

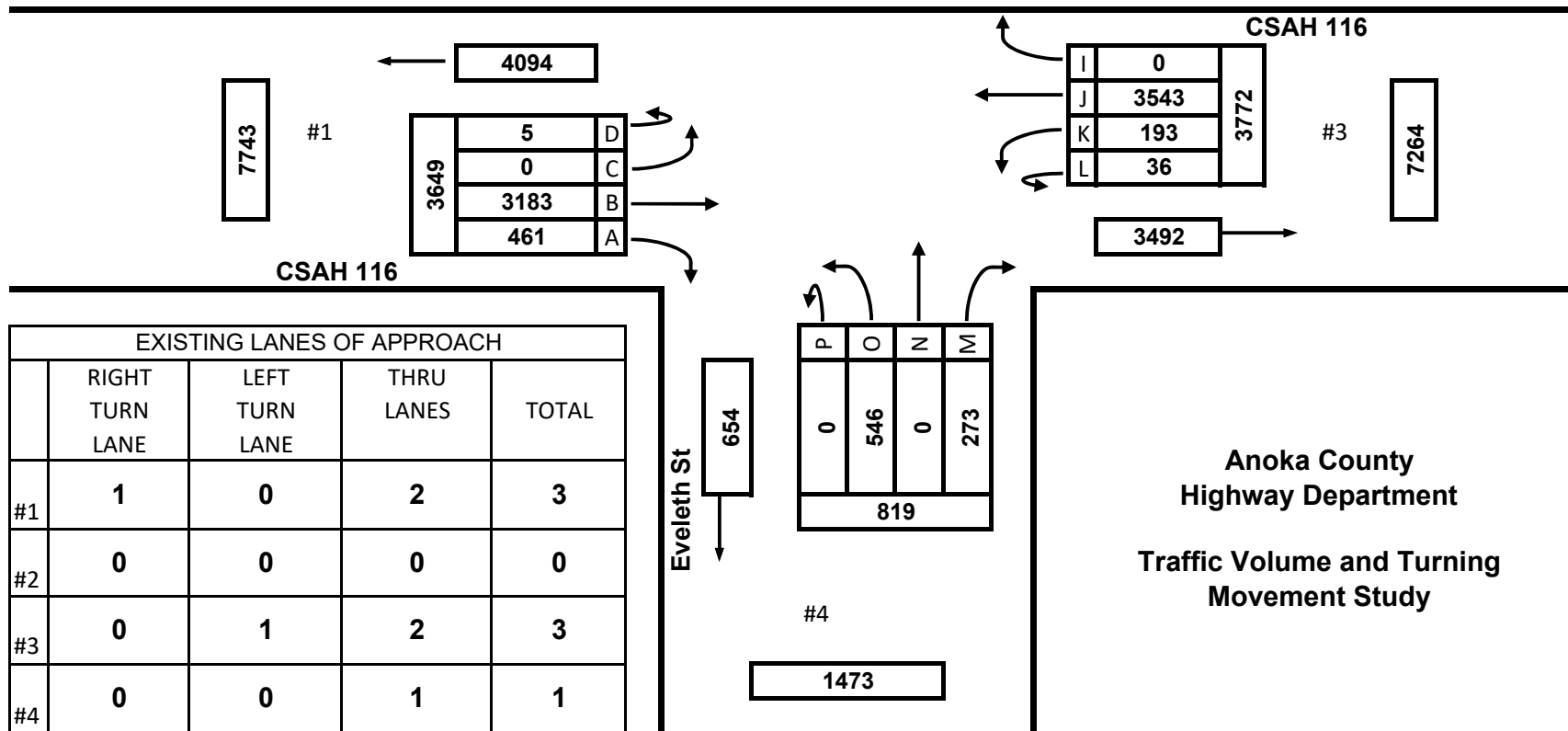
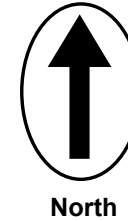
Date: 06/03/25

Count Number: TMC 2559

Location: CSAH 116

@ Eveleth St.

Collection Period: 24 HR



Date: 06/03/25

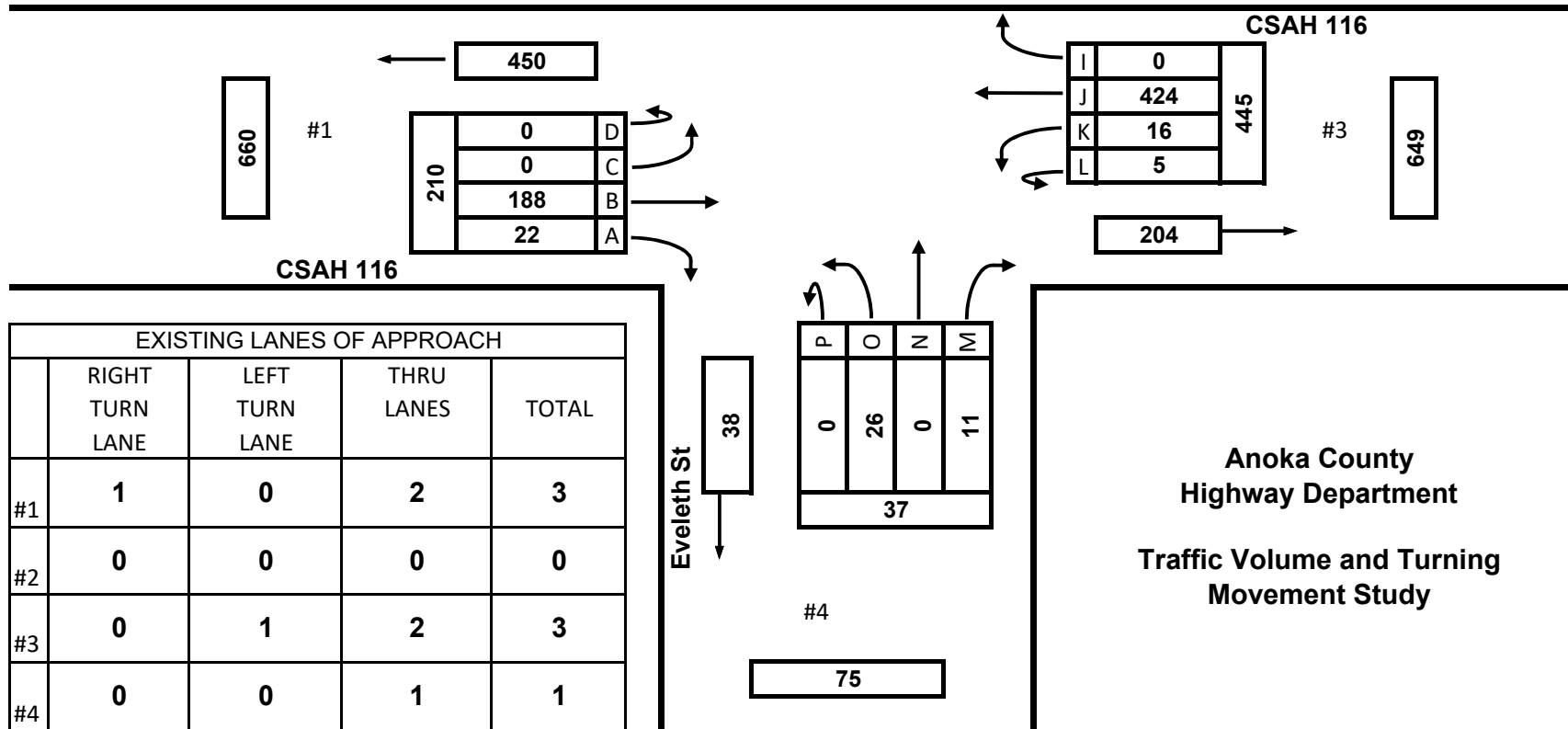
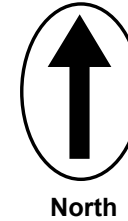
Count Number: TMC 2559

Location: CSAH 116

@ Eveleth St.

Collection Period: 24 HR

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



Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

Date: 06/03/25

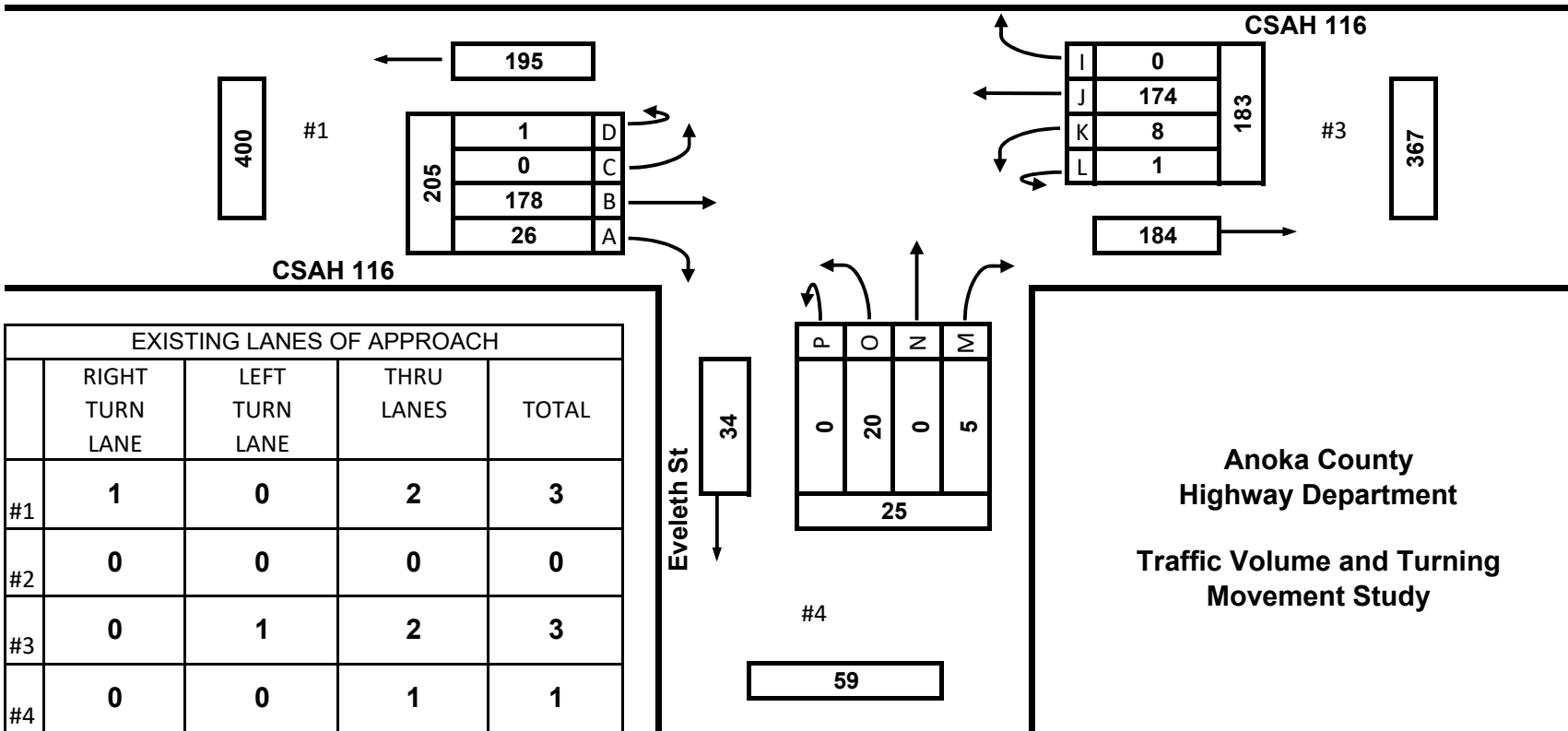
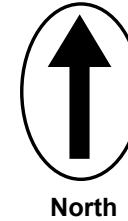
Count Number: TMC 2559

Location: CSAH 116

@ Eveleth St.

Collection Period: 24 HR

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



Date: 06/03/25

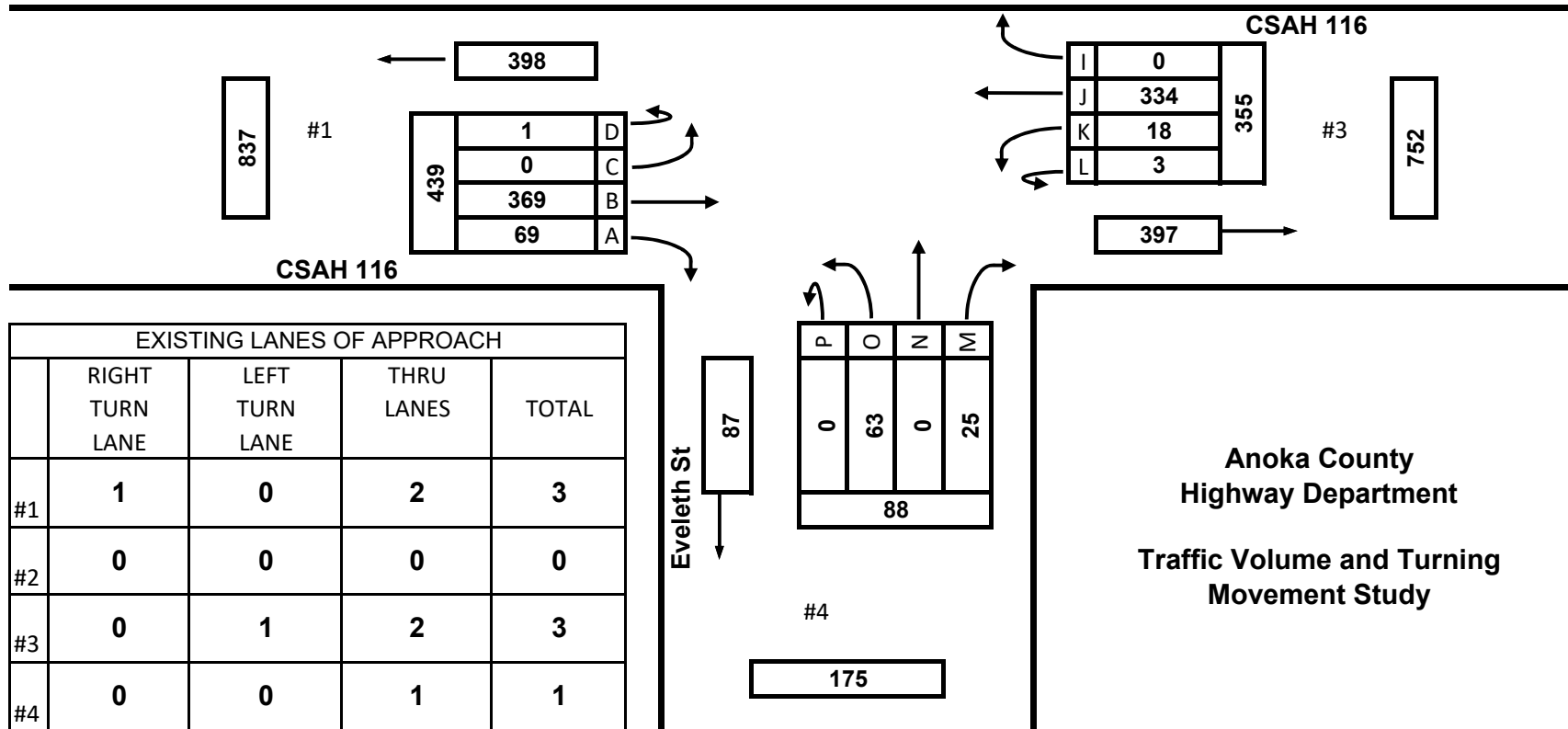
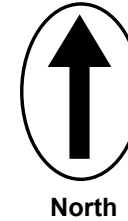
Count Number: TMC 2559

Location: CSAH 116

@ Eveleth St.

Collection Period: 24 HR

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



TMC 2559 - CSAH 116 @ Eveleth St.
Ham Lake MN
Tuesday, June 3, 2025

Time	Southbound None						Westbound CSAH 116						Northbound Eveleth St						Eastbound CSAH 116						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
12:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	3	0	0	0	3	0	0	3	1	0	4	8
12:15 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
12:30 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	1	0	0	1	5
12:45 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	1
Hourly Total	0	0	0	0	0	0	0	0	6	0	0	6	0	3	0	0	0	3	0	0	7	1	0	8	17
1:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3
1:15 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
1:30 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
1:45 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	1	0	1	3
Hourly Total	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	6	1	0	7	10
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
2:45 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3
Hourly Total	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3	6
3:00 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
3:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	0	0	2	0	0	2	4
3:30 AM	0	0	0	0	0	0	0	1	2	0	0	3	0	1	0	0	0	1	0	0	0	0	0	0	4
3:45 AM	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	5
Hourly Total	0	0	0	0	0	0	0	3	4	0	0	7	0	2	0	1	0	3	0	0	5	0	0	5	15
4:00 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	2	1	0	3	6
4:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	3	0	3	6
4:30 AM	0	0	0	0	0	0	0	3	12	0	0	15	0	1	0	0	0	1	0	0	6	9	0	15	31
4:45 AM	0	0	0	0	0	0	0	0	10	0	0	10	0	1	0	0	0	1	0	0	3	8	0	11	22
Hourly Total	0	0	0	0	0	0	0	3	28	0	0	31	0	2	0	0	0	2	0	0	11	21	0	32	65
5:00 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	1	0	0	6	1	0	7	12
5:15 AM	0	0	0	0	0	0	0	1	17	0	0	18	0	1	0	0	0	1	0	0	4	1	0	5	24
5:30 AM	0	0	0	0	0	0	0	1	28	0	0	29	0	3	0	0	0	3	0	0	11	13	0	24	56
5:45 AM	0	0	0	0	0	0	1	5	35	0	0	41	0	10	0	4	0	14	0	0	10	8	0	18	73
Hourly Total	0	0	0	0	0	0	1	7	84	0	0	92	0	15	0	4	0	19	0	0	31	23	0	54	165
6:00 AM	0	0	0	0	0	0	0	0	27	0	0	27	0	6	0	0	0	6	0	0	15	2	0	17	50
6:15 AM	0	0	0	0	0	0	0	3	63	0	0	66	0	3	0	1	0	4	0	0	18	1	0	19	89
6:30 AM	0	0	0	0	0	0	0	6	59	0	0	65	0	4	0	0	0	4	0	0	28	9	0	37	106
6:45 AM	0	0	0	0	0	0	1	5	72	0	0	78	0	14	0	4	0	18	0	0	22	14	0	36	132
Hourly Total	0	0	0	0	0	0	1	14	221	0	0	236	0	27	0	5	0	32	0	0	83	26	0	109	377
7:00 AM	0	0	0	0	0	0	2	5	108	0	0	115	0	1	0	2	0	3	0	0	39	2	0	41	159
7:15 AM	0	0	0	0	0	0	1	2	139	0	0	142	0	3	0	2	0	5	0	0	30	4	0	34	181
7:30 AM	0	0	0	0	0	0	0	2	89	0	0	91	0	5	0	0	0	5	0	0	66	4	0	70	166
7:45 AM	0	0	0	0	0	0	2	7	103	0	0	112	0	12	0	6	0	18	0	0	44	6	0	50	180
Hourly Total	0	0	0	0	0	0	5	16	439	0	0	460	0	21	0	10	0	31	0	0	179	16	0	195	686

TMC 2559 - CSAH 116 @ Eveleth St.
Ham Lake MN
Tuesday, June 3, 2025

Time	Southbound None						Westbound CSAH 116						Northbound Eveleth St						Eastbound CSAH 116						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
8:00 AM	0	0	0	0	0	0	2	5	93	0	0	100	0	6	0	3	0	9	0	0	48	8	0	56	165
8:15 AM	0	0	0	0	0	0	0	3	51	0	0	54	0	3	0	1	0	4	0	0	45	4	0	49	107
8:30 AM	0	0	0	0	0	0	3	6	50	0	0	59	0	1	0	1	0	2	0	0	40	3	0	43	104
8:45 AM	0	0	0	0	0	0	8	8	58	0	0	74	0	1	0	1	0	2	0	0	45	3	0	48	124
Hourly Total	0	0	0	0	0	0	13	22	252	0	0	287	0	11	0	6	0	17	0	0	178	18	0	196	500
9:00 AM	0	0	0	0	0	0	0	4	64	0	0	68	0	4	0	3	0	7	0	0	32	3	0	35	110
9:15 AM	0	0	0	0	0	0	0	9	69	0	0	78	0	2	0	2	0	4	0	0	38	10	0	48	130
9:30 AM	0	0	0	0	0	0	0	2	65	0	0	67	0	15	0	1	0	16	0	0	36	6	0	42	125
9:45 AM	0	0	0	0	0	0	1	1	46	0	0	48	0	5	0	0	0	5	0	0	42	7	0	49	102
Hourly Total	0	0	0	0	0	0	1	16	244	0	0	261	0	26	0	6	0	32	0	0	148	26	0	174	467
10:00 AM	0	0	0	0	0	0	0	3	45	0	0	48	0	5	0	1	0	6	0	0	25	7	0	32	86
10:15 AM	0	0	0	0	0	0	0	3	44	0	0	47	0	9	0	3	0	12	0	0	37	6	0	43	102
10:30 AM	0	0	0	0	0	0	0	1	43	0	0	44	0	2	0	2	0	4	0	0	28	5	0	33	81
10:45 AM	0	0	0	0	0	0	0	1	56	0	0	57	0	5	0	1	0	6	0	0	35	5	0	40	103
Hourly Total	0	0	0	0	0	0	0	8	188	0	0	196	0	21	0	7	0	28	0	0	125	23	0	148	372
11:00 AM	0	0	0	0	0	0	0	2	33	0	0	35	0	9	0	3	0	12	0	0	40	3	0	43	90
11:15 AM	0	0	0	0	0	0	0	3	36	0	0	39	0	5	0	4	0	9	0	0	40	6	0	46	94
11:30 AM	0	0	0	0	0	0	0	0	40	0	0	40	0	3	0	1	0	4	0	0	38	4	0	42	86
11:45 AM	0	0	0	0	0	0	0	2	50	0	0	52	0	5	0	1	0	6	0	0	37	2	0	39	97
Hourly Total	0	0	0	0	0	0	0	7	159	0	0	166	0	22	0	9	0	31	0	0	155	15	0	170	367
12:00 PM	0	0	0	0	0	0	0	3	33	0	0	36	0	5	0	2	0	7	0	0	40	5	0	45	88
12:15 PM	0	0	0	0	0	0	1	1	45	0	0	47	0	7	0	2	0	9	0	0	55	9	0	64	120
12:30 PM	0	0	0	0	0	0	0	0	38	0	0	38	0	5	0	2	0	7	0	0	37	6	0	43	88
12:45 PM	0	0	0	0	0	0	0	5	51	0	0	56	0	7	0	1	0	8	0	0	42	8	0	50	114
Hourly Total	0	0	0	0	0	0	1	9	167	0	0	177	0	24	0	7	0	31	0	0	174	28	0	202	410
1:00 PM	0	0	0	0	0	0	0	2	40	0	0	42	0	1	0	0	0	1	1	0	44	3	0	48	91
1:15 PM	0	0	0	0	0	0	1	0	46	0	0	47	0	15	0	3	0	18	0	0	40	3	0	43	108
1:30 PM	0	0	0	0	0	0	0	0	38	0	0	38	0	14	0	1	0	15	0	0	43	4	0	47	100
1:45 PM	0	0	0	0	0	0	1	1	41	0	0	43	0	4	0	1	0	5	0	0	37	7	0	44	92
Hourly Total	0	0	0	0	0	0	2	3	165	0	0	170	0	34	0	5	0	39	1	0	164	17	0	182	391
2:00 PM	0	0	0	0	0	0	1	1	46	0	0	48	0	7	0	3	0	10	0	0	48	4	0	52	110
2:15 PM	0	0	0	0	0	0	1	2	51	0	0	54	0	11	0	4	0	15	0	0	72	1	0	73	142
2:30 PM	0	0	0	0	0	0	0	1	70	0	0	71	0	7	0	2	0	9	0	0	64	2	0	66	146
2:45 PM	0	0	0	0	0	0	0	5	60	0	0	65	0	6	0	5	0	11	0	0	61	13	0	74	150
Hourly Total	0	0	0	0	0	0	2	9	227	0	0	238	0	31	0	14	0	45	0	0	245	20	0	265	548
3:00 PM	0	0	0	0	0	0	0	0	73	0	0	73	0	12	0	5	0	17	0	0	77	8	0	85	175
3:15 PM	0	0	0	0	0	0	0	2	58	0	0	60	0	8	0	11	0	19	0	0	91	10	0	101	180
3:30 PM	0	0	0	0	0	0	1	1	62	0	0	64	0	9	0	3	0	12	0	0	83	11	0	94	170
3:45 PM	0	0	0	0	0	0	0	2	61	0	0	63	0	8	0	9	0	17	0	0	100	10	0	110	190
Hourly Total	0	0	0	0	0	0	1	5	254	0	0	260	0	37	0	28	0	65	0	0	351	39	0	390	715

TMC 2559 - CSAH 116 @ Eveleth St.
Ham Lake MN
Tuesday, June 3, 2025

Time	Southbound None						Westbound CSAH 116						Northbound Eveleth St						Eastbound CSAH 116						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
4:00 PM	0	0	0	0	0	0	0	7	67	0	0	74	0	24	0	8	0	32	0	0	80	13	0	93	199
4:15 PM	0	0	0	0	0	0	0	7	75	0	0	82	0	23	0	7	0	30	0	0	95	25	0	120	232
4:30 PM	0	0	0	0	0	0	3	2	92	0	0	97	0	11	0	6	0	17	0	0	106	13	0	119	233
4:45 PM	0	0	0	0	0	0	0	2	100	0	0	102	0	5	0	4	1	9	1	0	88	18	0	107	218
Hourly Total	0	0	0	0	0	0	3	18	334	0	0	355	0	63	0	25	1	88	1	0	369	69	0	439	882
5:00 PM	0	0	0	0	0	0	1	8	74	0	0	83	0	8	0	3	0	11	0	0	91	10	0	101	195
5:15 PM	0	0	0	0	0	0	0	9	98	0	0	107	0	13	0	11	0	24	0	0	81	17	0	98	229
5:30 PM	0	0	0	0	0	0	0	1	82	0	0	83	0	13	0	10	0	23	0	0	72	7	0	79	185
5:45 PM	0	0	0	0	0	0	1	1	66	0	0	68	0	17	0	7	1	24	0	0	69	13	0	82	174
Hourly Total	0	0	0	0	0	0	2	19	320	0	0	341	0	51	0	31	1	82	0	0	313	47	0	360	783
6:00 PM	0	0	0	0	0	0	0	5	55	0	0	60	0	9	0	2	0	11	0	0	50	7	0	57	128
6:15 PM	0	0	0	0	0	0	0	5	50	0	0	55	0	10	0	3	0	13	0	0	64	10	0	74	142
6:30 PM	0	0	0	0	0	0	0	1	41	0	0	42	0	8	0	2	0	10	0	0	61	1	0	62	114
6:45 PM	0	0	0	0	0	0	0	1	36	0	0	37	0	6	0	6	0	12	0	0	59	5	0	64	113
Hourly Total	0	0	0	0	0	0	0	12	182	0	0	194	0	33	0	13	0	46	0	0	234	23	0	257	497
7:00 PM	0	0	0	0	0	0	0	4	31	0	0	35	0	8	0	7	0	15	0	0	44	3	0	47	97
7:15 PM	0	0	0	0	0	0	1	1	29	0	0	31	0	16	0	11	0	27	1	0	32	7	0	40	98
7:30 PM	0	0	0	0	0	0	0	2	26	0	0	28	0	30	0	17	2	47	0	0	38	6	0	44	119
7:45 PM	0	0	0	0	0	0	1	2	25	0	0	28	0	14	0	15	0	29	0	0	19	1	0	20	77
Hourly Total	0	0	0	0	0	0	2	9	111	0	0	122	0	68	0	50	2	118	1	0	133	17	0	151	391
8:00 PM	0	0	0	0	0	0	0	2	26	0	0	28	0	8	0	8	0	16	0	0	23	6	0	29	73
8:15 PM	0	0	0	0	0	0	0	3	23	0	0	26	0	14	0	11	0	25	0	0	29	2	0	31	82
8:30 PM	0	0	0	0	0	0	0	5	15	0	0	20	0	13	0	13	0	26	0	0	32	8	0	40	86
8:45 PM	0	0	0	0	0	0	0	2	15	0	0	17	0	7	0	2	0	9	0	0	27	2	0	29	55
Hourly Total	0	0	0	0	0	0	0	12	79	0	0	91	0	42	0	34	0	76	0	0	111	18	0	129	296
9:00 PM	0	0	0	0	0	0	0	1	16	0	0	17	0	6	0	6	0	12	0	0	40	5	0	45	74
9:15 PM	0	0	0	0	0	0	0	0	9	0	0	9	0	1	0	4	0	5	0	0	17	1	0	18	32
9:30 PM	0	0	0	0	0	0	0	0	8	0	0	8	0	1	0	1	0	2	0	0	19	1	0	20	30
9:45 PM	0	0	0	0	0	0	1	0	8	0	0	9	0	2	0	3	0	5	0	0	16	0	0	16	30
Hourly Total	0	0	0	0	0	0	1	1	41	0	0	43	0	10	0	14	0	24	0	0	92	7	0	99	166
10:00 PM	0	0	0	0	0	0	1	0	4	0	0	5	0	1	0	0	0	1	1	0	17	0	0	18	24
10:15 PM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	1	0	1	0	0	10	0	0	10	18
10:30 PM	0	0	0	0	0	0	0	0	6	0	0	6	0	1	0	0	0	1	0	0	13	4	0	17	24
10:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	1	0	0	9	0	0	9	12
Hourly Total	0	0	0	0	0	0	1	0	19	0	0	20	0	2	0	2	0	4	1	0	49	4	0	54	78
11:00 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	1	1	0	4	0	0	5	10
11:15 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	1	0	1	0	0	3	1	0	4	9
11:30 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	1	0	1	0	0	3	0	0	3	7
11:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	7	1	0	8	10
Hourly Total	0	0	0	0	0	0	0	0	13	0	0	13	0	1	0	2	0	3	1	0	17	2	0	20	36
DAILY TOTAL	0	0	0	0	0	0	36	193	3543	0	0	3772	0	546	0	273	4	819	5	0	3183	461	0	3649	8240
Cars	0	0	0	0	0	0	36	193	3467	0	0	3696	0	542	0	272	4	814	5	0	3125	455	0	3585	8095
Heavy Vehicles	0	0	0	0	0	0	0	0	76	0	0	76	0	4	0	1	0	5	0	0	58	6	0	64	145
Heavy Vehicle %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.15%	0.00%	0.00%	2.01%	0.00%	0.73%	0.00%	0.37%	0.00%	0.61%	0.00%	0.00%	1.82%	1.30%	0.00%	1.75%	1.76%

TMC 2559 - CSAH 116 @ Eveleth St.
Ham Lake MN
Tuesday, June 3, 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	0	0	0	0	0	1	2	139	0	0	142	0	3	0	2	0	5	0	0	30	4	0	34	181
7:30 AM	0	0	0	0	0	0	0	2	89	0	0	91	0	5	0	0	0	5	0	0	66	4	0	70	166
7:45 AM	0	0	0	0	0	0	2	7	103	0	0	112	0	12	0	6	0	18	0	0	44	6	0	50	180
8:00 AM	0	0	0	0	0	0	2	5	93	0	0	100	0	6	0	3	0	9	0	0	48	8	0	56	165
Peak Hour Total	0	0	0	0	0	0	5	16	424	0	0	445	0	26	0	11	0	37	0	0	188	22	0	210	692
Peak Hour Heavy Vehicles	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0	7	0	0	7	14
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.65%	0.00%	0.00%	1.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.72%	0.00%	0.00%	3.33%	2.02%
	0.000	0.000	0.000	0.000	0.000	0.000	0.625	0.571	0.763	0.000	0.000	0.783	0.000	0.542	0.000	0.458	0.000	0.514	0.000	0.000	0.712	0.688	0.000	0.750	0.956

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	0	0	0	0	0	1	1	45	0	0	47	0	7	0	2	0	9	0	0	55	9	0	64	120
12:30 PM	0	0	0	0	0	0	0	0	38	0	0	38	0	5	0	2	0	7	0	0	37	6	0	43	88
12:45 PM	0	0	0	0	0	0	0	5	51	0	0	56	0	7	0	1	0	8	0	0	42	8	0	50	114
1:00 PM	0	0	0	0	0	0	0	2	40	0	0	42	0	1	0	0	0	1	1	0	44	3	0	48	91
Peak Hour Total	0	0	0	0	0	0	1	8	174	0	0	183	0	20	0	5	0	25	1	0	178	26	0	205	413
Peak Hour Heavy Vehicles	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	2	1	0	3	8
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.87%	0.00%	0.00%	2.73%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.12%	3.85%	0.00%	1.46%	1.94%
	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.400	0.853	0.000	0.000	0.817	0.000	0.714	0.000	0.625	0.000	0.694	0.250	0.000	0.809	0.722	0.000	0.801	0.860

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	0	0	0	0	0	7	67	0	0	74	0	24	0	8	0	32	0	0	80	13	0	93	199
4:15 PM	0	0	0	0	0	0	0	7	75	0	0	82	0	23	0	7	0	30	0	0	95	25	0	120	232
4:30 PM	0	0	0	0	0	0	3	2	92	0	0	97	0	11	0	6	0	17	0	0	106	13	0	119	233
4:45 PM	0	0	0	0	0	0	0	2	100	0	0	102	0	5	0	4	1	9	1	0	88	18	0	107	218
Peak Hour Total	0	0	0	0	0	0	3	18	334	0	0	355	0	63	0	25	1	88	1	0	369	69	0	439	882
Peak Hour Heavy Vehicles	0	0	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	5	0	0	5	15
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.99%	0.00%	0.00%	2.82%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.36%	0.00%	0.00%	1.14%	1.70%
	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.643	0.835	0.000	0.000	0.870	0.000	0.656	0.000	0.781	0.250	0.688	0.250	0.000	0.870	0.690	0.000	0.915	0.946

Total Vehicles On Leg		0	
Vehicles Entering Intersection		0	
Vehicles Exiting Intersection		0	
Southbound			
Cars	0	0	0
Heavy	0	0	0
Total	0	0	0

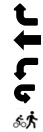


Total Vehicles on Leg 7743	Vehicles Entering Intersection	Eastbound	Cars	Heavy	Total
	3649		0	0	0
	5		0	5	
	Vehicles Exiting Intersection		0	0	0
4094	3125	58	3183		
	455	6	461		



Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection	Total Vehicles on Leg 7264
0	0	0		3772	
3467	76	3543		193	
193	0	193		Vehicles Exiting Intersection	
36	0	36	3492		
0	0	0			



Cars	4	0	542	0	272
Heavy	0	0	4	0	1
Total	4	0	546	0	273
Northbound					
Vehicles Entering Intersection			Vehicles Exiting Intersection		
819			654		
Total Vehicles On Leg			1473		



TMC 2559 - CSAH 116 @ Eveleth St.
Ham Lake MN
Tuesday, June 3, 2025

Time	Southbound Heavy None						Westbound Heavy CSAH 116						Northbound Heavy Eveleth St						Eastbound Heavy CSAH 116						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
12:00 AM	0	0	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	1	0	0	1
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	1	0	0	0	0	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 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
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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	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
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	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:30 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
5:45 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	1	0	0	2
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	1	2
6:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3
6:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	5	0	0	0	5	6
6:45 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	2
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	1	0	0	8	0	0	8	13
7:00 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
7:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	4	0	0	4	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	4
7:45 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
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	10	0	0	10	15

TMC 2559 - CSAH 116 @ Eveleth St.
Ham Lake MN
Tuesday, June 3, 2025

Time	Southbound Heavy None						Westbound Heavy CSAH 116						Northbound Heavy Eveleth St						Eastbound Heavy CSAH 116						VEHICLE 'Heavy Vehicles'
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	
8:00 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
8:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2	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	0	2	0	0	2
8:45 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	2
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	0	5	1	0	6
9:00 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	1	0	0	0	1	0	0	2	0	0	2	
9:15 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	1	0	1	0	0	0	1	0	1	
9:30 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	
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	10	0	0	10	0	1	0	1	0	2	0	0	5	3	0	8	
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	
10:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
10:30 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	
10:45 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	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	4	0	0	4	0	2	0	0	0	2	0	0	2	0	0	2	
11:00 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	
11:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	
11:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	
11:45 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	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	3	0	0	3	
12:00 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	
12:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	2	
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
12:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	2	1	0	3	
1:00 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	
1:30 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	
1:45 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	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	6	0	0	6	
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
2:15 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	
2:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	4	0	0	4	
2:45 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	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	8	0	0	8	
3:00 PM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	2	0	0	2	
3:15 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	
3:30 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	
3:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0	3	0	0	3	

TMC 2559 - CSAH 116 @ Eveleth St.
Ham Lake MN
Tuesday, June 3, 2025

Time	Southbound Heavy None						Westbound Heavy CSAH 116						Northbound Heavy Eveleth St						Eastbound Heavy CSAH 116						VEHICLE 'Heavy Vehicles'
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
4:15 PM	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
4:30 PM	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
4:45 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
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	5	0	0	5	15
5:00 PM	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
5:15 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
5:30 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
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	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
6:00 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
6:15 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	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
7:00 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
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	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	0	0	0	0	0	0	0	0	0	0	0
8:00 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
8:15 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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	76	0	0	76	0	4	0	1	0	5	0	0	58	6	0	64	145

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2559

Study Date : 06/10/2025

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 116

Number of Lanes : 2+

Total Approach Volume: 3,649

Westbound: CSAH 116

Number of Lanes : 2+

Total Approach Volume: 3,772

Minor Street Approaches

Northbound: Eveleth St

Number of Lanes : 1

Total Approach Volume: 819

Warrant Summary (Rural Values Apply)

Warrant 1 - Eight Hour Vehicular Volumes.....Not Satisfied

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

Required volumes reached for 0 hours, 8 are needed

Warrant 1B - Interruption of Continuous Traffic.....Not Satisfied

Required volumes reached for 3 hours, 8 are needed

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

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

Required 1B volumes reached for 4 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 2559

Study Date : 06/10/2025

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 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**

Volume Requirements

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

Veh/Hr Minor = **105**

Time	Major Road				Total	Minor Road		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
16:30 - 17:30	425	+	389	=	814	61	0	No
16:15 - 17:15	447	+	364	=	811	67	0	No
16:00 - 17:00	439	+	355	=	794	88	0	No
16:45 - 17:45	385	+	375	=	760	67	0	No
15:45 - 16:45	442	+	316	=	758	96	0	No
17:00 - 18:00	360	+	341	=	701	82	0	No
15:30 - 16:30	417	+	283	=	700	91	0	No
15:15 - 16:15	398	+	261	=	659	80	0	No
07:15 - 08:15	210	+	445	=	655	37	0	No
07:00 - 08:00	195	+	460	=	655	31	0	No
15:00 - 16:00	390	+	260	=	650	65	0	No
17:15 - 18:15	316	+	318	=	634	82	0	No
14:45 - 15:45	354	+	262	=	616	59	0	No
06:45 - 07:45	181	+	426	=	607	31	0	No
14:30 - 15:30	326	+	269	=	595	56	0	No
07:30 - 08:30	225	+	357	=	582	36	0	No
14:15 - 15:15	298	+	263	=	561	52	0	No
17:30 - 18:30	292	+	266	=	558	71	0	No
06:30 - 07:30	148	+	400	=	548	30	0	No
07:45 - 08:45	198	+	325	=	523	33	0	No
14:00 - 15:00	265	+	238	=	503	45	0	No
17:45 - 18:45	275	+	225	=	500	58	0	No
08:00 - 09:00	196	+	287	=	483	17	0	No
08:45 - 09:45	173	+	287	=	460	29	0	No
06:15 - 07:15	133		324		457	29	0	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2559

Study Date : 06/10/2025

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

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**

Volume Requirements

Rural Factor of 70 % applied
 Veh/Hr Major = **630**
 Veh/Hr Minor = **53**

Time	Major Road				Total	Minor Road		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
16:00 - 17:00	439	+	355	=	794	88	0	Yes
17:00 - 18:00	360	+	341	=	701	82	0	Yes
15:00 - 16:00	390	+	260	=	650	65	0	Yes
07:15 - 08:15	210	+	445	=	655	37	0	No
07:00 - 08:00	195	+	460	=	655	31	0	No
14:45 - 15:45	354	+	262	=	616	59	0	No
06:45 - 07:45	181	+	426	=	607	31	0	No
14:30 - 15:30	326	+	269	=	595	56	0	No
07:30 - 08:30	225	+	357	=	582	36	0	No
14:15 - 15:15	298	+	263	=	561	52	0	No
06:30 - 07:30	148	+	400	=	548	30	0	No
07:45 - 08:45	198	+	325	=	523	33	0	No
14:00 - 15:00	265	+	238	=	503	45	0	No
08:00 - 09:00	196	+	287	=	483	17	0	No
08:45 - 09:45	173	+	287	=	460	29	0	No
06:15 - 07:15	133	+	324	=	457	29	0	No
08:30 - 09:30	174	+	279	=	453	15	0	No
18:00 - 19:00	257	+	194	=	451	46	0	No
13:45 - 14:45	235	+	216	=	451	39	0	No
09:00 - 10:00	174	+	261	=	435	32	0	No
08:15 - 09:15	175	+	255	=	430	15	0	No
18:15 - 19:15	247	+	169	=	416	50	0	No
09:15 - 10:15	171	+	241	=	412	31	0	No
13:30 - 14:30	216	+	183	=	399	45	0	No
12:15 - 13:15	205		183		388	25	0	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2559

Study Date : 06/10/2025

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 1 hours meet 1A minimums.
Only 4 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 CSAH 116

Minor Road Eveleth St

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1A?
15:30 - 16:30	417	+	283	=	700	91	0	Yes
16:30 - 17:30	425	+	389	=	814	61	0	No
16:45 - 17:45	385	+	375	=	760	67	0	No
17:00 - 18:00	360	+	341	=	701	82	0	No
15:15 - 16:15	398	+	261	=	659	80	0	No
07:15 - 08:15	210	+	445	=	655	37	0	No
07:00 - 08:00	195	+	460	=	655	31	0	No
15:00 - 16:00	390	+	260	=	650	65	0	No
17:15 - 18:15	316	+	318	=	634	82	0	No
14:45 - 15:45	354	+	262	=	616	59	0	No
06:45 - 07:45	181	+	426	=	607	31	0	No
14:30 - 15:30	326	+	269	=	595	56	0	No

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?
16:15 - 17:15	447	+	364	=	811	67	0	Yes
15:15 - 16:15	398	+	261	=	659	80	0	Yes
17:15 - 18:15	316	+	318	=	634	82	0	Yes
14:15 - 15:15	298	+	263	=	561	52	0	Yes
07:15 - 08:15	210	+	445	=	655	37	0	No
07:00 - 08:00	195	+	460	=	655	31	0	No
06:45 - 07:45	181	+	426	=	607	31	0	No
07:30 - 08:30	225	+	357	=	582	36	0	No
06:30 - 07:30	148	+	400	=	548	30	0	No
07:45 - 08:45	198	+	325	=	523	33	0	No
14:00 - 15:00	265	+	238	=	503	45	0	No
08:00 - 09:00	196	+	287	=	483	17	0	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2559

Study Date : 06/10/2025

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.

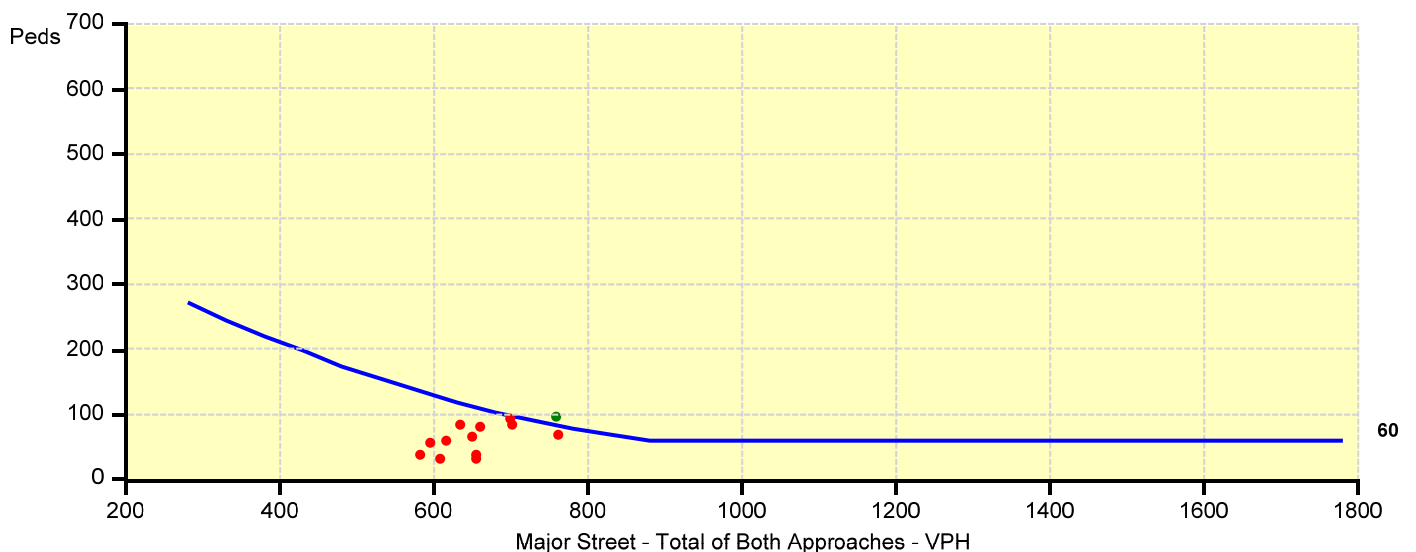
Summary

Only 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**

Time	Major Road CSAH 116				Total	Minor Road Eveleth St		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
15:45 - 16:45	442	+	316	=	758	96	0	Yes
16:45 - 17:45	385	+	375	=	760	67	0	No
17:00 - 18:00	360	+	341	=	701	82	0	No
15:30 - 16:30	417	+	283	=	700	91	0	No
15:15 - 16:15	398	+	261	=	659	80	0	No
07:15 - 08:15	210	+	445	=	655	37	0	No
07:00 - 08:00	195	+	460	=	655	31	0	No
15:00 - 16:00	390	+	260	=	650	65	0	No
17:15 - 18:15	316	+	318	=	634	82	0	No
14:45 - 15:45	354	+	262	=	616	59	0	No
06:45 - 07:45	181	+	426	=	607	31	0	No
14:30 - 15:30	326	+	269	=	595	56	0	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2559

Study Date : 06/10/2025

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**

Time	Major Road CSAH 116				Total	Minor Road Eveleth St		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
16:30 - 17:30	425	+	389	=	814	61	0	No
16:15 - 17:15	447	+	364	=	811	67	0	No
16:00 - 17:00	439	+	355	=	794	88	0	No
16:45 - 17:45	385	+	375	=	760	67	0	No
15:45 - 16:45	442	+	316	=	758	96	0	No
17:00 - 18:00	360	+	341	=	701	82	0	No
15:30 - 16:30	417	+	283	=	700	91	0	No
15:15 - 16:15	398	+	261	=	659	80	0	No
07:15 - 08:15	210	+	445	=	655	37	0	No
07:00 - 08:00	195	+	460	=	655	31	0	No
15:00 - 16:00	390	+	260	=	650	65	0	No
17:15 - 18:15	316	+	318	=	634	82	0	No

