

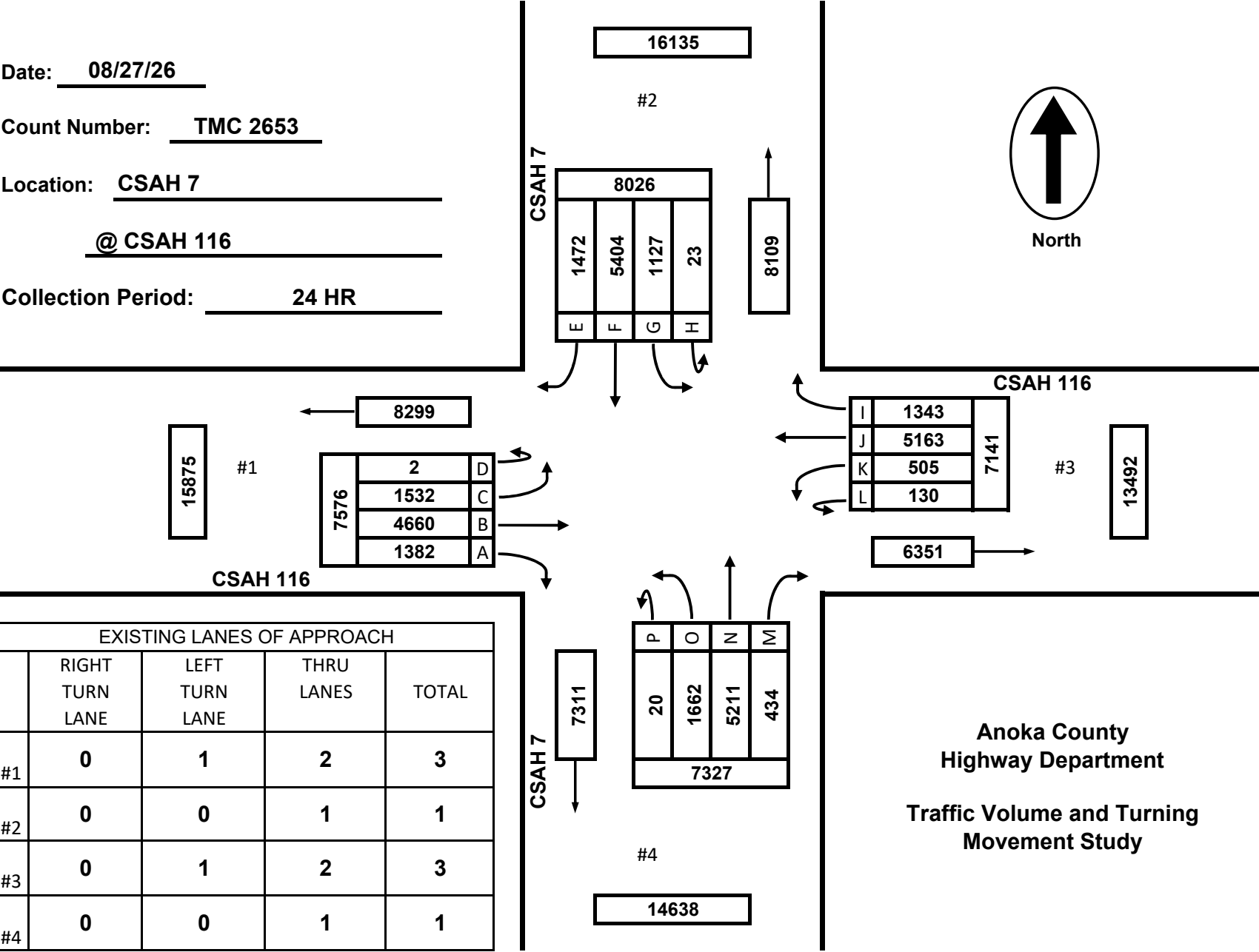
Date: 08/27/26

Count Number: TMC 2653

Location: CSAH 7

@ CSAH 116

Collection Period: 24 HR



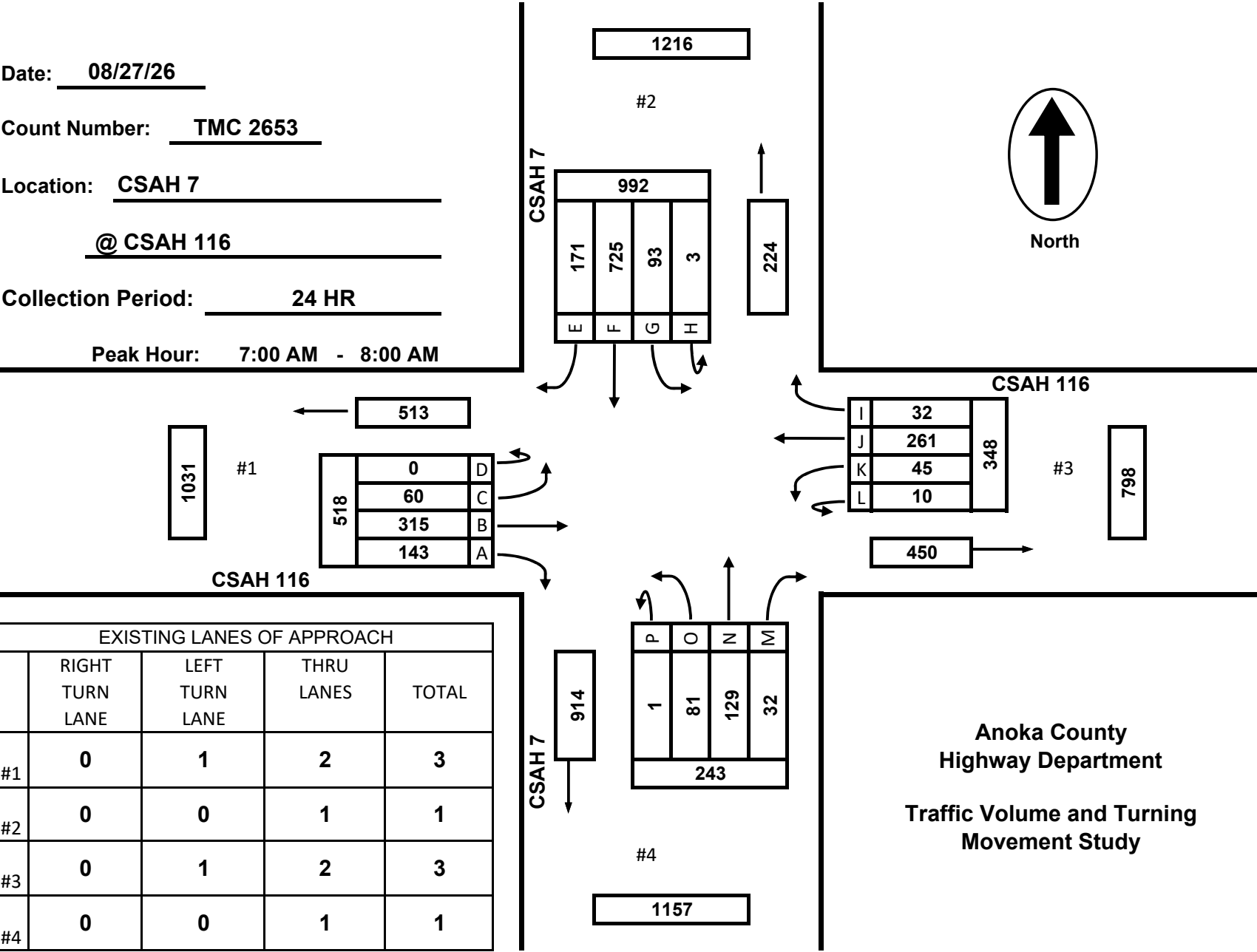
Date: 08/27/26

Count Number: TMC 2653

Location: CSAH 7
@ CSAH 116

Collection Period: 24 HR

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



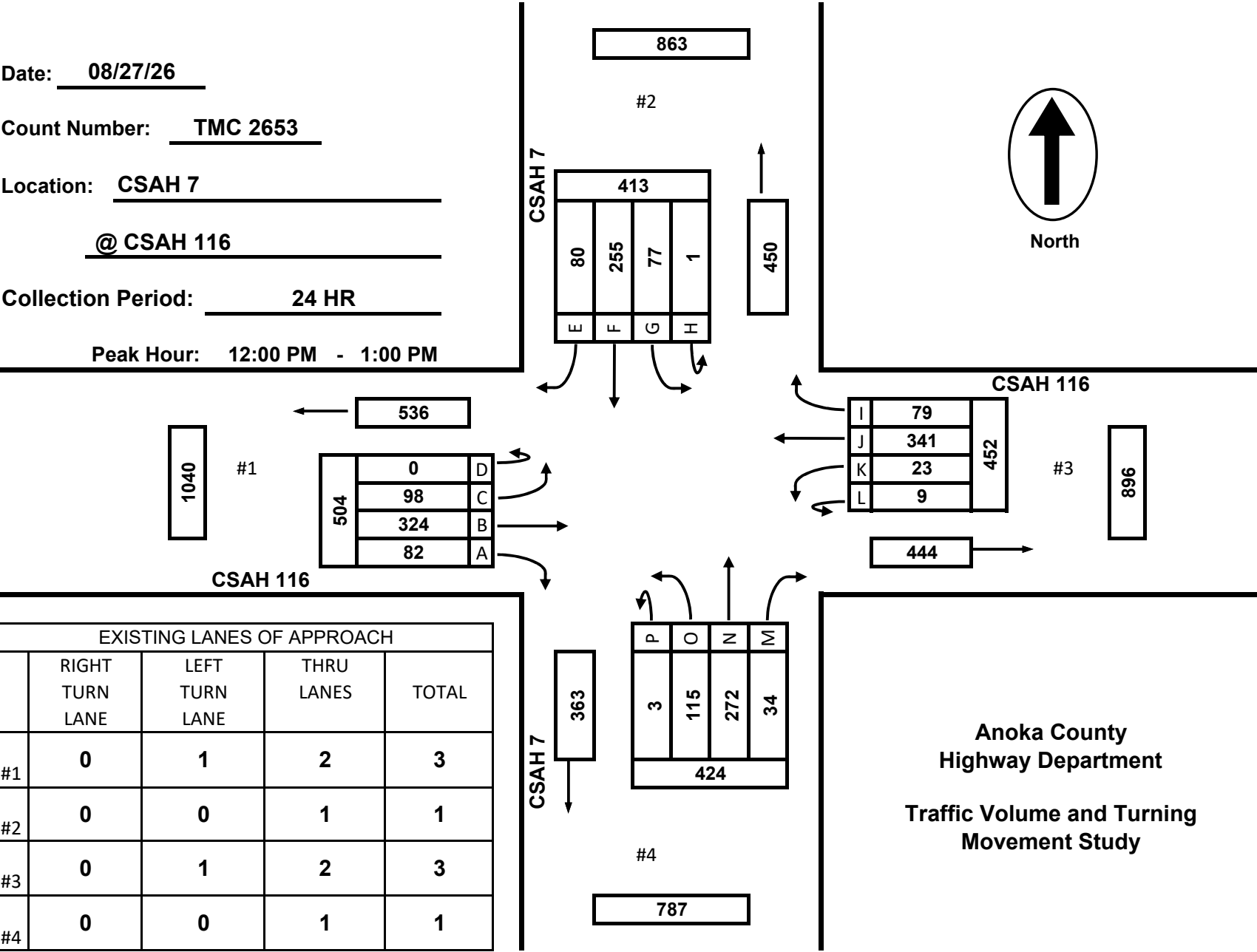
Date: 08/27/26

Count Number: TMC 2653

Location: CSAH 7
@ CSAH 116

Collection Period: 24 HR

Peak Hour: 12:00 PM - 1:00 PM



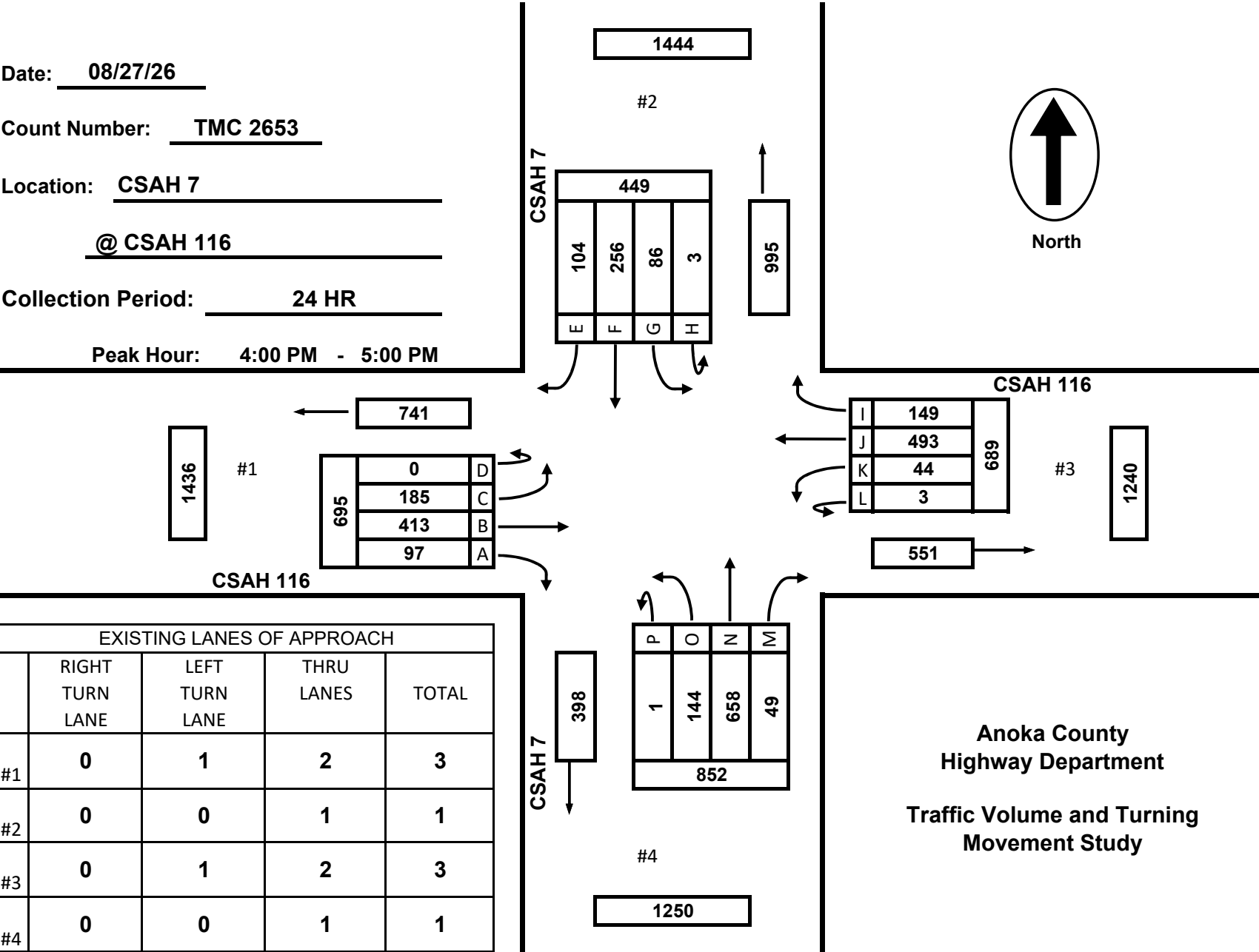
Date: 08/27/26

Count Number: TMC 2653

Location: CSAH 7
@ CSAH 116

Collection Period: 24 HR

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



TMC 2653 - CSAH 7 @ CSAH 116
Anoka MN
Thursday, August 27, 2026

Time	Southbound CSAH 7						Westbound CSAH 116						Northbound CSAH 7						Eastbound CSAH 116						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	5	2	0	7	0	2	10	3	0	15	0	1	13	1	0	15	0	1	5	0	0	6	43
12:15 AM	0	0	2	1	0	3	0	0	3	3	0	6	0	1	13	0	0	14	0	2	3	3	0	8	31
12:30 AM	0	1	3	1	0	5	0	0	4	0	0	4	0	1	2	0	0	3	0	2	6	0	0	8	20
12:45 AM	0	2	2	1	0	5	0	1	3	0	0	4	0	2	7	0	0	9	0	3	4	0	0	7	25
Hourly Total	0	3	12	5	0	20	0	3	20	6	0	29	0	5	35	1	0	41	0	8	18	3	0	29	119
1:00 AM	1	0	1	2	0	4	0	0	3	1	0	4	0	0	4	0	0	4	0	1	2	0	0	3	15
1:15 AM	0	0	3	0	0	3	0	2	4	0	0	6	0	0	5	0	0	5	0	1	1	1	0	3	17
1:30 AM	0	0	1	0	0	1	0	0	1	2	0	3	0	0	1	0	0	1	0	1	2	0	0	3	8
1:45 AM	0	1	2	2	0	5	0	1	1	0	0	2	0	1	4	0	0	5	0	1	4	2	0	7	19
Hourly Total	1	1	7	4	0	13	0	3	9	3	0	15	0	1	14	0	0	15	0	4	9	3	0	16	59
2:00 AM	0	1	1	0	0	2	0	0	1	0	0	1	0	0	6	0	0	6	0	6	5	3	0	14	23
2:15 AM	0	1	5	0	0	6	0	0	0	0	0	0	0	1	2	1	0	4	0	0	2	0	0	2	12
2:30 AM	0	0	9	0	0	9	1	1	1	0	0	3	0	2	3	1	0	6	0	4	2	1	0	7	25
2:45 AM	0	0	5	1	0	6	0	1	1	0	0	2	0	0	1	0	0	1	0	2	0	4	0	6	15
Hourly Total	0	2	20	1	0	23	1	2	3	0	0	6	0	3	12	2	0	17	0	12	9	8	0	29	75
3:00 AM	0	0	8	2	0	10	0	0	1	0	0	1	0	0	6	0	0	6	0	2	0	1	0	3	20
3:15 AM	0	0	14	2	0	16	1	1	0	0	0	2	1	1	3	0	0	5	0	0	2	1	0	3	26
3:30 AM	0	2	11	2	0	15	0	0	5	0	0	5	0	1	4	0	0	5	0	0	6	2	0	8	33
3:45 AM	0	1	14	4	0	19	1	0	1	0	0	2	0	1	1	0	0	2	0	0	2	5	0	7	30
Hourly Total	0	3	47	10	0	60	2	1	7	0	0	10	1	3	14	0	0	18	0	2	10	9	0	21	109
4:00 AM	0	0	25	1	0	26	0	1	2	0	0	3	0	0	2	0	0	2	0	1	1	1	0	3	34
4:15 AM	0	4	37	5	0	46	0	0	5	0	0	5	0	0	7	0	0	7	0	0	15	13	0	28	86
4:30 AM	0	2	42	12	0	56	0	2	11	0	0	13	0	6	3	0	0	9	0	2	5	4	0	11	89
4:45 AM	0	3	50	14	0	67	0	3	3	0	0	6	0	0	6	0	0	6	0	2	8	5	0	15	94
Hourly Total	0	9	154	32	0	195	0	6	21	0	0	27	0	6	18	0	0	24	0	5	29	23	0	57	303
5:00 AM	0	3	84	3	0	90	0	4	9	1	0	14	0	2	6	0	0	8	0	0	12	6	0	18	130
5:15 AM	0	4	93	17	0	114	0	4	14	1	0	19	0	3	4	0	0	7	0	0	8	7	0	15	155
5:30 AM	0	5	100	18	0	123	1	4	26	1	0	32	0	4	15	0	0	19	0	4	27	14	0	45	219
5:45 AM	0	9	123	27	0	159	1	6	31	2	0	40	0	4	11	0	0	15	0	7	23	7	0	37	251
Hourly Total	0	21	400	65	0	486	2	18	80	5	0	105	0	13	36	0	0	49	0	11	70	34	0	115	755
6:00 AM	0	7	130	17	0	154	1	5	29	2	0	37	1	2	20	2	0	25	0	5	33	23	0	61	277
6:15 AM	0	10	180	22	0	212	1	7	18	1	0	27	1	6	22	3	0	32	0	9	41	19	0	69	340
6:30 AM	0	16	171	26	0	213	1	5	38	2	0	46	0	1	31	0	0	32	0	9	46	26	0	81	372
6:45 AM	0	18	171	48	0	237	0	7	52	4	0	63	0	9	29	0	0	38	0	9	70	48	0	127	465
Hourly Total	0	51	652	113	0	816	3	24	137	9	0	173	2	18	102	5	0	127	0	32	190	116	0	338	1454
7:00 AM	0	38	197	29	0	264	2	8	49	8	0	67	0	16	28	8	0	52	0	10	84	35	0	129	512
7:15 AM	0	16	190	44	0	250	0	9	66	10	1	85	0	13	31	4	0	48	0	11	68	26	0	105	488
7:30 AM	1	14	179	47	0	241	5	17	79	5	0	106	0	19	39	8	2	66	0	21	70	42	0	133	546
7:45 AM	2	25	159	51	0	237	3	11	67	9	0	90	1	33	31	12	0	77	0	18	93	40	0	151	555
Hourly Total	3	93	725	171	0	992	10	45	261	32	1	348	1	81	129	32	2	243	0	60	315	143	0	518	2101

TMC 2653 - CSAH 7 @ CSAH 116
Anoka MN
Thursday, August 27, 2026

Time	Southbound CSAH 7						Westbound CSAH 116						Northbound CSAH 7						Eastbound CSAH 116						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	21	104	29	0	154	0	8	93	10	0	111	0	49	35	6	0	90	0	21	69	25	0	115	470
8:15 AM	0	16	122	32	0	170	2	8	72	8	0	90	0	29	31	2	0	62	0	20	66	22	0	108	430
8:30 AM	0	18	90	26	0	134	5	9	57	10	0	81	0	16	35	7	0	58	0	16	74	25	0	115	388
8:45 AM	0	18	108	25	0	151	0	4	75	13	0	92	1	11	38	3	1	53	0	12	70	22	0	104	400
Hourly Total	0	73	424	112	0	609	7	29	297	41	0	374	1	105	139	18	1	263	0	69	279	94	0	442	1688
9:00 AM	0	16	69	16	0	101	0	8	41	10	0	59	1	10	27	2	1	40	0	10	62	20	0	92	292
9:15 AM	1	22	88	20	3	131	1	8	46	17	1	72	0	12	42	5	0	59	0	9	62	16	0	87	349
9:30 AM	0	21	86	11	0	118	3	11	47	10	0	71	2	8	39	9	0	58	0	10	66	25	0	101	348
9:45 AM	0	26	72	23	0	121	1	3	63	15	0	82	0	13	49	7	0	69	0	19	66	19	0	104	376
Hourly Total	1	85	315	70	3	471	5	30	197	52	1	284	3	43	157	23	1	226	0	48	256	80	0	384	1365
10:00 AM	1	22	68	8	0	99	3	6	61	18	0	88	0	20	44	3	0	67	0	11	67	19	0	97	351
10:15 AM	0	18	74	13	1	105	2	1	56	13	0	72	0	13	39	6	0	58	0	11	77	13	0	101	336
10:30 AM	0	22	85	15	0	122	0	8	78	14	1	100	0	15	53	6	0	74	0	16	63	14	0	93	389
10:45 AM	0	12	61	16	0	89	2	6	62	16	0	86	2	27	41	11	0	81	0	13	69	26	0	108	364
Hourly Total	1	74	288	52	1	415	7	21	257	61	1	346	2	75	177	26	0	280	0	51	276	72	0	399	1440
11:00 AM	0	23	60	16	0	99	2	12	62	23	0	99	0	22	54	10	1	86	0	12	84	14	1	110	394
11:15 AM	0	19	72	11	3	102	2	12	77	21	1	112	0	28	48	5	0	81	0	14	65	16	0	95	390
11:30 AM	2	24	70	20	1	116	2	8	71	18	1	99	1	17	56	8	1	82	1	14	81	24	0	120	417
11:45 AM	0	19	75	16	3	110	1	12	71	16	0	100	0	34	63	8	0	105	0	19	78	28	0	125	440
Hourly Total	2	85	277	63	7	427	7	44	281	78	2	410	1	101	221	31	2	354	1	59	308	82	1	450	1641
12:00 PM	0	14	65	14	1	93	0	3	86	18	1	107	0	38	66	9	0	113	0	28	91	20	0	139	452
12:15 PM	0	23	76	23	1	122	3	10	81	21	0	115	1	20	76	3	0	100	0	25	79	21	0	125	462
12:30 PM	1	16	57	14	0	88	2	8	89	24	2	123	1	34	68	8	1	111	0	22	66	20	0	108	430
12:45 PM	0	24	57	29	0	110	4	2	85	16	0	107	1	23	62	14	0	100	0	23	88	21	0	132	449
Hourly Total	1	77	255	80	2	413	9	23	341	79	3	452	3	115	272	34	1	424	0	98	324	82	0	504	1793
1:00 PM	1	19	59	17	0	96	1	4	74	28	0	107	0	22	78	7	0	107	0	21	75	23	0	119	429
1:15 PM	0	16	54	11	0	81	1	6	70	22	0	99	0	26	93	10	0	129	0	28	76	18	0	122	431
1:30 PM	0	21	76	24	0	121	0	10	74	18	0	102	2	28	77	10	0	117	0	13	70	13	0	96	436
1:45 PM	0	20	50	18	0	88	1	4	70	16	0	91	0	30	91	8	1	129	0	26	93	18	0	137	445
Hourly Total	1	76	239	70	0	386	3	24	288	84	0	399	2	106	339	35	1	482	0	88	314	72	0	474	1741
2:00 PM	1	17	60	17	0	95	2	3	86	24	0	115	0	26	112	8	0	146	0	28	78	24	0	130	486
2:15 PM	0	17	54	19	0	90	1	6	116	23	0	146	0	28	111	4	1	143	0	37	81	22	0	140	519
2:30 PM	0	6	64	19	0	89	5	9	106	29	0	149	0	34	96	7	0	137	0	36	76	22	0	134	509
2:45 PM	0	31	73	18	0	122	2	8	92	32	0	134	0	32	136	9	0	177	0	15	67	21	0	103	536
Hourly Total	1	71	251	73	0	396	10	26	400	108	0	544	0	120	455	28	1	603	0	116	302	89	0	507	2050
3:00 PM	2	11	57	16	5	86	3	7	83	29	3	122	0	34	146	7	0	187	1	33	86	16	2	136	531
3:15 PM	1	17	61	22	1	101	2	4	86	27	0	119	0	46	162	6	0	214	0	30	74	25	0	129	563
3:30 PM	0	17	52	21	0	90	3	3	109	41	0	156	0	39	143	10	0	192	0	57	116	16	0	189	627
3:45 PM	0	24	57	21	4	102	1	8	112	37	1	158	0	50	169	10	0	229	0	43	92	26	0	161	650
Hourly Total	3	69	227	80	10	379	9	22	390	134	4	555	0	169	620	33	0	822	1	163	368	83	2	615	2371

TMC 2653 - CSAH 7 @ CSAH 116

Anoka MN

Thursday, August 27, 2026

Time	Southbound CSAH 7						Westbound CSAH 116						Northbound CSAH 7						Eastbound CSAH 116						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	1	22	49	19	2	91	0	14	135	39	0	188	1	35	140	14	0	190	0	40	123	32	0	195	664
4:15 PM	1	24	69	23	1	117	0	9	121	31	0	161	0	44	188	13	0	245	0	46	98	22	0	166	689
4:30 PM	0	18	72	30	0	120	1	9	127	34	0	171	0	27	143	14	1	184	0	51	110	19	0	180	655
4:45 PM	1	22	66	32	0	121	2	12	110	45	4	169	0	38	187	8	3	233	0	48	82	24	0	154	677
Hourly Total	3	86	256	104	3	449	3	44	493	149	4	689	1	144	658	49	4	852	0	185	413	97	0	695	2685
5:00 PM	1	10	50	18	0	79	4	7	138	31	1	180	0	49	120	10	1	179	0	49	93	17	0	159	597
5:15 PM	0	23	82	30	0	135	2	3	137	43	0	185	0	49	159	12	0	220	0	34	74	26	0	134	674
5:30 PM	0	13	68	33	0	114	6	8	138	31	4	183	1	44	124	9	4	178	0	33	81	16	0	130	605
5:45 PM	0	19	62	30	0	111	4	6	97	31	0	138	0	42	117	7	0	166	0	40	105	17	0	162	577
Hourly Total	1	65	262	111	0	439	16	24	510	136	5	686	1	184	520	38	5	743	0	156	353	76	0	585	2453
6:00 PM	3	16	56	24	2	99	3	9	104	28	0	144	0	36	112	5	0	153	0	31	84	14	0	129	525
6:15 PM	0	14	39	15	2	68	3	8	89	32	0	132	0	25	98	4	0	128	0	31	64	15	0	110	438
6:30 PM	0	15	62	22	1	99	2	11	64	26	0	103	0	21	87	6	0	114	0	26	89	22	0	137	453
6:45 PM	0	12	40	25	0	77	1	7	89	28	2	125	0	22	68	4	0	94	0	23	66	14	0	103	399
Hourly Total	3	57	197	86	5	343	9	35	346	114	2	504	1	104	365	19	0	469	0	111	303	65	0	479	1815
7:00 PM	0	17	41	16	0	74	2	8	69	23	2	102	1	29	94	6	0	130	0	11	54	16	0	81	387
7:15 PM	0	11	30	18	0	59	3	8	60	26	7	97	0	23	72	4	7	99	0	17	42	13	0	72	327
7:30 PM	0	16	36	10	3	62	2	5	100	17	2	124	0	21	81	2	1	104	0	24	44	13	2	81	371
7:45 PM	0	6	37	18	1	61	0	3	51	20	0	74	0	22	66	6	0	94	0	16	52	17	0	85	314
Hourly Total	0	50	144	62	4	256	7	24	280	86	11	397	1	95	313	18	8	427	0	68	192	59	2	319	1399
8:00 PM	1	7	36	12	0	56	1	4	59	24	2	88	0	18	67	6	3	91	0	29	61	9	0	99	334
8:15 PM	1	16	27	15	4	59	2	10	73	19	3	104	0	17	75	7	0	99	0	12	38	9	0	59	321
8:30 PM	0	7	21	9	0	37	1	9	57	21	0	88	0	21	58	3	0	82	0	17	50	11	0	78	285
8:45 PM	0	6	28	7	0	41	3	4	57	18	1	82	0	21	48	8	0	77	0	17	35	12	0	64	264
Hourly Total	2	36	112	43	4	193	7	27	246	82	6	362	0	77	248	24	3	349	0	75	184	41	0	300	1204
9:00 PM	0	6	21	15	0	42	2	4	49	10	0	65	0	14	62	3	0	79	0	16	21	4	0	41	227
9:15 PM	0	7	18	8	0	33	0	4	46	14	0	64	0	3	47	2	0	52	0	12	17	6	0	35	184
9:30 PM	0	5	12	7	0	24	3	2	39	15	0	59	0	17	46	0	0	63	0	6	12	9	0	27	173
9:45 PM	0	3	10	9	0	22	0	1	22	12	0	35	0	8	27	2	0	37	0	12	15	5	0	32	126
Hourly Total	0	21	61	39	0	121	5	11	156	51	0	223	0	42	182	7	0	231	0	46	65	24	0	135	710
10:00 PM	0	3	21	7	0	31	0	1	19	3	0	23	0	11	29	3	0	43	0	16	14	4	0	34	131
10:15 PM	0	4	13	3	0	20	1	4	37	9	0	51	0	4	40	3	0	47	0	10	17	4	0	31	149
10:30 PM	0	4	12	2	0	18	3	5	18	4	0	30	0	4	26	0	0	30	0	7	14	5	0	26	104
10:45 PM	0	1	6	2	0	9	2	0	30	2	0	34	0	4	23	0	0	27	0	10	10	2	0	22	92
Hourly Total	0	12	52	14	0	78	6	10	104	18	0	138	0	23	118	6	0	147	0	43	55	15	0	113	476
11:00 PM	0	4	12	4	0	20	0	1	10	5	0	16	0	6	24	0	0	30	0	5	5	6	0	16	82
11:15 PM	0	0	8	4	0	12	1	5	11	4	0	21	0	5	16	1	0	22	0	4	3	4	0	11	66
11:30 PM	0	1	5	3	0	9	0	1	9	4	0	14	0	13	11	2	0	26	0	4	6	2	0	12	61
11:45 PM	0	2	2	1	0	5	1	2	9	2	0	14	0	5	16	2	0	23	0	9	4	0	0	13	55
Hourly Total	0	7	27	12	0	46	2	9	39	15	0	65	0	29	67	5	0	101	0	22	18	12	0	52	264
DAILY TOTAL	23	1127	5404	1472	39	8026	130	505	5163	1343	40	7141	20	1662	5211	434	29	7327	2	1532	4660	1382	5	7576	30070
Cars	23	1115	5335	1424	12	7897	130	498	5065	1332	27	7025	20	1649	5120	427	18	7216	2	1494	4568	1364	2	7428	29566
Heavy Vehicles	0	12	69	48	27	129	0	7	98	11	13	116	0	13	91	7	11	111	0	38	92	18	3	148	504
Heavy Vehicle %	0.00%	1.06%	1.28%	3.26%	69.23%	1.61%	0.00%	1.39%	1.90%	0.82%	32.50%	1.62%	0.00%	0.78%	1.75%	1.61%	37.93%	1.51%	0.00%	2.48%	1.97%	1.30%	60.00%	1.95%	1.68%

TMC 2653 - CSAH 7 @ CSAH 116
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	38	197	29	0	264	2	8	49	8	0	67	0	16	28	8	0	52	0	10	84	35	0	129	512
7:15 AM	0	16	190	44	0	250	0	9	66	10	1	85	0	13	31	4	0	48	0	11	68	26	0	105	488
7:30 AM	1	14	179	47	0	241	5	17	79	5	0	106	0	19	39	8	2	66	0	21	70	42	0	133	546
7:45 AM	2	25	159	51	0	237	3	11	67	9	0	90	1	33	31	12	0	77	0	18	93	40	0	151	555
Peak Hour Total	3	93	725	171	0	992	10	45	261	32	1	348	1	81	129	32	2	243	0	60	315	143	0	518	2101
Peak Hour Heavy Vehicles	0	1	8	4	0	13	0	0	9	1	0	10	0	0	3	0	0	3	0	5	7	7	0	19	45
Peak Hour Heavy Vehicles % PHF	0.00%	1.08%	1.10%	2.34%	0.00%	1.31%	0.00%	0.00%	3.45%	3.13%	0.00%	2.87%	0.00%	0.00%	2.33%	0.00%	0.00%	1.23%	0.00%	8.33%	2.22%	4.90%	0.00%	3.67%	2.14%
	0.375	0.612	0.920	0.838	0.000	0.939	0.500	0.662	0.826	0.800	0.250	0.821	0.250	0.614	0.827	0.667	0.250	0.789	0.000	0.714	0.847	0.851	0.000	0.858	0.946

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	
12:00 PM	0	14	65	14	1	93	0	3	86	18	1	107	0	38	66	9	0	113	0	28	91	20	0	139	452
12:15 PM	0	23	76	23	1	122	3	10	81	21	0	115	1	20	76	3	0	100	0	25	79	21	0	125	462
12:30 PM	1	16	57	14	0	88	2	8	89	24	2	123	1	34	68	8	1	111	0	22	66	20	0	108	430
12:45 PM	0	24	57	29	0	110	4	2	85	16	0	107	1	23	62	14	0	100	0	23	88	21	0	132	449
Peak Hour Total	1	77	255	80	2	413	9	23	341	79	3	452	3	115	272	34	1	424	0	98	324	82	0	504	1793
Peak Hour Heavy Vehicles	0	1	3	5	0	9	0	0	10	1	0	11	0	0	6	0	0	6	0	0	8	0	0	8	34
Peak Hour Heavy Vehicles % PHF	0.00%	1.30%	1.18%	6.25%	0.00%	2.18%	0.00%	0.00%	2.93%	1.27%	0.00%	2.43%	0.00%	0.00%	2.21%	0.00%	0.00%	1.42%	0.00%	0.00%	2.47%	0.00%	0.00%	1.59%	1.90%
	0.250	0.802	0.839	0.690	0.500	0.846	0.563	0.575	0.958	0.823	0.375	0.919	0.750	0.757	0.895	0.607	0.250	0.938	0.000	0.875	0.890	0.976	0.000	0.906	0.970

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	1	22	49	19	2	91	0	14	135	39	0	188	1	35	140	14	0	190	0	40	123	32	0	195	664
4:15 PM	1	24	69	23	1	117	0	9	121	31	0	161	0	44	188	13	0	245	0	46	98	22	0	166	689
4:30 PM	0	18	72	30	0	120	1	9	127	34	0	171	0	27	143	14	1	184	0	51	110	19	0	180	655
4:45 PM	1	22	66	32	0	121	2	12	110	45	4	169	0	38	187	8	3	233	0	48	82	24	0	154	677
Peak Hour Total	3	86	256	104	3	449	3	44	493	149	4	689	1	144	658	49	4	852	0	185	413	97	0	695	2685
Peak Hour Heavy Vehicles	0	1	1	4	3	6	0	0	5	1	1	6	0	2	8	0	3	10	0	4	2	1	0	7	29
Peak Hour Heavy Vehicles % PHF	0.00%	1.16%	0.39%	3.85%	100.00%	1.34%	0.00%	0.00%	1.01%	0.67%	25.00%	0.87%	0.00%	1.39%	1.22%	0.00%	75.00%	1.17%	0.00%	2.16%	0.48%	1.03%	0.00%	1.01%	1.08%
	0.750	0.896	0.889	0.813	0.375	0.928	0.375	0.786	0.913	0.828	0.250	0.916	0.250	0.818	0.875	0.875	0.333	0.869	0.000	0.907	0.839	0.758	0.000	0.891	0.974

Total Vehicles On Leg			16135		
Vehicles Entering Intersection		8026	Vehicles Exiting Intersection 8109		
Southbound					
Cars	1424	5335	1115	23	12
Heavy	48	69	12	0	27
Total	1472	5404	1127	23	39

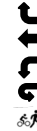


Total Vehicles on Leg	Vehicles Entering Intersection	Eastbound	Cars	Heavy	Total
	7576		2	3	5
15875	Vehicles Exiting Intersection 8299		2	0	2
			1494	38	1532
			4568	92	4660
			1364	18	1382



Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection	Total Vehicles on Leg
1332	11	1343		7141	13492
5065	98	5163			
498	7	505			
130	0	130			
27	13	40	Vehicles Exiting Intersection		
				6351	



Cars	18	20	1649	5120	427
Heavy	11	0	13	91	7
Total	29	20	1662	5211	434
Northbound					
Vehicles Entering Intersection			Vehicles Exiting Intersection		
7327			7311		
Total Vehicles On Leg			14638		

TMC 2653 - CSAH 7 @ CSAH 116

Anoka MN

Thursday, August 27, 2026

Time	Southbound Heavy CSAH 7						Westbound Heavy CSAH 116						Northbound Heavy CSAH 7						Eastbound Heavy CSAH 116						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	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	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	1	0	0	0	1	2
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	3
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	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3
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	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	0	0	0	0	0
4:15 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
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	0	0	0	0	0	0	1	0	0	1	3
5:00 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
5:15 AM	0	0	2	0	0	2	0	0	1	0	0	1	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
5:45 AM	0	0	2	0	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	4
Hourly 'Heavy Vehicles'	0	0	5	0	0	5	0	0	2	0	0	2	0	0	1	0	0	1	0	0	1	0	0	1	9
6:00 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	5
6:15 AM	0	0	3	1	0	4	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	6
6:30 AM	0	0	1	0	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0	1	1	0	0	2	5
6:45 AM	0	0	2	1	0	3	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	2	0	2	7
Hourly 'Heavy Vehicles'	0	0	8	2	0	10	0	2	3	0	0	5	0	1	3	0	0	4	0	1	1	2	0	4	23
7:00 AM	0	1	3	1	0	5	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	3	0	4	11
7:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	2	2	0	5	6
7:30 AM	0	0	2	2	0	4	0	0	6	0	0	6	0	0	1	0	0	1	0	1	2	1	0	4	15
7:45 AM	0	0	3	1	0	4	0	0	1	1	0	2	0	0	1	0	0	1	0	3	2	1	0	6	13
Hourly 'Heavy Vehicles'	0	1	8	4	0	13	0	0	9	1	0	10	0	0	3	0	0	3	0	5	7	7	0	19	45

TMC 2653 - CSAH 7 @ CSAH 116

Anoka MN

Thursday, August 27, 2026

	Southbound Heavy CSAH 7						Westbound Heavy CSAH 116						Northbound Heavy CSAH 7						Eastbound Heavy CSAH 116						VEHICLE 'Heavy Vehicles'
Time	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	2	0	0	2	0	3	3	1	0	7	0	1	4	1	0	6	17
8:15 AM	0	0	2	1	0	3	0	0	7	0	0	7	0	0	5	0	0	5	0	2	3	2	0	7	22
8:30 AM	0	0	2	2	0	4	0	0	3	0	0	3	0	0	4	0	0	4	0	1	6	1	0	8	19
8:45 AM	0	0	1	1	0	2	0	0	3	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	8
Hourly 'Heavy Vehicles'	0	0	7	4	0	11	0	0	15	0	0	15	0	3	13	1	0	17	0	4	15	4	0	23	66
9:00 AM	0	1	1	0	0	2	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	1	0	1	5
9:15 AM	0	0	1	1	2	2	0	0	2	1	0	3	0	0	3	0	0	3	0	0	2	0	0	2	10
9:30 AM	0	1	2	0	0	3	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	2	6
9:45 AM	0	0	0	1	0	1	0	0	2	0	0	2	0	0	3	1	0	4	0	1	4	1	0	6	13
Hourly 'Heavy Vehicles'	0	2	4	2	2	8	0	0	5	1	0	6	0	0	7	2	0	9	0	1	8	2	0	11	34
10:00 AM	0	1	0	0	0	1	0	1	1	0	0	2	0	0	1	0	0	1	0	0	2	0	0	2	6
10:15 AM	0	0	1	2	1	3	0	0	4	0	0	4	0	0	2	0	0	2	0	0	3	0	0	3	12
10:30 AM	0	0	0	2	0	2	0	1	1	0	0	2	0	2	2	1	0	5	0	1	2	0	0	3	12
10:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	0	0	3	0	0	3	6
Hourly 'Heavy Vehicles'	0	1	2	4	1	7	0	2	6	0	0	8	0	2	7	1	0	10	0	1	10	0	0	11	36
11:00 AM	0	0	1	0	0	1	0	0	3	1	0	4	0	1	2	0	1	3	0	0	4	0	1	4	12
11:15 AM	0	1	4	0	3	5	0	0	2	1	0	3	0	0	2	0	0	2	0	2	1	0	0	3	13
11:30 AM	0	1	0	1	0	2	0	0	2	1	0	3	0	0	1	0	1	1	0	1	3	1	0	5	11
11:45 AM	0	1	1	0	3	2	0	0	2	1	0	3	0	0	1	0	0	1	0	1	4	0	0	5	11
Hourly 'Heavy Vehicles'	0	3	6	1	6	10	0	0	9	4	0	13	0	1	6	0	2	7	0	4	12	1	1	17	47
12:00 PM	0	0	0	1	0	1	0	0	1	0	0	1	0	0	3	0	0	3	0	0	3	0	0	3	8
12:15 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	1	0	0	1	0	0	3	0	0	3	7
12:30 PM	0	1	2	1	0	4	0	0	3	1	0	4	0	0	2	0	0	2	0	0	1	0	0	1	11
12:45 PM	0	0	1	3	0	4	0	0	3	0	0	3	0	0	0	0	0	0	0	0	1	0	0	1	8
Hourly 'Heavy Vehicles'	0	1	3	5	0	9	0	0	10	1	0	11	0	0	6	0	0	6	0	0	8	0	0	8	34
1:00 PM	0	0	3	2	0	5	0	0	1	0	0	1	0	0	3	0	0	3	0	1	2	1	0	4	13
1:15 PM	0	1	1	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	2	1	0	0	3	9
1:30 PM	0	2	1	0	0	3	0	0	3	0	0	3	0	0	1	1	0	2	0	1	3	0	0	4	12
1:45 PM	0	0	3	0	0	3	0	0	1	0	0	1	0	0	1	0	1	1	0	0	1	0	0	1	6
Hourly 'Heavy Vehicles'	0	3	8	2	0	13	0	0	7	0	0	7	0	0	7	1	1	8	0	4	7	1	0	12	40
2:00 PM	0	0	1	2	0	3	0	0	2	0	0	2	0	0	3	1	0	4	0	1	0	0	0	1	10
2:15 PM	0	0	1	3	0	4	0	0	5	0	0	5	0	0	2	0	1	2	0	2	2	0	0	4	15
2:30 PM	0	0	2	1	0	3	0	0	7	0	0	7	0	1	2	0	0	3	0	1	3	0	0	4	17
2:45 PM	0	0	4	0	0	4	0	0	2	2	0	4	0	1	3	0	0	4	0	1	1	0	0	2	14
Hourly 'Heavy Vehicles'	0	0	8	6	0	14	0	0	16	2	0	18	0	2	10	1	1	13	0	5	6	0	0	11	56
3:00 PM	0	0	1	2	3	3	0	1	3	0	3	4	0	1	1	0	0	2	0	3	1	0	0	4	13
3:15 PM	0	0	1	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	5
3:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	1	3	0	0	4	6
3:45 PM	0	0	0	3	4	3	0	0	1	0	0	1	0	0	3	0	0	3	0	1	3	0	0	4	11
Hourly 'Heavy Vehicles'	0	0	2	7	8	9	0	1	5	0	3	6	0	1	5	0	0	6	0	6	8	0	0	14	35

TMC 2653 - CSAH 7 @ CSAH 116

Anoka MN

Thursday, August 27, 2026

Time	Southbound Heavy CSAH 7						Westbound Heavy CSAH 116						Northbound Heavy CSAH 7						Eastbound Heavy CSAH 116						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	2	1	0	0	2	1	0	3	0	0	1	0	0	1	0	1	1	0	0	2	7	
4:15 PM	0	0	0	2	1	2	0	0	2	0	0	2	0	0	1	0	0	1	0	1	0	1	0	2	7	
4:30 PM	0	1	0	2	0	3	0	0	0	0	0	0	0	1	3	0	1	4	0	1	1	0	0	2	9	
4:45 PM	0	0	0	0	0	0	0	0	1	0	1	1	0	1	3	0	0	4	0	1	0	0	0	1	6	
Hourly 'Heavy Vehicles'	0	1	1	4	3	6	0	0	5	1	1	6	0	2	8	0	1	10	0	4	2	1	0	7	29	
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0	4	
5:15 PM	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
5:30 PM	0	0	0	1	0	1	0	0	0	0	2	0	0	0	2	0	2	2	0	0	0	0	0	0	3	
5:45 PM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	
Hourly 'Heavy Vehicles'	0	0	0	4	0	4	0	0	0	0	2	0	0	0	7	0	3	7	0	0	0	0	0	0	0	11
6:00 PM	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	
6:15 PM	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	
6:30 PM	0	0	0	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	3	
6:45 PM	0	0	1	0	0	1	0	0	1	0	2	1	0	0	2	0	0	2	0	0	1	0	0	1	5	
Hourly 'Heavy Vehicles'	0	0	1	1	5	2	0	0	2	0	2	2	0	0	3	0	0	3	0	1	3	0	0	4	11	
7:00 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	
7:15 PM	0	0	0	1	0	1	0	0	0	0	3	0	0	1	1	0	0	2	0	0	0	0	0	0	3	
7:30 PM	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	
7:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	2	
Hourly 'Heavy Vehicles'	0	0	0	1	2	1	0	1	0	1	3	2	0	1	2	0	0	3	0	0	0	0	2	0	0	6
8:00 PM	0	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	3	0	0	0	0	0	0	0	1	
8:15 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	
8:30 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	
8:45 PM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	1	1	0	2	2	0	0	1	1	3	2	0	0	0	0	0	0	0	5
9:00 PM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
9:15 PM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly 'Heavy Vehicles'	0	0	1	1	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:45 PM	0	0	0	0	0	0	0	0	1	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	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	
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	1	0	0	1	2	
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	1	1	0	0	2	3	
DAILY 'Heavy Vehicles'	0	12	69	48	27	129	0	7	98	11	13	116	0	13	91	7	11	111	0	38	92	18	3	148	504	

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2653

Study Date : 09/11/2026

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 7

Number of Lanes : 2+

Total Approach Volume: 7,327

Southbound: CSAH 7

Number of Lanes :2+

Total Approach Volume: 8,026

Minor Street Approaches

Eastbound: CSAH 116

Number of Lanes :2+

Total Approach Volume: 6,194

Westbound: CSAH 116

Number of Lanes :2+

Total Approach Volume: 5,798

Warrant Summary (Rural Values Apply)

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

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

Required volumes reached for 17 hours, 8 are needed

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

Required volumes reached for 17 hours, 8 are needed

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

Required 1A volumes reached for 18 hours, 8 are needed

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

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

Number of hours (15) 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 2653

Study Date : 09/11/2026

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

17 one hour periods meet minimums.
Warrant IS met.

Site Data Required

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

Volume Requirements

Rural Factor of 70 % applied
Veh/Hr Major = **252**

Veh/Hr Minor = **84**

Major Road						Minor Road		
CSAH 7						CSAH 116		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
16:00 - 17:00	852	+	449	=	1301	598	540	Yes
07:00 - 08:00	243	+	992	=	1235	375	316	Yes
15:00 - 16:00	822	+	379	=	1201	532	421	Yes
17:00 - 18:00	743	+	439	=	1182	509	550	Yes
14:00 - 15:00	603	+	396	=	999	418	436	Yes
06:00 - 07:00	127	+	816	=	943	222	164	Yes
08:00 - 09:00	263	+	609	=	872	348	333	Yes
13:00 - 14:00	482	+	386	=	868	402	315	Yes
12:00 - 13:00	424	+	413	=	837	422	373	Yes
18:00 - 19:00	489	+	343	=	832	414	390	Yes
11:00 - 12:00	354	+	427	=	781	368	332	Yes
09:00 - 10:00	226	+	471	=	697	304	232	Yes
10:00 - 11:00	280	+	415	=	695	327	285	Yes
19:00 - 20:00	427	+	256	=	683	260	311	Yes
20:00 - 21:00	349	+	193	=	542	259	280	Yes
05:00 - 06:00	49	+	486	=	535	81	100	Yes
21:00 - 22:00	231	+	121	=	352	111	172	Yes
04:45 - 05:45	40	+	394	=	434	61	68	No
04:30 - 05:30	30	+	327	=	357	37	50	No
04:15 - 05:15	30	+	259	=	289	44	37	No
22:00 - 23:00	147	+	78	=	225	98	120	No
04:00 - 05:00	24	+	195	=	219	34	27	No
22:15 - 23:15	134	+	67	=	201	78	111	No
22:30 - 23:30	109	+	59	=	168	58	86	No
03:45 - 04:45	20		147		167	26	23	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2653

Study Date : 09/11/2026

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

17 one hour periods meet minimums.
Warrant IS met.

Site Data Required

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

Volume Requirements

Rural Factor of 70 % applied
Veh/Hr Major = **378**

Veh/Hr Minor = **42**

Major Road						Minor Road		
CSAH 7						CSAH 116		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
15:45 - 16:45	848	+	430	=	1278	603	537	Yes
16:45 - 17:45	810	+	449	=	1259	494	567	Yes
06:45 - 07:45	204	+	992	=	1196	343	294	Yes
14:45 - 15:45	770	+	399	=	1169	479	402	Yes
07:45 - 08:45	287	+	695	=	982	377	335	Yes
17:45 - 18:45	561	+	377	=	938	470	400	Yes
13:45 - 14:45	555	+	362	=	917	455	409	Yes
12:45 - 13:45	453	+	408	=	861	394	331	Yes
11:45 - 12:45	429	+	413	=	842	408	366	Yes
05:45 - 06:45	104	+	738	=	842	173	143	Yes
10:45 - 11:45	330	+	406	=	736	353	318	Yes
09:45 - 10:45	268	+	447	=	715	330	282	Yes
08:45 - 09:45	210	+	501	=	711	301	244	Yes
18:45 - 19:45	427	+	272	=	699	281	354	Yes
19:45 - 20:45	366	+	213	=	579	275	270	Yes
04:45 - 05:45	40	+	394	=	434	61	68	Yes
20:45 - 21:45	271	+	140	=	411	136	213	Yes
04:30 - 05:30	30	+	327	=	357	37	50	No
04:15 - 05:15	30	+	259	=	289	44	37	No
21:45 - 22:45	157	+	91	=	248	105	111	No
22:00 - 23:00	147	+	78	=	225	98	120	No
04:00 - 05:00	24	+	195	=	219	34	27	No
22:15 - 23:15	134	+	67	=	201	78	111	No
22:30 - 23:30	109	+	59	=	168	58	86	No
03:45 - 04:45	20		147		167	26	23	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2653

Study Date : 09/11/2026

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

18 hours meet 1A minimums.
17 hours meet 1B minimums.
Warrant IS met.

Site Data Required

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

Volume Requirements

Rural Factor of 70% applied
Warrant 1A 1B
Veh/Hr Major = **202 302**

Veh/Hr Minor = **67 34**

Major Road						Minor Road				
CSAH 7						CSAH 116				
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1A?		
15:45 - 16:45	848	+	430	=	1278	603	537	Yes		
16:45 - 17:45	810	+	449	=	1259	494	567	Yes		
06:45 - 07:45	204	+	992	=	1196	343	294	Yes		
14:45 - 15:45	770	+	399	=	1169	479	402	Yes		
07:45 - 08:45	287	+	695	=	982	377	335	Yes		
17:45 - 18:45	561	+	377	=	938	470	400	Yes		
13:45 - 14:45	555	+	362	=	917	455	409	Yes		
12:45 - 13:45	453	+	408	=	861	394	331	Yes		
11:45 - 12:45	429	+	413	=	842	408	366	Yes		
05:45 - 06:45	104	+	738	=	842	173	143	Yes		
10:45 - 11:45	330	+	406	=	736	353	318	Yes		
09:45 - 10:45	268		447		715	330	282	Yes		

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1B?	
16:30 - 17:30	816	+	455	=	1271	541	552	Yes	
15:30 - 16:30	856	+	400	=	1256	615	515	Yes	
06:30 - 07:30	170	+	964	=	1134	307	237	Yes	
14:30 - 15:30	715	+	398	=	1113	418	407	Yes	
07:30 - 08:30	295	+	802	=	1097	378	365	Yes	
17:30 - 18:30	625	+	392	=	1017	469	475	Yes	
13:30 - 14:30	535	+	394	=	929	426	373	Yes	
11:30 - 12:30	400	+	441	=	841	416	348	Yes	
12:30 - 13:30	447	+	375	=	822	399	346	Yes	
18:30 - 19:30	437	+	309	=	746	328	324	Yes	
05:30 - 06:30	91	+	648	=	739	149	130	Yes	
10:30 - 11:30	322		412		734	336	323	Yes	

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2653

Study Date : 09/11/2026

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.

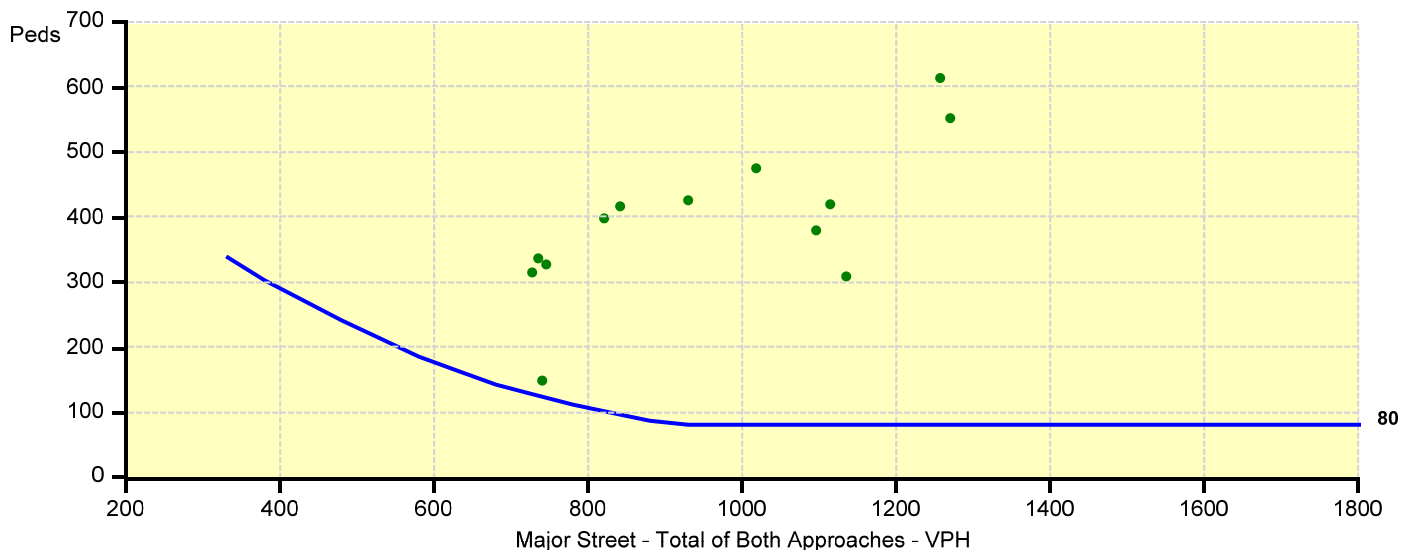
Summary

15 one hour periods meet minimums.
Warrant IS met.

Site Data Required

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

Major Road CSAH 7						Minor Road CSAH 116		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
16:30 - 17:30	816	+	455	=	1271	541	552	Yes
15:30 - 16:30	856	+	400	=	1256	615	515	Yes
06:30 - 07:30	170	+	964	=	1134	307	237	Yes
14:30 - 15:30	715	+	398	=	1113	418	407	Yes
07:30 - 08:30	295	+	802	=	1097	378	365	Yes
17:30 - 18:30	625	+	392	=	1017	469	475	Yes
13:30 - 14:30	535	+	394	=	929	426	373	Yes
11:30 - 12:30	400	+	441	=	841	416	348	Yes
12:30 - 13:30	447	+	375	=	822	399	346	Yes
18:30 - 19:30	437	+	309	=	746	328	324	Yes
05:30 - 06:30	91	+	648	=	739	149	130	Yes
10:30 - 11:30	322	+	412	=	734	336	323	Yes



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2653

Study Date : 09/11/2026

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

55 one hour periods meet minimums.
Warrant IS met.

Site Data Required

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

Major Road CSAH 7						Minor Road CSAH 116		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
16:00 - 17:00	852	+	449	=	1301	598	540	Yes
15:45 - 16:45	848	+	430	=	1278	603	537	Yes
16:15 - 17:15	841	+	437	=	1278	577	540	Yes
16:30 - 17:30	816	+	455	=	1271	541	552	Yes
16:45 - 17:45	810	+	449	=	1259	494	567	Yes
15:30 - 16:30	856	+	400	=	1256	615	515	Yes
07:00 - 08:00	243	+	992	=	1235	375	316	Yes
15:15 - 16:15	825	+	384	=	1209	575	477	Yes
15:00 - 16:00	822	+	379	=	1201	532	421	Yes
06:45 - 07:45	204	+	992	=	1196	343	294	Yes
17:00 - 18:00	743	+	439	=	1182	509	550	Yes
17:15 - 18:15	717	+	459	=	1176	482	517	Yes

