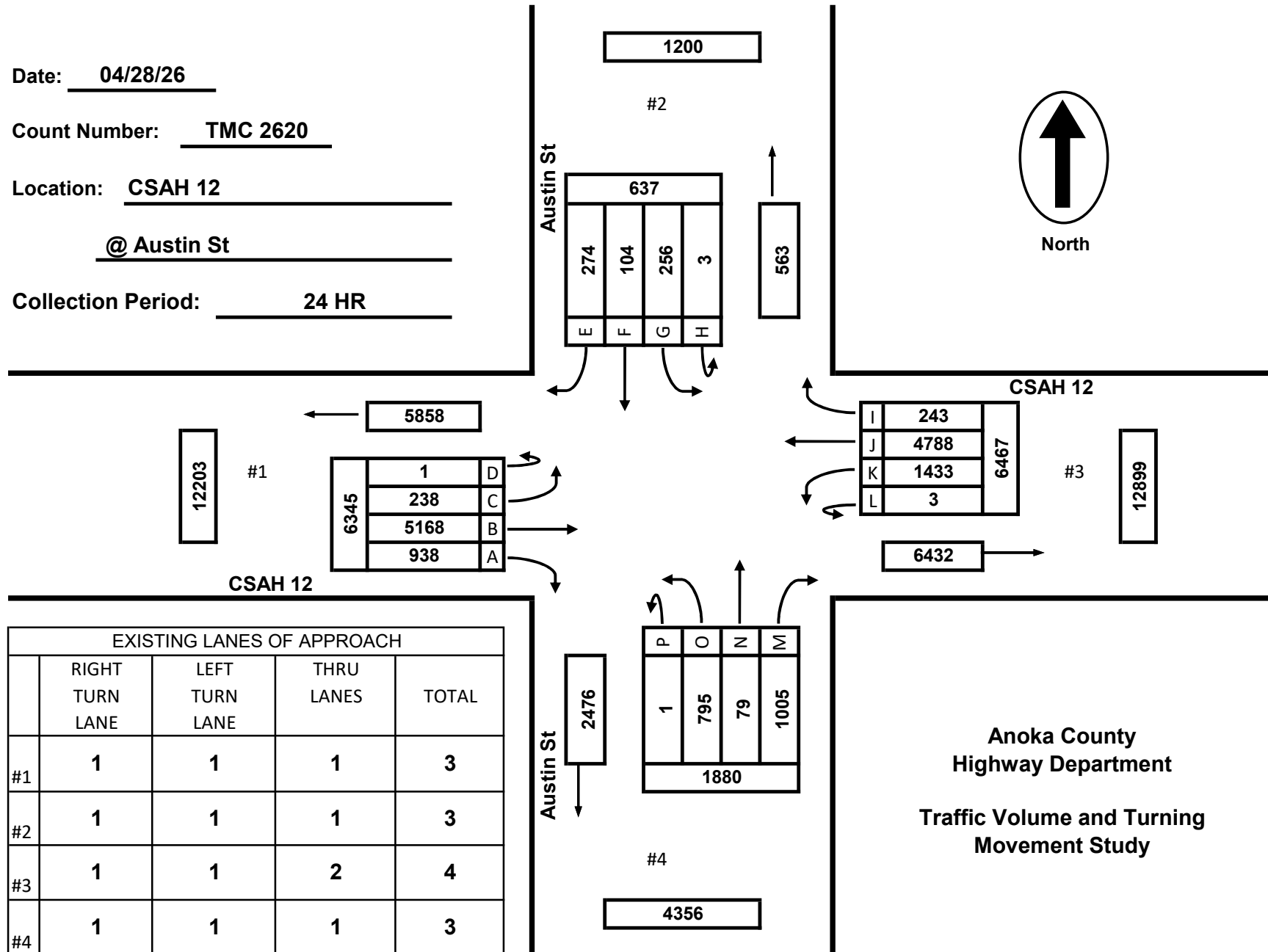
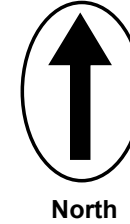


Date: 04/28/26

Count Number: TMC 2620

Location: CSAH 12
@ Austin St

Collection Period: 24 HR



Anoka County
 Highway Department
 Traffic Volume and Turning
 Movement Study

Date: 04/28/26

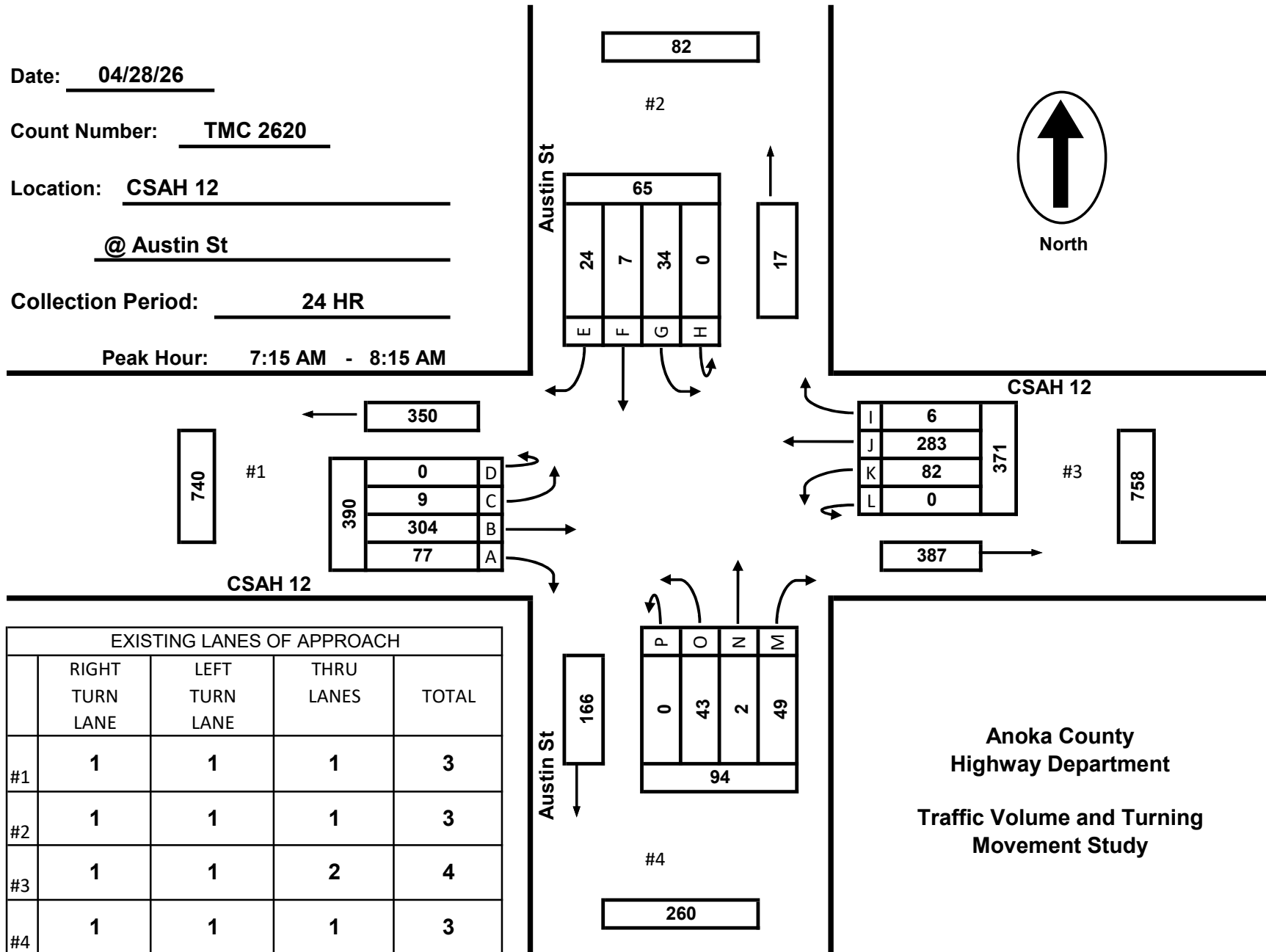
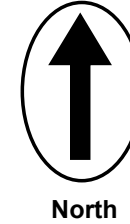
Count Number: TMC 2620

Location: CSAH 12

@ Austin St

Collection Period: 24 HR

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



Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

Date: 04/28/26

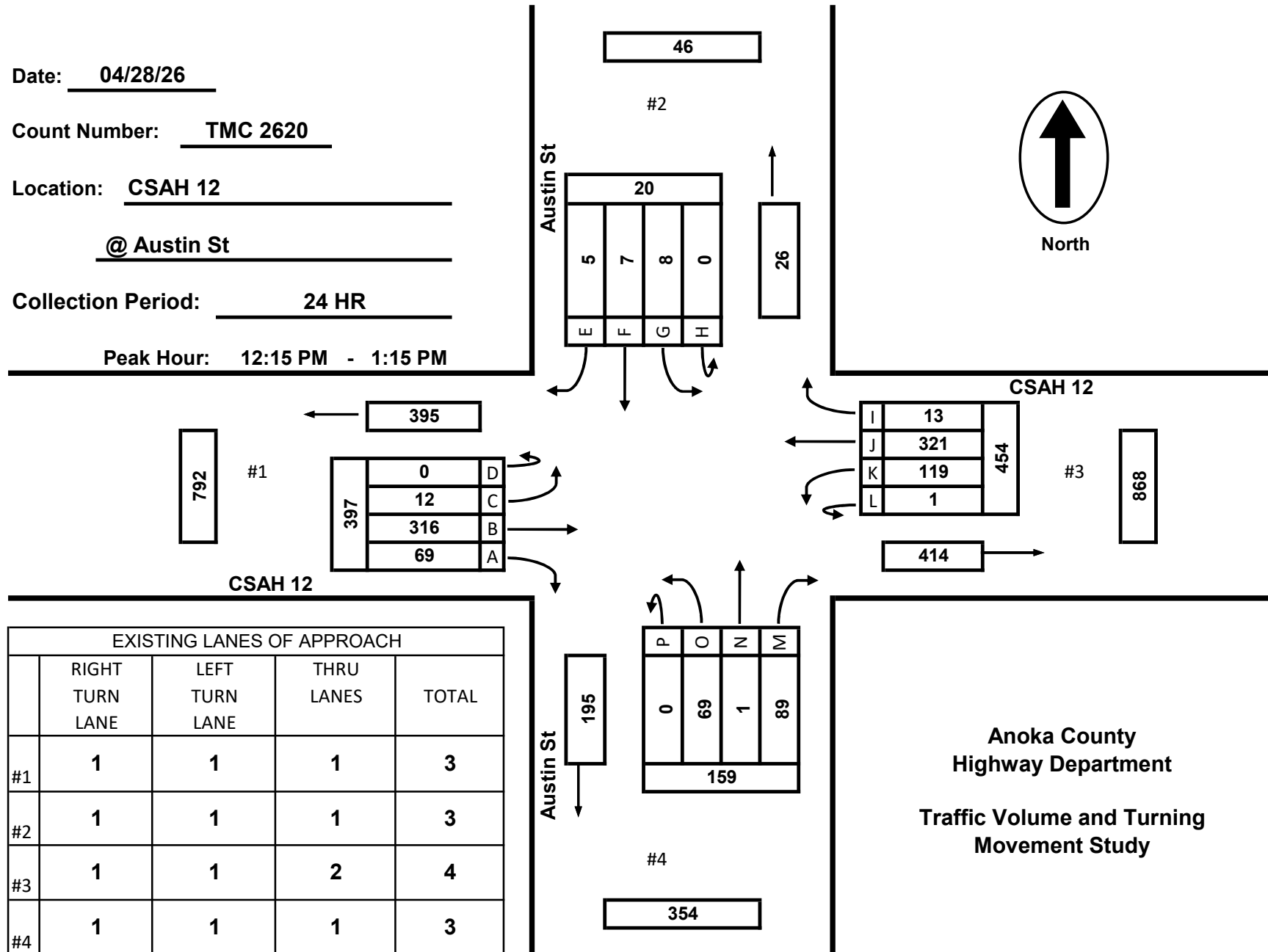
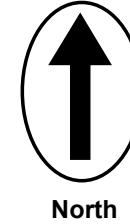
Count Number: TMC 2620

Location: CSAH 12

@ Austin St

Collection Period: 24 HR

Peak Hour: 12:15 PM - 1:15 PM



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	1	1	3
#2	1	1	1	3
#3	1	1	2	4
#4	1	1	1	3

Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

Date: 04/28/26

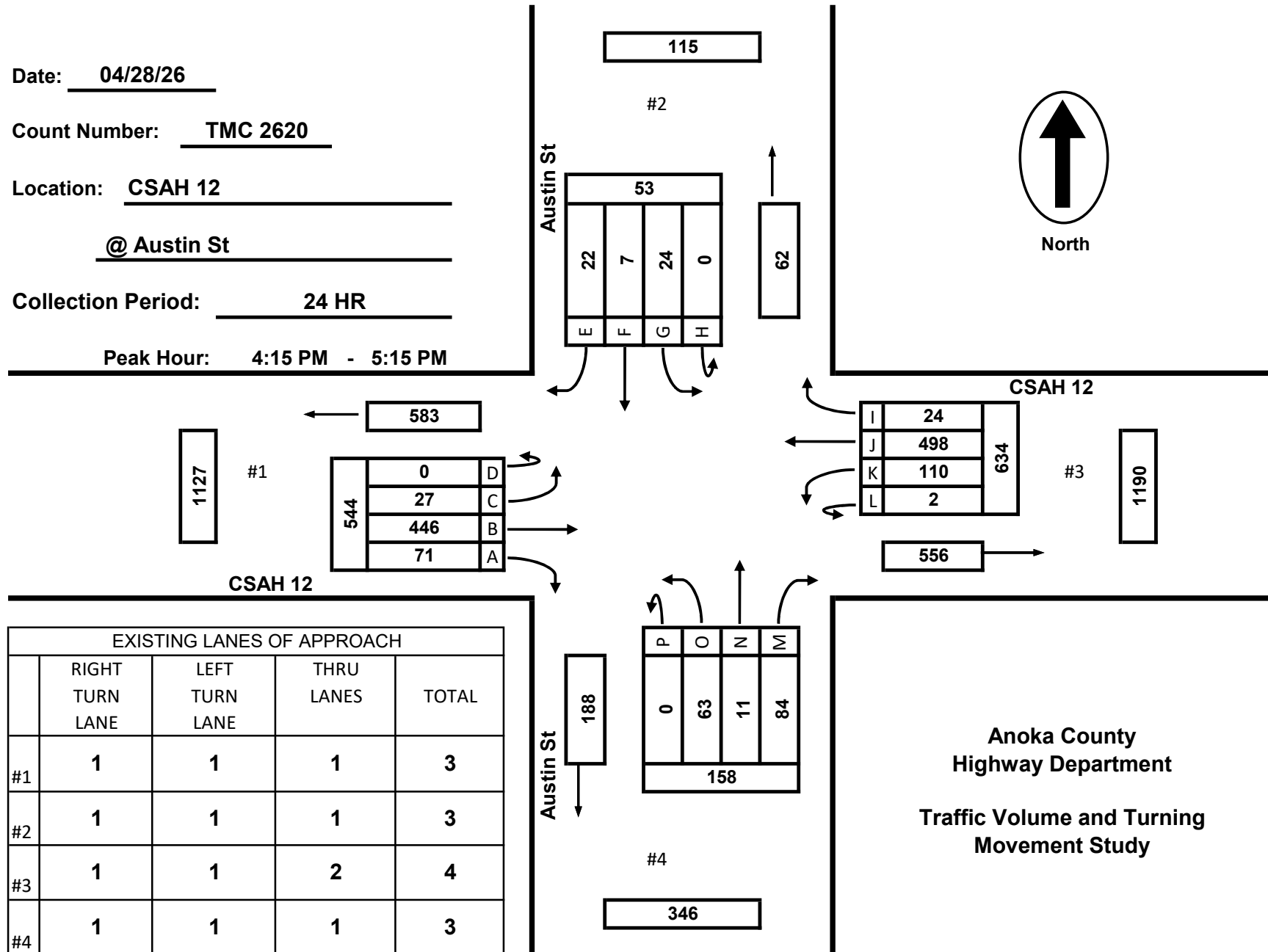
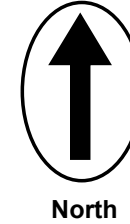
Count Number: TMC 2620

Location: CSAH 12

@ Austin St

Collection Period: 24 HR

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



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	1	1	3
#2	1	1	1	3
#3	1	1	2	4
#4	1	1	1	3

Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

TMC 2620 - CSAH 12 @ Austin St
Blaine Minnesota
Tuesday, April 28, 2026

Time	Southbound Austin St					Westbound CSAH 12					Northbound Austin St					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	2	0	2	0	0	6	1	0	7	0	0	0	1	0	1	0	1	4	0	0	5	15
12:15 AM	0	1	0	0	0	1	0	1	4	0	0	5	0	2	0	0	0	2	0	1	1	0	0	2	10
12:30 AM	0	1	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	9	0	0	9	12
12:45 AM	0	1	0	0	0	1	0	0	1	2	0	3	0	0	0	0	0	0	0	1	2	1	0	4	8
Hourly Total	0	3	0	2	0	5	0	1	13	3	0	17	0	2	0	1	0	3	0	3	16	1	0	20	45
1:00 AM	0	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
1:15 AM	0	1	0	0	0	1	0	0	2	1	0	3	0	0	0	0	0	0	0	0	2	0	0	2	6
1:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	1	1	0	2	4
1:45 AM	0	0	0	0	0	0	0	0	6	1	0	7	0	0	0	0	0	0	0	0	1	0	0	1	8
Hourly Total	0	2	0	0	0	2	0	0	10	2	0	12	0	0	0	1	0	1	0	0	4	1	0	5	20
2:00 AM	0	1	0	0	0	1	0	0	2	2	0	4	0	0	0	0	0	0	0	0	1	0	0	1	6
2:15 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
2:30 AM	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
2:45 AM	0	1	0	0	0	1	0	0	1	1	0	2	0	1	0	0	0	1	0	0	1	0	0	1	5
Hourly Total	0	2	0	0	0	2	0	0	9	3	0	12	0	1	0	0	0	1	0	0	4	0	0	4	19
3:00 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
3:15 AM	0	0	0	0	0	0	0	1	3	0	0	4	0	1	0	0	0	1	0	0	1	0	0	1	6
3:30 AM	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	4	0	0	4	7
3:45 AM	0	0	0	0	0	0	0	1	2	1	0	4	0	0	0	0	0	0	0	0	3	0	0	3	7
Hourly Total	0	0	0	0	0	0	0	3	7	1	0	11	0	1	0	0	0	1	0	0	10	0	0	10	22
4:00 AM	0	0	0	1	0	1	0	0	3	0	0	3	0	0	0	1	0	1	0	0	7	0	0	7	12
4:15 AM	0	1	0	2	1	3	0	2	8	0	0	10	0	0	0	1	0	1	0	0	4	0	0	4	18
4:30 AM	0	0	0	0	0	0	0	3	4	0	0	7	0	1	0	0	0	1	0	0	5	0	0	5	13
4:45 AM	0	0	0	0	0	0	0	2	9	0	0	11	0	1	0	0	0	1	0	0	12	0	0	12	24
Hourly Total	0	1	0	3	1	4	0	7	24	0	0	31	0	2	0	2	0	4	0	0	28	0	0	28	67
5:00 AM	0	1	0	0	0	1	0	2	9	0	0	11	0	2	0	0	0	2	0	0	9	0	0	9	23
5:15 AM	0	2	0	1	0	3	0	3	21	0	0	24	0	2	0	0	0	2	0	2	12	1	0	15	44
5:30 AM	0	4	2	0	0	6	0	2	15	0	0	17	0	0	1	4	0	5	0	0	27	2	0	29	57
5:45 AM	0	1	1	1	0	3	0	5	19	0	0	24	0	2	0	4	0	6	0	0	26	6	0	32	65
Hourly Total	0	8	3	2	0	13	0	12	64	0	0	76	0	6	1	8	0	15	0	2	74	9	0	85	189
6:00 AM	0	5	0	2	0	7	0	12	20	2	0	34	0	4	0	5	0	9	0	0	19	3	0	22	72
6:15 AM	0	4	1	3	0	8	0	10	29	0	0	39	0	4	0	5	0	9	0	0	46	13	0	59	115
6:30 AM	0	12	4	4	0	20	0	13	42	2	0	57	0	4	1	8	0	13	0	3	43	16	0	62	152
6:45 AM	0	5	1	3	0	9	0	17	51	1	0	69	0	6	0	12	0	18	0	1	68	18	0	87	183
Hourly Total	0	26	6	12	0	44	0	52	142	5	0	199	0	18	1	30	0	49	0	4	176	50	0	230	522
7:00 AM	0	6	4	6	0	16	0	19	33	0	0	52	0	5	4	5	0	14	0	1	58	16	0	75	157
7:15 AM	0	8	3	8	0	19	0	17	58	1	0	76	0	7	1	9	0	17	0	1	63	24	0	88	200
7:30 AM	0	15	2	6	1	23	0	20	81	2	0	103	0	12	0	17	0	29	0	2	83	18	0	103	258
7:45 AM	0	6	0	7	0	13	0	24	87	1	0	112	0	10	0	12	0	22	0	2	95	26	0	123	270
Hourly Total	0	35	9	27	1	71	0	80	259	4	0	343	0	34	5	43	0	82	0	6	299	84	0	389	885

TMC 2620 - CSAH 12 @ Austin St
Blaine Minnesota
Tuesday, April 28, 2026

Time	Southbound Austin St						Westbound CSAH 12						Northbound Austin St						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	5	2	3	0	10	0	21	57	2	0	80	0	14	1	11	0	26	0	4	63	9	0	76	192
8:15 AM	1	7	1	5	0	14	0	13	40	1	0	54	0	10	0	12	0	22	0	5	66	18	0	89	179
8:30 AM	0	7	2	9	0	18	0	13	41	3	0	57	0	19	1	9	0	29	0	4	72	16	0	92	196
8:45 AM	0	2	2	6	0	10	0	16	52	1	0	69	0	10	2	9	0	21	0	1	72	14	0	87	187
Hourly Total	1	21	7	23	0	52	0	63	190	7	0	260	0	53	4	41	0	98	0	14	273	57	0	344	754
9:00 AM	0	3	1	8	0	12	0	19	53	1	0	73	0	12	0	11	0	23	0	0	65	13	0	78	186
9:15 AM	0	1	2	5	1	8	0	14	61	1	0	76	0	13	2	13	0	28	0	5	54	12	0	71	183
9:30 AM	0	5	1	3	0	9	0	6	46	1	0	53	0	9	0	11	0	20	0	1	63	16	0	80	162
9:45 AM	0	7	2	5	0	14	0	17	56	0	0	73	0	20	1	11	0	32	0	1	56	13	0	70	189
Hourly Total	0	16	6	21	1	43	0	56	216	3	0	275	0	54	3	46	0	103	0	7	238	54	0	299	720
10:00 AM	0	2	1	0	0	3	0	25	51	0	0	76	0	7	1	8	0	16	0	3	52	17	0	72	167
10:15 AM	0	3	1	1	0	5	0	14	61	3	0	78	0	11	0	13	0	24	0	3	62	10	0	75	182
10:30 AM	0	2	0	2	0	4	0	19	74	1	0	94	0	5	1	16	0	22	0	3	81	9	0	93	213
10:45 AM	0	3	0	4	2	7	0	25	70	4	2	99	0	17	0	21	0	38	0	1	63	16	4	80	224
Hourly Total	0	10	2	7	2	19	0	83	256	8	2	347	0	40	2	58	0	100	0	10	258	52	4	320	786
11:00 AM	1	3	1	3	0	8	0	22	82	2	0	106	0	13	0	10	0	23	0	2	74	18	6	94	231
11:15 AM	0	3	2	7	0	12	0	23	79	0	0	102	0	11	1	21	0	33	0	0	60	14	0	74	221
11:30 AM	0	3	0	3	0	6	0	32	75	5	0	112	0	17	1	17	0	35	0	0	74	16	0	90	243
11:45 AM	0	2	0	8	0	10	0	26	72	0	0	98	0	12	1	22	0	35	0	2	97	24	0	123	266
Hourly Total	1	11	3	21	0	36	0	103	308	7	0	418	0	53	3	70	0	126	0	4	305	72	6	381	961
12:00 PM	0	3	1	3	0	7	0	33	70	2	0	105	0	18	1	19	1	38	0	1	90	16	1	107	257
12:15 PM	0	2	3	0	0	5	0	36	72	4	0	112	0	19	0	18	0	37	0	5	72	15	0	92	246
12:30 PM	0	2	1	4	0	7	0	25	90	3	0	118	0	18	0	20	0	38	0	2	69	22	0	93	256
12:45 PM	0	1	0	1	0	2	1	30	77	3	0	111	0	16	1	24	0	41	0	3	98	15	1	116	270
Hourly Total	0	8	5	8	0	21	1	124	309	12	0	446	0	71	2	81	1	154	0	11	329	68	2	408	1029
1:00 PM	0	3	3	0	0	6	0	28	82	3	0	113	0	16	0	27	0	43	0	2	77	17	0	96	258
1:15 PM	0	3	2	1	0	6	0	24	59	2	0	85	0	13	0	21	1	34	0	1	83	13	0	97	222
1:30 PM	0	4	1	5	0	10	0	24	87	3	0	114	0	21	2	21	0	44	0	2	91	18	0	111	279
1:45 PM	0	1	2	4	0	7	0	18	90	2	0	110	0	13	0	14	0	27	0	4	81	11	1	96	240
Hourly Total	0	11	8	10	0	29	0	94	318	10	0	422	0	63	2	83	1	148	0	9	332	59	1	400	999
2:00 PM	0	4	1	0	0	5	0	23	69	3	0	95	0	17	0	15	0	32	0	3	85	21	0	109	241
2:15 PM	0	4	1	4	0	9	0	27	60	4	0	91	0	22	3	17	0	42	0	5	87	16	0	108	250
2:30 PM	0	3	6	7	0	16	0	18	77	2	0	97	0	18	2	17	0	37	0	3	78	14	0	95	245
2:45 PM	0	2	1	3	0	6	0	25	89	4	0	118	0	16	0	20	0	36	0	2	97	20	0	119	279
Hourly Total	0	13	9	14	0	36	0	93	295	13	0	401	0	73	5	69	0	147	0	13	347	71	0	431	1015
3:00 PM	0	1	1	5	0	7	0	20	105	6	0	131	0	11	0	14	0	25	0	5	100	16	0	121	284
3:15 PM	0	4	5	1	0	10	0	19	92	5	0	116	0	17	0	18	0	35	0	2	97	14	1	113	274
3:30 PM	0	1	1	5	0	7	0	23	123	5	1	151	0	19	0	15	0	34	0	3	115	19	0	137	329
3:45 PM	0	3	3	5	0	11	0	27	115	9	0	151	0	24	1	21	0	46	0	14	102	17	0	133	341
Hourly Total	0	9	10	16	0	35	0	89	435	25	1	549	0	71	1	68	0	140	0	24	414	66	1	504	1228

TMC 2620 - CSAH 12 @ Austin St
Blaine Minnesota
Tuesday, April 28, 2026

Time	Southbound Austin St						Westbound CSAH 12						Northbound Austin St						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	2	1	2	0	5	0	22	117	5	0	144	0	14	1	17	0	32	0	8	120	17	0	145	326
4:15 PM	0	10	3	5	0	18	1	23	119	5	0	148	0	19	4	17	0	40	0	7	121	16	0	144	350
4:30 PM	0	3	0	3	0	6	1	30	127	8	0	166	0	19	4	15	0	38	0	10	110	12	0	132	342
4:45 PM	0	7	2	7	0	16	0	28	125	7	0	160	0	11	2	30	0	43	0	6	112	28	1	146	365
Hourly Total	0	22	6	17	0	45	2	103	488	25	0	618	0	63	11	79	0	153	0	31	463	73	1	567	1383
5:00 PM	0	4	2	7	0	13	0	29	127	4	1	160	0	14	1	22	2	37	0	4	103	15	0	122	332
5:15 PM	0	2	1	9	0	12	0	30	123	5	0	158	0	12	0	18	0	30	0	6	114	19	0	139	339
5:30 PM	0	3	1	6	0	10	0	33	110	11	0	154	0	13	4	22	0	39	0	4	103	22	2	129	332
5:45 PM	0	5	3	5	0	13	0	32	93	5	0	130	0	10	2	21	0	33	0	5	108	16	0	129	305
Hourly Total	0	14	7	27	0	48	0	124	453	25	1	602	0	49	7	83	2	139	0	19	428	72	2	519	1308
6:00 PM	0	2	0	5	0	7	0	32	86	8	0	126	0	11	2	30	0	43	0	2	99	17	1	118	294
6:15 PM	0	3	2	7	0	12	0	25	91	9	0	125	0	13	3	24	0	40	0	5	89	14	1	108	285
6:30 PM	1	0	1	4	1	6	0	20	77	2	0	99	0	12	4	17	0	33	0	1	75	10	0	86	224
6:45 PM	0	2	2	2	0	6	0	23	88	3	0	114	0	9	3	11	0	23	0	4	87	12	0	103	246
Hourly Total	1	7	5	18	1	31	0	100	342	22	0	464	0	45	12	82	0	139	0	12	350	53	2	415	1049
7:00 PM	0	4	3	4	0	11	0	24	82	2	0	108	0	11	3	10	0	24	0	1	75	9	1	85	228
7:15 PM	0	0	0	7	0	7	0	41	71	2	0	114	0	8	1	15	0	24	0	5	86	8	0	99	244
7:30 PM	0	5	1	5	0	11	0	19	57	3	0	79	1	10	0	14	0	25	0	5	70	8	0	83	198
7:45 PM	0	5	0	8	0	13	0	18	49	8	0	75	0	8	1	16	0	25	0	10	63	6	1	79	192
Hourly Total	0	14	4	24	0	42	0	102	259	15	0	376	1	37	5	55	0	98	0	21	294	31	2	346	862
8:00 PM	0	2	4	2	0	8	0	22	58	3	0	83	0	10	2	21	0	33	0	6	77	10	3	93	217
8:15 PM	0	3	0	2	0	5	0	29	55	5	0	89	0	7	2	12	0	21	0	7	64	6	2	77	192
8:30 PM	0	2	3	2	0	7	0	13	39	6	0	58	0	8	1	11	0	20	0	6	48	8	1	62	147
8:45 PM	0	2	0	3	0	5	0	13	39	7	0	59	0	5	0	15	0	20	0	3	65	14	0	82	166
Hourly Total	0	9	7	9	0	25	0	77	191	21	0	289	0	30	5	59	0	94	0	22	254	38	6	314	722
9:00 PM	0	1	1	5	0	7	0	16	31	3	0	50	0	3	6	12	0	21	0	7	57	4	0	68	146
9:15 PM	0	0	0	0	0	0	0	9	20	1	0	30	0	8	0	7	0	15	0	2	27	6	0	35	80
9:30 PM	0	2	4	2	0	8	0	10	22	4	0	36	0	4	2	6	0	12	0	4	25	3	0	32	88
9:45 PM	0	5	0	2	0	7	0	4	18	6	0	28	0	4	1	7	0	12	0	4	39	4	0	47	94
Hourly Total	0	8	5	9	0	22	0	39	91	14	0	144	0	19	9	32	0	60	0	17	148	17	0	182	408
10:00 PM	0	0	0	1	0	1	0	6	16	3	0	25	0	3	0	4	0	7	0	2	24	3	1	29	62
10:15 PM	0	2	2	1	0	5	0	6	15	3	0	24	0	3	1	3	0	7	0	1	28	3	0	32	68
10:30 PM	0	1	0	1	0	2	0	5	15	3	0	23	0	0	0	0	0	0	1	1	13	0	0	15	40
10:45 PM	0	1	0	0	0	1	0	2	8	2	0	12	0	0	0	2	0	2	0	2	15	2	0	19	34
Hourly Total	0	4	2	3	0	9	0	19	54	11	0	84	0	6	1	9	0	16	1	6	80	8	1	95	204
11:00 PM	0	0	0	1	0	1	0	3	15	1	0	19	0	0	0	1	0	1	0	0	13	0	0	13	34
11:15 PM	0	1	0	0	0	1	0	1	12	2	0	15	0	0	0	0	0	0	0	1	12	0	0	13	29
11:30 PM	0	1	0	0	0	1	0	5	20	3	0	28	0	4	0	2	0	6	0	1	11	1	0	13	48
11:45 PM	0	0	0	0	0	0	0	0	8	1	0	9	0	0	0	2	0	2	0	1	8	1	0	10	21
Hourly Total	0	2	0	1	0	3	0	9	55	7	0	71	0	4	0	5	0	9	0	3	44	2	0	49	132
DAILY TOTAL	3	256	104	274	6	637	3	1433	4788	243	4	6467	1	795	79	1005	4	1880	1	238	5168	938	28	6345	15329
Cars	3	253	101	265	5	622	3	1404	4741	241	3	6389	1	785	77	989	4	1852	1	232	5101	929	24	6263	15126
Heavy Vehicles	0	3	3	9	1	15	0	29	47	2	1	78	0	10	2	16	0	28	0	6	67	9	4	82	203
Heavy Vehicle %	0.00%	1.17%	2.88%	3.28%	16.67%	2.35%	0.00%	2.02%	0.98%	0.82%	25.00%	1.21%	0.00%	1.26%	2.53%	1.59%	0.00%	1.49%	0.00%	2.52%	1.30%	0.96%	14.29%	1.29%	1.32%

**TMC 2620 - CSAH 12 @ Austin St
Blaine Minnesota
Tuesday, April 28, 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	
7:15 AM	0	8	3	8	0	19	0	17	58	1	0	76	0	7	1	9	0	17	0	1	63	24	0	88	200
7:30 AM	0	15	2	6	1	23	0	20	81	2	0	103	0	12	0	17	0	29	0	2	83	18	0	103	258
7:45 AM	0	6	0	7	0	13	0	24	87	1	0	112	0	10	0	12	0	22	0	2	95	26	0	123	270
8:00 AM	0	5	2	3	0	10	0	21	57	2	0	80	0	14	1	11	0	26	0	4	63	9	0	76	192
Peak Hour Total	0	34	7	24	1	65	0	82	283	6	0	371	0	43	2	49	0	94	0	9	304	77	0	390	920
Peak Hour Heavy Vehicle	0	1	1	2	0	4	0	4	4	0	0	8	0	0	1	2	0	3	0	2	3	0	0	5	20
Peak Hour Heavy Vehicle PHF	0.00%	2.94%	14.29%	8.33%	0.00%	6.15%	0.00%	4.88%	1.41%	0.00%	0.00%	2.16%	0.00%	0.00%	50.00%	4.08%	0.00%	3.19%	0.00%	22.22%	0.99%	0.00%	0.00%	1.28%	2.17%
	0.000	0.567	0.583	0.750	0.000	0.707	0.000	0.854	0.813	0.750	0.000	0.828	0.000	0.768	0.500	0.721	0.000	0.810	0.000	0.563	0.800	0.740	0.000	0.793	0.852

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	
12:15 PM	0	2	3	0	0	5	0	36	72	4	0	112	0	19	0	18	0	37	0	5	72	15	0	92	246
12:30 PM	0	2	1	4	0	7	0	25	90	3	0	118	0	18	0	20	0	38	0	2	69	22	0	93	256
12:45 PM	0	1	0	1	0	2	1	30	77	3	0	111	0	16	1	24	0	41	0	3	98	15	1	116	270
1:00 PM	0	3	3	0	0	6	0	28	82	3	0	113	0	16	0	27	0	43	0	2	77	17	0	96	258
Peak Hour Total	0	8	7	5	0	20	1	119	321	13	0	454	0	69	1	89	0	159	0	12	316	69	1	397	1030
Peak Hour Heavy Vehicle	0	0	0	0	0	0	0	0	1	3	0	4	0	1	0	1	0	2	0	0	7	2	0	9	15
Peak Hour Heavy Vehicle PHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.84%	0.93%	0.00%	0.00%	0.88%	0.00%	1.45%	0.00%	1.12%	0.00%	1.26%	0.00%	0.00%	2.22%	2.90%	0.00%	2.27%	1.46%
	0.000	0.667	0.583	0.313	0.000	0.714	0.250	0.826	0.892	0.813	0.000	0.962	0.000	0.908	0.250	0.824	0.000	0.924	0.000	0.600	0.806	0.784	0.250	0.856	0.954

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	10	3	5	0	18	1	23	119	5	0	148	0	19	4	17	0	40	0	7	121	16	0	144	350
4:30 PM	0	3	0	3	0	6	1	30	127	8	0	166	0	19	4	15	0	38	0	10	110	12	0	132	342
4:45 PM	0	7	2	7	0	16	0	28	125	7	0	160	0	11	2	30	0	43	0	6	112	28	1	146	365
5:00 PM	0	4	2	7	0	13	0	29	127	4	1	160	0	14	1	22	2	37	0	4	103	15	0	122	332
Peak Hour Total	0	24	7	22	0	53	2	110	498	24	1	634	0	63	11	84	2	158	0	27	446	71	1	544	1389
Peak Hour Heavy Vehicle	0	2	1	1	0	4	0	2	3	0	0	5	0	0	1	0	0	1	0	1	2	0	0	3	13
Peak Hour Heavy Vehicle PHF	0.00%	8.33%	14.29%	4.55%	0.00%	7.55%	0.00%	1.82%	0.60%	0.00%	0.00%	0.79%	0.00%	1.59%	0.00%	0.00%	0.00%	0.63%	0.00%	3.70%	0.45%	0.00%	0.00%	0.55%	0.94%
	0.000	0.600	0.583	0.786	0.000	0.736	0.500	0.917	0.980	0.750	0.250	0.955	0.000	0.829	0.688	0.700	0.250	0.919	0.000	0.675	0.921	0.634	0.250	0.932	0.951

Total Vehicles On Leg		1200	
Vehicles Entering Intersection	637	Vehicles Exiting Intersection	563
Southbound			
Cars	265	101	253
Heavy	9	3	0
Total	274	104	253

Total Vehicles on Leg 12203	Vehicles Entering Intersectio	Eastbound	Cars	Heavy	Total
	6345		24	4	28
	Vehicles Exiting Intersectio		1	0	1
	5858		232	6	238
			5101	67	5168
			929	9	938

Cars	Heavy	Total	Westbound	Vehicles Entering Intersectio	Total Vehicles on Leg 12899
241	2	243		6467	
4741	47	4788		Vehicles Exiting Intersectio	
1404	29	1433		6432	
3	0	3			
3	1	4			

Daily Volumes

Cars	4	1	785	77	989
Heavy	0	0	10	2	16
Total	4	1	795	79	1005
Northbound					
Vehicles Entering Intersection	1880		Vehicles Exiting Intersection	2476	
Total Vehicles On Leg			4356		

TMC 2620 - CSAH 12 @ Austin St
Blaine Minnesota
Tuesday, April 28, 2026

Time	Southbound Heavy Austin St						Westbound Heavy CSAH 12						Northbound Heavy Austin St						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	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	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	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	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	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	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	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	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	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	0
2:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
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	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	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	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	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	1	0	0	1	1
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
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	0
4:15 AM	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4:30 AM	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2	0	0	2	3
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	2	1	0	0	3	0	2	0	0	0	2	0	0	2	0	0	2	2	7
5:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	2
5:15 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	0
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	0	1	1
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	0	0	2	0	0	2	2	4
6:00 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	0	1
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
6:30 AM	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	1	3
6:45 AM	0	0	0	0	0	0	0	0	2	1	0	3	0	1	0	0	0	1	0	0	2	0	0	0	2	6
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	1	4	1	0	6	0	1	0	0	0	1	0	0	4	0	0	4	4	11
7:00 AM	0	0	0	1	0	1	0	3	0	0	0	3	0	0	0	1	0	1	0	0	1	0	0	0	1	6
7:15 AM	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	0	0	0	3	4
7:45 AM	0	1	0	1	0	2	0	3	4	0	0	7	0	0	0	1	0	1	0	1	0	0	0	0	1	11
Hourly 'Heavy Vehicles'	0	1	1	3	0	5	0	6	4	0	0	10	0	0	0	3	0	3	0	2	3	0	0	5	5	23

TMC 2620 - CSAH 12 @ Austin St
Blaine Minnesota
Tuesday, April 28, 2026

Time	Southbound Heavy Austin St						Westbound Heavy CSAH 12						Northbound Heavy Austin St						Eastbound Heavy CSAH 12						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	1	0	0	0	1	0	0	1	0	0	0	1	0	0	1	0	0	0	1	3
8:15 AM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	0	0	3	4
8:30 AM	0	0	0	1	0	1	0	3	2	1	0	6	0	1	0	1	0	2	0	0	3	0	0	0	3	12	
8:45 AM	0	0	0	1	0	1	0	0	1	0	0	1	0	0	1	1	0	2	0	0	0	0	0	0	0	4	
Hourly 'Heavy Vehicles'	0	0	0	2	0	2	0	5	3	1	0	9	0	1	2	2	0	5	0	0	6	1	0	7	23		
9:00 AM	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	2	4	
9:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	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	0	1	4	
9:45 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	0	1	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	1	5	0	0	6	0	0	0	1	0	1	0	0	3	1	0	4	11		
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	
10:30 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	5	0	0	0	5	8	
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	4	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	12	1	0	13	16		
11:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	1	3	
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	0	2	3	
11:30 AM	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	2	0	0	0	2	5	
11:45 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	2	4	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	1	5	0	0	6	0	1	0	1	0	2	0	0	6	1	0	7	15		
12:00 PM	0	0	0	0	0	0	0	2	2	0	0	4	0	0	0	2	0	2	0	1	0	1	0	0	2	8	
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3	3	
12:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	2	
12:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	2	0	0	2	1	0	0	3	6	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	2	4	0	0	6	0	1	0	3	0	4	0	1	5	3	0	9	19		
1:00 PM	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	2	4	
1:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	1	0	0	0	1	3	
1:30 PM	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	1	0	1	0	0	3	2	0	0	5	8	
1:45 PM	0	0	0	1	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	0	1	0	0	0	1	4	
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	3	3	0	0	6	0	1	0	2	0	3	0	0	7	2	0	9	19		
2:00 PM	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	1	3	
2:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	0	0	1	0	0	0	1	3	
2:30 PM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	2	0	0	0	2	4	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	3	2	0	0	5	0	1	0	1	0	2	0	0	4	0	0	4	11		
3:00 PM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	3	
3:15 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	1	1	2	4	
3:30 PM	0	0	0	1	0	1	0	0	2	0	1	2	0	0	0	0	0	0	0	0	1	0	0	0	1	4	
3:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	2	3	
Hourly 'Heavy Vehicles'	0	0	1	2	0	3	0	0	3	0	1	3	0	0	0	1	0	1	0	2	5	0	1	7	14		

TMC 2620 - CSAH 12 @ Austin St
Blaine, Minnesota
Tuesday, April 28, 2026

Time	Southbound Heavy Austin St						Westbound Heavy CSAH 12						Northbound Heavy Austin St						Eastbound Heavy CSAH 12						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	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	2
4:15 PM	0	1	1	1	0	3	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0	3	7
4:30 PM	0	0	0	0	0	0	0	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	7
4:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	2	14
Hourly 'Heavy Vehicles'	0	1	1	1	0	3	0	2	4	0	0	6	0	1	0	0	0	1	0	1	3	0	0	4	14	
5:00 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
5:15 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	
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	1	
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly 'Heavy Vehicles'	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	3	
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	
6:15 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	
6:30 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	
6:45 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	4	
Hourly 'Heavy Vehicles'	0	0	0	0	1	0	0	1	1	0	0	2	0	0	0	1	0	1	0	0	1	0	0	1	4	
7:00 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	
7:15 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	
7:30 PM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	2	
7:45 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	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	2	1	0	0	3	0	0	0	1	0	1	0	0	1	0	0	1	5	
8:00 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	
8:15 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	
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
8:45 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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:15 PM	0	0	0	0	0	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	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	
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	0	0	0	0	0	0	0	0	0	0	0	
DAILY 'Heavy Vehicles'	0	3	3	9	1	15	0	29	47	2	1	78	0	10	2	16	0	28	0	6	67	9	4	82	203	

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2620

Study Date : 06/11/2026

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 12

Number of Lanes : 2+

Total Approach Volume: 6,345

Westbound: CSAH 12

Number of Lanes :2+

Total Approach Volume: 6,467

Minor Street Approaches

Northbound: Austin St

Number of Lanes :2+

Total Approach Volume: 875

Southbound: Austin St

Number of Lanes :2+

Total Approach Volume: 363

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 13 hours, 8 are needed	
Warrant 1C - Combination of Warrants	Not Satisfied
Required 1A volumes reached for 5 hours, 8 are needed	
Required 1B volumes reached for 14 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Not Satisfied
Number of hours (1) volumes exceed minimum < minimum required (4).	
Warrant 3 - Peak Hour	Not 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	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: 2620

Study Date : 06/11/2026

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

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 = **2 or more**

Volume Requirements

Rural Factor of 70 % applied
 Veh/Hr Major = **252**
 Veh/Hr Minor = **84**

Time	Major Road				Total	Minor Road		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
15:45 - 16:45	554	+	609	=	1163	86	25	Yes
16:45 - 17:45	536	+	632	=	1168	57	22	No
15:30 - 16:30	559	+	594	=	1153	82	24	No
17:00 - 18:00	519	+	602	=	1121	56	21	No
15:15 - 16:15	528	+	562	=	1090	76	20	No
17:15 - 18:15	515	+	568	=	1083	54	17	No
15:00 - 16:00	504	+	549	=	1053	72	19	No
17:30 - 18:30	484	+	535	=	1019	58	19	No
14:45 - 15:45	490	+	516	=	1006	63	16	No
17:45 - 18:45	441	+	480	=	921	57	17	No
14:30 - 15:30	448	+	462	=	910	64	23	No
14:15 - 15:15	443	+	437	=	880	72	19	No
18:00 - 19:00	415	+	464	=	879	57	13	No
12:00 - 13:00	408	+	446	=	854	73	13	No
12:15 - 13:15	397	+	454	=	851	70	15	No
11:45 - 12:45	415	+	433	=	848	69	14	No
12:45 - 13:45	420	+	423	=	843	69	17	No
11:30 - 12:30	412	+	427	=	839	69	14	No
13:30 - 14:30	424	+	410	=	834	78	18	No
14:00 - 15:00	431	+	401	=	832	78	22	No
12:30 - 13:30	402	+	427	=	829	64	15	No
18:15 - 19:15	382	+	446	=	828	58	18	No
13:00 - 14:00	400	+	422	=	822	65	19	No
13:15 - 14:15	413	+	404	=	817	66	18	No
11:15 - 12:15	394		417		811	62	14	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2620

Study Date : 06/11/2026

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

13 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**

Time	Major Road				Total	Minor Road		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
16:30 - 17:30	539	+	644	=	1183	63	21	Yes
15:30 - 16:30	559	+	594	=	1153	82	24	Yes
17:30 - 18:30	484	+	535	=	1019	58	19	Yes
14:30 - 15:30	448	+	462	=	910	64	23	Yes
11:30 - 12:30	412	+	427	=	839	69	14	Yes
13:30 - 14:30	424	+	410	=	834	78	18	Yes
12:30 - 13:30	402	+	427	=	829	64	15	Yes
18:30 - 19:30	373	+	435	=	808	51	13	Yes
10:30 - 11:30	341	+	401	=	742	48	15	Yes
07:30 - 08:30	391	+	349	=	740	47	39	Yes
08:30 - 09:30	328	+	275	=	603	59	20	Yes
09:30 - 10:30	297	+	280	=	577	49	22	Yes
06:30 - 07:30	312	+	254	=	566	28	43	Yes
19:30 - 20:30	332	+	326	=	658	41	20	No
19:45 - 20:45	311	+	305	=	616	39	19	No
20:00 - 21:00	314	+	289	=	603	35	16	No
20:15 - 21:15	289	+	256	=	545	32	12	No
06:15 - 07:15	283	+	217	=	500	24	37	No
20:30 - 21:30	247	+	197	=	444	31	9	No
06:00 - 07:00	230	+	199	=	429	19	32	No
20:45 - 21:45	217	+	175	=	392	28	10	No
05:45 - 06:45	175	+	154	=	329	15	28	No
21:00 - 22:00	182	+	144	=	326	28	13	No
21:15 - 22:15	143	+	119	=	262	22	11	No
05:30 - 06:30	142		114		256	11	18	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2620

Study Date : 06/11/2026

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

Only 5 hours meet 1A minimums.
14 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 = **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 CSAH 12

Minor Road Austin St

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1A?
16:00 - 17:00	567	+	618	=	1185	74	28	Yes
15:00 - 16:00	504	+	549	=	1053	72	19	Yes
12:45 - 13:45	420	+	423	=	843	69	17	Yes
11:30 - 12:30	412	+	427	=	839	69	14	Yes
13:45 - 14:45	408	+	393	=	801	75	22	Yes
17:00 - 18:00	519	+	602	=	1121	56	21	No
17:15 - 18:15	515	+	568	=	1083	54	17	No
17:30 - 18:30	484	+	535	=	1019	58	19	No
14:45 - 15:45	490	+	516	=	1006	63	16	No
17:45 - 18:45	441	+	480	=	921	57	17	No
18:00 - 19:00	415	+	464	=	879	57	13	No
12:30 - 13:30	402	+	427	=	829	64	15	No

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?
16:15 - 17:15	544	+	634	=	1178	74	31	Yes
15:15 - 16:15	528	+	562	=	1090	76	20	Yes
17:15 - 18:15	515	+	568	=	1083	54	17	Yes
14:15 - 15:15	443	+	437	=	880	72	19	Yes
12:15 - 13:15	397	+	454	=	851	70	15	Yes
18:15 - 19:15	382	+	446	=	828	58	18	Yes
13:15 - 14:15	413	+	404	=	817	66	18	Yes
11:15 - 12:15	394	+	417	=	811	62	14	Yes
07:15 - 08:15	390	+	371	=	761	45	41	Yes
10:15 - 11:15	342	+	377	=	719	47	14	Yes
19:15 - 20:15	354	+	351	=	705	41	17	Yes
08:15 - 09:15	346	+	253	=	599	54	26	Yes

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2620

Study Date : 06/11/2026

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.

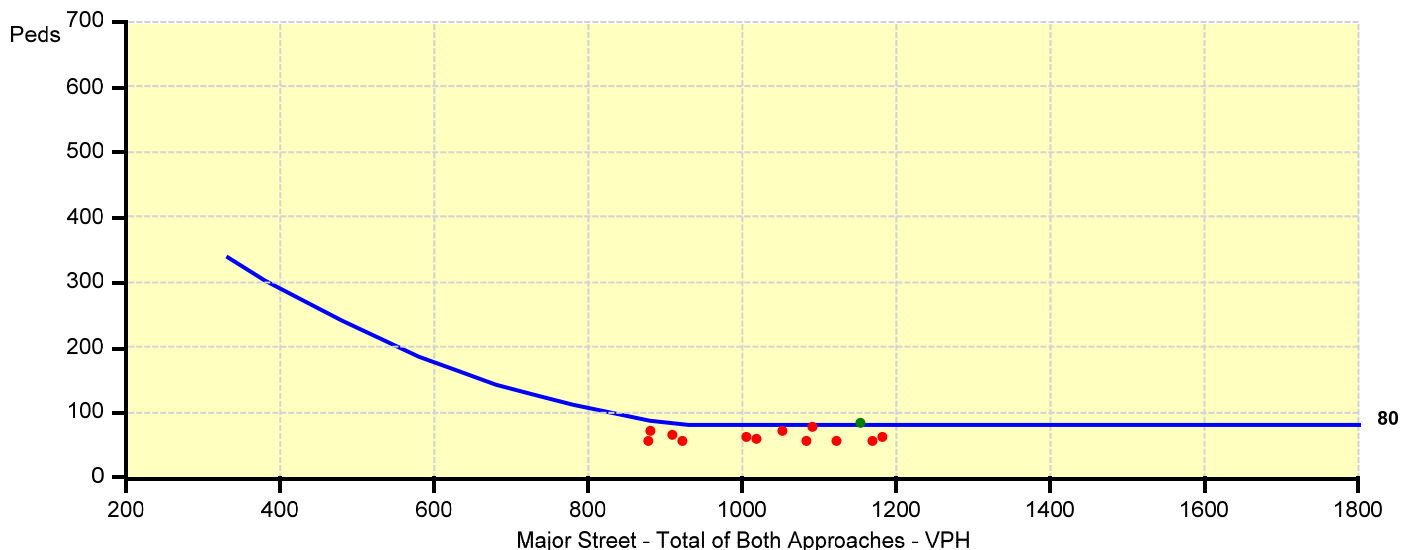
Summary

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 = **2 or more**

Time	Major Road CSAH 12				Total	Minor Road Austin St		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
15:30 - 16:30	559	+	594	=	1153	82	24	Yes
16:30 - 17:30	539	+	644	=	1183	63	21	No
16:45 - 17:45	536	+	632	=	1168	57	22	No
17:00 - 18:00	519	+	602	=	1121	56	21	No
15:15 - 16:15	528	+	562	=	1090	76	20	No
17:15 - 18:15	515	+	568	=	1083	54	17	No
15:00 - 16:00	504	+	549	=	1053	72	19	No
17:30 - 18:30	484	+	535	=	1019	58	19	No
14:45 - 15:45	490	+	516	=	1006	63	16	No
17:45 - 18:45	441	+	480	=	921	57	17	No
14:30 - 15:30	448	+	462	=	910	64	23	No
14:15 - 15:15	443		437		880	72	19	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2620

Study Date : 06/11/2026

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

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 = **2 or more**

Time	Major Road CSAH 12				Total	Minor Road Austin St		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
16:00 - 17:00	567	+	618	=	1185	74	28	No
16:30 - 17:30	539	+	644	=	1183	63	21	No
16:15 - 17:15	544	+	634	=	1178	74	31	No
16:45 - 17:45	536	+	632	=	1168	57	22	No
15:45 - 16:45	554	+	609	=	1163	86	25	No
15:30 - 16:30	559	+	594	=	1153	82	24	No
17:00 - 18:00	519	+	602	=	1121	56	21	No
15:15 - 16:15	528	+	562	=	1090	76	20	No
17:15 - 18:15	515	+	568	=	1083	54	17	No
15:00 - 16:00	504	+	549	=	1053	72	19	No
17:30 - 18:30	484	+	535	=	1019	58	19	No
14:45 - 15:45	490		516		1006	63	16	No

