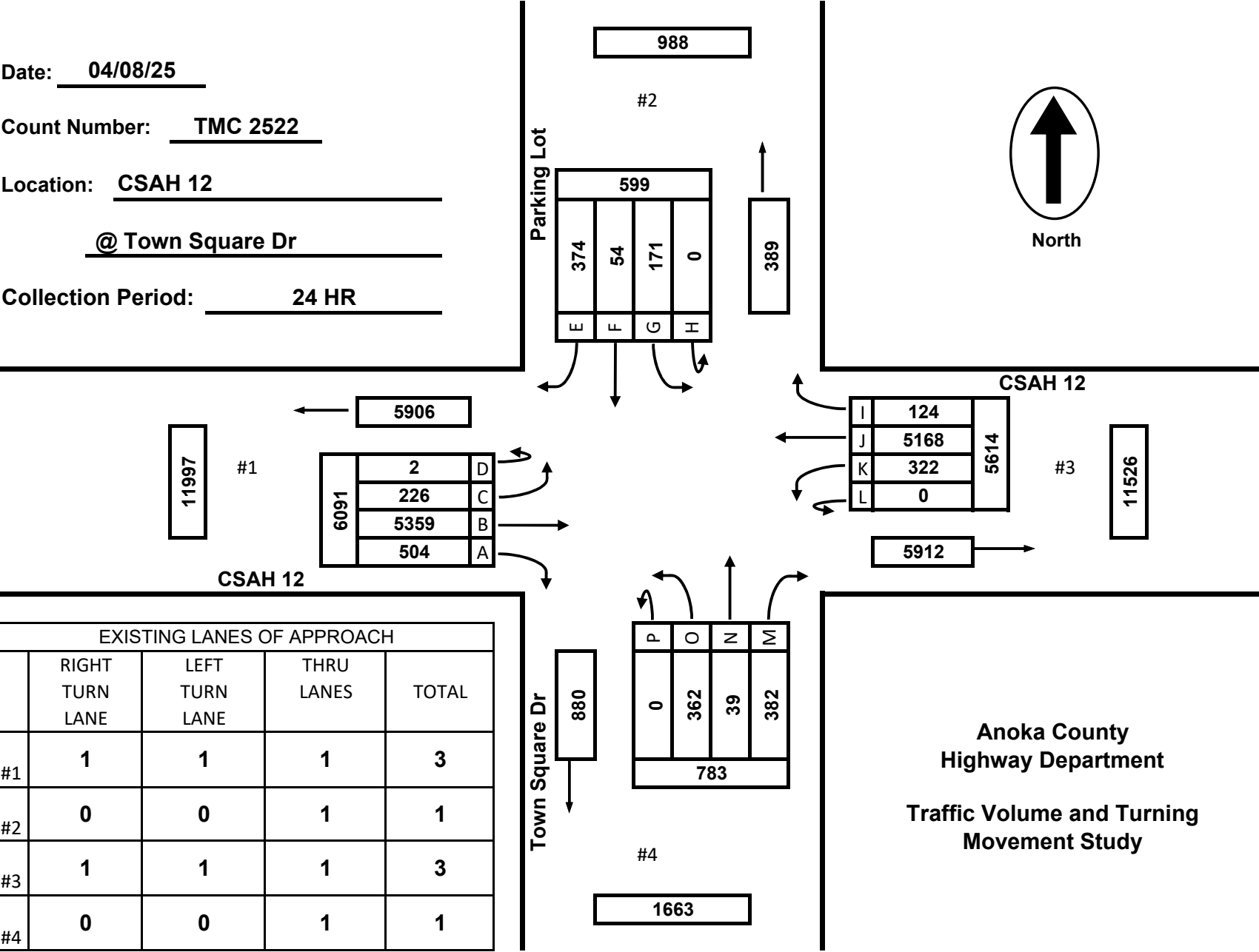


Date: 04/08/25

Count Number: TMC 2522

Location: CSAH 12
@ Town Square Dr

Collection Period: 24 HR



Anoka County
 Highway Department

Traffic Volume and Turning
 Movement Study

Date: 04/08/25

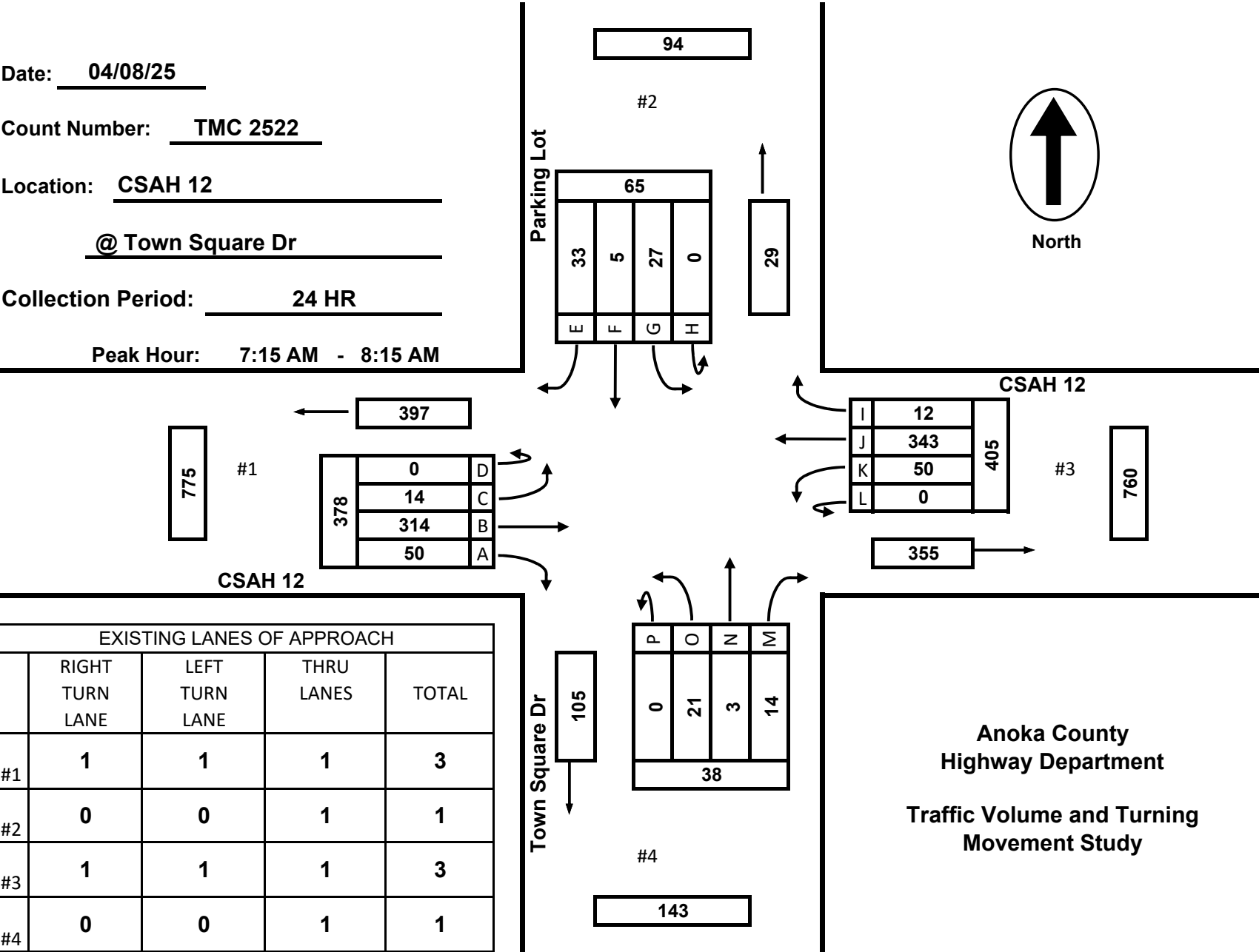
Count Number: TMC 2522

Location: CSAH 12

@ Town Square Dr

Collection Period: 24 HR

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



Anoka County
Highway Department

Traffic Volume and Turning
Movement Study

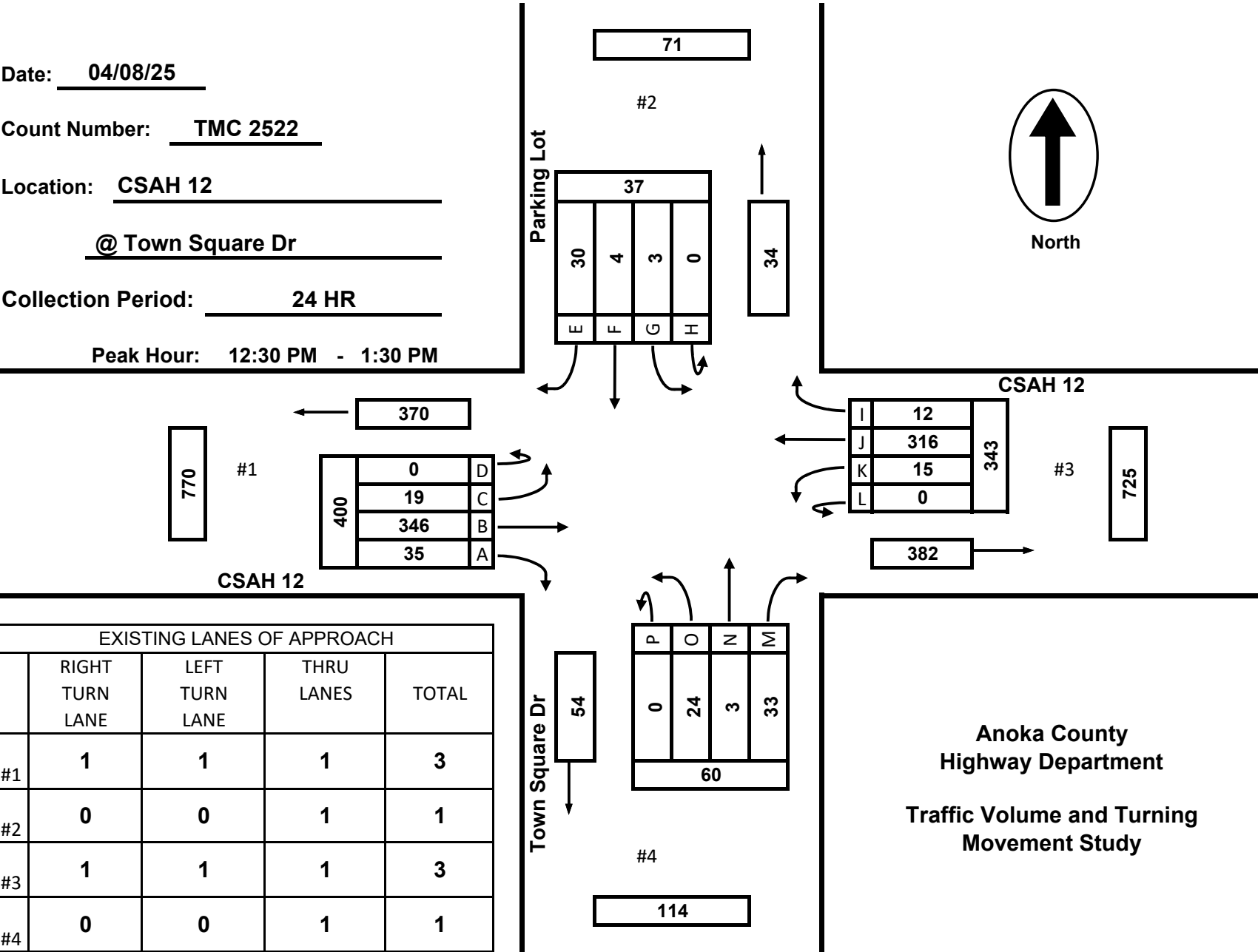
Date: 04/08/25

Count Number: TMC 2522

Location: CSAH 12
@ Town Square Dr

Collection Period: 24 HR

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



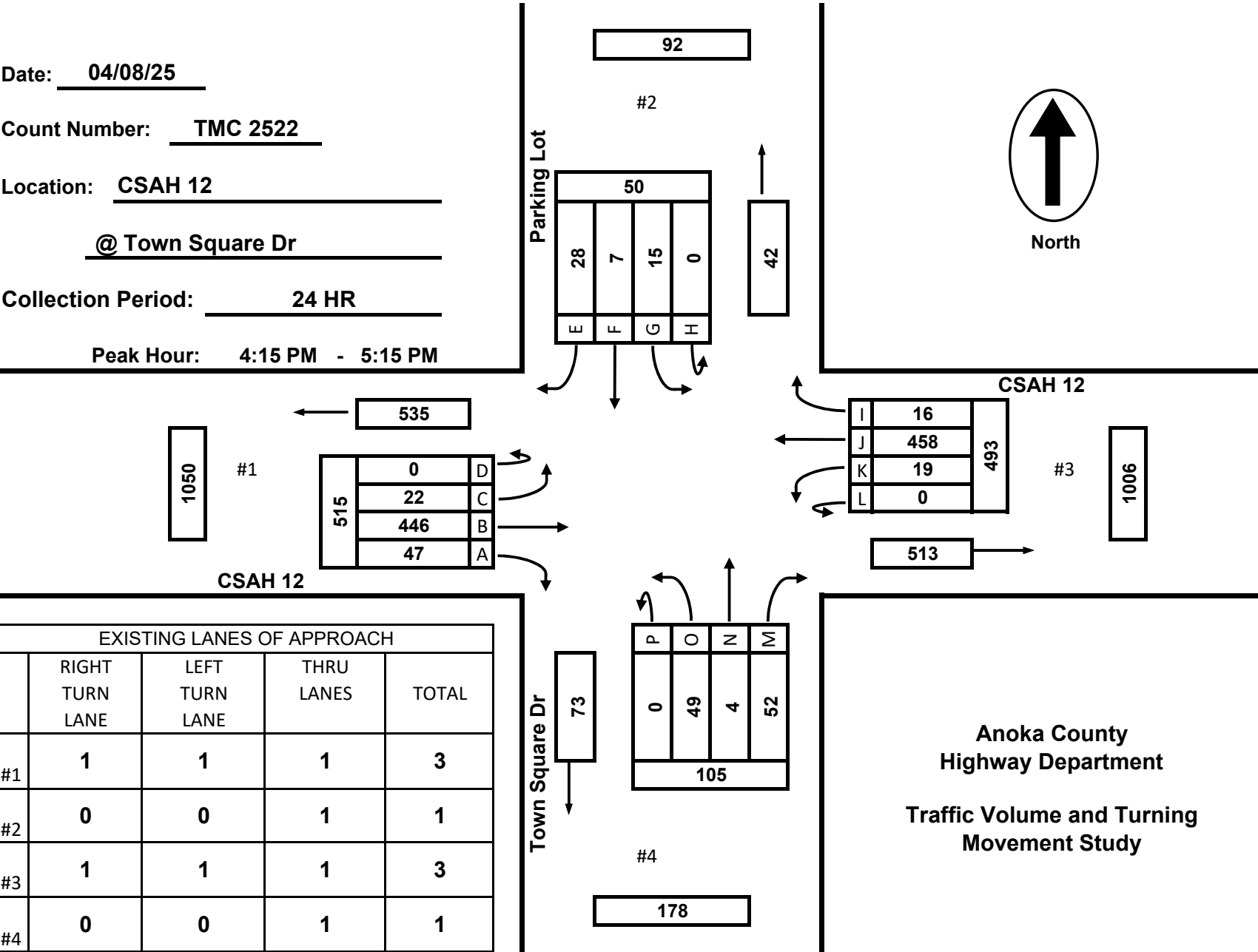
Date: 04/08/25

Count Number: TMC 2522

Location: CSAH 12
@ Town Square Dr

Collection Period: 24 HR

Peak Hour: 4:15 PM - 5:15 PM



**TMC 2522 - CSAH 12 @ Town Square Dr
Blaine MN
Tuesday, April 8, 2025**

Time	Southbound Parking Lot						Westbound CSAH 12						Northbound Town Square Dr						Eastbound CSAH 12						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	7	0	0	7	0	0	0	0	0	0	0	0	6	1	0	7	14
12:15 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	4	0	0	4	6
12:30 AM	0	0	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	0	0	4	1	0	5	14
12:45 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	5	0	0	5	6
Hourly Total	0	0	0	0	0	0	0	0	19	0	0	19	0	0	0	0	0	0	0	0	19	2	0	21	40
1:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	0	0	1	0	0	7	1	0	8	11
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
1:30 AM	0	0	0	0	0	0	0	1	4	0	0	5	0	0	0	0	0	0	0	0	5	1	0	6	11
1:45 AM	0	0	0	0	0	0	0	1	1	0	0	2	0	2	0	0	0	2	0	0	3	0	0	3	7
Hourly Total	0	0	0	0	0	0	0	2	7	0	0	9	0	3	0	0	0	3	0	0	17	2	0	19	31
2:00 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	1	0	0	0	0	0	0	5
2:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	0	0	2	0	0	2	0	0	2	5
2:30 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
2:45 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	2	3
Hourly Total	0	0	0	0	0	0	0	0	10	0	0	10	0	3	0	0	0	3	0	0	3	1	0	4	17
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5	5
3:15 AM	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	1	0	0	1	4
3:30 AM	0	0	0	0	0	0	0	1	2	0	0	3	0	1	0	0	0	1	0	0	3	0	0	3	7
3:45 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	2	0	0	2	6
Hourly Total	0	0	0	0	0	0	0	2	8	0	0	10	0	1	0	0	0	1	0	0	9	2	0	11	22
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	4	4
4:15 AM	0	0	0	0	0	0	0	0	7	1	0	8	0	0	0	1	0	1	0	0	9	0	0	9	18
4:30 AM	0	0	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	13	2	0	15	25
4:45 AM	0	0	0	0	0	0	0	2	8	0	0	10	0	1	0	0	0	1	0	4	12	1	0	17	28
Hourly Total	0	0	0	0	0	0	0	2	25	1	0	28	0	1	0	1	0	2	0	5	36	4	0	45	75
5:00 AM	0	2	0	2	0	4	0	1	9	1	0	11	0	0	0	0	0	0	0	2	10	1	0	13	28
5:15 AM	0	2	0	2	0	4	0	2	18	1	0	21	0	1	0	0	0	1	0	0	16	2	0	18	44
5:30 AM	0	4	1	3	0	8	0	1	22	1	0	24	0	0	0	0	0	0	0	1	22	4	0	27	59
5:45 AM	0	2	0	3	0	5	0	1	22	1	0	24	0	5	0	2	0	7	0	3	31	4	0	38	74
Hourly Total	0	10	1	10	0	21	0	5	71	4	0	80	0	6	0	2	0	8	0	6	79	11	0	96	205
6:00 AM	0	0	0	2	0	2	0	3	21	1	0	25	0	1	0	0	0	1	1	3	23	1	0	28	56
6:15 AM	0	0	0	7	0	7	0	0	40	2	0	42	0	1	2	1	0	4	0	1	48	6	0	55	108
6:30 AM	0	8	0	10	0	18	0	7	43	3	0	53	0	1	1	3	0	5	0	6	61	4	0	71	147
6:45 AM	0	4	1	8	0	13	0	4	58	1	0	63	0	0	0	0	0	0	0	3	71	5	0	79	155
Hourly Total	0	12	1	27	0	40	0	14	162	7	0	183	0	3	3	4	0	10	1	13	203	16	0	233	466
7:00 AM	0	4	1	15	0	20	0	6	64	3	0	73	0	4	1	2	0	7	0	2	50	13	0	65	165
7:15 AM	0	4	3	7	0	14	0	10	89	3	0	102	0	7	0	4	0	11	0	4	77	9	0	90	217
7:30 AM	0	8	0	9	0	17	0	12	78	2	0	92	0	4	0	1	0	5	0	1	81	13	0	95	209
7:45 AM	0	9	1	6	0	16	0	19	94	4	0	117	0	5	2	5	0	12	0	4	73	14	0	91	236
Hourly Total	0	25	5	37	0	67	0	47	325	12	0	384	0	20	3	12	0	35	0	11	281	49	0	341	827

TMC 2522 - CSAH 12 @ Town Square Dr
Blaine MN
Tuesday, April 8, 2025

Time	Southbound Parking Lot						Westbound CSAH 12						Northbound Town Square Dr						Eastbound CSAH 12						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	6	1	11	0	18	0	9	82	3	0	94	0	5	1	4	0	10	0	5	83	14	0	102	224
8:15 AM	0	3	0	9	0	12	0	6	68	2	0	76	0	2	0	2	0	4	0	3	79	7	0	89	181
8:30 AM	0	3	1	3	0	7	0	5	60	3	0	68	0	9	1	7	0	17	0	3	69	8	0	80	172
8:45 AM	0	1	0	6	0	7	0	6	59	0	0	65	0	6	0	4	0	10	0	5	55	9	0	69	151
Hourly Total	0	13	2	29	0	44	0	26	269	8	0	303	0	22	2	17	0	41	0	16	286	38	0	340	728
9:00 AM	0	3	0	12	0	15	0	4	62	1	0	67	0	4	0	4	0	8	0	3	77	11	0	91	181
9:15 AM	0	8	2	6	0	16	0	9	85	4	0	98	0	4	0	6	0	10	0	2	75	7	0	84	208
9:30 AM	0	2	0	5	0	7	0	3	72	2	0	77	0	6	0	11	0	17	0	2	61	8	0	71	172
9:45 AM	0	2	1	7	0	10	0	3	69	3	0	75	0	6	3	4	0	13	0	2	61	11	0	74	172
Hourly Total	0	15	3	30	0	48	0	19	288	10	0	317	0	20	3	25	0	48	0	9	274	37	0	320	733
10:00 AM	0	0	1	6	0	7	0	6	66	1	0	73	0	3	1	7	0	11	0	2	62	7	0	71	162
10:15 AM	0	1	0	2	0	3	0	1	75	2	0	78	0	2	0	6	0	8	0	1	66	7	0	74	163
10:30 AM	0	1	0	6	0	7	0	5	68	1	0	74	0	4	0	5	0	9	0	3	70	3	0	76	166
10:45 AM	0	4	0	6	0	10	0	5	68	1	0	74	0	6	0	4	0	10	0	4	70	6	0	80	174
Hourly Total	0	6	1	20	0	27	0	17	277	5	0	299	0	15	1	22	0	38	0	10	268	23	0	301	665
11:00 AM	0	0	1	4	0	5	0	4	81	3	0	88	0	8	0	6	0	14	0	2	62	5	0	69	176
11:15 AM	0	3	0	10	0	13	0	6	93	1	0	100	0	5	0	8	0	13	0	4	78	6	0	88	214
11:30 AM	0	2	1	1	0	4	0	6	78	1	0	85	0	13	2	5	0	20	0	4	83	9	0	96	205
11:45 AM	0	1	2	8	0	11	0	5	91	1	0	97	0	3	1	5	0	9	0	3	88	11	0	102	219
Hourly Total	0	6	4	23	0	33	0	21	343	6	0	370	0	29	3	24	0	56	0	13	311	31	0	355	814
12:00 PM	0	1	1	4	0	6	0	8	82	2	0	92	0	5	0	10	0	15	0	1	82	5	0	88	201
12:15 PM	0	1	0	5	0	6	0	10	91	0	0	101	0	9	0	11	0	20	0	3	70	8	0	81	208
12:30 PM	0	0	3	3	0	6	0	4	89	2	0	95	0	5	0	6	0	11	0	3	82	9	0	94	206
12:45 PM	0	2	0	10	0	12	0	5	83	2	0	90	0	2	1	6	0	9	0	6	96	9	0	111	222
Hourly Total	0	4	4	22	0	30	0	27	345	6	0	378	0	21	1	33	0	55	0	13	330	31	0	374	837
1:00 PM	0	1	1	10	0	12	0	2	66	3	0	71	0	7	1	11	0	19	0	4	85	8	0	97	199
1:15 PM	0	0	0	7	0	7	0	4	78	5	0	87	0	10	1	10	0	21	0	6	83	9	0	98	213
1:30 PM	0	2	1	9	0	12	0	0	74	2	0	76	0	4	2	5	0	11	0	7	86	12	0	105	204
1:45 PM	0	2	3	5	0	10	0	8	76	0	0	84	0	6	2	2	0	10	0	3	69	7	0	79	183
Hourly Total	0	5	5	31	0	41	0	14	294	10	0	318	0	27	6	28	0	61	0	20	323	36	0	379	799
2:00 PM	0	3	1	5	0	9	0	5	72	1	0	78	0	7	0	6	0	13	0	1	81	8	0	90	190
2:15 PM	0	2	2	6	0	10	0	5	69	3	0	77	0	7	1	7	0	15	0	7	91	9	0	107	209
2:30 PM	0	5	1	6	0	12	0	5	100	1	0	106	0	5	1	5	0	11	0	5	110	12	0	127	256
2:45 PM	0	2	2	2	0	6	0	15	98	0	0	113	0	5	0	8	0	13	0	8	89	9	0	106	238
Hourly Total	0	12	6	19	0	37	0	30	339	5	0	374	0	24	2	26	0	52	0	21	371	38	0	430	893
3:00 PM	0	3	3	8	0	14	0	9	129	4	0	142	0	5	2	11	0	18	0	4	97	8	0	109	283
3:15 PM	0	1	2	4	0	7	0	2	87	1	0	90	0	7	1	4	0	12	0	2	101	7	0	110	219
3:30 PM	0	1	0	9	0	10	0	6	121	3	0	130	0	7	1	3	0	11	0	6	119	8	0	133	284
3:45 PM	0	2	0	5	0	7	0	7	110	4	0	121	0	3	0	7	0	10	0	4	99	4	0	107	245
Hourly Total	0	7	5	26	0	38	0	24	447	12	0	483	0	22	4	25	0	51	0	16	416	27	0	459	1031

**TMC 2522 - CSAH 12 @ Town Square Dr
Blaine MN
Tuesday, April 8, 2025**

Time	Southbound Parking Lot						Westbound CSAH 12						Northbound Town Square Dr						Eastbound CSAH 12						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	5	1	7	0	13	0	4	111	4	0	119	0	9	1	17	0	27	0	6	107	8	0	121	280
4:15 PM	0	2	1	4	0	7	0	3	118	7	0	128	0	10	0	10	0	20	0	2	101	15	0	118	273
4:30 PM	0	8	3	9	0	20	0	4	123	4	0	131	0	12	1	19	0	32	0	13	104	11	0	128	311
4:45 PM	0	1	1	7	0	9	0	6	118	3	0	127	0	13	1	11	0	25	0	5	124	7	0	136	297
Hourly Total	0	16	6	27	0	49	0	17	470	18	0	505	0	44	3	57	0	104	0	26	436	41	0	503	1161
5:00 PM	0	4	2	8	0	14	0	6	99	2	0	107	0	14	2	12	0	28	0	2	117	14	0	133	282
5:15 PM	0	3	0	6	0	9	0	7	118	2	0	127	0	5	1	14	0	20	0	3	92	15	0	110	266
5:30 PM	0	2	4	6	0	12	0	8	100	1	0	109	0	4	1	15	0	20	0	6	113	14	0	133	274
5:45 PM	0	4	0	6	0	10	0	4	114	2	0	120	0	9	0	10	0	19	0	2	93	6	0	101	250
Hourly Total	0	13	6	26	0	45	0	25	431	7	0	463	0	32	4	51	0	87	0	13	415	49	0	477	1072
6:00 PM	0	4	2	9	0	15	0	2	102	2	0	106	0	11	2	10	0	23	0	3	131	7	0	141	285
6:15 PM	0	0	0	5	0	5	0	3	98	2	0	103	0	4	0	5	0	9	0	2	94	11	0	107	224
6:30 PM	0	0	0	6	0	6	0	5	90	3	0	98	0	8	0	4	0	12	0	3	102	9	0	114	230
6:45 PM	0	3	1	1	0	5	0	2	74	0	0	76	0	4	1	5	0	10	0	2	92	12	0	106	197
Hourly Total	0	7	3	21	0	31	0	12	364	7	0	383	0	27	3	24	0	54	0	10	419	39	0	468	936
7:00 PM	0	1	0	0	0	1	0	0	75	2	0	77	0	6	0	6	0	12	0	3	101	4	0	108	198
7:15 PM	0	3	0	3	0	6	0	3	73	0	0	76	0	2	0	0	0	2	0	3	76	1	0	80	164
7:30 PM	0	3	1	2	0	6	0	3	72	1	0	76	0	5	0	5	0	10	0	4	79	3	0	86	178
7:45 PM	0	5	0	5	0	10	0	3	71	0	0	74	0	1	0	4	0	5	0	2	67	1	0	70	159
Hourly Total	0	12	1	10	0	23	0	9	291	3	0	303	0	14	0	15	0	29	0	12	323	9	0	344	699
8:00 PM	0	1	0	7	0	8	0	0	62	0	0	62	0	11	0	3	0	14	0	3	93	1	0	97	181
8:15 PM	0	1	0	2	0	3	0	1	63	0	0	64	0	3	0	2	0	5	0	2	67	2	0	71	143
8:30 PM	0	1	0	0	0	1	0	1	41	0	0	42	0	0	0	2	0	2	0	3	47	2	0	52	97
8:45 PM	0	1	1	1	0	3	0	1	32	0	0	33	0	1	0	0	0	1	0	2	56	0	0	58	95
Hourly Total	0	4	1	10	0	15	0	3	198	0	0	201	0	15	0	7	0	22	0	10	263	5	0	278	516
9:00 PM	0	1	0	1	0	2	0	1	25	0	0	26	0	3	1	3	0	7	0	0	38	0	0	38	73
9:15 PM	0	1	0	0	0	1	0	2	30	0	0	32	0	1	0	1	0	2	1	0	48	1	0	50	85
9:30 PM	0	0	0	1	0	1	0	1	27	2	0	30	0	0	0	0	0	0	0	0	47	2	0	49	80
9:45 PM	0	1	0	2	0	3	0	1	11	0	0	12	0	1	0	0	0	1	0	1	35	2	0	38	54
Hourly Total	0	3	0	4	0	7	0	5	93	2	0	100	0	5	1	4	0	10	1	1	168	5	0	175	292
10:00 PM	0	1	0	0	0	1	0	0	17	1	0	18	0	2	0	1	0	3	0	0	20	3	0	23	45
10:15 PM	0	0	0	0	0	0	0	0	14	0	0	14	0	0	0	2	0	2	0	0	20	1	0	21	37
10:30 PM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	20	1	0	21	26
10:45 PM	0	0	0	0	0	0	0	1	14	0	0	15	0	1	0	1	0	2	0	1	11	3	0	15	32
Hourly Total	0	1	0	0	0	1	0	1	50	1	0	52	0	3	0	4	0	7	0	1	71	8	0	80	140
11:00 PM	0	0	0	2	0	2	0	0	9	0	0	9	0	5	0	0	0	5	0	0	16	0	0	16	32
11:15 PM	0	0	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	14	0	0	14	24
11:30 PM	0	0	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	0	0	4	0	0	4	19
11:45 PM	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	1	0	1	0	0	4	0	0	4	13
Hourly Total	0	0	0	2	0	2	0	0	42	0	0	42	0	5	0	1	0	6	0	0	38	0	0	38	88
DAILY TOTAL	0	171	54	374	0	599	0	322	5168	124	0	5614	0	362	39	382	0	783	2	226	5359	504	0	6091	13087
Cars	0	170	53	368	0	591	0	317	5101	123	0	5541	0	360	39	378	0	777	2	222	5277	502	0	6003	12912
Heavy Vehicles	0	1	1	6	0	8	0	5	67	1	0	73	0	2	0	4	0	6	0	4	82	2	0	88	175
Heavy Vehicle %	0.00%	0.58%	1.85%	1.60%	0.00%	1.34%	0.00%	1.55%	1.30%	0.81%	0.00%	1.30%	0.00%	0.55%	0.00%	1.05%	0.00%	0.77%	0.00%	1.77%	1.53%	0.40%	0.00%	1.44%	1.34%

TMC 2522 - CSAH 12 @ Town Square Dr
Blaine MN
Tuesday, April 8, 2025
AM Peak Hour (00:00 to 10:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
7:15 AM	0	4	3	7	0	14	0	10	89	3	0	102	0	7	0	4	0	11	0	4	77	9	0	90	217
7:30 AM	0	8	0	9	0	17	0	12	78	2	0	92	0	4	0	1	0	5	0	1	81	13	0	95	209
7:45 AM	0	9	1	6	0	16	0	19	94	4	0	117	0	5	2	5	0	12	0	4	73	14	0	91	236
8:00 AM	0	6	1	11	0	18	0	9	82	3	0	94	0	5	1	4	0	10	0	5	83	14	0	102	224
Peak Hour Total	0	27	5	33	0	65	0	50	343	12	0	405	0	21	3	14	0	38	0	14	314	50	0	378	886
Peak Hour Heavy Vehicles	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	1	10	0	0	11	16
Peak Hour Heavy Vehicles %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.46%	0.00%	0.00%	1.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.14%	3.18%	0.00%	0.00%	2.91%	1.81%
PHF	0.000	0.750	0.417	0.750	0.000	0.903	0.000	0.658	0.912	0.750	0.000	0.865	0.000	0.750	0.375	0.700	0.000	0.792	0.000	0.700	0.946	0.893	0.000	0.926	0.939

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

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
12:30 PM	0	0	3	3	0	6	0	4	89	2	0	95	0	5	0	6	0	11	0	3	82	9	0	94	206
12:45 PM	0	2	0	10	0	12	0	5	83	2	0	90	0	2	1	6	0	9	0	6	96	9	0	111	222
1:00 PM	0	1	1	10	0	12	0	2	66	3	0	71	0	7	1	11	0	19	0	4	85	8	0	97	199
1:15 PM	0	0	0	7	0	7	0	4	78	5	0	87	0	10	1	10	0	21	0	6	83	9	0	98	213
Peak Hour Total	0	3	4	30	0	37	0	15	316	12	0	343	0	24	3	33	0	60	0	19	346	35	0	400	840
Peak Hour Heavy Vehicles	0	0	0	0	0	0	0	1	11	0	0	12	0	0	0	0	0	0	0	0	7	0	0	7	19
Peak Hour Heavy Vehicles %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.67%	3.48%	0.00%	0.00%	3.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.02%	0.00%	0.00%	1.75%	2.26%
PHF	0.000	0.375	0.333	0.750	0.000	0.771	0.000	0.750	0.888	0.600	0.000	0.903	0.000	0.600	0.750	0.750	0.000	0.714	0.000	0.792	0.901	0.972	0.000	0.901	0.946

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	
4:15 PM	0	2	1	4	0	7	0	3	118	7	0	128	0	10	0	10	0	20	0	2	101	15	0	118	273
4:30 PM	0	8	3	9	0	20	0	4	123	4	0	131	0	12	1	19	0	32	0	13	104	11	0	128	311
4:45 PM	0	1	1	7	0	9	0	6	118	3	0	127	0	13	1	11	0	25	0	5	124	7	0	136	297
5:00 PM	0	4	2	8	0	14	0	6	99	2	0	107	0	14	2	12	0	28	0	2	117	14	0	133	282
Peak Hour Total	0	15	7	28	0	50	0	19	458	16	0	493	0	49	4	52	0	105	0	22	446	47	0	515	1163
Peak Hour Heavy Vehicles	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	4	0	0	4	10
Peak Hour Heavy Vehicles %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.31%	0.00%	0.00%	1.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.90%	0.00%	0.00%	0.78%	0.86%
PHF	0.000	0.469	0.583	0.778	0.000	0.625	0.000	0.792	0.931	0.571	0.000	0.941	0.000	0.875	0.500	0.684	0.000	0.820	0.000	0.423	0.899	0.783	0.000	0.947	0.935

Total Vehicles On Leg			988		
Vehicles Entering Intersection		599	Vehicles Exiting Intersection		389
Southbound					
Cars	368	53	170	0	0
Heavy	6	1	1	0	0
Total	374	54	171	0	0

Total Vehicles on Leg 11997	Vehicles Entering Intersection 6091	Eastbound	Cars	Heavy	Total
	Vehicles Exiting Intersection 5906		0	0	0
			2	0	2
			222	4	226
			5277	82	5359
			502	2	504

Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection 5614	Total Vehicles on Leg 11526
123	1	124			
5101	67	5168			
317	5	322			
0	0	0			
0	0	0		Vehicles Exiting Intersection 5912	

Cars	0	0	360	39	378
Heavy	0	0	2	0	4
Total	0	0	362	39	382
Northbound					
Vehicles Entering Intersection 783			Vehicles Exiting Intersection 880		
Total Vehicles On Leg			1663		

**TMC 2522 - CSAH 12 @ Town Square Dr
Blaine MN
Tuesday, April 8, 2025**

Time	Southbound Heavy Parking Lot						Westbound Heavy CSAH 12						Northbound Heavy Town Square Dr						Eastbound Heavy CSAH 12						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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	1	0	0	0	0	0	0	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	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	0	0	0	0	1
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 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
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	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
5:00 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
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	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	2
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	3	0	0	4	5
6:00 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
6:15 AM	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
6:30 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
6:45 AM	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	3
Hourly 'Heavy Vehicles'	0	0	0	2	0	2	0	0	2	0	0	2	0	0	0	1	0	1	0	1	0	0	0	1	6
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3
7:15 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	5
7:30 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
7:45 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	3	0	0	3	0	0	0	0	0	0	0	1	8	0	0	9	12

**TMC 2522 - CSAH 12 @ Town Square Dr
Blaine MN
Tuesday, April 8, 2025**

	Southbound Heavy Parking Lot						Westbound Heavy CSAH 12						Northbound Heavy Town Square Dr						Eastbound Heavy CSAH 12						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	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	5	0	0	5	7
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	
8:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3	
8:45 AM	0	0	0	1	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	4	
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	0	6	0	0	6	0	0	0	0	0	0	0	0	9	0	0	9	16	
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3	
9:15 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	
9:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	1	0	0	1	0	0	1	4	
9:45 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	2	3	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	3	1	0	4	0	0	0	1	0	1	0	0	6	1	0	7	12	
10:00 AM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	3	
10:15 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	5	
10:30 AM	0	0	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	0	0	0	2	0	0	2	6	
10:45 AM	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3	
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	2	7	0	0	9	0	0	0	1	0	1	0	0	6	0	0	6	17	
11:00 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	1	0	1	0	2	0	0	2	0	0	2	7	
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	
11:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	5	
11:45 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	2	0	0	2	5	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	8	0	0	8	0	1	0	1	0	2	0	0	8	1	0	9	19	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3	
12:15 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	
12:30 PM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	2	0	0	2	7	
12:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	8	0	0	8	16	
1:00 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	
1:15 PM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	4	0	0	4	5	
1:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
1:45 PM	0	0	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	0	0	0	3	0	0	3	7	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	2	8	0	0	10	0	0	0	0	0	0	0	0	7	0	0	7	17	
2:00 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	
2:15 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	
2:30 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	2	0	3	5	
2:45 PM	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	9	0	0	9	11	
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	1	4	0	0	5	0	0	0	0	0	0	0	0	1	13	0	0	14	20
3:00 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2	4	
3:15 PM	0	1	0	0	0	1	0	0	3	0	0	3	0	1	0	0	0	1	0	0	1	0	0	1	6	
3:30 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2	4	
3:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2	
Hourly 'Heavy Vehicles'	0	1	0	0	0	1	0	0	8	0	0	8	0	1	0	0	0	1	0	0	6	0	0	6	16	

Tuesday, April 8, 2025

[illegible]

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2522

Study Date : 04/24/2025

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 12

Number of Lanes : 2+

Total Approach Volume: 6,091

Westbound: CSAH 12

Number of Lanes :2+

Total Approach Volume: 5,614

Minor Street Approaches

Northbound: Town Square Dr

Number of Lanes :1

Total Approach Volume: 783

Southbound: Parking Lot

Number of Lanes :1

Total Approach Volume: 599

Warrant Summary (Rural Values Apply)

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

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

Required volumes reached for 1 hours, 8 are needed

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

Required volumes reached for 9 hours, 8 are needed

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

Required 1A volumes reached for 2 hours, 8 are needed

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

Warrant 2 - Four Hour Volumes.....Not Satisfied

Number of hours (3) volumes exceed minimum < minimum required (4).

Warrant 3 - Peak Hour.....Satisfied

Warrant 3A - Peak Hour Delay.....Satisfied

Number of one hour periods (3) volumes exceed minimum >= required (1). Delay data not evaluated.

Warrant 3B - Peak Hour Volumes.....Not Satisfied

Volumes do not exceed minimums for any 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 2522

Study Date : 04/24/2025

Warrant 1A - Minimum Volumes

Description

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

Summary

Only 1 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

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

Volume Requirements

Rural Factor of 70 % applied
Veh/Hr Major = **420**

Veh/Hr Minor = **105**

Major Road						Minor Road		
CSAH 12						Town Square Dr		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
16:15 - 17:15	515	+	493	=	1008	105	50	Yes
16:00 - 17:00	503	+	505	=	1008	104	49	No
15:30 - 16:30	479	+	498	=	977	68	37	No
15:45 - 16:45	474	+	499	=	973	89	47	No
17:15 - 18:15	485	+	462	=	947	82	46	No
15:00 - 16:00	459	+	483	=	942	51	38	No
14:45 - 15:45	458	+	475	=	933	54	37	No
15:15 - 16:15	471	+	460	=	931	60	37	No
17:30 - 18:30	482	+	438	=	920	71	42	No
14:30 - 15:30	452	+	451	=	903	54	39	No
17:45 - 18:45	463	+	427	=	890	63	36	No
14:15 - 15:15	449	+	438	=	887	57	42	No
18:00 - 19:00	468	+	383	=	851	54	31	No
14:00 - 15:00	430	+	374	=	804	52	37	No
18:15 - 19:15	435	+	354	=	789	43	17	No
07:15 - 08:15	378	+	405	=	783	38	65	No
07:30 - 08:30	377	+	379	=	756	31	63	No
12:00 - 13:00	374	+	378	=	752	55	30	No
11:45 - 12:45	365	+	385	=	750	55	29	No
13:45 - 14:45	403	+	345	=	748	49	41	No
11:15 - 12:15	374	+	374	=	748	57	34	No
12:30 - 13:30	400	+	343	=	743	60	37	No
11:30 - 12:30	367	+	375	=	742	64	27	No
12:15 - 13:15	383	+	357	=	740	59	36	No
12:45 - 13:45	411		324		735	60	43	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2522

Study Date : 04/24/2025

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

9 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 = **1**

Volume Requirements

Rural Factor of 70 % applied
Veh/Hr Major = **630**

Veh/Hr Minor = **53**

Major Road						Minor Road		
CSAH 12						Town Square Dr		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
16:15 - 17:15	515	+	493	=	1008	105	50	Yes
17:15 - 18:15	485	+	462	=	947	82	46	Yes
15:15 - 16:15	471	+	460	=	931	60	37	Yes
14:15 - 15:15	449	+	438	=	887	57	42	Yes
11:45 - 12:45	365	+	385	=	750	55	29	Yes
12:45 - 13:45	411	+	324	=	735	60	43	Yes
07:45 - 08:45	362	+	355	=	717	43	53	Yes
10:45 - 11:45	333	+	347	=	680	57	32	Yes
06:45 - 07:45	329	+	330	=	659	23	64	Yes
14:00 - 15:00	430	+	374	=	804	52	37	No
18:15 - 19:15	435	+	354	=	789	43	17	No
13:45 - 14:45	403	+	345	=	748	49	41	No
18:30 - 19:30	408	+	327	=	735	36	18	No
18:45 - 19:45	380	+	305	=	685	34	18	No
10:30 - 11:30	313	+	336	=	649	46	35	No
19:00 - 20:00	344	+	303	=	647	29	23	No
09:00 - 10:00	320	+	317	=	637	48	48	No
09:15 - 10:15	300	+	323	=	623	51	40	No
08:45 - 09:45	315	+	307	=	622	45	45	No
19:15 - 20:15	333	+	288	=	621	31	30	No
10:15 - 11:15	299	+	314	=	613	41	25	No
19:30 - 20:30	324	+	276	=	600	34	27	No
10:00 - 11:00	301	+	299	=	600	38	27	No
06:30 - 07:30	305	+	291	=	596	23	65	No
09:45 - 10:45	295		300		595	41	27	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2522

Study Date : 04/24/2025

Warrant 1C Combination of Warrants

Description

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

Summary

Only 2 hours meet 1A minimums.
12 hours meet 1B minimums.
Warrant is NOT met.

Site Data Required

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

Volume Requirements

Rural Factor of 70% applied
Warrant 1A 1B
Veh/Hr Major = **336 504**
Veh/Hr Minor = **84 42**

Major Road						Minor Road					
CSAH 12						Town Square Dr					
Time	Major EB	+	Major WB	=	Total		Minor NB		Minor SB		Met1A?
16:45 - 17:45	512	+	470	=	982		93		44		Yes
15:45 - 16:45	474	+	499	=	973		89		47		Yes
15:30 - 16:30	479	+	498	=	977		68		37		No
15:00 - 16:00	459	+	483	=	942		51		38		No
14:45 - 15:45	458	+	475	=	933		54		37		No
15:15 - 16:15	471	+	460	=	931		60		37		No
14:30 - 15:30	452	+	451	=	903		54		39		No
17:45 - 18:45	463	+	427	=	890		63		36		No
14:15 - 15:15	449	+	438	=	887		57		42		No
18:00 - 19:00	468	+	383	=	851		54		31		No
14:00 - 15:00	430	+	374	=	804		52		37		No
18:15 - 19:15	435		354		789		43		17		No

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?	
16:30 - 17:30	507	+	492	=	999	105	52	Yes	
15:30 - 16:30	479	+	498	=	977	68	37	Yes	
17:30 - 18:30	482	+	438	=	920	71	42	Yes	
14:30 - 15:30	452	+	451	=	903	54	39	Yes	
07:30 - 08:30	377	+	379	=	756	31	63	Yes	
12:30 - 13:30	400	+	343	=	743	60	37	Yes	
11:30 - 12:30	367	+	375	=	742	64	27	Yes	
13:30 - 14:30	381	+	315	=	696	49	41	Yes	
10:30 - 11:30	313	+	336	=	649	46	35	Yes	
08:30 - 09:30	324	+	298	=	622	45	45	Yes	
06:30 - 07:30	305	+	291	=	596	23	65	Yes	
09:30 - 10:30	290	+	303	=	593	49	27	Yes	

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2522

Study Date : 04/24/2025

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.

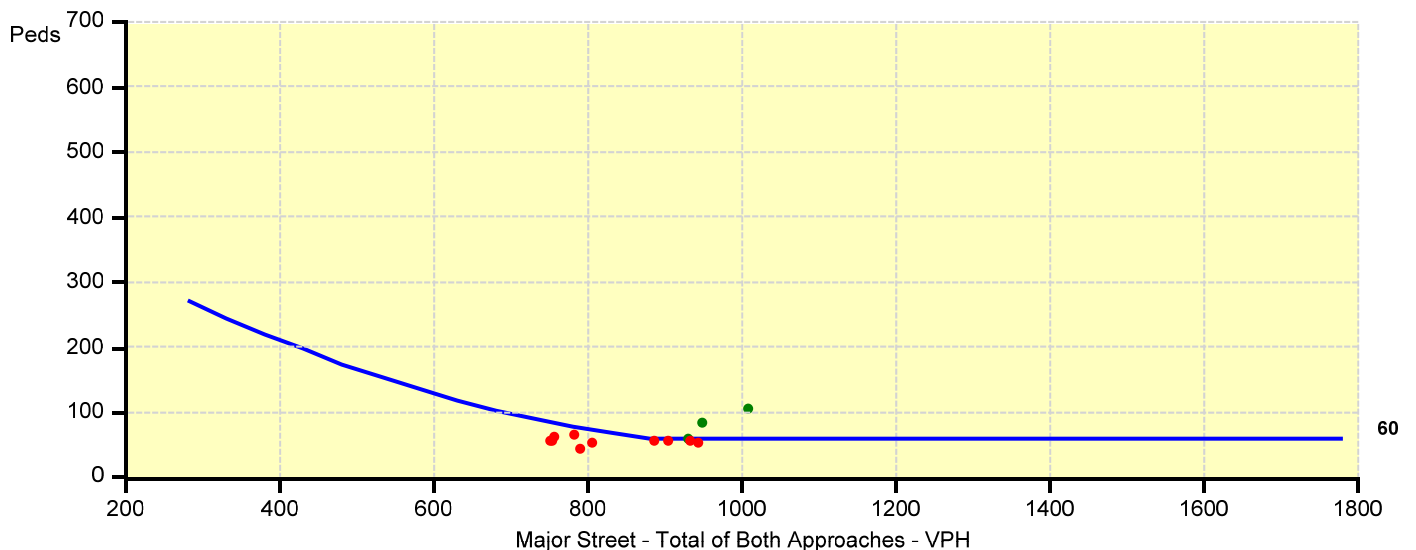
Summary

Only 3 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

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

Major Road						Minor Road		
CSAH 12						Town Square Dr		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
16:15 - 17:15	515	+	493	=	1008	105	50	Yes
17:15 - 18:15	485	+	462	=	947	82	46	Yes
15:15 - 16:15	471	+	460	=	931	60	37	Yes
15:00 - 16:00	459	+	483	=	942	51	38	No
14:45 - 15:45	458	+	475	=	933	54	37	No
14:30 - 15:30	452	+	451	=	903	54	39	No
14:15 - 15:15	449	+	438	=	887	57	42	No
14:00 - 15:00	430	+	374	=	804	52	37	No
18:15 - 19:15	435	+	354	=	789	43	17	No
07:15 - 08:15	378	+	405	=	783	38	65	No
07:30 - 08:30	377	+	379	=	756	31	63	No
12:00 - 13:00	374	+	378	=	752	55	30	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2522

Study Date : 04/24/2025

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

Only 0 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

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

Major Road CSAH 12						Minor Road Town Square Dr		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
16:15 - 17:15	515	+	493	=	1008	105	50	No
16:00 - 17:00	503	+	505	=	1008	104	49	No
16:30 - 17:30	507	+	492	=	999	105	52	No
16:45 - 17:45	512	+	470	=	982	93	44	No
15:30 - 16:30	479	+	498	=	977	68	37	No
15:45 - 16:45	474	+	499	=	973	89	47	No
17:15 - 18:15	485	+	462	=	947	82	46	No
15:00 - 16:00	459	+	483	=	942	51	38	No
17:00 - 18:00	477	+	463	=	940	87	45	No
14:45 - 15:45	458	+	475	=	933	54	37	No
15:15 - 16:15	471	+	460	=	931	60	37	No
17:30 - 18:30	482	+	438	=	920	71	42	No

