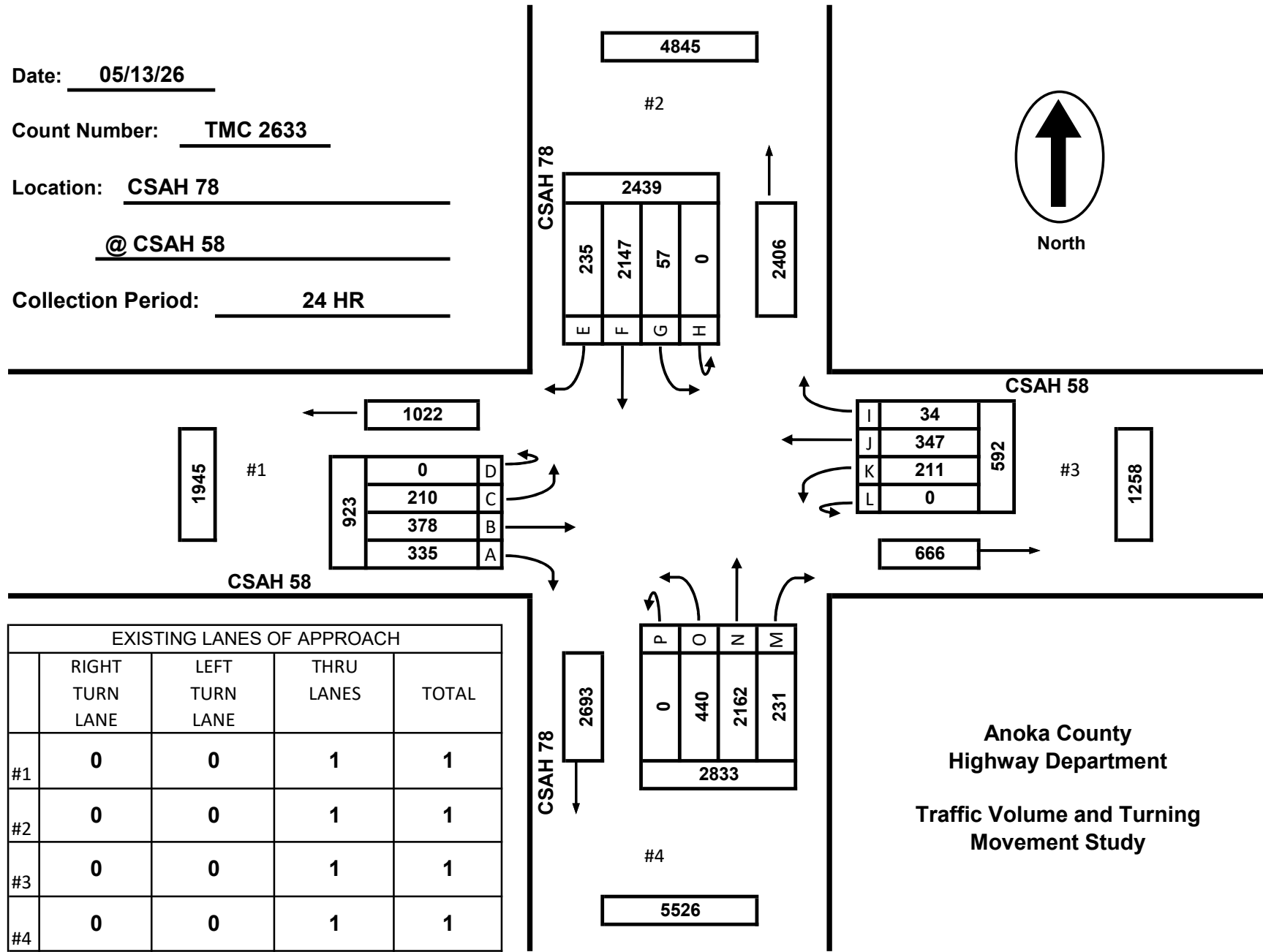
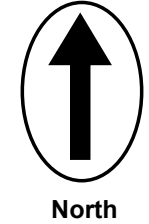


Date: 05/13/26

Count Number: TMC 2633

Location: CSAH 78
@ CSAH 58

Collection Period: 24 HR



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	0	0	1	1
#2	0	0	1	1
#3	0	0	1	1
#4	0	0	1	1

Anoka County
 Highway Department
 Traffic Volume and Turning
 Movement Study

Date: 05/13/26

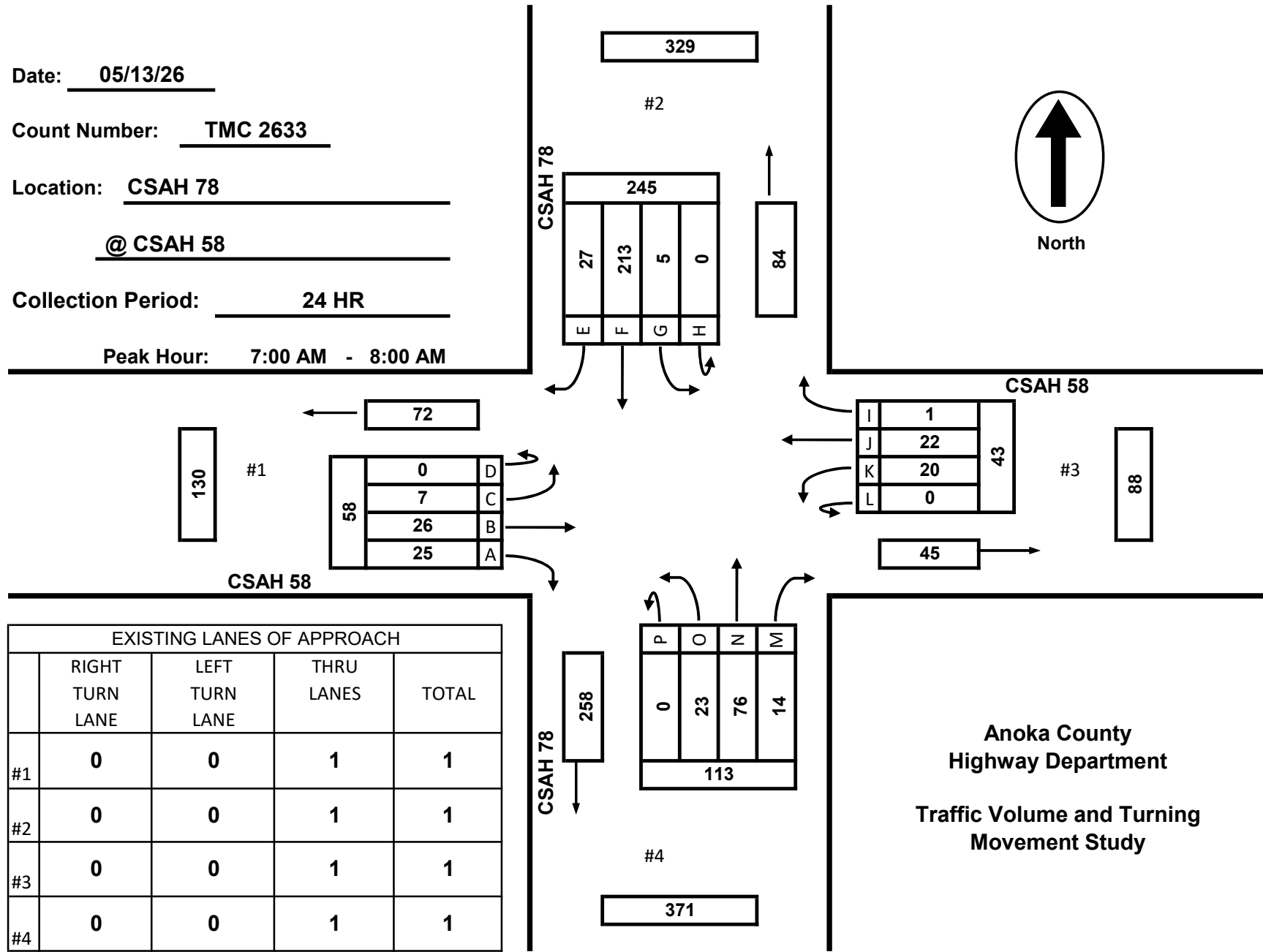
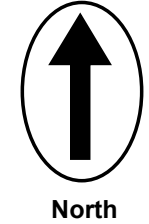
Count Number: TMC 2633

Location: CSAH 78

@ CSAH 58

Collection Period: 24 HR

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



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	0	0	1	1
#2	0	0	1	1
#3	0	0	1	1
#4	0	0	1	1

Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

Date: 05/13/26

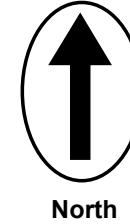
Count Number: TMC 2633

Location: CSAH 78

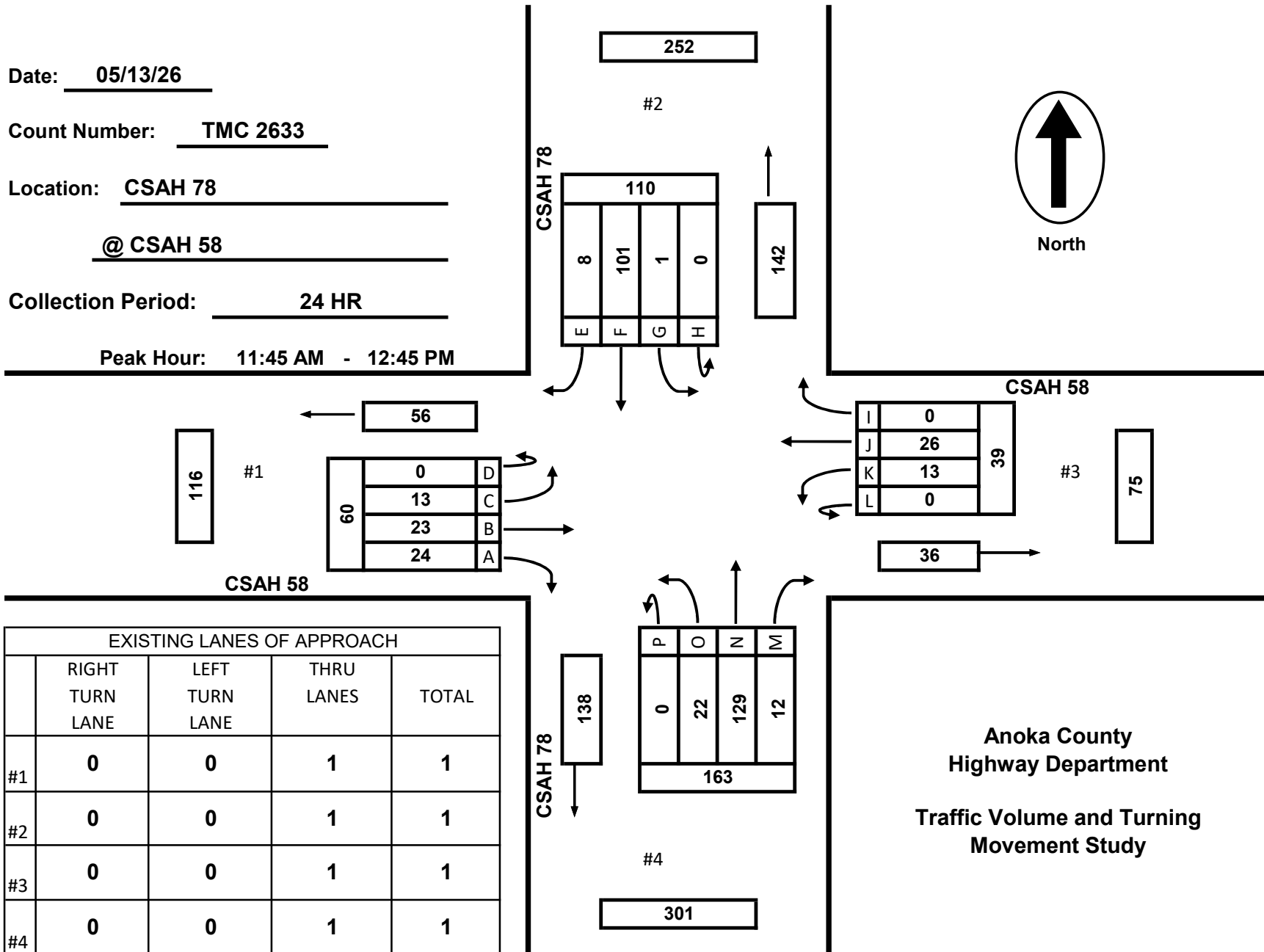
@ CSAH 58

Collection Period: 24 HR

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



North



Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

Date: 05/13/26

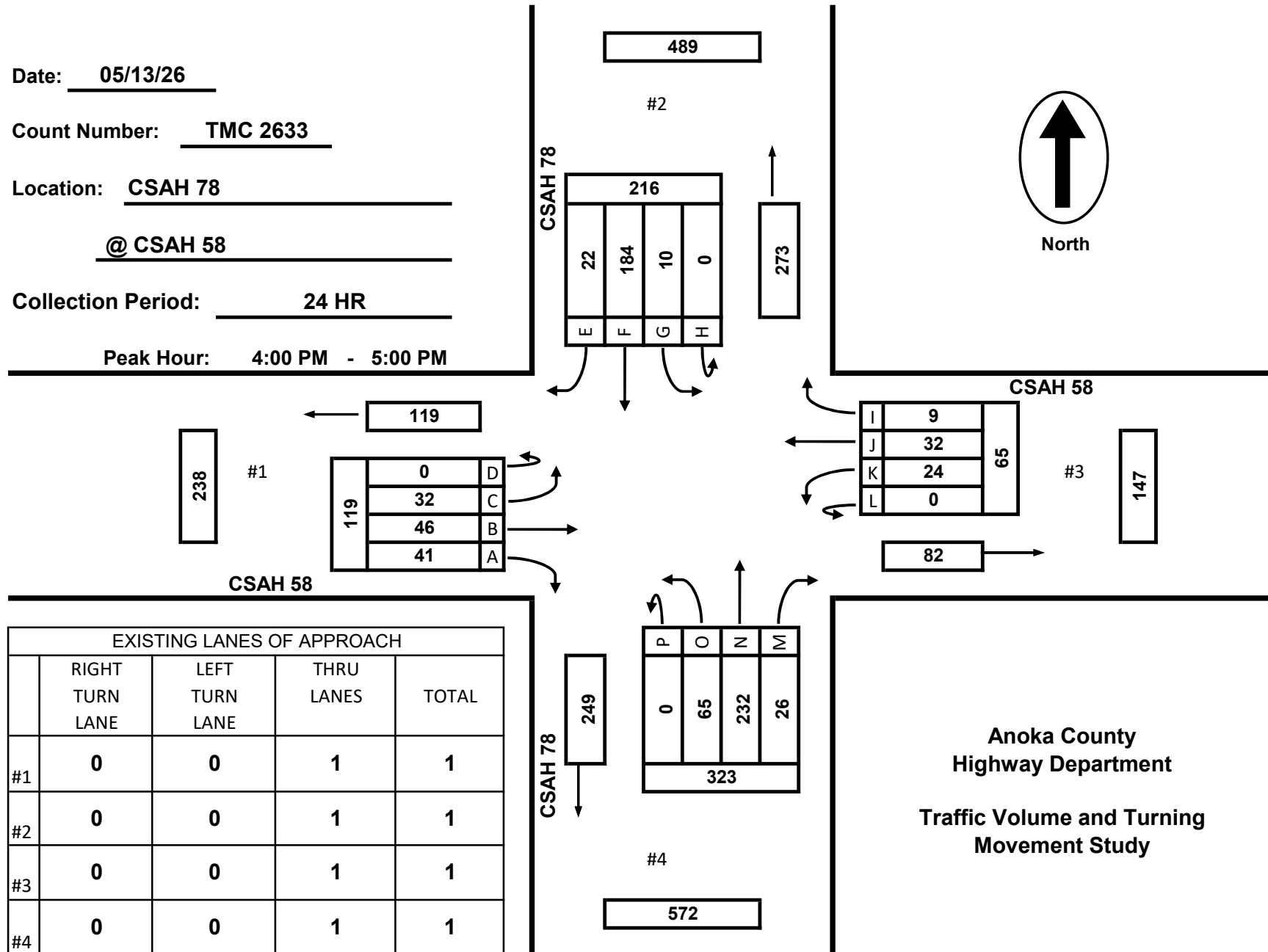
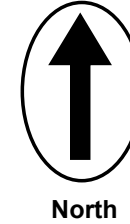
Count Number: TMC 2633

Location: CSAH 78

@ CSAH 58

Collection Period: 24 HR

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



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	0	0	1	1
#2	0	0	1	1
#3	0	0	1	1
#4	0	0	1	1

**Anoka County
Highway Department
Traffic Volume and Turning
Movement Study**

TMC 2633 - CSAH 78 @ CSAH 58
 Andover MN
 Wednesday, May 13, 2026

Time	Southbound CSAH 78						Westbound CSAH 58						Northbound CSAH 78						Eastbound CSAH 58						VEHICLE TOTAL						
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total							
12:00 AM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	1	0	0	1	0	0	0	0	0	0	3
12:15 AM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	1	0	0	1	0	0	0	0	0	1	5
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	0	0	0	0	1
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	0	0	2	0	0	2	0	0	1	0	0	1	0	1	5	0	0	6	0	0	1	0	0	1	0	0	0	0	0	1	10
1:00 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	6
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	1	0	0	0	0	0	0	0	0	1	3
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	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
Hourly Total	0	0	0	1	0	1	0	1	0	0	0	1	0	2	6	0	0	8	0	0	1	0	0	1	0	0	0	0	0	1	11
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	0	0	0	0	0	0
2:15 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	3	0	0	1	0	0	0	0	0	0	0	0	1	5
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2:45 AM	0	0	2	0	0	2	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
Hourly Total	0	0	3	0	0	3	0	0	0	0	0	0	0	0	4	0	0	4	0	0	1	0	0	1	0	0	0	0	0	1	8
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	2	0	0	0	0	0	2	3
3:15 AM	0	0	1	1	0	2	0	0	1	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	1	5
3:30 AM	0	0	3	0	0	3	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
3:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	1	3
Hourly Total	0	0	5	1	0	6	0	1	1	0	0	2	0	1	2	0	0	3	0	1	2	1	0	4	0	0	0	0	0	4	15
4:00 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5
4:15 AM	0	0	8	0	0	8	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	2	0	2	0	0	0	0	0	2	12
4:30 AM	0	0	5	1	0	6	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	1	8
4:45 AM	0	0	11	0	0	11	0	0	2	0	0	2	0	0	1	0	0	1	0	0	1	3	0	4	0	0	0	0	0	4	18
Hourly Total	0	0	28	1	0	29	0	0	2	0	0	2	0	0	5	0	0	5	0	0	2	5	0	7	0	0	0	0	0	7	43
5:00 AM	0	1	19	2	0	22	0	3	0	0	0	3	0	1	2	0	0	3	0	0	2	2	0	4	0	0	0	0	0	4	32
5:15 AM	0	0	30	0	0	30	0	1	0	1	0	2	0	0	7	0	0	7	0	1	1	5	0	7	0	0	0	0	0	7	46
5:30 AM	0	1	29	1	0	31	0	5	1	0	0	6	0	0	10	0	0	10	0	0	0	4	0	4	0	0	0	0	0	4	51
5:45 AM	0	0	33	0	0	33	0	0	0	0	0	0	0	1	7	3	0	11	0	1	1	4	0	6	0	0	0	0	0	6	50
Hourly Total	0	2	111	3	0	116	0	9	1	1	0	11	0	2	26	3	0	31	0	2	4	15	0	21	0	0	0	0	0	21	179
6:00 AM	0	0	21	2	0	23	0	3	3	0	0	6	0	2	10	0	0	12	0	0	1	1	0	2	0	0	0	0	0	2	43
6:15 AM	0	1	46	2	0	49	0	6	0	0	0	6	0	1	12	1	0	14	0	0	3	3	0	6	0	0	0	0	0	6	75
6:30 AM	0	1	47	3	0	51	0	5	2	0	0	7	0	1	15	4	0	20	0	1	2	4	0	7	0	0	0	0	0	7	85
6:45 AM	0	0	65	5	0	70	0	4	3	0	0	7	0	2	14	2	0	18	0	1	5	5	0	11	0	0	0	0	0	11	106
Hourly Total	0	2	179	12	0	193	0	18	8	0	0	26	0	6	51	7	0	64	0	2	11	13	0	26	0	0	0	0	0	26	309
7:00 AM	0	1	52	6	0	59	0	5	10	0	0	15	0	2	15	2	0	19	0	2	3	4	0	9	0	0	0	0	0	9	102
7:15 AM	0	3	49	9	0	61	0	5	4	1	0	10	0	10	19	1	0	30	0	3	13	4	0	20	0	0	0	0	0	20	121
7:30 AM	0	1	62	7	0	70	0	5	4	0	0	9	0	6	19	6	0	31	0	1	6	10	0	17	0	0	0	0	0	17	127
7:45 AM	0	0	50	5	0	55	0	5	4	0	0	9	0	5	23	5	0	33	0	1	4	7	0	12	0	0	0	0	0	12	109
Hourly Total	0	5	213	27	0	245	0	20	22	1	0	43	0	23	76	14	0	113	0	7	26	25	0	58	0	0	0	0	0	58	459

TMC 2633 - CSAH 78 @ CSAH 58
 Andover MN
 Wednesday, May 13, 2026

Time	Southbound CSAH 78						Westbound CSAH 58						Northbound CSAH 78						Eastbound CSAH 58						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	36	4	0	42	0	2	1	0	0	3	0	5	29	2	0	36	0	2	8	4	0	14	95
8:15 AM	0	2	51	6	0	59	0	1	5	2	0	8	0	4	22	2	0	28	0	5	6	1	0	12	107
8:30 AM	0	0	44	4	0	48	0	5	2	0	0	7	0	3	24	1	0	28	0	2	7	7	0	16	99
8:45 AM	0	0	34	4	0	38	0	6	13	0	0	19	0	4	31	2	0	37	0	4	6	6	0	16	110
Hourly Total	0	4	165	18	0	187	0	14	21	2	0	37	0	16	106	7	0	129	0	13	27	18	0	58	411
9:00 AM	0	2	39	8	0	49	0	12	15	0	0	27	0	3	20	2	0	25	0	2	6	3	0	11	112
9:15 AM	0	0	33	6	0	39	0	1	2	1	0	4	0	6	17	2	0	25	0	1	13	5	0	19	87
9:30 AM	0	2	32	3	1	37	0	3	3	0	0	6	0	12	22	1	0	35	0	1	3	9	0	13	91
9:45 AM	0	1	37	3	0	41	0	3	4	2	0	9	0	3	31	0	1	34	0	2	7	5	0	14	98
Hourly Total	0	5	141	20	1	166	0	19	24	3	0	46	0	24	90	5	1	119	0	6	29	22	0	57	388
10:00 AM	0	1	30	1	0	32	0	3	3	0	0	6	0	5	16	4	0	25	0	7	3	3	0	13	76
10:15 AM	0	0	25	1	0	26	0	1	6	0	0	7	0	6	15	3	0	24	0	1	8	5	0	14	71
10:30 AM	0	0	26	2	0	28	0	2	2	0	0	4	0	7	25	1	0	33	0	1	6	0	0	7	72
10:45 AM	0	0	30	4	0	34	0	2	6	0	0	8	0	4	27	6	0	37	0	3	5	5	0	13	92
Hourly Total	0	1	111	8	0	120	0	8	17	0	0	25	0	22	83	14	0	119	0	12	22	13	0	47	311
11:00 AM	0	1	25	3	0	29	0	3	2	1	0	6	0	4	29	5	0	38	0	4	4	7	0	15	88
11:15 AM	0	0	36	0	0	36	0	6	4	0	0	10	0	8	28	2	0	38	0	5	5	6	0	16	100
11:30 AM	0	0	25	3	0	28	0	1	8	0	0	9	0	3	23	5	0	31	0	2	6	5	0	13	81
11:45 AM	0	1	25	3	0	29	0	4	4	0	0	8	0	4	33	2	0	39	0	4	5	4	0	13	89
Hourly Total	0	2	111	9	0	122	0	14	18	1	0	33	0	19	113	14	0	146	0	15	20	22	0	57	358
12:00 PM	0	0	31	0	0	31	0	1	4	0	0	5	0	6	29	5	0	40	0	2	4	4	0	10	86
12:15 PM	0	0	23	0	0	23	0	6	8	0	0	14	0	7	32	2	0	41	0	1	7	9	0	17	95
12:30 PM	0	0	22	5	0	27	0	2	10	0	0	12	0	5	35	3	0	43	0	6	7	7	0	20	102
12:45 PM	0	1	22	5	0	28	0	2	3	1	0	6	0	4	22	2	0	28	0	5	4	3	0	12	74
Hourly Total	0	1	98	10	0	109	0	11	25	1	0	37	0	22	118	12	0	152	0	14	22	23	0	59	357
1:00 PM	0	0	31	0	0	31	0	3	6	0	0	9	0	7	37	5	0	49	0	0	7	4	0	11	100
1:15 PM	0	1	30	2	0	33	0	0	1	0	0	1	0	5	29	1	0	35	0	1	1	4	0	6	75
1:30 PM	0	1	19	0	0	20	0	2	7	1	0	10	0	6	43	3	0	52	0	1	6	5	0	12	94
1:45 PM	0	1	28	2	0	31	0	6	1	0	0	7	0	6	28	4	0	38	0	2	6	3	0	11	87
Hourly Total	0	3	108	4	0	115	0	11	15	1	0	27	0	24	137	13	0	174	0	4	20	16	0	40	356
2:00 PM	0	3	27	6	0	36	0	4	4	0	0	8	0	8	36	6	0	50	0	4	5	3	0	12	106
2:15 PM	0	0	34	3	0	37	0	2	4	1	0	7	0	6	49	3	0	58	0	5	2	3	0	10	112
2:30 PM	0	1	30	5	0	36	0	3	4	0	0	7	0	7	38	4	0	49	0	5	7	2	0	14	106
2:45 PM	0	0	33	7	0	40	0	2	8	0	0	10	0	11	44	8	0	63	0	4	5	5	0	14	127
Hourly Total	0	4	124	21	0	149	0	11	20	1	0	32	0	32	167	21	0	220	0	18	19	13	0	50	451
3:00 PM	0	2	31	2	0	35	0	4	8	0	0	12	0	8	49	6	0	63	0	3	7	6	0	16	126
3:15 PM	0	1	35	1	0	37	0	0	9	0	0	9	0	8	55	7	0	70	0	5	3	7	0	15	131
3:30 PM	0	0	28	5	0	33	0	5	4	0	0	9	0	9	43	3	0	55	0	4	9	7	0	20	117
3:45 PM	0	0	40	11	0	51	0	5	11	3	0	19	0	10	52	10	0	72	0	1	6	9	0	16	158
Hourly Total	0	3	134	19	0	156	0	14	32	3	0	49	0	35	199	26	0	260	0	13	25	29	0	67	532

TMC 2633 - CSAH 78 @ CSAH 58
Andover MN
Wednesday, May 13, 2026

Time	Southbound CSAH 78						Westbound CSAH 58						Northbound CSAH 78						Eastbound CSAH 58						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	0	41	9	0	50	0	6	5	2	0	13	0	14	39	8	0	61	0	14	24	20	0	58	182
4:15 PM	0	1	45	6	0	52	0	6	9	3	0	18	0	17	56	6	0	79	0	10	9	8	0	27	176
4:30 PM	0	3	50	4	0	57	0	8	11	0	0	19	0	18	75	2	0	95	0	6	7	9	0	22	193
4:45 PM	0	6	48	3	0	57	0	4	7	4	0	15	0	16	62	10	0	88	0	2	6	4	0	12	172
Hourly Total	0	10	184	22	0	216	0	24	32	9	0	65	0	65	232	26	0	323	0	32	46	41	0	119	723
5:00 PM	0	2	32	2	0	36	0	6	9	0	0	15	0	17	58	13	0	88	0	7	6	7	0	20	159
5:15 PM	0	1	34	3	0	38	0	2	7	2	0	11	0	19	52	5	0	76	0	6	7	4	0	17	142
5:30 PM	0	0	38	5	0	43	0	2	11	1	0	14	0	10	53	2	0	65	0	8	6	4	0	18	140
5:45 PM	0	1	30	7	0	38	0	2	9	0	0	11	0	10	46	3	0	59	0	8	7	5	0	20	128
Hourly Total	0	4	134	17	0	155	0	12	36	3	0	51	0	56	209	23	0	288	0	29	26	20	0	75	569
6:00 PM	0	1	21	6	0	28	0	2	3	1	0	6	0	8	41	5	0	54	0	3	8	1	0	12	100
6:15 PM	0	3	32	1	0	36	0	4	9	0	0	13	0	4	37	3	0	44	0	0	6	5	0	11	104
6:30 PM	0	0	30	5	0	35	0	0	6	1	0	7	0	7	38	3	0	48	0	1	5	5	0	11	101
6:45 PM	0	0	27	5	0	32	0	0	8	0	0	8	0	5	30	0	0	35	0	5	2	8	0	15	90
Hourly Total	0	4	110	17	0	131	0	6	26	2	0	34	0	24	146	11	0	181	0	9	21	19	0	49	395
7:00 PM	0	0	21	3	0	24	0	0	7	0	0	7	0	11	43	3	0	57	0	5	10	2	0	17	105
7:15 PM	0	0	16	6	0	22	0	2	3	0	0	5	0	6	29	3	0	38	0	5	4	7	0	16	81
7:30 PM	0	0	9	2	0	11	0	1	3	0	0	4	0	4	25	2	0	31	0	1	5	1	0	7	53
7:45 PM	0	0	11	0	0	11	0	4	6	0	0	10	0	9	30	3	0	42	0	3	3	6	0	12	75
Hourly Total	0	0	57	11	0	68	0	7	19	0	0	26	0	30	127	11	0	168	0	14	22	16	0	52	314
8:00 PM	0	3	17	3	0	23	0	2	5	0	0	7	0	3	38	1	0	42	0	1	2	4	0	7	79
8:15 PM	0	0	15	1	0	16	0	2	1	1	0	4	0	4	29	5	0	38	0	5	8	5	0	18	76
8:30 PM	0	1	16	2	0	19	0	2	4	0	0	6	0	9	25	2	0	36	0	3	2	3	0	8	69
8:45 PM	0	0	14	2	0	16	0	1	3	1	0	5	0	5	19	3	0	27	0	2	4	1	0	7	55
Hourly Total	0	4	62	8	0	74	0	7	13	2	0	22	0	21	111	11	0	143	0	11	16	13	0	40	279
9:00 PM	0	2	12	0	0	14	0	0	2	0	0	2	0	3	25	3	0	31	0	3	3	2	0	8	55
9:15 PM	0	0	14	1	0	15	0	1	1	0	0	2	0	2	18	0	0	20	0	1	5	0	0	6	43
9:30 PM	0	1	10	0	0	11	0	0	0	0	0	0	0	1	24	0	0	25	0	0	2	0	0	2	38
9:45 PM	0	0	8	0	0	8	0	0	1	2	0	3	0	0	20	2	0	22	0	0	0	2	0	2	35
Hourly Total	0	3	44	1	0	48	0	1	4	2	0	7	0	6	87	5	0	98	0	4	10	4	0	18	171
10:00 PM	0	0	4	0	0	4	0	1	5	1	0	7	0	1	9	1	0	11	0	1	1	2	0	4	26
10:15 PM	0	0	4	1	0	5	0	1	0	0	0	1	0	4	9	0	0	13	0	1	1	3	0	5	24
10:30 PM	0	0	3	0	0	3	0	0	3	0	0	3	0	2	6	1	0	9	0	1	3	1	0	5	20
10:45 PM	0	0	2	1	0	3	0	0	0	1	0	1	0	0	13	1	0	14	0	1	0	0	0	1	19
Hourly Total	0	0	13	2	0	15	0	2	8	2	0	12	0	7	37	3	0	47	0	4	5	6	0	15	89
11:00 PM	0	0	6	1	0	7	0	0	1	0	0	1	0	0	6	3	0	9	0	0	0	0	0	0	17
11:15 PM	0	0	2	0	0	2	0	0	0	0	0	0	0	1	3	1	0	5	0	0	0	1	0	1	8
11:30 PM	0	0	1	0	0	1	0	1	0	0	0	1	0	1	7	0	0	8	0	0	0	0	0	0	10
11:45 PM	0	0	1	2	0	3	0	0	1	0	0	1	0	0	9	1	0	10	0	0	0	0	0	0	14
Hourly Total	0	0	10	3	0	13	0	1	2	0	0	3	0	2	25	5	0	32	0	0	0	1	0	1	49
DAILY TOTAL	0	57	2147	235	1	2439	0	211	347	34	0	592	0	440	2162	231	1	2833	0	210	378	335	0	923	6787
Cars	0	52	2108	225	1	2385	0	208	342	31	0	581	0	434	2124	228	1	2786	0	208	375	329	0	912	6664
Heavy Vehicles	0	5	39	10	0	54	0	3	5	3	0	11	0	6	38	3	0	47	0	2	3	6	0	11	123
Heavy Vehicle %	0.00%	8.77%	1.82%	4.26%	0.00%	2.21%	0.00%	1.42%	1.44%	8.82%	0.00%	1.86%	0.00%	1.36%	1.76%	1.30%	0.00%	1.66%	0.00%	0.95%	0.79%	1.79%	0.00%	1.19%	1.81%

TMC 2633 - CSAH 78 @ CSAH 58
 Andover MN
 Wednesday, May 13, 2026
 AM Peak Hour (00:00 to 10:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL						
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total							
7:00 AM	0	1	52	6	0	59	0	5	10	0	0	15	0	2	15	2	0	19	0	2	3	4	0	9	0	2	3	4	0	9	102
7:15 AM	0	3	49	9	0	61	0	5	4	1	0	10	0	10	19	1	0	30	0	3	13	4	0	20	0	3	13	4	0	20	121
7:30 AM	0	1	62	7	0	70	0	5	4	0	0	9	0	6	19	6	0	31	0	1	6	10	0	17	0	1	6	10	0	17	127
7:45 AM	0	0	50	5	0	55	0	5	4	0	0	9	0	5	23	5	0	33	0	1	4	7	0	12	0	1	4	7	0	12	109
Peak Hour Total	0	5	213	27	0	245	0	20	22	1	0	43	0	23	76	14	0	113	0	7	26	25	0	58	0	7	26	25	0	58	459
Peak Hour Heavy Vehicle	0	1	5	4	0	10	0	0	1	0	0	2	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	16
Peak Hour Heavy Vehicle PHF	0.00%	20.00%	2.35%	14.81%	0.00%	4.08%	0.00%	0.00%	4.55%	100.00%	0.00%	4.65%	0.00%	0.00%	5.26%	0.00%	0.00%	3.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.49%
	0.00%	0.417	0.859	0.750	0.000	0.875	0.000	1.000	0.550	0.250	0.000	0.717	0.000	0.575	0.826	0.583	0.000	0.856	0.000	0.583	0.500	0.625	0.000	0.725	0.000	0.583	0.500	0.625	0.000	0.725	0.904

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

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL						
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total							
11:45 AM	0	1	25	3	0	29	0	4	4	0	0	8	0	4	33	2	0	39	0	4	5	4	0	13	0	4	5	4	0	13	89
12:00 PM	0	0	31	0	0	31	0	1	4	0	0	5	0	6	29	5	0	40	0	2	4	4	0	10	0	2	4	4	0	10	86
12:15 PM	0	0	23	0	0	23	0	6	8	0	0	14	0	7	32	2	0	41	0	1	7	9	0	17	0	1	7	9	0	17	95
12:30 PM	0	0	22	5	0	27	0	2	10	0	0	12	0	5	35	3	0	43	0	6	7	7	0	20	0	6	7	7	0	20	102
Peak Hour Total	0	1	101	8	0	110	0	13	26	0	0	39	0	22	129	12	0	163	0	13	23	24	0	60	0	13	23	24	0	60	372
Peak Hour Heavy Vehicle	0	0	4	0	0	4	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	7
Peak Hour Heavy Vehicle PHF	0.00%	0.00%	3.96%	0.00%	0.00%	3.64%	0.00%	0.00%	3.85%	0.00%	0.00%	2.56%	0.00%	0.00%	0.78%	0.00%	0.00%	0.61%	0.00%	0.00%	4.35%	0.00%	0.00%	1.67%	0.00%	0.00%	4.35%	0.00%	0.00%	1.67%	1.88%
	0.00%	0.250	0.815	0.400	0.000	0.887	0.000	0.542	0.650	0.000	0.000	0.696	0.000	0.786	0.921	0.600	0.000	0.948	0.000	0.542	0.821	0.667	0.000	0.750	0.000	0.542	0.821	0.667	0.000	0.750	0.912

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	0	41	9	0	50	0	6	5	2	0	13	0	14	39	8	0	61	0	14	24	20	0	58	0	14	24	20	0	58	182
4:15 PM	0	1	45	6	0	52	0	6	9	3	0	18	0	17	56	6	0	79	0	10	9	8	0	27	0	10	9	8	0	27	176
4:30 PM	0	3	50	4	0	57	0	8	11	0	0	19	0	18	75	2	0	95	0	6	7	9	0	22	0	6	7	9	0	22	193
4:45 PM	0	6	48	3	0	57	0	4	7	4	0	15	0	16	62	10	0	88	0	2	6	4	0	12	0	2	6	4	0	12	172
Peak Hour Total	0	10	184	22	0	216	0	24	32	9	0	65	0	65	232	26	0	323	0	32	46	41	0	119	0	32	46	41	0	119	723
Peak Hour Heavy Vehicle	0	0	0	1	0	1	0	0	0	0	0	0	0	1	4	0	0	5	0	0	0	0	0	1	0	0	0	0	0	1	7
Peak Hour Heavy Vehicle PHF	0.00%	0.00%	0.00%	4.55%	0.00%	0.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.54%	1.72%	0.00%	0.00%	1.55%	0.00%	0.00%	0.00%	2.44%	0.00%	0.84%	0.00%	0.00%	0.00%	2.44%	0.00%	0.84%	0.97%
	0.00%	0.417	0.920	0.611	0.000	0.947	0.000	0.750	0.727	0.563	0.000	0.855	0.000	0.903	0.773	0.650	0.000	0.850	0.000	0.571	0.479	0.513	0.000	0.513	0.000	0.571	0.479	0.513	0.000	0.513	0.937

Total Vehicles On Leg		4845	
Vehicles Entering Intersection	2439	Vehicles Exiting Intersection	2406
Southbound			
Cars	225	2108	52
Heavy	10	39	5
Total	235	2147	57

Total Vehicles on Leg 1945	Vehicles Entering Intersection 923	Eastbound	Cars	Heavy	Total
	Vehicles Exiting Intersection 1022		0	0	0
			0	0	0
			208	2	210
			375	3	378
			329	6	335



Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection 592	Total Vehicles on Leg 1258
31	3	34			
342	5	347			
208	3	211			
0	0	0		Vehicles Exiting Intersection 666	
0	0	0			

Cars	1	0	434	2124	228
Heavy	0	0	6	38	3
Total	1	0	440	2162	231
Northbound					
Vehicles Entering Intersection			Vehicles Exiting Intersection		
2833			2693		
Total Vehicles On Leg			5526		

TMC 2633 - CSAH 78 @ CSAH 58
 Andover MN
 Wednesday, May 13, 2026

Time	Southbound Heavy CSAH 78						Westbound Heavy CSAH 58						Northbound Heavy CSAH 78						Eastbound Heavy CSAH 58						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	1	0	1	0	2	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	1	0	0	0	0	0	0	5
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	2
8:30 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	0	0	0	0	0	0	1
8:45 AM	0	0	4	0	0	4	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6
Hourly 'Heavy Vehicles'	0	1	4	1	0	6	0	0	1	0	0	1	0	0	3	0	0	3	0	1	2	1	0	4	0	0	0	0	0	0	14
9:00 AM	0	1	1	0	0	2	0	1	0	0	0	1	0	1	1	0	0	2	0	0	0	1	0	1	0	0	0	0	0	0	6
9:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Hourly 'Heavy Vehicles'	0	1	1	0	0	2	0	1	0	1	0	2	0	2	4	0	0	6	0	0	0	1	0	1	0	0	0	0	0	0	11
10:00 AM	0	0	2	0	0	2	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
10:15 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
10:45 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	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	3	0	0	3	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5
11:00 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	3
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
11:30 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
11:45 AM	0	0	3	0	0	3	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Hourly 'Heavy Vehicles'	0	0	5	0	0	5	0	0	1	0	0	1	0	0	3	0	0	3	0	0	0	2	0	2	0	0	0	0	0	0	11
12:00 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	0	0	0	0	0	0
12:15 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	3
12:30 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	0	0	0	0	0	0
12:45 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly 'Heavy Vehicles'	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	4
1:00 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
1:15 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	0	0	0	0	0	0
1:30 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	0	0	0	0	0	0
1:45 PM	0	0	0	0	0	0	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
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	1	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	4
2:00 PM	0	0	1	1	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
2:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
2:45 PM	0	0	4	0	0	4	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Hourly 'Heavy Vehicles'	0	0	5	1	0	6	0	1	1	0	0	2	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	13
3:00 PM	0	0	1	1	0	2	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4
3:15 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	1	4
3:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
3:45 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	1	0	1	0	0	0	0	0	0	4
Hourly 'Heavy Vehicles'	0	1	3	1	0	5	0	0	1	0	0	1	0	1	4	1	0	6	0	1	0	1	0	2	0	0	0	0	0	0	14

TMC 2633 - CSAH 78 @ CSAH 58
 Andover MN
 Wednesday, May 13, 2026

Time	Southbound Heavy CSAH 78						Westbound Heavy CSAH 58						Northbound Heavy CSAH 78						Eastbound Heavy CSAH 58						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	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4:15 PM	0	0	0	1	0	1	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	4
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	0	0	0	0	0	0	1	4	0	0	5	0	0	0	1	0	0	7
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	1	0	0	0	1	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	3
6:00 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
6:15 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
6:30 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
6:45 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
Hourly 'Heavy Vehicles'	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
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1
7:30 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
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	2
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	1	0	0	0	0	0	0	0	1
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	1	0	0	1	0	0	0	0	0	0	0	1
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	5	39	10	0	54	0	3	5	3	0	11	0	6	38	3	0	47	0	2	3	6	0	11	123

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2633

Study Date : 06/11/2026

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 78

Number of Lanes : 1

Total Approach Volume: 2,833

Southbound: CSAH 78

Number of Lanes : 1

Total Approach Volume: 2,439

Minor Street Approaches

Eastbound: CSAH 58

Number of Lanes : 1

Total Approach Volume: 923

Westbound: CSAH 58

Number of Lanes : 1

Total Approach Volume: 592

Warrant Summary (Rural Values Apply)

Warrant 1 - Eight Hour Vehicular Volumes	Satisfied
Warrant 1A - Minimum Vehicular Volume	Not Satisfied
Required volumes reached for 4 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic	Not Satisfied
Required volumes reached for 7 hours, 8 are needed	
Warrant 1C - Combination of Warrants	Satisfied
Required 1A volumes reached for 10 hours, 8 are needed	
Required 1B volumes reached for 13 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: TMC 2633

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 4 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

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

Volume Requirements

Rural Factor of 70 % applied
Veh/Hr Major = **210**

Veh/Hr Minor = **63**

Time	Major Road				Total	Minor Road		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
15:45 - 16:45	307	+	210	=	517	123	69	Yes
16:45 - 17:45	317	+	174	=	491	67	55	Yes
14:45 - 15:45	251	+	145	=	396	65	40	Yes
07:15 - 08:15	130	+	228	=	358	63	31	Yes
14:30 - 15:30	245	+	148	=	393	59	38	No
14:15 - 15:15	233	+	148	=	381	54	36	No
14:00 - 15:00	220	+	149	=	369	50	32	No
07:00 - 08:00	113	+	245	=	358	58	43	No
06:45 - 07:45	98	+	260	=	358	57	41	No
17:45 - 18:45	205	+	137	=	342	54	37	No
13:45 - 14:45	195	+	140	=	335	47	29	No
06:30 - 07:30	87	+	241	=	328	47	39	No
13:30 - 14:30	198	+	124	=	322	45	32	No
18:00 - 19:00	181	+	131	=	312	49	34	No
08:15 - 09:15	118	+	194	=	312	55	61	No
18:15 - 19:15	184	+	127	=	311	54	35	No
06:15 - 07:15	71	+	229	=	300	33	35	No
13:15 - 14:15	175	+	120	=	295	41	26	No
18:30 - 19:30	178	+	113	=	291	59	27	No
13:00 - 14:00	174	+	115	=	289	40	27	No
08:30 - 09:30	115	+	174	=	289	62	57	No
08:45 - 09:45	122	+	163	=	285	59	56	No
09:00 - 10:00	119	+	166	=	285	57	46	No
12:45 - 13:45	164	+	112	=	276	41	26	No
12:30 - 13:30	155		119		274	49	28	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2633

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

Only 7 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

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

Volume Requirements

Rural Factor of 70 % applied
Veh/Hr Major = **315**

Veh/Hr Minor = **31**

Time	Major Road				Total	Minor Road		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
	CSAH 78					CSAH 58		
16:30 - 17:30	347	+	188	=	535	71	60	Yes
15:30 - 16:30	267	+	186	=	453	121	59	Yes
14:30 - 15:30	245	+	148	=	393	59	38	Yes
17:30 - 18:30	222	+	145	=	367	61	44	Yes
07:30 - 08:30	128	+	226	=	354	55	29	Yes
06:30 - 07:30	87	+	241	=	328	47	39	Yes
13:30 - 14:30	198	+	124	=	322	45	32	Yes
06:15 - 07:15	71	+	229	=	300	33	35	No
13:15 - 14:15	175	+	120	=	295	41	26	No
18:30 - 19:30	178	+	113	=	291	59	27	No
13:00 - 14:00	174	+	115	=	289	40	27	No
08:30 - 09:30	115	+	174	=	289	62	57	No
08:45 - 09:45	122	+	163	=	285	59	56	No
09:00 - 10:00	119	+	166	=	285	57	46	No
12:45 - 13:45	164	+	112	=	276	41	26	No
12:30 - 13:30	155	+	119	=	274	49	28	No
11:45 - 12:45	163	+	110	=	273	60	39	No
10:30 - 11:30	146	+	127	=	273	51	28	No
11:15 - 12:15	148	+	124	=	272	52	32	No
10:45 - 11:45	144	+	127	=	271	57	33	No
12:15 - 13:15	161	+	109	=	270	60	41	No
11:00 - 12:00	146	+	122	=	268	57	33	No
09:15 - 10:15	119	+	149	=	268	59	25	No
11:30 - 12:30	151	+	111	=	262	53	36	No
12:00 - 13:00	152		109		261	59	37	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2633

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

10 hours meet 1A minimums.
13 hours meet 1B minimums.
Warrant IS met.

Site Data Required

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

Volume Requirements

Rural Factor of 70% applied
Warrant 1A 1B
Veh/Hr Major = **168 252**

Veh/Hr Minor = **50 25**

Major Road CSAH 78

Minor Road CSAH 58

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1A?
16:00 - 17:00	323	+	216	=	539	119	65	Yes
17:00 - 18:00	288	+	155	=	443	75	51	Yes
15:00 - 16:00	260	+	156	=	416	67	49	Yes
14:00 - 15:00	220	+	149	=	369	50	32	Yes
06:45 - 07:45	98	+	260	=	358	57	41	Yes
07:45 - 08:45	125	+	204	=	329	54	27	Yes
18:15 - 19:15	184	+	127	=	311	54	35	Yes
08:45 - 09:45	122	+	163	=	285	59	56	Yes
10:30 - 11:30	146	+	127	=	273	51	28	Yes
11:30 - 12:30	151	+	111	=	262	53	36	Yes
13:45 - 14:45	195	+	140	=	335	47	29	No
06:30 - 07:30	87		241		328	47	39	No

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1B?
16:30 - 17:30	347	+	188	=	535	71	60	Yes
15:30 - 16:30	267	+	186	=	453	121	59	Yes
14:30 - 15:30	245	+	148	=	393	59	38	Yes
17:30 - 18:30	222	+	145	=	367	61	44	Yes
07:00 - 08:00	113	+	245	=	358	58	43	Yes
13:30 - 14:30	198	+	124	=	322	45	32	Yes
08:00 - 09:00	129	+	187	=	316	58	37	Yes
18:30 - 19:30	178	+	113	=	291	59	27	Yes
09:00 - 10:00	119	+	166	=	285	57	46	Yes
12:30 - 13:30	155	+	119	=	274	49	28	Yes
10:30 - 11:30	146	+	127	=	273	51	28	Yes
11:30 - 12:30	151		111		262	53	36	Yes

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2633

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.

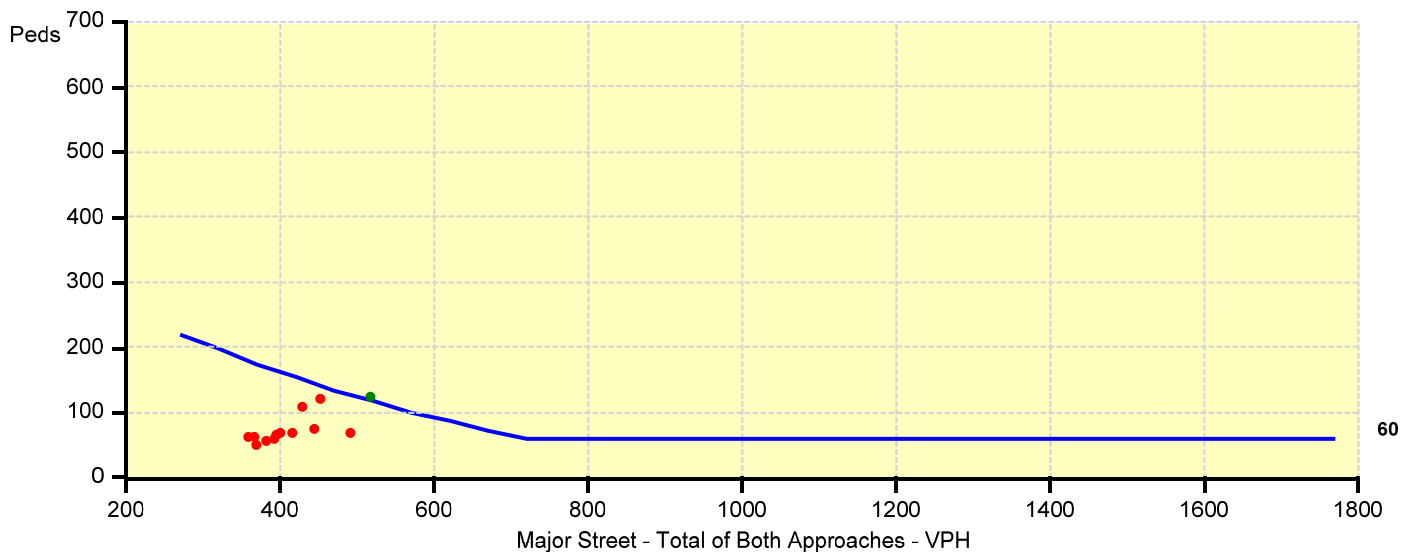
Summary

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

Site Data Required

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

Time	Major Road CSAH 78				Total	Minor Road CSAH 58		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
15:45 - 16:45	307	+	210	=	517	123	69	Yes
16:45 - 17:45	317	+	174	=	491	67	55	No
15:30 - 16:30	267	+	186	=	453	121	59	No
17:00 - 18:00	288	+	155	=	443	75	51	No
15:15 - 16:15	258	+	171	=	429	109	50	No
15:00 - 16:00	260	+	156	=	416	67	49	No
17:15 - 18:15	254	+	147	=	401	67	42	No
14:45 - 15:45	251	+	145	=	396	65	40	No
14:30 - 15:30	245	+	148	=	393	59	38	No
14:15 - 15:15	233	+	148	=	381	54	36	No
14:00 - 15:00	220	+	149	=	369	50	32	No
17:30 - 18:30	222		145		367	61	44	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2633

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 = **1**
 Number of Minor Lanes = **1**

Time	Major Road CSAH 78				Total	Minor Road CSAH 58		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
16:15 - 17:15	350	+	202	=	552	81	67	No
16:00 - 17:00	323	+	216	=	539	119	65	No
16:30 - 17:30	347	+	188	=	535	71	60	No
15:45 - 16:45	307	+	210	=	517	123	69	No
16:45 - 17:45	317	+	174	=	491	67	55	No
15:30 - 16:30	267	+	186	=	453	121	59	No
17:00 - 18:00	288	+	155	=	443	75	51	No
15:15 - 16:15	258	+	171	=	429	109	50	No
15:00 - 16:00	260	+	156	=	416	67	49	No
17:15 - 18:15	254	+	147	=	401	67	42	No
14:45 - 15:45	251	+	145	=	396	65	40	No
14:30 - 15:30	245	+	148	=	393	59	38	No

