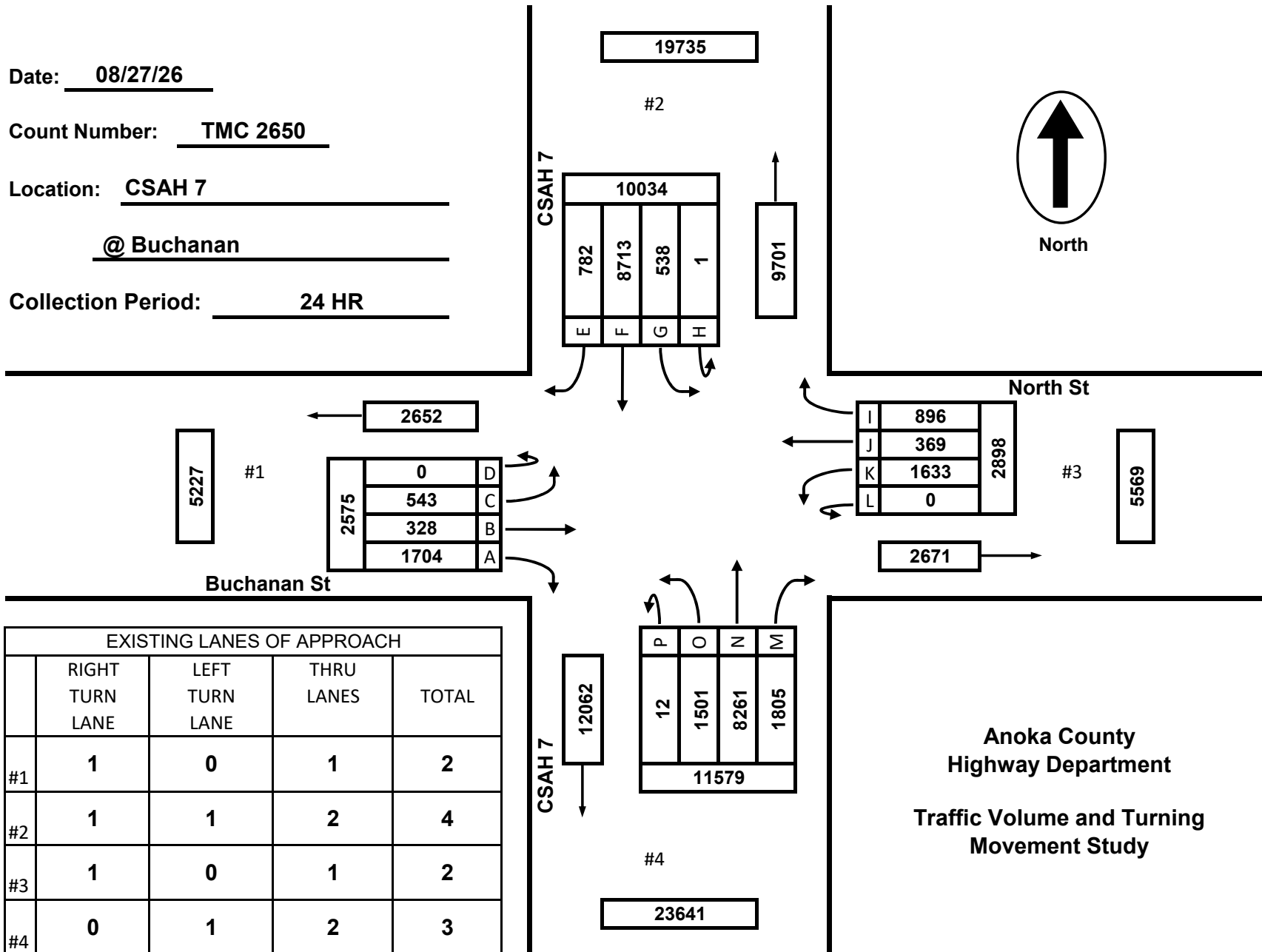


Date: 08/27/26

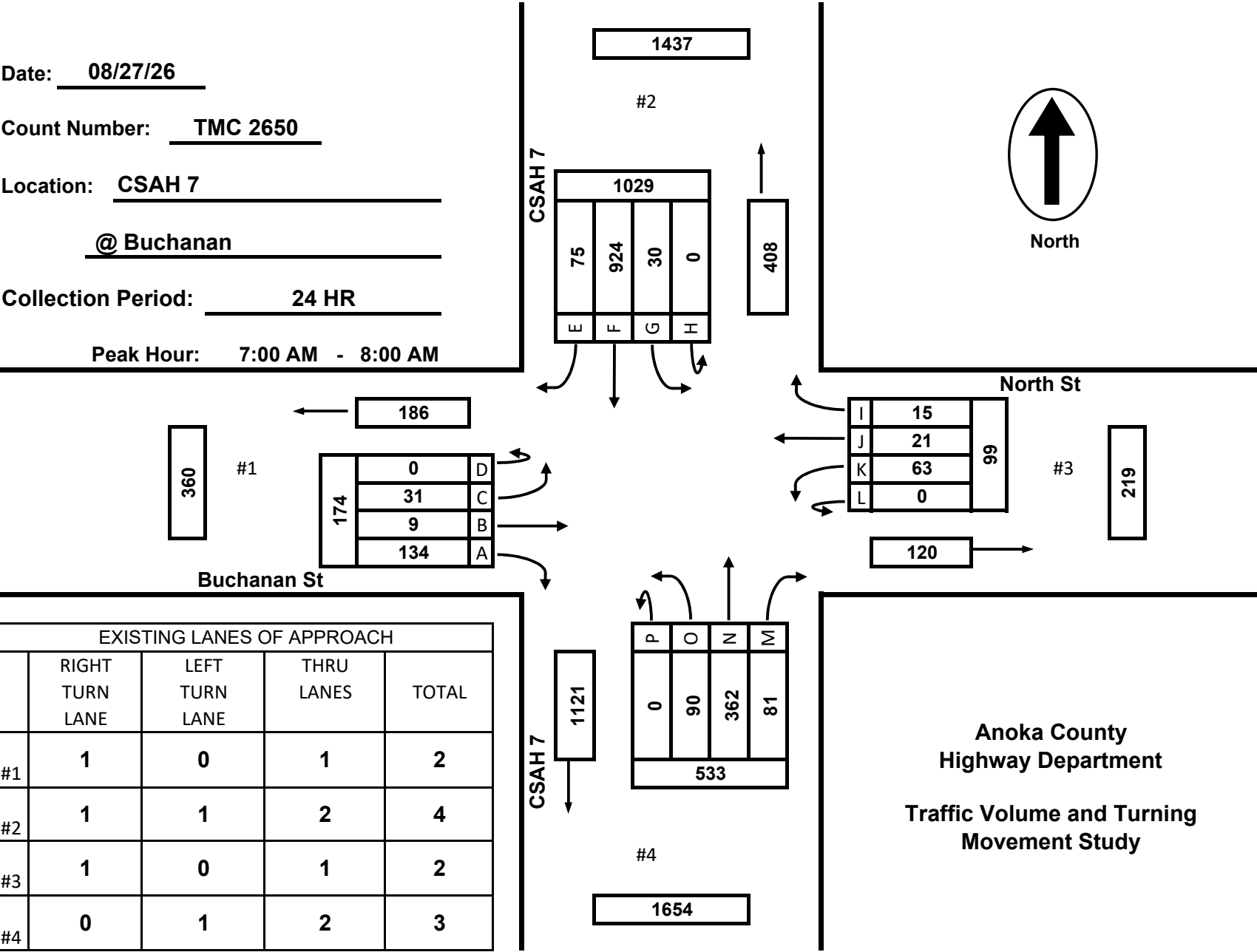
Count Number: TMC 2650

Location: CSAH 7
@ Buchanan

Collection Period: 24 HR



Date: 08/27/26
 Count Number: TMC 2650
 Location: CSAH 7
@ Buchanan
 Collection Period: 24 HR
 Peak Hour: 7:00 AM - 8:00 AM



Date: 08/27/26

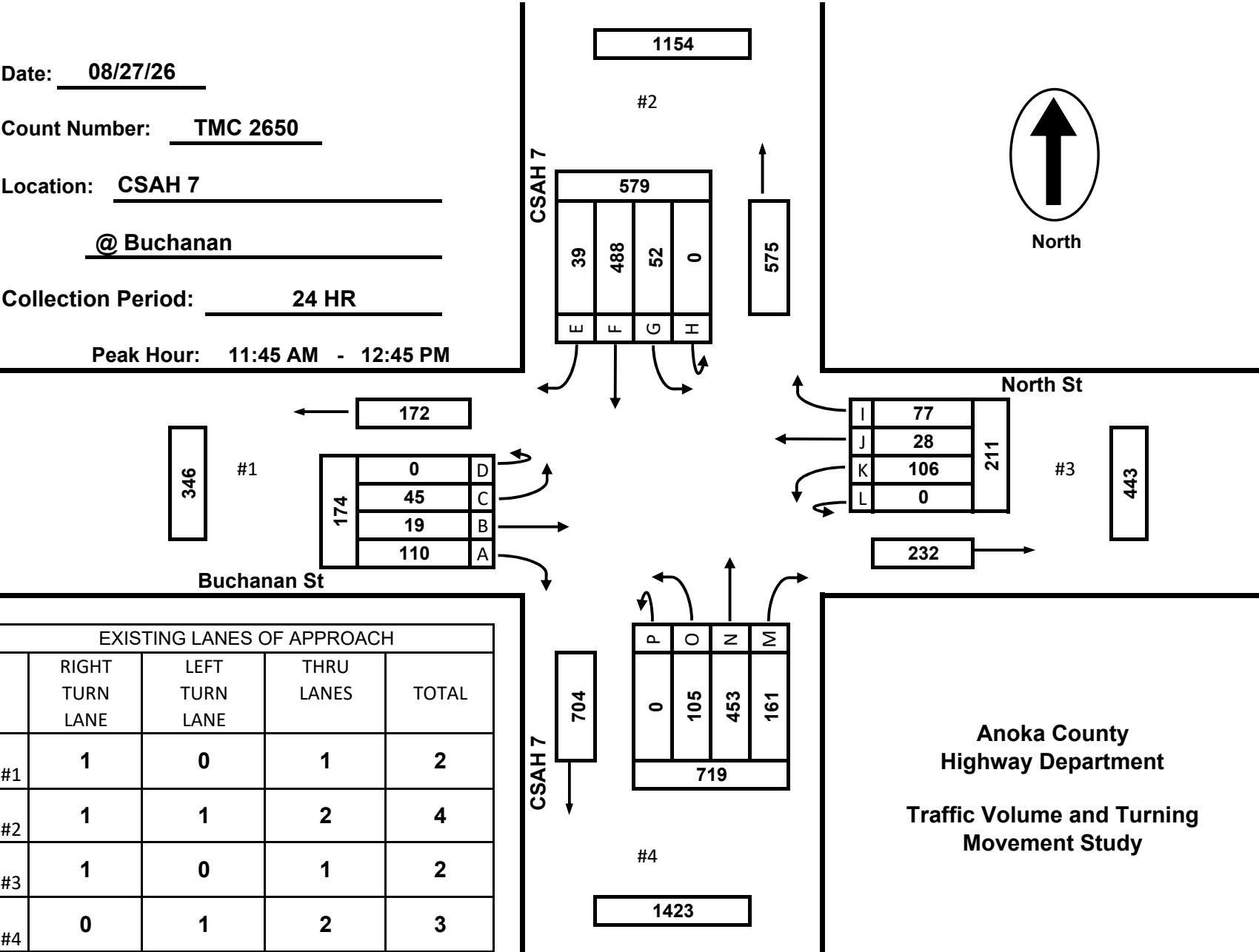
Count Number: TMC 2650

Location: CSAH 7

@ Buchanan

Collection Period: 24 HR

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



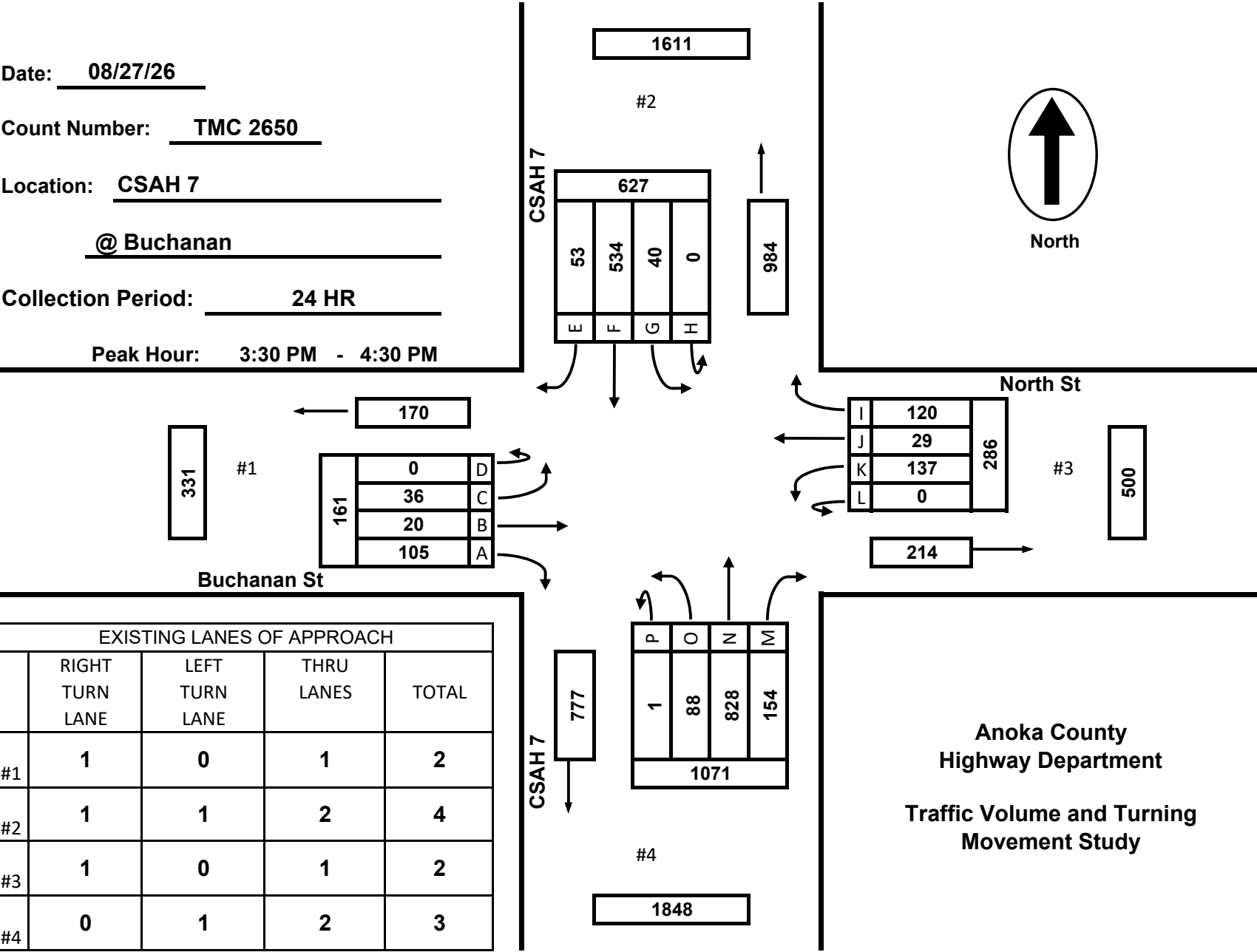
Date: 08/27/26

Count Number: TMC 2650

Location: CSAH 7
@ Buchanan

Collection Period: 24 HR

Peak Hour: 3:30 PM - 4:30 PM



TMC 2650 - CSAH 7 @ Buchanan
Anoka MN
Thursday, August 27, 2026

Time	Southbound CSAH 7						Westbound North St						Northbound CSAH 7						Eastbound Buchanan 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	11	3	0	14	0	1	0	0	0	1	0	7	15	0	0	22	0	3	1	6	0	10	47
12:15 AM	0	1	4	2	0	7	0	1	0	0	0	1	1	5	18	2	0	26	0	1	1	5	1	7	41
12:30 AM	0	0	4	1	0	5	0	0	0	0	0	0	0	7	12	1	0	20	0	2	0	5	0	7	32
12:45 AM	0	0	3	2	0	5	0	0	0	0	0	0	1	8	6	0	0	15	0	1	1	9	0	11	31
Hourly Total	0	1	22	8	0	31	0	2	0	0	0	2	2	27	51	3	0	83	0	7	3	25	1	35	151
1:00 AM	0	0	2	0	0	2	0	4	3	0	0	7	0	5	10	4	0	19	0	0	3	8	0	11	39
1:15 AM	0	0	8	2	0	10	0	2	0	0	0	2	0	3	7	0	0	10	0	1	1	2	0	4	26
1:30 AM	0	0	5	0	0	5	0	0	1	1	0	2	0	4	4	2	0	10	0	0	0	2	0	2	19
1:45 AM	0	0	3	1	0	4	0	3	1	0	0	4	0	5	6	2	0	13	0	2	0	7	0	9	30
Hourly Total	0	0	18	3	0	21	0	9	5	1	0	15	0	17	27	8	0	52	0	3	4	19	0	26	114
2:00 AM	0	0	1	3	0	4	0	0	3	0	1	3	0	4	8	3	0	15	0	1	1	2	0	4	26
2:15 AM	0	0	6	1	0	7	0	0	0	0	0	0	0	8	3	2	0	13	0	2	3	7	0	12	32
2:30 AM	0	1	6	4	0	11	0	1	0	0	0	1	0	2	6	2	0	10	0	4	1	4	0	9	31
2:45 AM	0	3	8	3	0	14	0	3	0	0	0	3	0	4	4	2	0	10	0	1	0	5	0	6	33
Hourly Total	0	4	21	11	0	36	0	4	3	0	1	7	0	18	21	9	0	48	0	8	5	18	0	31	122
3:00 AM	0	0	8	3	0	11	0	2	0	0	0	2	0	5	7	6	0	18	0	1	2	4	1	7	38
3:15 AM	0	0	20	2	0	22	0	0	0	0	0	0	0	5	9	1	0	15	0	0	1	3	0	4	41
3:30 AM	0	1	9	4	0	14	0	1	1	0	0	2	0	5	6	7	0	18	0	1	3	8	0	12	46
3:45 AM	0	6	13	7	0	26	0	4	2	0	0	6	0	5	2	10	0	17	0	1	1	8	0	10	59
Hourly Total	0	7	50	16	0	73	0	7	3	0	0	10	0	20	24	24	0	68	0	3	7	23	1	33	184
4:00 AM	0	1	24	6	0	31	0	0	1	0	0	1	0	7	4	2	0	13	0	1	1	11	0	13	58
4:15 AM	0	0	47	6	0	53	0	3	2	0	0	5	0	8	8	4	0	20	0	1	0	17	0	18	96
4:30 AM	0	1	52	6	0	59	0	3	0	1	0	4	0	5	8	3	0	16	0	0	0	12	0	12	91
4:45 AM	0	2	53	10	0	65	0	3	1	0	0	4	0	7	8	4	0	19	0	0	1	17	0	18	106
Hourly Total	0	4	176	28	0	208	0	9	4	1	0	14	0	27	28	13	0	68	0	2	2	57	0	61	351
5:00 AM	0	5	85	12	0	102	0	5	0	0	0	5	0	14	8	6	0	28	0	1	0	20	0	21	156
5:15 AM	0	3	122	14	0	139	0	9	0	0	0	9	0	5	9	9	0	23	0	2	1	19	0	22	193
5:30 AM	0	0	133	10	0	143	0	11	0	0	0	11	0	12	30	9	1	51	0	4	1	22	0	27	232
5:45 AM	0	1	150	15	0	166	0	8	2	0	0	10	0	12	28	5	0	45	0	0	0	22	0	22	243
Hourly Total	0	9	490	51	0	550	0	33	2	0	0	35	0	43	75	29	1	147	0	7	2	83	0	92	824
6:00 AM	0	2	150	13	0	165	0	7	2	0	1	9	0	17	35	7	2	59	0	1	0	23	1	24	257
6:15 AM	0	1	231	19	0	251	0	13	4	2	0	19	0	13	40	4	0	57	0	3	4	25	0	32	359
6:30 AM	0	5	228	13	0	246	0	16	4	1	0	21	0	17	58	9	0	84	0	7	2	27	0	36	387
6:45 AM	0	4	246	15	0	265	0	13	2	4	0	19	0	21	88	17	0	126	0	6	5	23	0	34	444
Hourly Total	0	12	855	60	0	927	0	49	12	7	1	68	0	68	221	37	2	326	0	17	11	98	1	126	1447
7:00 AM	0	5	203	18	0	226	0	10	5	4	0	19	0	19	92	18	0	129	0	12	4	29	0	45	419
7:15 AM	0	8	257	23	0	288	0	19	6	2	0	27	0	24	74	18	0	116	0	5	0	38	1	43	474
7:30 AM	0	5	257	17	0	279	0	11	4	4	0	19	0	24	90	19	0	133	0	5	3	42	0	50	481
7:45 AM	0	12	207	17	0	236	0	23	6	5	0	34	0	23	106	26	1	155	0	9	2	25	0	36	461
Hourly Total	0	30	924	75	0	1029	0	63	21	15	0	99	0	90	362	81	1	533	0	31	9	134	1	174	1835

TMC 2650 - CSAH 7 @ Buchanan
Anoka MN
Thursday, August 27, 2026

Time	Southbound CSAH 7						Westbound North St						Northbound CSAH 7						Eastbound Buchanan 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	11	151	14	0	176	0	24	11	5	0	40	0	29	108	10	0	147	0	3	3	28	0	34	397
8:15 AM	0	5	170	8	1	183	0	16	4	9	0	29	0	28	72	24	0	124	0	1	8	33	0	42	378
8:30 AM	0	8	138	10	0	156	0	22	2	8	0	32	0	28	70	15	0	113	0	6	5	27	1	38	339
8:45 AM	0	10	156	10	0	176	0	12	4	6	0	22	0	15	87	19	0	121	0	5	5	27	0	37	356
Hourly Total	0	34	615	42	1	691	0	74	21	28	0	123	0	100	337	68	0	505	0	15	21	115	1	151	1470
9:00 AM	0	11	108	7	1	126	0	18	2	4	1	24	0	19	65	21	0	105	0	4	2	20	0	26	281
9:15 AM	0	5	125	15	0	145	0	19	5	6	0	30	0	21	69	16	0	106	0	6	4	33	0	43	324
9:30 AM	0	3	143	17	1	163	0	19	7	7	1	33	0	25	68	19	0	112	0	9	6	24	0	39	347
9:45 AM	0	8	121	12	1	141	0	22	3	6	0	31	0	18	81	37	0	136	0	9	2	29	1	40	348
Hourly Total	0	27	497	51	3	575	0	78	17	23	2	118	0	83	283	93	0	459	0	28	14	106	1	148	1300
10:00 AM	0	10	99	9	0	118	0	22	8	12	0	42	0	19	66	20	0	105	0	11	7	21	0	39	304
10:15 AM	0	8	143	6	0	157	0	18	5	10	0	33	0	11	66	27	1	104	0	5	5	17	0	27	321
10:30 AM	1	8	128	8	0	145	0	23	3	6	1	32	0	17	97	36	0	150	0	5	3	21	0	29	356
10:45 AM	0	10	97	14	0	121	0	19	5	9	0	33	0	18	84	30	0	132	0	5	6	24	0	35	321
Hourly Total	1	36	467	37	0	541	0	82	21	37	1	140	0	65	313	113	1	491	0	26	21	83	0	130	1302
11:00 AM	0	5	126	8	1	139	0	24	10	14	2	48	0	17	91	34	0	142	0	10	2	20	1	32	361
11:15 AM	0	10	110	6	1	126	0	22	9	24	0	55	0	27	81	26	0	134	0	8	7	20	1	35	350
11:30 AM	0	12	129	8	1	149	0	26	7	17	0	50	1	21	88	31	0	141	0	6	6	15	0	27	367
11:45 AM	0	18	128	8	1	154	0	23	5	25	1	53	0	22	95	50	0	167	0	9	5	27	0	41	415
Hourly Total	0	45	493	30	4	568	0	95	31	80	3	206	1	87	355	141	0	584	0	33	20	82	2	135	1493
12:00 PM	0	8	137	10	0	155	0	32	6	17	0	55	0	40	106	31	1	177	0	12	2	30	2	44	431
12:15 PM	0	13	108	8	0	129	0	23	10	13	0	46	0	26	119	43	1	188	0	12	3	25	0	40	403
12:30 PM	0	13	115	13	0	141	0	28	7	22	0	57	0	17	133	37	0	187	0	12	9	28	0	49	434
12:45 PM	0	9	101	10	0	120	0	27	4	18	0	49	1	17	110	54	0	182	0	9	2	22	0	33	384
Hourly Total	0	43	461	41	0	545	0	110	27	70	0	207	1	100	468	165	2	734	0	45	16	105	2	166	1652
1:00 PM	0	8	93	7	1	108	0	33	4	25	0	62	0	26	121	39	0	186	0	10	14	21	0	45	401
1:15 PM	0	14	105	9	0	128	0	29	8	21	0	58	0	19	113	41	0	173	0	10	6	16	1	32	391
1:30 PM	0	6	93	19	0	118	0	25	4	17	0	46	0	11	125	34	1	170	0	6	4	15	1	25	359
1:45 PM	0	10	105	8	1	123	0	45	4	19	0	68	0	27	124	40	0	191	0	11	4	27	0	42	424
Hourly Total	0	38	396	43	2	477	0	132	20	82	0	234	0	83	483	154	1	720	0	37	28	79	2	144	1575
2:00 PM	0	11	106	7	1	124	0	49	12	22	1	83	0	19	159	34	0	212	0	10	4	23	0	37	456
2:15 PM	0	10	108	7	0	125	0	43	7	19	0	69	2	17	158	32	0	209	0	2	3	22	0	27	430
2:30 PM	0	11	120	9	0	140	0	36	2	15	1	53	0	18	177	46	1	241	0	9	3	22	1	34	468
2:45 PM	0	6	98	4	1	108	0	29	2	17	0	48	2	36	215	30	0	283	0	9	4	23	1	36	475
Hourly Total	0	38	432	27	2	497	0	157	23	73	2	253	4	90	709	142	1	945	0	30	14	90	2	134	1829
3:00 PM	0	5	134	8	0	147	0	30	3	19	1	52	0	18	217	44	0	279	0	6	9	14	1	29	507
3:15 PM	0	9	115	9	1	133	0	34	9	20	0	63	1	22	232	40	0	295	0	11	5	18	2	34	525
3:30 PM	0	13	130	16	0	159	0	34	7	28	0	69	1	31	209	30	0	271	0	6	6	31	0	43	542
3:45 PM	0	8	148	8	0	164	0	21	6	27	0	54	0	14	223	45	0	282	0	17	2	25	3	44	544
Hourly Total	0	35	527	41	1	603	0	119	25	94	1	238	2	85	881	159	0	1127	0	40	22	88	6	150	2118

TMC 2650 - CSAH 7 @ Buchanan
Anoka MN
Thursday, August 27, 2026

Time	Southbound CSAH 7						Westbound North St						Northbound CSAH 7						Eastbound Buchanan 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	11	132	15	0	158	0	41	7	32	0	80	0	23	198	29	0	250	0	4	8	20	0	32	520
4:15 PM	0	8	124	14	0	146	0	41	9	33	0	83	0	20	198	50	0	268	0	9	4	29	0	42	539
4:30 PM	0	7	124	10	0	141	0	33	8	35	1	76	0	23	192	38	0	253	0	9	7	27	2	43	513
4:45 PM	0	11	18	9	0	38	0	30	11	32	0	73	0	23	204	33	1	260	0	9	7	19	0	35	406
Hourly Total	0	37	398	48	0	483	0	145	35	132	1	312	0	89	792	150	1	1031	0	31	26	95	2	152	1978
5:00 PM	0	18	102	12	0	132	0	38	11	31	0	80	0	20	187	31	0	238	0	13	11	24	0	48	498
5:15 PM	0	8	145	9	0	162	0	25	5	25	0	55	1	35	225	26	0	287	0	10	6	30	0	46	550
5:30 PM	0	17	136	8	0	161	0	37	6	23	0	66	0	19	202	28	0	249	0	10	6	25	0	41	517
5:45 PM	0	6	93	13	0	112	0	34	6	23	1	63	0	21	175	37	0	233	0	12	3	16	0	31	439
Hourly Total	0	49	476	42	0	567	0	134	28	102	1	264	1	95	789	122	0	1007	0	45	26	95	0	166	2004
6:00 PM	0	11	116	14	1	141	0	36	3	15	0	54	0	16	178	25	0	219	0	8	9	20	0	37	451
6:15 PM	0	4	103	7	2	114	0	26	9	18	0	53	0	18	167	29	0	214	0	7	9	21	0	37	418
6:30 PM	0	8	113	7	1	128	0	26	9	13	1	48	0	27	148	26	0	201	0	11	7	26	2	44	421
6:45 PM	0	3	102	6	0	111	0	21	0	15	1	36	0	13	108	27	0	148	0	4	2	16	3	22	317
Hourly Total	0	26	434	34	4	494	0	109	21	61	2	191	0	74	601	107	0	782	0	30	27	83	5	140	1607
7:00 PM	0	7	95	8	1	110	0	28	5	17	0	50	0	13	128	18	0	159	0	3	1	23	3	27	346
7:15 PM	0	6	78	9	0	93	0	17	5	9	1	31	0	16	133	20	0	169	0	10	7	13	0	30	323
7:30 PM	0	10	63	1	0	74	0	23	2	12	1	37	0	17	91	13	0	121	0	7	2	17	0	26	258
7:45 PM	0	3	64	3	1	70	0	17	3	5	0	25	0	14	123	11	0	148	0	5	2	11	0	18	261
Hourly Total	0	26	300	21	2	347	0	85	15	43	2	143	0	60	475	62	0	597	0	25	12	64	3	101	1188
8:00 PM	0	5	94	11	0	110	0	13	3	7	0	23	0	15	97	15	1	127	0	0	6	10	1	16	276
8:15 PM	0	3	54	4	0	61	0	18	3	6	0	27	0	17	118	14	0	149	0	11	3	19	0	33	270
8:30 PM	0	2	62	10	0	74	0	11	3	9	0	23	0	15	92	10	0	117	0	5	5	13	0	23	237
8:45 PM	0	6	59	3	0	68	0	12	2	3	0	17	0	10	88	13	0	111	0	8	2	16	0	26	222
Hourly Total	0	16	269	28	0	313	0	54	11	25	0	90	0	57	395	52	1	504	0	24	16	58	1	98	1005
9:00 PM	0	6	67	4	0	77	0	9	3	2	0	14	1	13	82	10	0	106	0	5	4	9	0	18	215
9:15 PM	0	4	37	1	0	42	0	3	2	5	0	10	0	11	71	14	0	96	0	5	2	6	0	13	161
9:30 PM	0	2	20	2	1	24	0	10	5	2	0	17	0	14	68	10	0	92	0	2	2	8	0	12	145
9:45 PM	0	3	15	2	0	20	0	5	3	2	0	10	0	16	44	3	0	63	0	3	4	12	1	19	112
Hourly Total	0	15	139	9	1	163	0	27	13	11	0	51	1	54	265	37	0	357	0	15	12	35	1	62	633
10:00 PM	0	0	36	5	0	41	0	18	1	5	0	24	0	7	54	4	0	65	0	2	4	16	0	22	152
10:15 PM	0	1	50	7	0	58	0	9	3	1	0	13	0	11	51	5	0	67	0	6	1	9	0	16	154
10:30 PM	0	0	40	5	0	45	0	6	5	2	0	13	0	8	40	3	0	51	0	5	3	11	0	19	128
10:45 PM	0	1	26	6	0	33	0	3	1	2	0	6	0	10	53	5	0	68	0	9	1	7	0	17	124
Hourly Total	0	2	152	23	0	177	0	36	10	10	0	56	0	36	198	17	0	251	0	22	9	43	0	74	558
11:00 PM	0	1	30	1	0	32	0	2	1	0	0	3	0	10	35	7	0	52	0	4	0	7	0	11	98
11:15 PM	0	3	26	4	0	33	0	5	0	0	0	5	0	9	28	5	0	42	0	1	1	5	1	7	87
11:30 PM	0	0	40	6	0	46	0	11	0	1	0	12	0	6	20	4	0	30	0	9	0	8	1	17	105
11:45 PM	0	0	5	2	0	7	0	2	0	0	0	2	0	8	25	3	0	36	0	5	0	6	0	11	56
Hourly Total	0	4	101	13	0	118	0	20	1	1	0	22	0	33	108	19	0	160	0	19	1	26	2	46	346
DAILY TOTAL	1	538	8713	782	20	10034	0	1633	369	896	17	2898	12	1501	8261	1805	11	11579	0	543	328	1704	34	2575	27086
Cars	1	533	8614	752	9	9900	0	1588	362	892	4	2842	12	1397	8147	1751	3	11307	0	525	315	1592	15	2432	26481
Heavy Vehicles	0	5	99	30	11	134	0	45	7	4	13	56	0	104	114	54	8	272	0	18	13	112	19	143	605
Heavy Vehicle %	0.00%	0.93%	1.14%	3.84%	55.00%	1.34%	0.00%	2.76%	1.90%	0.45%	76.47%	1.93%	0.00%	6.93%	1.38%	2.99%	72.73%	2.35%	0.00%	3.31%	3.96%	6.57%	55.88%	5.55%	2.23%

TMC 2650 - CSAH 7 @ Buchanan
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	5	203	18	0	226	0	10	5	4	0	19	0	19	92	18	0	129	0	12	4	29	0	45	419
7:15 AM	0	8	257	23	0	288	0	19	6	2	0	27	0	24	74	18	0	116	0	5	0	38	1	43	474
7:30 AM	0	5	257	17	0	279	0	11	4	4	0	19	0	24	90	19	0	133	0	5	3	42	0	50	481
7:45 AM	0	12	207	17	0	236	0	23	6	5	0	34	0	23	106	26	1	155	0	9	2	25	0	36	461
Peak Hour Total	0	30	924	75	0	1029	0	63	21	15	0	99	0	90	362	81	1	533	0	31	9	134	1	174	1835
Peak Hour Heavy Vehicles	0	0	8	8	0	16	0	5	3	0	0	8	0	10	3	6	0	19	0	0	0	16	0	16	59
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	0.87%	10.67%	0.00%	1.55%	0.00%	7.94%	14.29%	0.00%	0.00%	8.08%	0.00%	11.11%	0.83%	7.41%	0.00%	3.56%	0.00%	0.00%	0.00%	11.94%	0.00%	9.20%	3.22%
	0.000	0.625	0.899	0.815	0.000	0.893	0.000	0.685	0.875	0.750	0.000	0.728	0.000	0.938	0.854	0.779	0.250	0.860	0.000	0.646	0.563	0.798	0.250	0.870	0.954

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	18	128	8	1	154	0	23	5	25	1	53	0	22	95	50	0	167	0	9	5	27	0	41	415
12:00 PM	0	8	137	10	0	155	0	32	6	17	0	55	0	40	106	31	1	177	0	12	2	30	2	44	431
12:15 PM	0	13	108	8	0	129	0	23	10	13	0	46	0	26	119	43	1	188	0	12	3	25	0	40	403
12:30 PM	0	13	115	13	0	141	0	28	7	22	0	57	0	17	133	37	0	187	0	12	9	28	0	49	434
Peak Hour Total	0	52	488	39	1	579	0	106	28	77	1	211	0	105	453	161	2	719	0	45	19	110	2	174	1683
Peak Hour Heavy Vehicles	0	1	11	2	1	14	0	5	0	0	1	5	0	8	11	6	1	25	0	0	1	11	2	12	56
Peak Hour Heavy Vehicles % PHF	0.00%	1.92%	2.25%	5.13%	100.00%	2.42%	0.00%	4.72%	0.00%	0.00%	100.00%	2.37%	0.00%	7.62%	2.43%	3.73%	50.00%	3.48%	0.00%	0.00%	5.26%	10.00%	100.00%	6.90%	3.33%
	0.000	0.722	0.891	0.750	0.250	0.934	0.000	0.828	0.700	0.770	0.250	0.925	0.000	0.656	0.852	0.805	0.500	0.956	0.000	0.938	0.528	0.917	0.250	0.888	0.969

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

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
3:30 PM	0	13	130	16	0	159	0	34	7	28	0	69	1	31	209	30	0	271	0	6	6	31	0	43	542
3:45 PM	0	8	148	8	0	164	0	21	6	27	0	54	0	14	223	45	0	282	0	17	2	25	3	44	544
4:00 PM	0	11	132	15	0	158	0	41	7	32	0	80	0	23	198	29	0	250	0	4	8	20	0	32	520
4:15 PM	0	8	124	14	0	146	0	41	9	33	0	83	0	20	198	50	0	268	0	9	4	29	0	42	539
Peak Hour Total	0	40	534	53	0	627	0	137	29	120	0	286	1	88	828	154	0	1071	0	36	20	105	3	161	2145
Peak Hour Heavy Vehicles	0	1	1	2	0	4	0	2	0	0	0	2	0	9	10	2	0	21	0	1	0	8	2	9	36
Peak Hour Heavy Vehicles % PHF	0.00%	2.50%	0.19%	3.77%	0.00%	0.64%	0.00%	1.46%	0.00%	0.00%	0.00%	0.70%	0.00%	10.23%	1.21%	1.30%	0.00%	1.96%	0.00%	2.78%	0.00%	7.62%	66.67%	5.59%	1.68%
	0.000	0.769	0.902	0.828	0.000	0.956	0.000	0.835	0.806	0.909	0.000	0.861	0.250	0.710	0.928	0.770	0.000	0.949	0.000	0.529	0.625	0.847	0.250	0.915	0.986

Total Vehicles On Leg			19735		
Vehicles Entering Intersection 10034			Vehicles Exiting Intersection 9701		
Southbound					
Cars	752	8614	533	1	9
Heavy	30	99	5	0	11
Total	782	8713	538	1	20

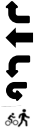


Total Vehicles on Leg 5227	Vehicles Entering Intersection 2575	Eastbound	Cars	Heavy	Total
	Vehicles Exiting Intersection 2652		15	19	34
			0	0	0
			525	18	543
			315	13	328
	2652		1592	112	1704



Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection	Total Vehicles on Leg
892	4	896		2898	
362	7	369			
1588	45	1633		Vehicles Exiting Intersection	
0	0	0		2671	
4	13	17			



Cars	3	12	1397	8147	1751
Heavy	8	0	104	114	54
Total	11	12	1501	8261	1805
Northbound					
Vehicles Entering Intersection			Vehicles Exiting Intersection		
11579			12062		
Total Vehicles On Leg			23641		



TMC 2650 - CSAH 7 @ Buchanan Anoka MN Thursday, August 27, 2026																									
Time	Southbound Heavy CSAH 7						Westbound Heavy North St						Northbound Heavy CSAH 7						Eastbound Heavy Buchanan 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	1	0	0	1	0	0	0	0	0	0	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	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	1	0	1	2	2
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	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	1	3
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	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	1	3
2:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	1
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	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	1	0	0	0	1	0	0	1	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	1	0	0	0	0	0	0	1	0	1
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	2
3:45 AM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	2	0	2	0	0	0	0	1	0	4
4:00 AM	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
4:15 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	3	0	1	0	4	0	0	0	1	0	1	6
4:30 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	3	0	3	6
4:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	3
Hourly 'Heavy Vehicles'	0	0	3	0	0	3	0	0	0	0	0	0	0	5	1	1	0	7	0	0	0	6	0	6	16
5:00 AM	0	0	1	1	0	2	0	1	0	0	0	1	0	1	0	1	0	2	0	0	0	1	0	1	6
5:15 AM	0	0	2	0	0	2	0	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	4
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	1	1	8	0	1	0	0	0	1	9
5:45 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	4
Hourly 'Heavy Vehicles'	0	0	5	1	0	6	0	2	0	0	0	2	0	4	5	2	1	11	0	1	0	3	0	4	23
6:00 AM	0	0	1	1	0	2	0	0	0	0	1	0	0	3	0	0	1	3	0	0	0	3	1	3	8
6:15 AM	0	0	2	1	0	3	0	1	0	0	0	1	0	2	0	0	0	2	0	0	0	1	0	1	7
6:30 AM	0	0	3	0	0	3	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	5	0	5	10
6:45 AM	0	0	0	3	0	3	0	0	0	0	0	0	0	1	1	3	0	5	0	0	0	0	0	0	8
Hourly 'Heavy Vehicles'	0	0	6	5	0	11	0	1	0	0	1	1	0	7	2	3	1	12	0	0	0	9	1	9	33
7:00 AM	0	0	3	3	0	6	0	0	0	0	0	0	0	1	1	2	0	4	0	0	0	3	0	3	13
7:15 AM	0	0	0	3	0	3	0	1	1	0	0	2	0	3	0	0	0	3	0	0	0	5	0	5	13
7:30 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	3	0	2	0	5	0	0	0	5	0	5	12
7:45 AM	0	0	3	2	0	5	0	4	2	0	0	6	0	3	2	2	1	7	0	0	0	3	0	3	21
Hourly 'Heavy Vehicles'	0	0	8	8	0	16	0	5	3	0	0	8	0	10	3	6	1	19	0	0	0	16	0	16	59

TMC 2650 - CSAH 7 @ Buchanan Anoka MN Thursday, August 27, 2026																									
Time	Southbound Heavy CSAH 7						Westbound Heavy North St						Northbound Heavy CSAH 7						Eastbound Heavy Buchanan 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	2	1	0	3	0	4	0	0	0	4	0	1	5	1	0	7	0	1	0	1	0	2	16
8:15 AM	0	0	1	1	1	2	0	0	0	0	0	0	0	3	5	0	0	8	0	0	2	3	0	5	15
8:30 AM	0	1	4	1	0	6	0	2	0	0	0	2	0	4	4	0	0	8	0	0	0	2	0	2	18
8:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	2	0	0	0	2	0	1	1	5	0	7	10
Hourly 'Heavy Vehicles'	0	1	8	3	1	12	0	6	0	0	0	6	0	10	14	1	0	25	0	2	3	11	0	16	59
9:00 AM	0	0	1	1	0	2	0	1	0	0	1	1	0	1	2	2	0	5	0	0	0	1	0	1	9
9:15 AM	0	1	1	0	0	2	0	1	0	0	0	1	0	1	5	0	0	6	0	0	1	3	0	4	13
9:30 AM	0	0	1	0	0	1	0	1	1	2	1	4	0	0	1	0	0	1	0	0	0	1	0	1	7
9:45 AM	0	0	1	1	1	2	0	0	1	0	0	1	0	0	2	2	0	4	0	0	0	1	1	1	8
Hourly 'Heavy Vehicles'	0	1	4	2	1	7	0	3	2	2	2	7	0	2	10	4	0	16	0	0	1	6	1	7	37
10:00 AM	0	0	1	0	0	1	0	2	0	0	0	2	0	3	3	2	0	8	0	0	1	0	0	1	12
10:15 AM	0	0	2	1	0	3	0	1	0	0	0	1	0	1	2	0	0	3	0	0	0	1	0	1	8
10:30 AM	0	0	1	0	0	1	0	2	0	1	0	3	0	3	3	2	0	8	0	1	1	3	0	5	17
10:45 AM	0	0	1	0	0	1	0	1	0	0	0	1	0	1	4	1	0	6	0	1	0	0	0	1	9
Hourly 'Heavy Vehicles'	0	0	5	1	0	6	0	6	0	1	0	7	0	8	12	5	0	25	0	2	2	4	0	8	46
11:00 AM	0	0	1	0	0	1	0	2	0	0	0	2	0	1	1	1	0	3	0	1	0	1	0	2	8
11:15 AM	0	0	4	0	1	4	0	0	0	0	0	0	0	5	1	1	0	7	0	1	0	1	1	2	13
11:30 AM	0	0	2	1	0	3	0	1	0	0	0	1	0	2	1	1	0	4	0	0	0	3	0	3	11
11:45 AM	0	1	3	1	1	5	0	0	0	0	1	0	0	2	3	3	0	8	0	0	0	4	0	4	17
Hourly 'Heavy Vehicles'	0	1	10	2	2	13	0	3	0	0	1	3	0	10	6	6	0	22	0	2	0	9	1	11	49
12:00 PM	0	0	2	0	0	2	0	2	0	0	0	2	0	4	3	2	1	9	0	0	0	2	2	2	15
12:15 PM	0	0	4	1	0	5	0	1	0	0	0	1	0	2	2	1	0	5	0	0	0	3	0	3	14
12:30 PM	0	0	2	0	0	2	0	2	0	0	0	2	0	0	3	0	0	3	0	0	1	2	0	3	10
12:45 PM	0	0	2	0	0	2	0	1	0	0	0	1	0	0	0	4	0	4	0	1	0	1	0	2	9
Hourly 'Heavy Vehicles'	0	0	10	1	0	11	0	6	0	0	0	6	0	6	8	7	1	21	0	1	1	8	2	10	48
1:00 PM	0	0	4	0	0	4	0	1	1	1	0	3	0	2	3	2	0	7	0	0	0	0	0	0	14
1:15 PM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	2	1	2	7
1:30 PM	0	0	1	0	0	1	0	2	0	0	0	2	0	1	0	1	1	2	0	0	0	1	0	1	6
1:45 PM	0	0	1	1	0	2	0	0	0	0	0	0	0	0	3	1	0	4	0	0	0	1	0	1	7
Hourly 'Heavy Vehicles'	0	0	8	1	0	9	0	3	1	1	0	5	0	3	9	4	1	16	0	0	0	4	1	4	34
2:00 PM	0	0	1	0	1	1	0	0	0	0	1	0	0	2	3	2	0	7	0	0	0	1	0	1	9
2:15 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	1	4	0	0	5	0	0	0	1	0	1	7
2:30 PM	0	0	3	0	0	3	0	3	0	0	1	3	0	1	3	3	1	7	0	1	0	0	1	1	14
2:45 PM	0	0	4	0	1	4	0	0	0	0	0	0	0	3	2	0	0	5	0	0	0	2	1	2	11
Hourly 'Heavy Vehicles'	0	0	9	0	2	9	0	3	0	0	2	3	0	7	12	5	1	24	0	1	0	4	2	5	41
3:00 PM	0	0	5	0	0	5	0	0	0	0	1	0	0	1	1	1	0	3	0	0	2	2	1	4	12
3:15 PM	0	0	3	0	0	3	0	1	0	0	0	1	0	2	0	0	0	2	0	1	0	2	0	3	9
3:30 PM	0	0	0	2	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	0	2	5
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	1	0	8	0	0	0	1	2	1	9
Hourly 'Heavy Vehicles'	0	0	8	2	0	10	0	1	0	0	1	1	0	4	8	2	0	14	0	1	2	7	3	10	35

TMC 2650 - CSAH 7 @ Buchanan
Anoka MN
Thursday, August 27, 2026

Time	Southbound Heavy CSAH 7						Westbound Heavy North St						Northbound Heavy CSAH 7						Eastbound Heavy Buchanan 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	1	0	0	1	0	1	0	0	0	1	0	4	1	1	0	0	6	0	0	0	2	0	2	10
4:15 PM	0	1	0	0	0	1	0	1	0	0	0	1	0	4	2	0	0	0	6	0	1	0	3	0	4	12
4:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	4	3	1	0	0	8	0	1	0	4	2	5	13
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	1	6	0	1	0	1	0	2	8	
Hourly 'Heavy Vehicles'	0	1	1	0	0	2	0	2	0	0	1	2	0	14	10	2	1	26	0	3	0	10	2	13	43	
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	2	2	1	0	5	7	
5:15 PM	0	0	3	0	0	3	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	4	
5:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	2	1	0	0	3	0	1	1	0	0	2	6	
5:45 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	4	0	0	4	0	0	0	0	0	0	0	4	3	0	0	7	0	3	3	1	0	7	18	
6:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	0	1	3	
6:15 PM	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	1	2	
6:30 PM	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0	0	2	0	0	0	1	2	1	3	
6:45 PM	0	0	2	2	0	4	0	0	0	0	1	0	0	1	2	0	0	3	0	0	0	0	0	0	7	
Hourly 'Heavy Vehicles'	0	0	2	2	4	4	0	0	0	0	2	0	0	3	5	0	0	8	0	0	0	3	2	3	15	
7:00 PM	0	0	1	1	0	2	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0	2	0	2	6	
7:15 PM	0	0	0	0	0	0	0	1	0	0	1	1	0	0	2	0	0	2	0	0	0	2	0	2	5	
7:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	1	2	
7:45 PM	0	0	0	0	1	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	1	1	1	2	0	1	0	0	2	1	0	2	3	1	0	6	0	0	0	5	0	5	14	
8:00 PM	0	0	0	1	0	1	0	1	0	0	0	1	0	1	1	0	1	2	0	0	0	0	1	0	4	
8:15 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	2	1	0	0	3	5	
8:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	3	
8:45 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	3	
Hourly 'Heavy Vehicles'	0	0	3	1	0	4	0	1	0	0	0	1	0	3	1	0	1	4	0	2	1	3	1	6	15	
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	
9:15 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	
9:30 PM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
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	1	0	0	0	1	0	1	0	0	0	1	0	0	0	2	0	2	0	0	0	0	0	0	4	
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	1	0	1	0	0	0	0	0	0	1	
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	
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	1	0	0	0	1	0	0	0	0	1	0	1	
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	1	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	1	0	1	1	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	1	2	1	3	
DAILY 'Heavy Vehicles'	0	5	99	30	11	134	0	45	7	4	13	56	0	104	114	54	8	272	0	18	13	112	19	143	605	

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2650

Study Date : 09/01/2026

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 7

Number of Lanes : 2+

Total Approach Volume: 11,579

Southbound: CSAH 7

Number of Lanes :2+

Total Approach Volume: 10,034

Minor Street Approaches

Eastbound: Buchanan St

Number of Lanes :1

Total Approach Volume: 871

Westbound: North St

Number of Lanes :1

Total Approach Volume: 2,002

Warrant Summary (Urban Values Apply)

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

Warrant 1A - Minimum Vehicular Volume.....Satisfied

Required volumes reached for 12 hours, 8 are needed

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

Required volumes reached for 16 hours, 8 are needed

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

Required 1A volumes reached for 14 hours, 8 are needed

Required 1B volumes reached for 17 hours, 8 are needed

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

Number of hours (9) 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 2650

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

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 = **360**

Veh/Hr Minor = **90**

Major Road CSAH 7						Minor Road Buchanan St		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
15:00 - 16:00	1127	+	603	=	1730	62	144	Yes
17:00 - 18:00	1007	+	567	=	1574	71	162	Yes
07:15 - 08:15	551	+	979	=	1530	30	104	Yes
16:00 - 17:00	1031	+	483	=	1514	57	180	Yes
14:00 - 15:00	945	+	497	=	1442	44	180	Yes
12:00 - 13:00	734	+	545	=	1279	61	137	Yes
18:00 - 19:00	782	+	494	=	1276	57	130	Yes
13:00 - 14:00	720	+	477	=	1197	65	152	Yes
11:00 - 12:00	584	+	568	=	1152	53	126	Yes
09:00 - 10:00	459	+	575	=	1034	42	95	Yes
10:00 - 11:00	491	+	541	=	1032	47	103	Yes
19:00 - 20:00	597	+	347	=	944	37	100	Yes
07:00 - 08:00	533	+	1029	=	1562	40	84	No
06:45 - 07:45	504	+	1058	=	1562	40	70	No
06:30 - 07:30	455	+	1025	=	1480	41	75	No
06:15 - 07:15	396	+	988	=	1384	43	67	No
06:00 - 07:00	326	+	927	=	1253	28	61	No
08:15 - 09:15	463	+	641	=	1104	36	80	No
05:45 - 06:45	245	+	828	=	1073	17	56	No
08:45 - 09:45	444	+	610	=	1054	41	86	No
08:30 - 09:30	445	+	603	=	1048	37	84	No
05:30 - 06:30	212	+	725	=	937	13	47	No
20:00 - 21:00	504	+	313	=	817	40	65	No
05:15 - 06:15	178	+	613	=	791	9	39	No
20:15 - 21:15	483		280		763	43	61	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2650

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

16 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 Buchanan St		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
15:30 - 16:30	1071	+	627	=	1698	56	166	Yes
14:30 - 15:30	1098	+	528	=	1626	56	145	Yes
16:30 - 17:30	1038	+	473	=	1511	72	161	Yes
06:30 - 07:30	455	+	1025	=	1480	41	75	Yes
17:30 - 18:30	915	+	528	=	1443	64	157	Yes
07:30 - 08:30	559	+	874	=	1433	34	99	Yes
13:30 - 14:30	782	+	490	=	1272	44	189	Yes
11:30 - 12:30	673	+	587	=	1260	55	132	Yes
12:30 - 13:30	728	+	497	=	1225	72	140	Yes
18:30 - 19:30	677	+	442	=	1119	45	111	Yes
10:30 - 11:30	558	+	531	=	1089	46	115	Yes
08:30 - 09:30	445	+	603	=	1048	37	84	Yes
09:30 - 10:30	457	+	579	=	1036	54	104	Yes
05:30 - 06:30	212	+	725	=	937	13	47	Yes
19:30 - 20:30	545	+	315	=	860	36	82	Yes
20:30 - 21:30	430	+	261	=	691	36	45	Yes
05:15 - 06:15	178	+	613	=	791	9	39	No
05:00 - 06:00	147	+	550	=	697	9	35	No
04:45 - 05:45	121	+	449	=	570	10	29	No
04:30 - 05:30	86	+	365	=	451	5	21	No
21:30 - 22:30	287	+	143	=	430	24	54	No
22:00 - 23:00	251	+	177	=	428	31	46	No
21:45 - 22:45	246	+	164	=	410	28	50	No
22:15 - 23:15	238	+	168	=	406	29	30	No
04:15 - 05:15	83		279		362	3	17	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2650

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

14 hours meet 1A minimums.
17 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 CSAH 7						Minor Road Buchanan St				
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1A?		
15:30 - 16:30	1071	+	627	=	1698	56	166	Yes		
14:30 - 15:30	1098	+	528	=	1626	56	145	Yes		
16:30 - 17:30	1038	+	473	=	1511	72	161	Yes		
06:30 - 07:30	455	+	1025	=	1480	41	75	Yes		
17:30 - 18:30	915	+	528	=	1443	64	157	Yes		
07:30 - 08:30	559	+	874	=	1433	34	99	Yes		
13:30 - 14:30	782	+	490	=	1272	44	189	Yes		
11:30 - 12:30	673	+	587	=	1260	55	132	Yes		
12:30 - 13:30	728	+	497	=	1225	72	140	Yes		
18:30 - 19:30	677	+	442	=	1119	45	111	Yes		
10:30 - 11:30	558	+	531	=	1089	46	115	Yes		
08:30 - 09:30	445		603		1048	37	84	Yes		

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1B?		
15:15 - 16:15	1098	+	614	=	1712	59	159	Yes		
17:15 - 18:15	988	+	576	=	1564	64	152	Yes		
14:15 - 15:15	1012	+	520	=	1532	45	152	Yes		
07:15 - 08:15	551	+	979	=	1530	30	104	Yes		
16:15 - 17:15	1019	+	457	=	1476	69	181	Yes		
06:15 - 07:15	396	+	988	=	1384	43	67	Yes		
12:15 - 13:15	743	+	498	=	1241	71	136	Yes		
13:15 - 14:15	746	+	493	=	1239	55	176	Yes		
11:15 - 12:15	619	+	584	=	1203	55	130	Yes		
18:15 - 19:15	722	+	463	=	1185	44	124	Yes		
08:15 - 09:15	463	+	641	=	1104	36	80	Yes		
10:15 - 11:15	528		562		1090	41	107	Yes		

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2650

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.

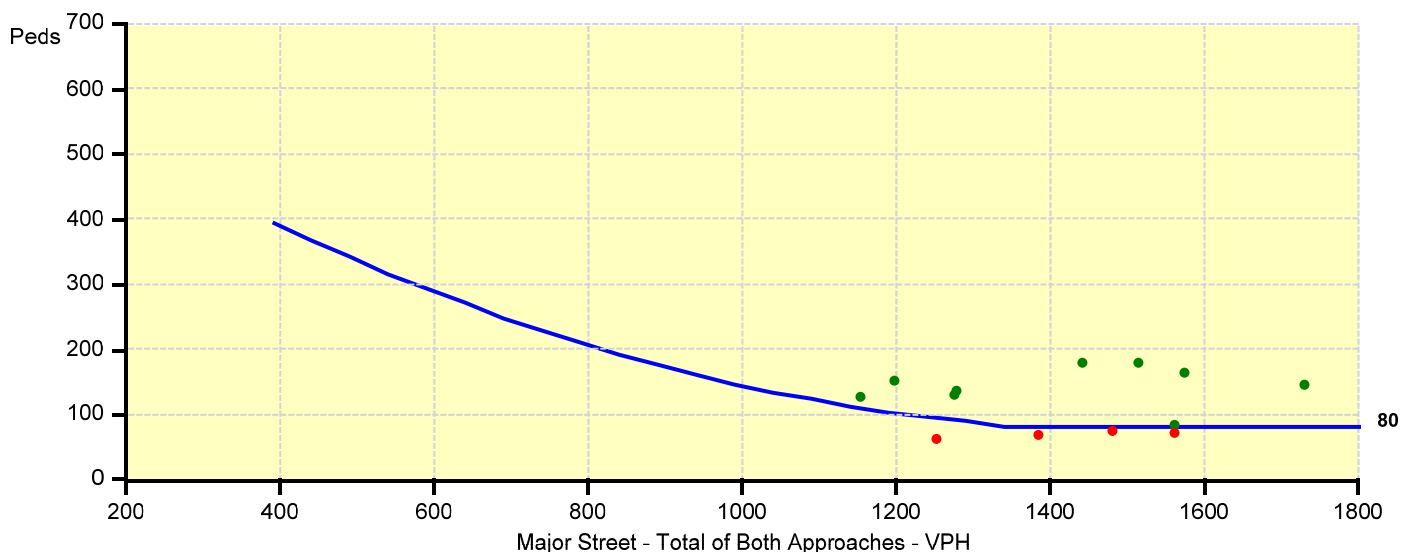
Summary

9 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 Buchanan St		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
15:00 - 16:00	1127	+	603	=	1730	62	144	Yes
17:00 - 18:00	1007	+	567	=	1574	71	162	Yes
07:00 - 08:00	533	+	1029	=	1562	40	84	Yes
16:00 - 17:00	1031	+	483	=	1514	57	180	Yes
14:00 - 15:00	945	+	497	=	1442	44	180	Yes
12:00 - 13:00	734	+	545	=	1279	61	137	Yes
18:00 - 19:00	782	+	494	=	1276	57	130	Yes
13:00 - 14:00	720	+	477	=	1197	65	152	Yes
11:00 - 12:00	584	+	568	=	1152	53	126	Yes
06:45 - 07:45	504	+	1058	=	1562	40	70	No
06:30 - 07:30	455	+	1025	=	1480	41	75	No
06:15 - 07:15	396		988		1384	43	67	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2650

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

16 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 Buchanan St		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
15:00 - 16:00	1127	+	603	=	1730	62	144	Yes
15:15 - 16:15	1098	+	614	=	1712	59	159	Yes
15:30 - 16:30	1071	+	627	=	1698	56	166	Yes
14:45 - 15:45	1128	+	547	=	1675	56	148	Yes
15:45 - 16:45	1053	+	609	=	1662	60	166	Yes
14:30 - 15:30	1098	+	528	=	1626	56	145	Yes
17:00 - 18:00	1007	+	567	=	1574	71	162	Yes
17:15 - 18:15	988	+	576	=	1564	64	152	Yes
14:15 - 15:15	1012	+	520	=	1532	45	152	Yes
16:45 - 17:45	1034	+	493	=	1527	72	163	Yes
16:00 - 17:00	1031	+	483	=	1514	57	180	Yes
16:30 - 17:30	1038	+	473	=	1511	72	161	Yes

