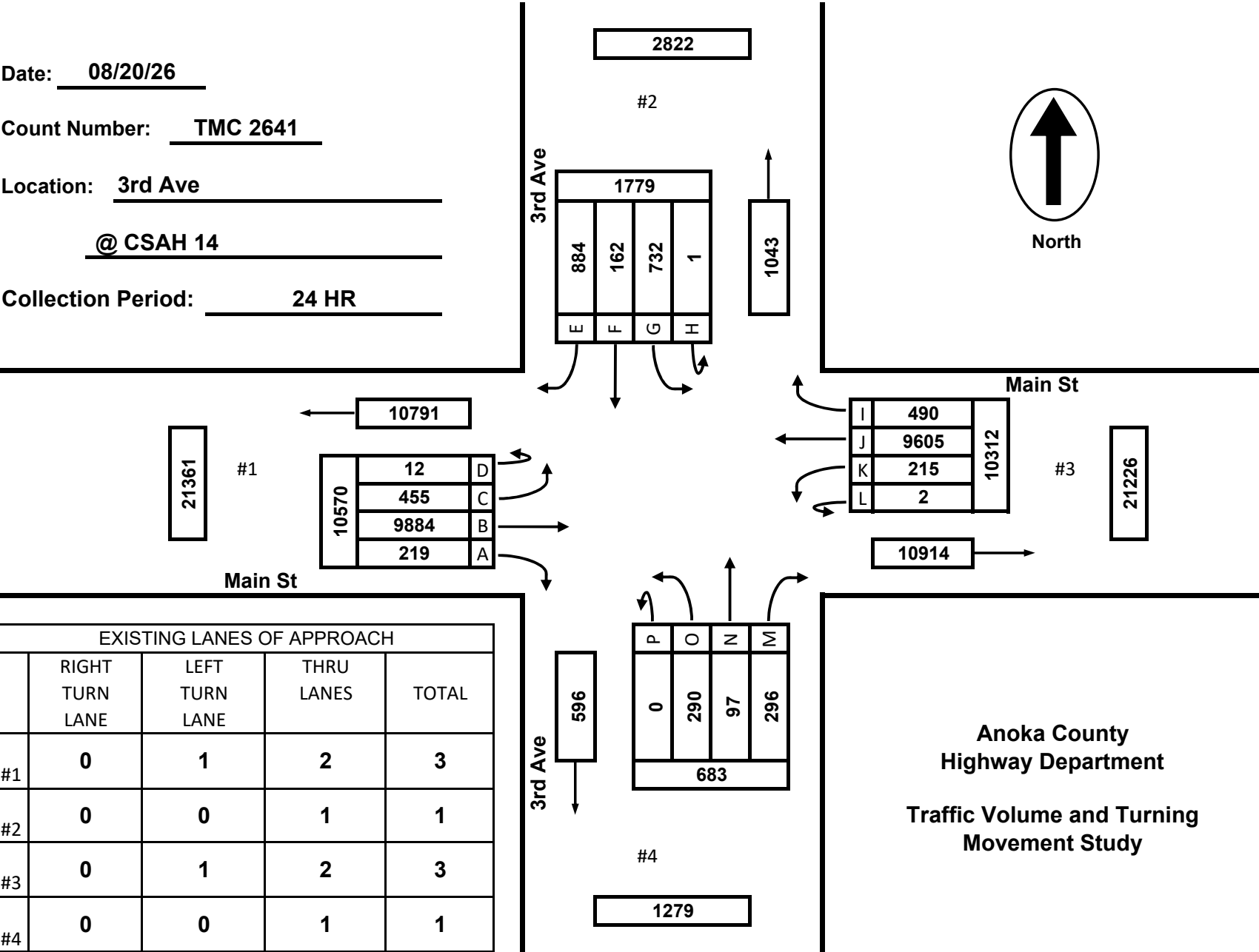


Date: 08/20/26

Count Number: TMC 2641

Location: 3rd Ave
@ CSAH 14

Collection Period: 24 HR



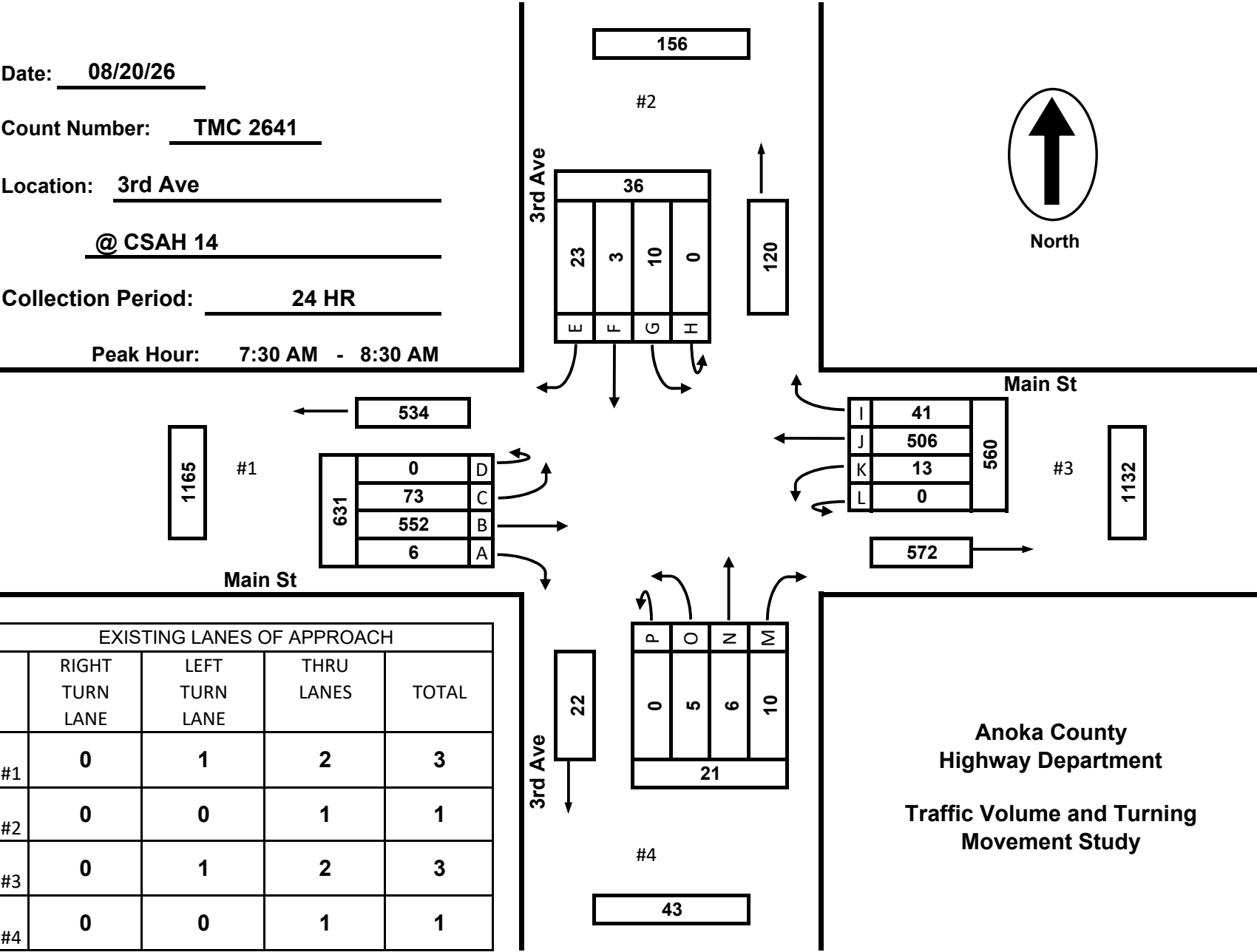
Date: 08/20/26

Count Number: TMC 2641

Location: 3rd Ave
@ CSAH 14

Collection Period: 24 HR

Peak Hour: 7:30 AM - 8:30 AM



Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

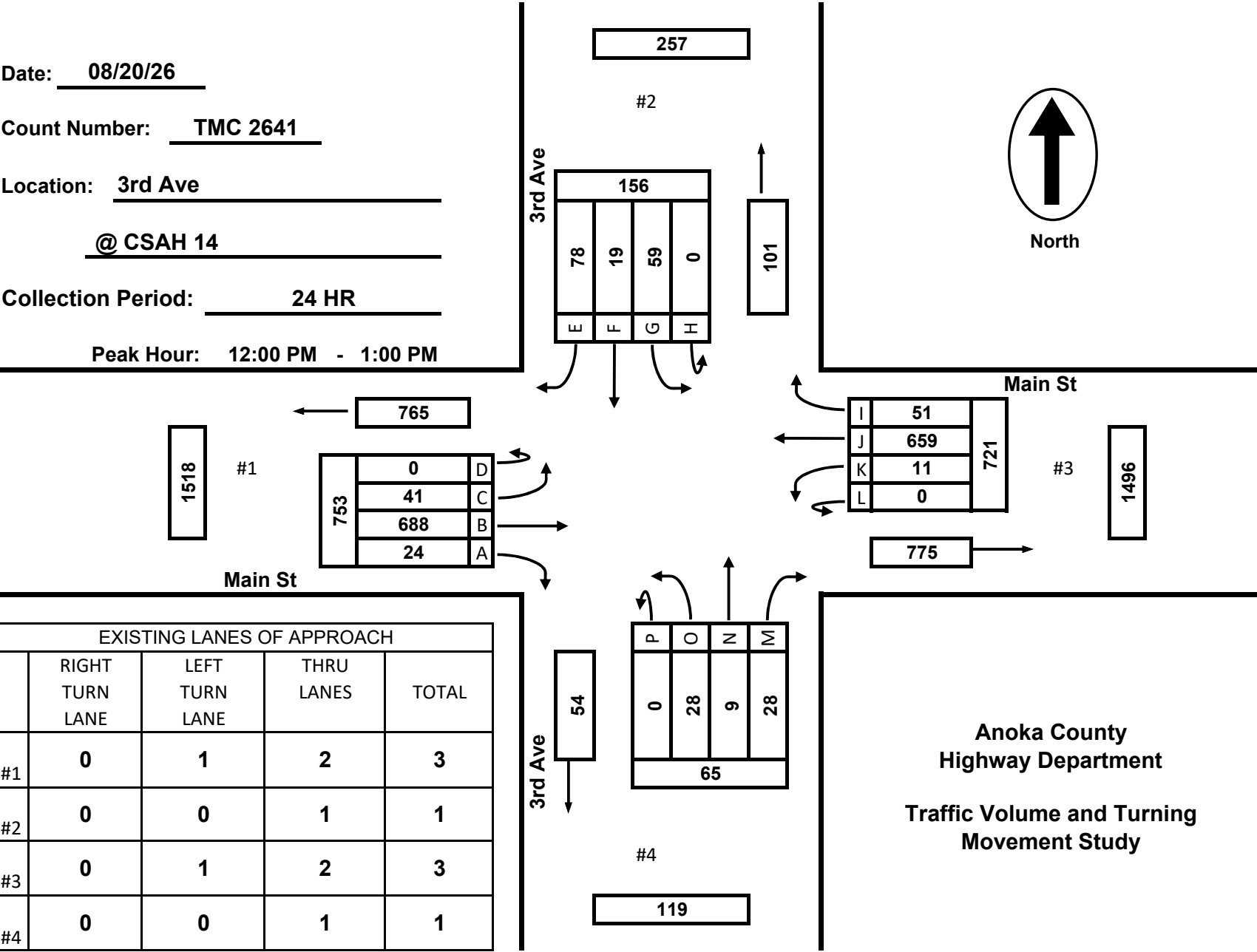
Date: 08/20/26

Count Number: TMC 2641

Location: 3rd Ave
@ CSAH 14

Collection Period: 24 HR

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



Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

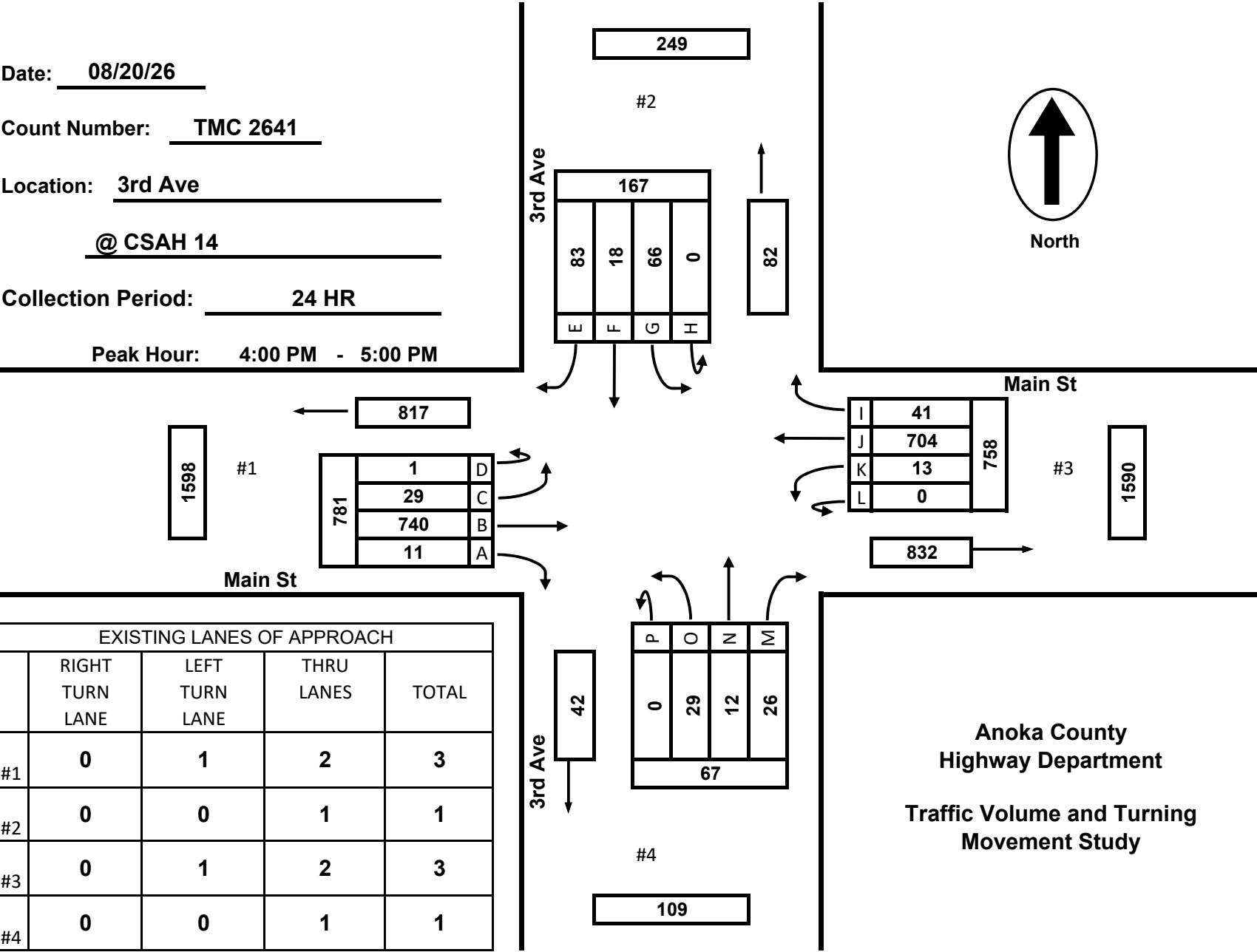
Date: 08/20/26

Count Number: TMC 2641

Location: 3rd Ave
@ CSAH 14

Collection Period: 24 HR

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



TMC 2641 - 3rd Ave @ CSAH 14
Anoka MN
Thursday, August 20, 2026

Time	Southbound 3rd Ave						Westbound Main St						Northbound 3rd Ave						Eastbound Main St						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
12:00 AM	0	5	0	2	2	7	0	0	20	0	3	20	0	0	0	0	0	0	0	0	12	0	0	12	39
12:15 AM	0	5	0	1	1	6	0	0	14	0	0	14	0	0	0	0	3	0	0	0	14	0	0	14	34
12:30 AM	0	2	0	3	1	5	0	0	18	0	0	18	0	0	0	0	1	0	0	0	15	0	0	15	38
12:45 AM	0	5	1	1	1	7	1	0	16	0	0	17	0	1	0	0	1	1	0	0	11	0	0	11	36
Hourly Total	0	17	1	7	5	25	1	0	68	0	3	69	0	1	0	0	5	1	0	0	52	0	0	52	147
1:00 AM	0	15	0	2	2	17	0	0	21	0	3	21	0	0	0	1	1	1	0	0	7	0	1	7	46
1:15 AM	0	4	0	2	0	6	0	0	7	0	0	7	0	0	0	0	2	0	0	0	6	0	1	6	19
1:30 AM	0	1	0	0	0	1	0	0	22	0	0	22	0	1	0	0	0	1	0	1	8	0	0	9	33
1:45 AM	0	0	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	0	0	7	0	0	7	16
Hourly Total	0	20	0	4	2	24	0	0	59	0	3	59	0	1	0	1	3	2	0	1	28	0	2	29	114
2:00 AM	0	0	1	0	0	1	0	0	12	0	0	12	0	0	0	0	0	0	0	0	13	0	0	13	26
2:15 AM	0	1	0	1	0	2	0	0	11	0	0	11	0	0	0	0	0	0	0	0	6	0	0	6	19
2:30 AM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	1	0	1	0	1	8	0	0	9	16
2:45 AM	0	1	0	0	0	1	0	0	6	0	0	6	0	0	0	0	0	0	0	0	11	0	0	11	18
Hourly Total	0	2	1	1	0	4	0	0	35	0	0	35	0	0	0	1	0	1	0	1	38	0	0	39	79
3:00 AM	0	0	0	2	0	2	0	0	9	0	0	9	0	0	0	0	0	0	0	0	10	0	0	10	21
3:15 AM	0	0	0	1	1	1	0	0	9	0	0	9	0	0	0	0	0	0	0	0	8	0	0	8	18
3:30 AM	0	0	0	0	0	0	0	0	8	0	0	8	0	1	0	1	0	2	0	0	7	0	0	7	17
3:45 AM	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	0	1	7	0	0	8	19
Hourly Total	0	0	0	3	1	3	0	0	37	0	0	37	0	1	0	1	0	2	0	1	32	0	0	33	75
4:00 AM	0	0	0	0	0	0	0	0	15	0	0	15	0	1	0	0	1	1	0	0	8	0	1	8	24
4:15 AM	0	0	0	1	0	1	0	0	17	0	0	17	0	0	0	0	0	0	0	0	16	0	0	16	34
4:30 AM	0	0	0	0	0	0	0	0	27	1	0	28	0	0	0	0	0	0	0	0	9	0	2	9	37
4:45 AM	0	0	0	0	0	0	0	0	25	1	0	26	0	0	0	0	0	0	0	0	21	0	0	21	47
Hourly Total	0	0	0	1	0	1	0	0	84	2	0	86	0	1	0	0	1	1	0	0	54	0	3	54	142
5:00 AM	0	0	0	1	0	1	0	0	37	0	0	37	0	0	0	0	0	0	0	0	27	0	0	27	65
5:15 AM	0	1	0	1	0	2	0	0	63	0	0	63	0	1	0	0	0	1	0	0	20	0	0	20	86
5:30 AM	0	1	0	0	0	1	0	0	65	0	0	65	0	3	0	0	0	3	0	1	31	0	0	32	101
5:45 AM	0	2	0	0	0	2	0	0	54	0	0	54	0	1	0	0	0	1	0	1	46	0	0	47	104
Hourly Total	0	4	0	2	0	6	0	0	219	0	0	219	0	5	0	0	0	5	0	2	124	0	0	126	356
6:00 AM	0	0	0	0	1	0	0	1	66	0	0	67	0	1	1	1	0	3	0	2	68	0	0	70	140
6:15 AM	0	0	0	1	1	1	0	4	86	0	0	90	0	1	0	1	2	2	0	8	74	1	0	83	176
6:30 AM	0	0	1	2	0	3	0	2	102	1	0	105	0	2	0	0	0	2	0	3	132	0	0	135	245
6:45 AM	0	3	2	1	0	6	0	3	109	0	1	112	0	2	0	2	1	4	0	3	162	0	1	165	287
Hourly Total	0	3	3	4	2	10	0	10	363	1	1	374	0	6	1	4	3	11	0	16	436	1	1	453	848
7:00 AM	0	4	0	2	0	6	0	1	133	2	0	136	0	3	1	3	0	7	0	5	119	2	1	126	275
7:15 AM	0	2	0	1	2	3	0	4	153	2	0	159	0	5	0	3	2	8	0	5	121	1	2	127	297
7:30 AM	0	3	0	2	0	5	0	0	145	2	1	147	0	2	1	3	0	6	0	16	140	1	0	157	315
7:45 AM	0	1	2	6	0	9	0	3	135	7	0	145	0	0	2	3	3	5	0	30	168	2	0	200	359
Hourly Total	0	10	2	11	2	23	0	8	566	13	1	587	0	10	4	12	5	26	0	56	548	6	3	610	1246

TMC 2641 - 3rd Ave @ CSAH 14
Anoka MN
Thursday, August 20, 2026

Time	Southbound 3rd Ave						Westbound Main St						Northbound 3rd Ave						Eastbound Main St						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
8:00 AM	0	2	0	8	0	10	0	2	104	17	0	123	0	3	1	3	2	7	0	12	114	1	0	127	267
8:15 AM	0	4	1	7	0	12	0	8	122	15	0	145	0	0	2	1	1	3	0	15	130	2	1	147	307
8:30 AM	0	4	1	6	0	11	0	4	142	9	2	155	0	1	1	2	0	4	0	13	126	2	0	141	311
8:45 AM	0	4	3	7	2	14	0	8	136	9	3	153	0	4	0	5	2	9	0	6	136	7	1	149	325
Hourly Total	0	14	5	28	2	47	0	22	504	50	5	576	0	8	4	11	5	23	0	46	506	12	2	564	1210
9:00 AM	0	1	2	10	1	13	0	3	102	5	0	110	0	3	2	4	1	9	0	4	102	3	0	109	241
9:15 AM	0	7	0	7	1	14	0	5	121	3	0	129	0	1	0	2	2	3	0	7	103	4	2	114	260
9:30 AM	0	5	1	10	4	16	0	8	143	5	1	156	0	3	1	5	0	9	0	4	139	3	1	146	327
9:45 AM	0	11	3	13	1	27	0	7	123	7	2	137	0	6	1	3	0	10	0	6	167	6	0	179	353
Hourly Total	0	24	6	40	7	70	0	23	489	20	3	532	0	13	4	14	3	31	0	21	511	16	3	548	1181
10:00 AM	0	11	3	13	6	27	0	2	143	2	0	147	0	4	1	9	2	14	0	4	147	3	1	154	342
10:15 AM	0	12	0	9	3	21	0	3	132	9	1	144	0	5	1	3	1	9	0	7	149	3	0	159	333
10:30 AM	0	10	1	14	1	25	0	4	154	8	0	166	0	5	3	2	2	10	0	2	146	7	0	155	356
10:45 AM	0	8	5	16	3	29	0	8	146	9	0	163	0	6	1	6	3	13	0	5	126	2	2	133	338
Hourly Total	0	41	9	52	13	102	0	17	575	28	1	620	0	20	6	20	8	46	0	18	568	15	3	601	1369
11:00 AM	0	11	0	16	1	27	0	6	147	9	0	162	0	10	1	7	2	18	1	6	136	1	0	144	351
11:15 AM	0	10	2	20	1	32	0	5	157	9	2	171	0	7	1	4	1	12	0	3	158	3	1	164	379
11:30 AM	0	16	0	15	3	31	0	8	153	7	1	168	0	10	3	5	1	18	0	6	127	3	1	136	353
11:45 AM	0	16	6	19	5	41	0	4	132	20	3	156	0	2	3	5	5	10	0	5	148	6	5	159	366
Hourly Total	0	53	8	70	10	131	0	23	589	45	6	657	0	29	8	21	9	58	1	20	569	13	7	603	1449
12:00 PM	0	16	4	21	6	41	0	0	189	13	2	202	0	8	4	6	6	18	0	6	177	9	9	192	453
12:15 PM	0	22	6	24	2	52	0	3	149	13	4	165	0	11	1	8	7	20	0	12	190	5	3	207	444
12:30 PM	0	9	2	21	1	32	0	6	162	7	2	175	0	3	3	7	4	13	0	12	149	5	1	166	386
12:45 PM	0	12	7	12	2	31	0	2	159	18	1	179	0	6	1	7	3	14	0	11	172	5	0	188	412
Hourly Total	0	59	19	78	11	156	0	11	659	51	9	721	0	28	9	28	20	65	0	41	688	24	13	753	1695
1:00 PM	1	18	5	15	4	39	0	3	169	15	4	187	0	4	3	6	2	13	0	10	158	7	6	175	414
1:15 PM	0	15	2	22	4	39	1	2	159	19	1	181	0	7	2	2	5	11	0	13	170	8	1	191	422
1:30 PM	0	16	4	17	3	37	0	3	136	7	1	146	0	4	4	5	6	13	0	7	170	9	1	186	382
1:45 PM	0	17	3	19	2	39	0	4	184	10	0	198	0	7	2	4	4	13	0	11	173	5	4	189	439
Hourly Total	1	66	14	73	13	154	1	12	648	51	6	712	0	22	11	17	17	50	0	41	671	29	12	741	1657
2:00 PM	0	10	2	17	1	29	0	4	146	7	1	157	0	8	3	6	2	17	0	7	177	3	1	187	390
2:15 PM	0	16	4	17	4	37	0	3	167	11	1	181	0	10	3	7	0	20	0	3	204	3	4	210	448
2:30 PM	0	19	1	19	2	39	0	2	154	6	0	162	0	3	3	8	1	14	0	8	225	3	4	236	451
2:45 PM	0	17	4	18	2	39	0	4	172	13	2	189	0	3	1	4	5	8	0	9	189	3	2	201	437
Hourly Total	0	62	11	71	9	144	0	13	639	37	4	689	0	24	10	25	8	59	0	27	795	12	11	834	1726
3:00 PM	0	13	1	20	2	34	0	1	191	11	0	203	0	4	1	7	2	12	0	6	164	4	3	174	423
3:15 PM	0	13	5	17	2	35	0	5	159	10	0	174	0	2	2	6	0	10	3	16	171	8	5	198	417
3:30 PM	0	12	2	14	0	28	0	0	198	6	0	204	0	6	1	6	1	13	0	13	186	4	1	203	448
3:45 PM	0	10	4	13	3	27	0	5	177	9	0	191	0	2	2	4	4	8	1	10	180	4	1	195	421
Hourly Total	0	48	12	64	7	124	0	11	725	36	0	772	0	14	6	23	7	43	4	45	701	20	10	770	1709

TMC 2641 - 3rd Ave @ CSAH 14
Anoka MN
Thursday, August 20, 2026

Time	Southbound 3rd Ave						Westbound Main St						Northbound 3rd Ave						Eastbound Main St						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
4:00 PM	0	18	6	17	4	41	0	3	194	12	0	209	0	8	4	5	2	17	0	9	200	5	0	214	481
4:15 PM	0	13	7	16	4	36	0	3	150	13	0	166	0	4	2	8	3	14	1	9	162	1	0	173	389
4:30 PM	0	18	3	31	6	52	0	2	200	9	1	211	0	5	3	6	4	14	0	4	187	3	0	194	471
4:45 PM	0	17	2	19	4	38	0	5	160	7	1	172	0	12	3	7	2	22	0	7	191	2	2	200	432
Hourly Total	0	66	18	83	18	167	0	13	704	41	2	758	0	29	12	26	11	67	1	29	740	11	2	781	1773
5:00 PM	0	20	1	12	4	33	0	2	195	8	2	205	0	6	3	7	2	16	0	6	170	1	1	177	431
5:15 PM	0	11	5	13	0	29	0	1	163	14	0	178	0	4	1	6	0	11	0	4	169	0	1	173	391
5:30 PM	0	8	2	12	1	22	0	4	171	10	0	185	0	3	4	3	1	10	0	3	176	4	2	183	400
5:45 PM	0	12	3	19	1	34	0	9	141	5	0	155	0	4	3	5	2	12	0	7	160	8	1	175	376
Hourly Total	0	51	11	56	6	118	0	16	670	37	2	723	0	17	11	21	5	49	0	20	675	13	5	708	1598
6:00 PM	0	15	2	17	2	34	0	6	138	10	0	154	0	2	1	5	1	8	1	4	149	3	2	157	353
6:15 PM	0	11	1	13	1	25	0	2	137	6	0	145	0	7	1	3	1	11	1	2	168	5	1	176	357
6:30 PM	0	10	7	16	0	33	0	4	128	5	0	137	0	2	0	0	0	2	0	0	147	5	3	152	324
6:45 PM	0	15	2	19	0	36	0	6	132	5	2	143	0	3	2	1	0	6	0	4	153	4	0	161	346
Hourly Total	0	51	12	65	3	128	0	18	535	26	2	579	0	14	4	9	2	27	2	10	617	17	6	646	1380
7:00 PM	0	13	2	13	1	28	0	1	150	7	0	158	0	4	2	3	2	9	0	5	120	2	2	127	322
7:15 PM	0	10	1	12	2	23	0	3	115	7	0	125	0	4	0	7	2	11	1	5	120	1	0	127	286
7:30 PM	0	12	4	14	2	30	0	2	142	0	0	144	0	3	3	4	6	10	1	4	115	2	0	122	306
7:45 PM	0	11	1	11	2	23	0	1	106	1	0	108	0	6	0	8	0	14	0	2	123	2	0	127	272
Hourly Total	0	46	8	50	7	104	0	7	513	15	0	535	0	17	5	22	10	44	2	16	478	7	2	503	1186
8:00 PM	0	8	1	17	4	26	0	1	112	3	0	116	0	5	0	4	0	9	0	3	112	3	2	118	269
8:15 PM	0	23	0	12	3	35	0	1	95	4	0	100	0	5	0	1	1	6	0	4	115	2	0	121	262
8:30 PM	0	8	4	12	1	24	0	2	102	3	1	107	0	2	2	14	0	18	0	7	107	2	0	116	265
8:45 PM	0	4	2	6	0	12	0	0	80	2	0	82	0	1	0	2	1	3	0	4	82	2	0	88	185
Hourly Total	0	43	7	47	8	97	0	4	389	12	1	405	0	13	2	21	2	36	0	18	416	9	2	443	981
9:00 PM	0	11	5	9	2	25	0	2	74	2	0	78	0	3	0	2	1	5	0	5	92	3	1	100	208
9:15 PM	0	6	1	9	1	16	0	1	56	1	1	58	0	3	0	4	0	7	1	5	78	2	0	86	167
9:30 PM	0	3	2	7	3	12	0	1	56	4	1	61	0	3	0	5	3	8	0	4	63	3	0	70	151
9:45 PM	0	5	1	6	2	12	0	1	56	2	2	59	0	2	0	2	2	4	0	3	56	0	0	59	134
Hourly Total	0	25	9	31	8	65	0	5	242	9	4	256	0	11	0	13	6	24	1	17	289	8	1	315	660
10:00 PM	0	6	1	11	0	18	0	0	54	4	0	58	0	1	0	1	0	2	0	0	62	0	1	62	140
10:15 PM	0	1	0	4	0	5	0	0	34	1	0	35	0	1	0	2	1	3	0	1	65	2	0	68	111
10:30 PM	0	3	0	5	2	8	0	0	24	1	0	25	0	1	0	1	1	2	0	3	57	2	1	62	97
10:45 PM	0	4	2	4	0	10	0	0	41	4	0	45	0	3	0	0	2	3	0	2	50	0	0	52	110
Hourly Total	0	14	3	24	2	41	0	0	153	10	0	163	0	6	0	4	4	10	0	6	234	4	2	244	458
11:00 PM	0	6	2	8	2	16	0	0	32	1	0	33	0	0	0	0	4	0	0	0	42	1	0	43	92
11:15 PM	0	3	0	5	0	8	0	1	33	2	0	36	0	0	0	1	0	1	1	1	31	1	0	34	79
11:30 PM	0	3	1	2	0	6	0	0	49	1	0	50	0	0	0	0	0	0	0	0	29	0	1	29	85
11:45 PM	0	1	0	4	1	5	0	1	26	2	0	29	0	0	0	1	0	1	0	2	12	0	0	14	49
Hourly Total	0	13	3	19	3	35	0	2	140	6	0	148	0	0	0	2	4	2	1	3	114	2	1	120	305
DAILY TOTAL	1	732	162	884	139	1779	2	215	9605	490	53	10312	0	290	97	296	138	683	12	455	9884	219	91	10570	23344
Cars	1	724	142	874	119	1741	2	212	9449	486	48	10149	0	285	76	294	105	655	12	449	9735	219	87	10415	22960
Heavy Vehicles	0	8	20	10	20	38	0	3	156	4	5	163	0	5	21	2	33	28	0	6	149	0	4	155	384
Heavy Vehicle %	0.00%	1.09%	12.35%	1.13%	14.39%	2.14%	0.00%	1.40%	1.62%	0.82%	9.43%	1.58%	0.00%	1.72%	21.65%	0.68%	23.91%	4.10%	0.00%	1.32%	1.51%	0.00%	4.40%	1.47%	1.64%

TMC 2641 - 3rd Ave @ CSAH 14
Anoka MN
Thursday, August 20, 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	
7:30 AM	0	3	0	2	0	5	0	0	145	2	1	147	0	2	1	3	0	6	0	16	140	1	0	157	315
7:45 AM	0	1	2	6	0	9	0	3	135	7	0	145	0	0	2	3	3	5	0	30	168	2	0	200	359
8:00 AM	0	2	0	8	0	10	0	2	104	17	0	123	0	3	1	3	2	7	0	12	114	1	0	127	267
8:15 AM	0	4	1	7	0	12	0	8	122	15	0	145	0	0	2	1	1	3	0	15	130	2	1	147	307
Peak Hour Total	0	10	3	23	0	36	0	13	506	41	1	560	0	5	6	10	6	21	0	73	552	6	1	631	1248
Peak Hour Heavy Vehicles	0	1	1	0	0	2	0	0	11	0	0	11	0	0	1	0	0	1	0	0	12	0	0	12	26
Peak Hour Heavy Vehicles % PHF	0.00%	10.00%	33.33%	0.00%	0.00%	5.56%	0.00%	0.00%	2.17%	0.00%	0.00%	1.96%	0.00%	0.00%	16.67%	0.00%	0.00%	4.76%	0.00%	0.00%	2.17%	0.00%	0.00%	1.90%	2.08%
	0.000	0.625	0.375	0.719	0.000	0.750	0.000	0.406	0.872	0.603	0.250	0.952	0.000	0.417	0.750	0.833	0.500	0.750	0.000	0.608	0.821	0.750	0.250	0.789	0.869

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	16	4	21	6	41	0	0	189	13	2	202	0	8	4	6	6	18	0	6	177	9	9	192	453
12:15 PM	0	22	6	24	2	52	0	3	149	13	4	165	0	11	1	8	7	20	0	12	190	5	3	207	444
12:30 PM	0	9	2	21	1	32	0	6	162	7	2	175	0	3	3	7	4	13	0	12	149	5	1	166	386
12:45 PM	0	12	7	12	2	31	0	2	159	18	1	179	0	6	1	7	3	14	0	11	172	5	0	188	412
Peak Hour Total	0	59	19	78	11	156	0	11	659	51	9	721	0	28	9	28	20	65	0	41	688	24	13	753	1695
Peak Hour Heavy Vehicles	0	2	2	1	1	5	0	0	14	0	1	14	0	0	2	0	1	2	0	0	15	0	1	15	36
Peak Hour Heavy Vehicles % PHF	0.00%	3.39%	10.53%	1.28%	9.09%	3.21%	0.00%	0.00%	2.12%	0.00%	11.11%	1.94%	0.00%	0.00%	22.22%	0.00%	5.00%	3.08%	0.00%	0.00%	2.18%	0.00%	7.69%	1.99%	2.12%
	0.000	0.670	0.679	0.813	0.458	0.750	0.000	0.458	0.872	0.708	0.563	0.892	0.000	0.636	0.563	0.875	0.714	0.813	0.000	0.854	0.905	0.667	0.361	0.909	0.935

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	18	6	17	4	41	0	3	194	12	0	209	0	8	4	5	2	17	0	9	200	5	0	214	481
4:15 PM	0	13	7	16	4	36	0	3	150	13	0	166	0	4	2	8	3	14	1	9	162	1	0	173	389
4:30 PM	0	18	3	31	6	52	0	2	200	9	1	211	0	5	3	6	4	14	0	4	187	3	0	194	471
4:45 PM	0	17	2	19	4	38	0	5	160	7	1	172	0	12	3	7	2	22	0	7	191	2	2	200	432
Peak Hour Total	0	66	18	83	18	167	0	13	704	41	2	758	0	29	12	26	11	67	1	29	740	11	2	781	1773
Peak Hour Heavy Vehicles	0	0	2	0	1	2	0	0	8	0	1	8	0	0	2	0	1	2	0	0	7	0	0	7	19
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	11.11%	0.00%	5.56%	1.20%	0.00%	0.00%	1.14%	0.00%	50.00%	1.06%	0.00%	0.00%	16.67%	0.00%	9.09%	2.99%	0.00%	0.00%	0.95%	0.00%	0.00%	0.90%	1.07%
	0.000	0.917	0.643	0.669	0.750	0.803	0.000	0.650	0.880	0.788	0.500	0.898	0.000	0.604	0.750	0.813	0.688	0.761	0.250	0.806	0.925	0.550	0.250	0.912	0.922

Total Vehicles On Leg			2822		
Vehicles Entering Intersection 1779			Vehicles Exiting Intersection 1043		
Southbound					
Cars	874	142	724	1	119
Heavy	10	20	8	0	20
Total	884	162	732	1	139



Total Vehicles on Leg 21361	Vehicles Entering Intersection 10570	Eastbound	Cars	Heavy	Total	
			87	4	91	
			12	0	12	
	Vehicles Exiting Intersection 10791		449	6	455	
			9735	149	9884	
			219	0	219	



Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection 10312	Total Vehicles on Leg 21226
486	4	490			
9449	156	9605			
212	3	215			
2	0	2			
48	5	53			
				Vehicles Exiting Intersection 10914	



					
Cars	105	0	285	76	294
Heavy	33	0	5	21	2
Total	138	0	290	97	296
Northbound					
Vehicles Entering Intersection 683			Vehicles Exiting Intersection 596		
Total Vehicles On Leg			1279		



TMC 2641 - 3rd Ave @ CSAH 14 Anoka MN Thursday, August 20, 2026																									
Time	Southbound Heavy 3rd Ave						Westbound Heavy Main St						Northbound Heavy 3rd Ave						Eastbound Heavy Main St						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
1:00 AM	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
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	1	0	0	1	1
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	2
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
3:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	0	0	1	0	0	1	4
5:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	3	4
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
5:45 AM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	7
Hourly 'Heavy Vehicles'	0	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	11	0	0	11	13
6:00 AM	0	0	0	0	0	0	0	1	2	0	0	3	0	0	1	0	0	1	0	0	0	0	0	0	4
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	3	3
6:30 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
6:45 AM	0	0	1	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2	5
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	1	5	0	0	6	0	0	1	0	1	1	0	0	7	0	0	7	15
7:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	4	0	0	4	6
7:15 AM	0	0	0	0	2	0	0	0	6	1	0	7	0	0	0	0	0	0	0	0	1	0	0	1	8
7:30 AM	0	1	0	0	0	1	0	0	3	0	0	3	0	0	0	0	0	0	0	0	4	0	0	4	8
7:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	3	4
Hourly 'Heavy Vehicles'	0	1	1	0	2	2	0	0	10	1	0	11	0	0	1	0	2	1	0	0	12	0	0	12	26

TMC 2641 - 3rd Ave @ CSAH 14 Anoka MN Thursday, August 20, 2026																										
Time	Southbound Heavy 3rd Ave						Westbound Heavy Main St						Northbound Heavy 3rd Ave						Eastbound Heavy Main St						VEHICLE 'Heavy Vehicles'	
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'		
8:00 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	1	4
8:15 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	1	0	0	0	1	0	0	4	0	0	4	10
8:30 AM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	1	3	0	0	0	4	11
8:45 AM	0	0	1	0	0	1	0	0	3	0	0	3	0	0	0	0	1	0	0	0	1	0	0	1	5	
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	18	0	0	18	0	0	1	0	1	1	0	1	9	0	0	10	30	
9:00 AM	0	0	0	1	0	1	0	0	4	0	0	4	0	0	1	0	0	1	0	0	3	0	0	3	9	
9:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	2	0	0	3	4	
9:30 AM	0	0	0	0	0	0	0	0	1	2	0	3	0	0	0	0	0	0	0	0	3	0	1	3	6	
9:45 AM	0	1	1	0	0	2	0	1	4	0	0	5	0	0	0	0	0	0	0	0	3	0	0	3	10	
Hourly 'Heavy Vehicles'	0	1	1	1	0	3	0	1	10	2	0	13	0	0	1	0	0	1	0	1	11	0	1	12	29	
10:00 AM	0	0	0	0	1	0	0	0	7	0	0	7	0	0	1	0	0	1	0	0	3	0	0	3	11	
10:15 AM	0	0	0	1	0	1	0	0	2	0	0	2	0	0	1	0	0	1	0	0	2	0	0	2	6	
10:30 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	1	0	0	1	5	
10:45 AM	0	0	2	0	1	2	0	1	3	0	0	4	0	0	0	0	0	0	0	1	1	0	0	2	8	
Hourly 'Heavy Vehicles'	0	0	2	1	2	3	0	1	16	0	0	17	0	0	2	0	0	2	0	1	7	0	0	0	30	
11:00 AM	0	0	0	1	0	1	0	0	6	0	0	6	0	1	1	0	1	2	0	0	3	0	0	3	12	
11:15 AM	0	1	0	1	0	2	0	0	2	0	0	2	0	0	0	0	0	0	0	0	4	0	0	4	8	
11:30 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	2	1	0	0	3	0	0	4	0	0	4	11	
11:45 AM	0	0	1	0	3	1	0	0	1	0	0	1	0	0	0	0	1	0	0	0	3	0	0	3	5	
Hourly 'Heavy Vehicles'	0	1	1	2	3	4	0	0	13	0	0	13	0	3	2	0	2	5	0	0	14	0	0	14	36	
12:00 PM	0	0	0	0	1	0	0	0	4	0	0	4	0	0	1	0	0	1	0	0	5	0	0	5	10	
12:15 PM	0	2	1	1	0	4	0	0	3	0	0	3	0	0	0	0	1	0	0	0	5	0	0	5	12	
12:30 PM	0	0	0	0	0	0	0	0	4	0	1	4	0	0	1	0	3	1	0	0	3	0	1	3	8	
12:45 PM	0	0	1	0	0	1	0	0	3	0	0	3	0	0	0	0	0	0	0	0	2	0	0	2	6	
Hourly 'Heavy Vehicles'	0	2	2	1	1	5	0	0	14	0	1	14	0	0	2	0	4	2	0	0	15	0	1	15	36	
1:00 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	1	0	0	1	0	0	5	0	0	5	9	
1:15 PM	0	0	1	1	1	2	0	0	3	0	0	3	0	0	0	0	0	0	0	0	2	0	0	2	7	
1:30 PM	0	1	0	0	0	1	0	0	5	0	0	5	0	0	1	0	3	1	0	0	2	0	0	2	9	
1:45 PM	0	0	1	0	1	1	0	0	2	0	0	2	0	0	0	0	1	0	0	1	2	0	0	3	6	
Hourly 'Heavy Vehicles'	0	1	2	1	2	4	0	0	13	0	0	13	0	0	2	0	4	2	0	1	11	0	0	12	31	
2:00 PM	0	0	0	0	0	0	0	0	5	0	0	5	0	1	1	0	0	2	0	0	3	0	0	3	10	
2:15 PM	0	0	1	0	1	1	0	0	4	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	9	
2:30 PM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	1	0	0	1	0	0	4	0	0	4	10	
2:45 PM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	4	
Hourly 'Heavy Vehicles'	0	0	2	0	1	2	0	0	15	0	0	15	0	1	2	0	0	3	0	0	13	0	0	13	33	
3:00 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	0	1	0	0	2	0	0	2	5	
3:15 PM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	4	
3:30 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	6	
3:45 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	4	0	0	0	1	0	0	1	5	
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	10	0	0	10	0	0	2	0	4	2	0	0	7	0	0	7	20	

TMC 2641 - 3rd Ave @ CSAH 14
Anoka MN
Thursday, August 20, 2026

Time	Southbound Heavy 3rd Ave						Westbound Heavy Main St						Northbound Heavy 3rd Ave						Eastbound Heavy Main St						VEHICLE 'Heavy Vehicles'
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	
4:00 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	1	0	0	3	0	0	3	6
4:15 PM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	3
4:30 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	1	0	2	1	0	0	2	0	0	2	6
4:45 PM	0	0	1	0	1	1	0	0	2	0	1	2	0	0	0	0	1	0	0	0	1	0	0	1	4
Hourly 'Heavy Vehicles'	0	0	2	0	1	2	0	0	8	0	1	8	0	0	2	0	4	2	0	0	7	0	0	7	19
5:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	1	0	0	0	0	1	0	2
5:15 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
5:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	1	0	0	1	0	0	1	3
5:45 PM	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
Hourly 'Heavy Vehicles'	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	2	2	0	0	3	0	1	3	9
6:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	1	0	0	1	0	1	1	3
6:15 PM	0	0	1	0	0	1	0	0	2	0	0	2	0	0	0	1	0	1	0	0	1	0	0	1	5
6:30 PM	0	0	0	2	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	4
6:45 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
Hourly 'Heavy Vehicles'	0	0	2	2	0	4	0	0	4	0	0	4	0	1	1	1	1	3	0	0	3	0	1	3	14
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
7:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	3	3
7:30 PM	0	0	0	2	1	2	0	0	1	0	0	1	0	0	0	0	1	0	0	0	1	0	0	1	4
7:45 PM	0	1	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3
Hourly 'Heavy Vehicles'	0	1	0	2	2	3	0	0	3	0	0	3	0	0	0	0	2	0	0	0	5	0	0	5	11
8:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
8:15 PM	0	0	0	0	2	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
8:30 PM	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	2	0	0	2	3
8:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3
Hourly 'Heavy Vehicles'	0	0	0	0	3	0	0	0	3	0	1	3	0	0	0	0	0	0	0	0	5	0	0	5	8
9:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	0	0	2	3	
9:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	1	0	0	0	2	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	2
9:45 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
Hourly 'Heavy Vehicles'	0	0	0	0	2	0	0	0	3	0	1	3	0	0	0	0	1	0	0	2	0	0	2	3	5
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
10:45 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
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	3	3
11:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	1	0	0	0	0	0	0	3
Hourly 'Heavy Vehicles'	0	0	0	0	1	0	0	0	2	0	0	2	0	0	0	1	4	1	0	0	0	0	0	0	3
DAILY 'Heavy Vehicles'	0	8	20	10	20	38	0	3	156	4	5	163	0	5	21	2	33	28	0	6	149	0	4	155	384

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2641

Study Date : 08/31/2026

Signal Warrants - Summary

Major Street Approaches

Eastbound: Main St

Number of Lanes : 2+

Total Approach Volume: 10,570

Westbound: Main St

Number of Lanes : 2+

Total Approach Volume: 10,312

Minor Street Approaches

Northbound: 3rd Ave

Number of Lanes : 1

Total Approach Volume: 683

Southbound: 3rd Ave

Number of Lanes : 1

Total Approach Volume: 1,779

Warrant Summary (Urban Values Apply)

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

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

Required volumes reached for 11 hours, 8 are needed

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

Required volumes reached for 14 hours, 8 are needed

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

Required 1A volumes reached for 12 hours, 8 are needed

Required 1B volumes reached for 15 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 2641

Study Date : 08/31/2026

Warrant 1A - Minimum Volumes

Description

Intended for sites where the volume of intersecting traffic is the principal reason for consideration of a signal installation.

Summary

11 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						Minor Road		
Main St						3rd Ave		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
15:30 - 16:30	785	+	770	=	1555	52	132	Yes
14:30 - 15:30	809	+	728	=	1537	44	147	Yes
16:30 - 17:30	744	+	766	=	1510	63	152	Yes
13:30 - 14:30	772	+	682	=	1454	63	142	Yes
12:30 - 13:30	720	+	722	=	1442	51	141	Yes
11:30 - 12:30	694	+	691	=	1385	66	165	Yes
17:30 - 18:30	691	+	639	=	1330	41	115	Yes
10:30 - 11:30	596	+	662	=	1258	53	113	Yes
09:30 - 10:30	638	+	584	=	1222	42	91	Yes
18:30 - 19:30	567	+	563	=	1130	28	120	Yes
19:30 - 20:30	488	+	468	=	956	39	114	Yes
07:00 - 08:00	610	+	587	=	1197	26	23	No
07:30 - 08:30	631	+	560	=	1191	21	36	No
07:15 - 08:15	611	+	574	=	1185	26	27	No
07:45 - 08:45	615	+	568	=	1183	19	42	No
09:15 - 10:15	593	+	569	=	1162	36	84	No
08:00 - 09:00	564	+	576	=	1140	23	47	No
06:45 - 07:45	575	+	554	=	1129	25	20	No
08:15 - 09:15	546	+	563	=	1109	25	50	No
09:00 - 10:00	548	+	532	=	1080	31	70	No
08:45 - 09:45	518	+	548	=	1066	30	57	No
06:30 - 07:30	553	+	512	=	1065	21	18	No
08:30 - 09:30	513	+	547	=	1060	25	52	No
06:15 - 07:15	509	+	443	=	952	15	16	No
06:00 - 07:00	453		374		827	11	10	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2641

Study Date : 08/31/2026

Warrant 1B - Interruption of Continuous Traffic

Description

Intended for sites where the volume of the major street is so heavy that traffic on the minor street suffers excessive delay or hazard.

Summary

14 one hour periods meet minimums.
Warrant IS met.

Site Data Required

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

Volume Requirements

Veh/Hr Major = **540**

Veh/Hr Minor = **45**

Major Road						Minor Road		
Main St						3rd Ave		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
15:00 - 16:00	770	+	772	=	1542	43	124	Yes
16:00 - 17:00	781	+	758	=	1539	67	167	Yes
14:00 - 15:00	834	+	689	=	1523	59	144	Yes
12:00 - 13:00	753	+	721	=	1474	65	156	Yes
13:00 - 14:00	741	+	712	=	1453	50	154	Yes
17:00 - 18:00	708	+	723	=	1431	49	118	Yes
11:00 - 12:00	603	+	657	=	1260	58	131	Yes
18:00 - 19:00	646	+	579	=	1225	27	128	Yes
10:00 - 11:00	601	+	620	=	1221	46	102	Yes
08:00 - 09:00	564	+	576	=	1140	23	47	Yes
09:00 - 10:00	548	+	532	=	1080	31	70	Yes
19:00 - 20:00	503	+	535	=	1038	44	104	Yes
20:00 - 21:00	443	+	405	=	848	36	97	Yes
21:00 - 22:00	315	+	256	=	571	24	65	Yes
07:00 - 08:00	610	+	587	=	1197	26	23	No
07:30 - 08:30	631	+	560	=	1191	21	36	No
07:15 - 08:15	611	+	574	=	1185	26	27	No
07:45 - 08:45	615	+	568	=	1183	19	42	No
06:45 - 07:45	575	+	554	=	1129	25	20	No
06:30 - 07:30	553	+	512	=	1065	21	18	No
06:15 - 07:15	509	+	443	=	952	15	16	No
06:00 - 07:00	453	+	374	=	827	11	10	No
05:45 - 06:45	335	+	316	=	651	8	6	No
05:30 - 06:30	232	+	276	=	508	9	4	No
05:15 - 06:15	169	+	249	=	418	8	5	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2641

Study Date : 08/31/2026

Warrant 1C Combination of Warrants

Description

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

Summary

12 hours meet 1A minimums.
15 hours meet 1B minimums.
Warrant IS met.

Site Data Required

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

Volume Requirements

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

Veh/Hr Minor = **72 36**

Major Road Main St						Minor Road 3rd Ave				
Time	Major EB	+	Major WB	=	Total	Minor NB		Minor SB		Met1A?
15:15 - 16:15	810	+	778	=	1588	48		131		Yes
14:15 - 15:15	821	+	735	=	1556	54		149		Yes
16:15 - 17:15	744	+	754	=	1498	66		159		Yes
12:15 - 13:15	736	+	706	=	1442	60		154		Yes
13:15 - 14:15	753	+	682	=	1435	54		144		Yes
17:15 - 18:15	688	+	672	=	1360	41		119		Yes
11:15 - 12:15	651	+	697	=	1348	58		145		Yes
10:15 - 11:15	591	+	635	=	1226	50		102		Yes
18:15 - 19:15	616	+	583	=	1199	28		122		Yes
09:15 - 10:15	593	+	569	=	1162	36		84		Yes
19:15 - 20:15	494	+	493	=	987	44		102		Yes
20:15 - 21:15	425		367		792	32		96		Yes

Time	Major EB	+	Major WB	=	Total	Minor NB		Minor SB		Met1B?
15:30 - 16:30	785	+	770	=	1555	52		132		Yes
14:30 - 15:30	809	+	728	=	1537	44		147		Yes
16:30 - 17:30	744	+	766	=	1510	63		152		Yes
13:30 - 14:30	772	+	682	=	1454	63		142		Yes
12:30 - 13:30	720	+	722	=	1442	51		141		Yes
11:30 - 12:30	694	+	691	=	1385	66		165		Yes
17:30 - 18:30	691	+	639	=	1330	41		115		Yes
10:30 - 11:30	596	+	662	=	1258	53		113		Yes
09:30 - 10:30	638	+	584	=	1222	42		91		Yes
07:30 - 08:30	631	+	560	=	1191	21		36		Yes
18:30 - 19:30	567	+	563	=	1130	28		120		Yes
08:30 - 09:30	513		547		1060	25		52		Yes

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2641

Study Date : 08/31/2026

Warrant 2 - Four Hour Volumes

Description

Intended for sites where the volume of intersecting traffic during any four hours of the day is the principal reason for consideration of a signal installation.

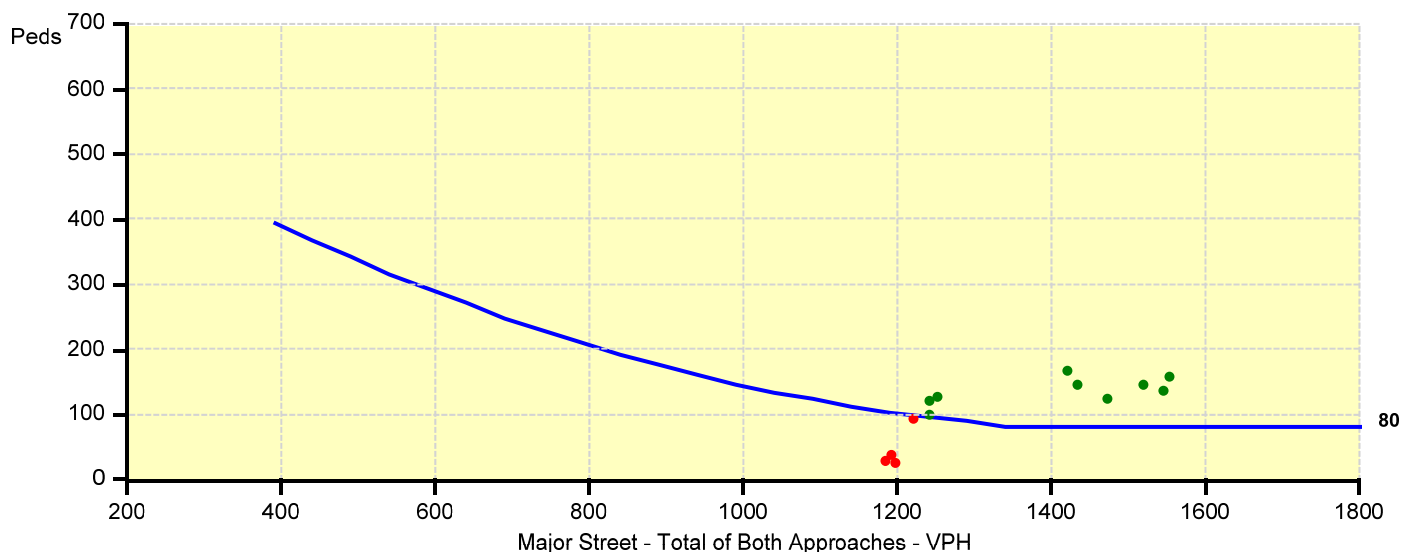
Summary

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 Main St						Minor Road 3rd Ave		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
15:45 - 16:45	776	+	777	=	1553	53	156	Yes
14:45 - 15:45	776	+	770	=	1546	43	136	Yes
13:45 - 14:45	822	+	698	=	1520	64	144	Yes
16:45 - 17:45	733	+	740	=	1473	59	122	Yes
12:45 - 13:45	740	+	693	=	1433	51	146	Yes
11:45 - 12:45	724	+	698	=	1422	61	166	Yes
17:45 - 18:45	660	+	591	=	1251	33	126	Yes
09:45 - 10:45	647	+	594	=	1241	43	100	Yes
10:45 - 11:45	577	+	664	=	1241	61	119	Yes
09:30 - 10:30	638	+	584	=	1222	42	91	No
07:00 - 08:00	610	+	587	=	1197	26	23	No
07:30 - 08:30	631		560		1191	21	36	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2641

Study Date : 08/31/2026

Warrant 3B - Peak Hour Volumes

Description

Intended for sites where the volume of intersecting traffic during one hour of the day is the principal reason for consideration of a signal installation.

Summary

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 Main St						Minor Road 3rd Ave		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
15:15 - 16:15	810	+	778	=	1588	48	131	Yes
14:15 - 15:15	821	+	735	=	1556	54	149	Yes
15:30 - 16:30	785	+	770	=	1555	52	132	Yes
15:45 - 16:45	776	+	777	=	1553	53	156	Yes
14:45 - 15:45	776	+	770	=	1546	43	136	Yes
16:00 - 17:00	781	+	758	=	1539	67	167	Yes
14:30 - 15:30	809	+	728	=	1537	44	147	Yes
14:00 - 15:00	834	+	689	=	1523	59	144	Yes
13:45 - 14:45	822	+	698	=	1520	64	144	Yes
16:30 - 17:30	744	+	766	=	1510	63	152	Yes
16:15 - 17:15	744	+	754	=	1498	66	159	Yes
12:00 - 13:00	753		721		1474	65	156	Yes

