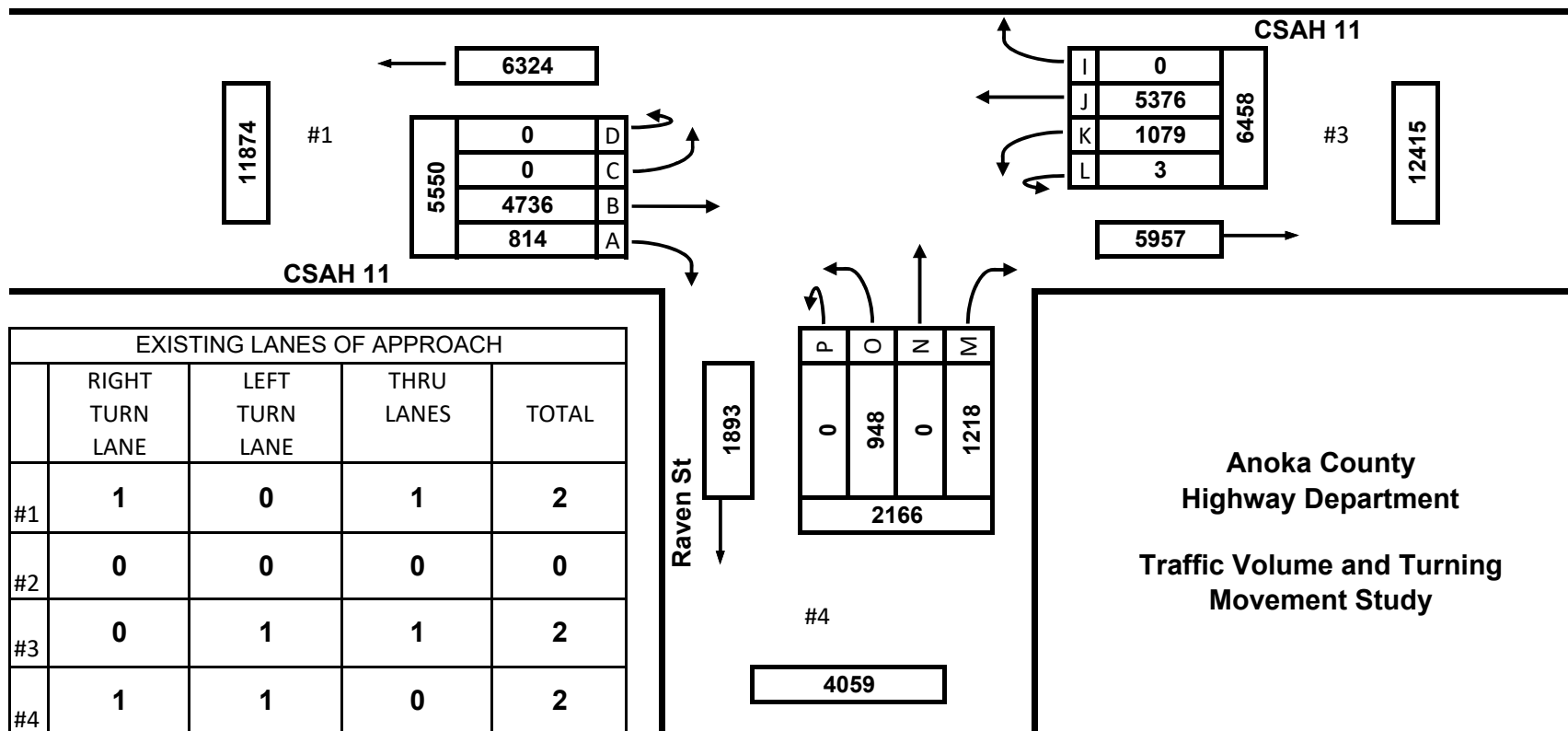
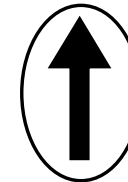


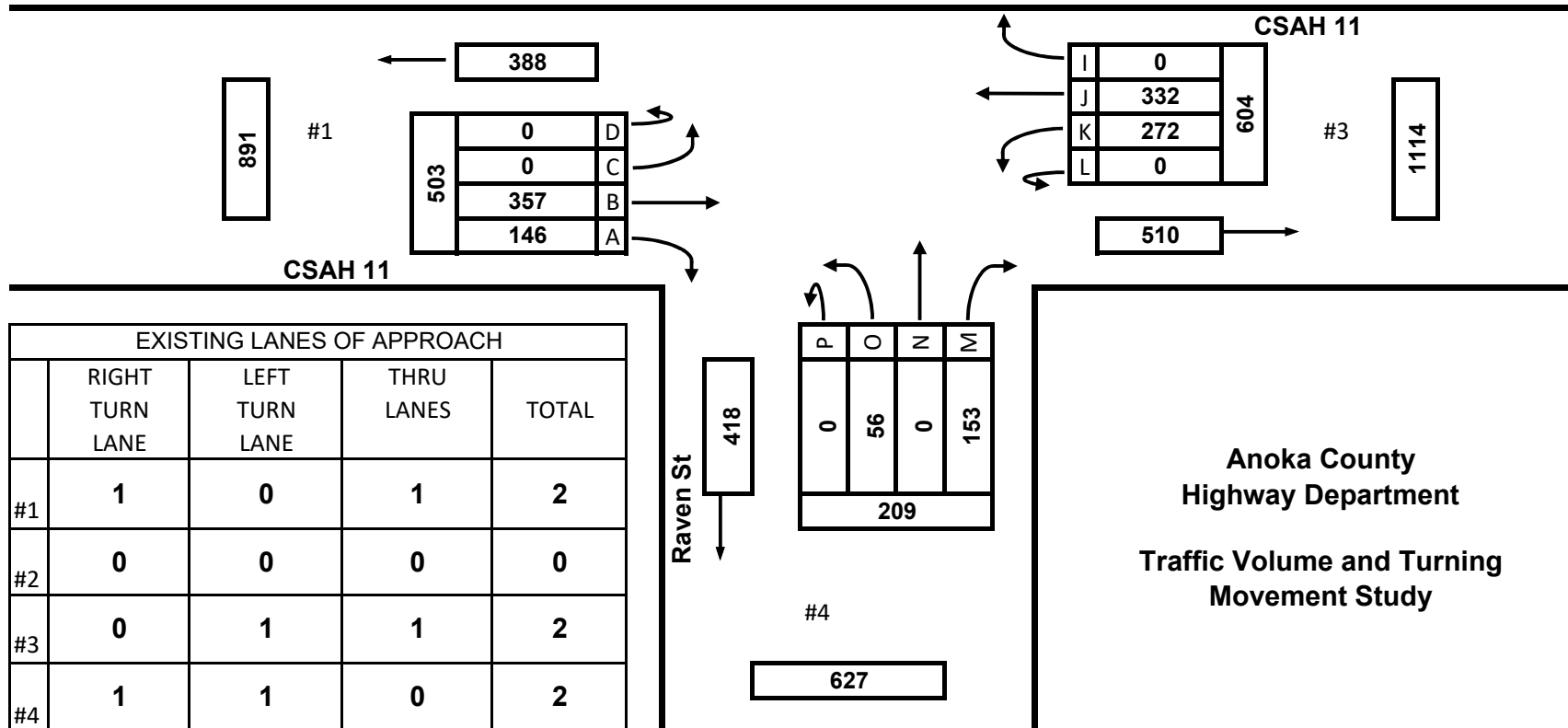
Collection Period: 24 HR



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



North



Date: 03/25/25

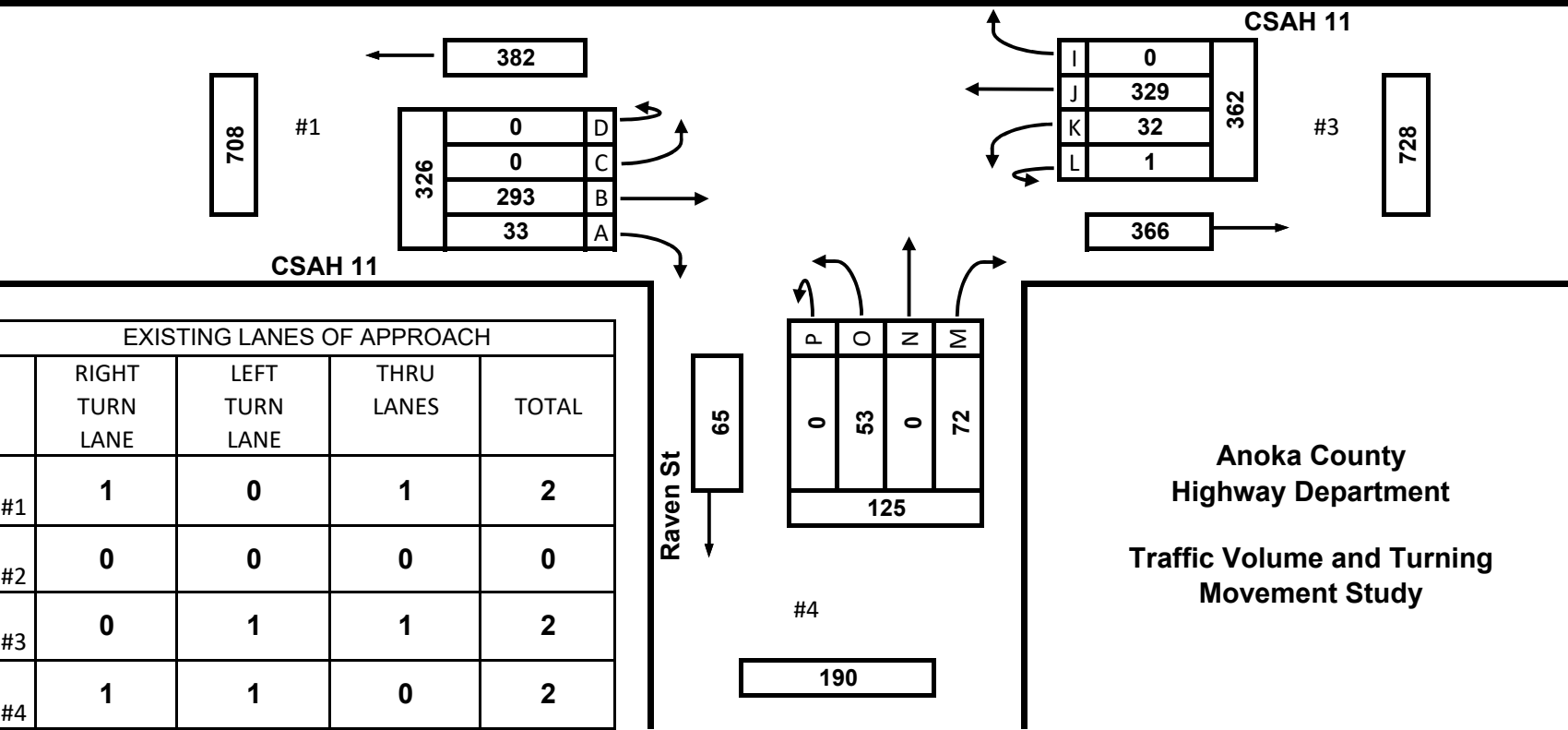
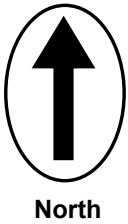
Count Number: TMC 2518

Location: CSAH 11

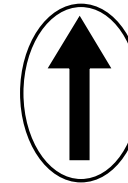
@ Raven St

Collection Period: 24 HR

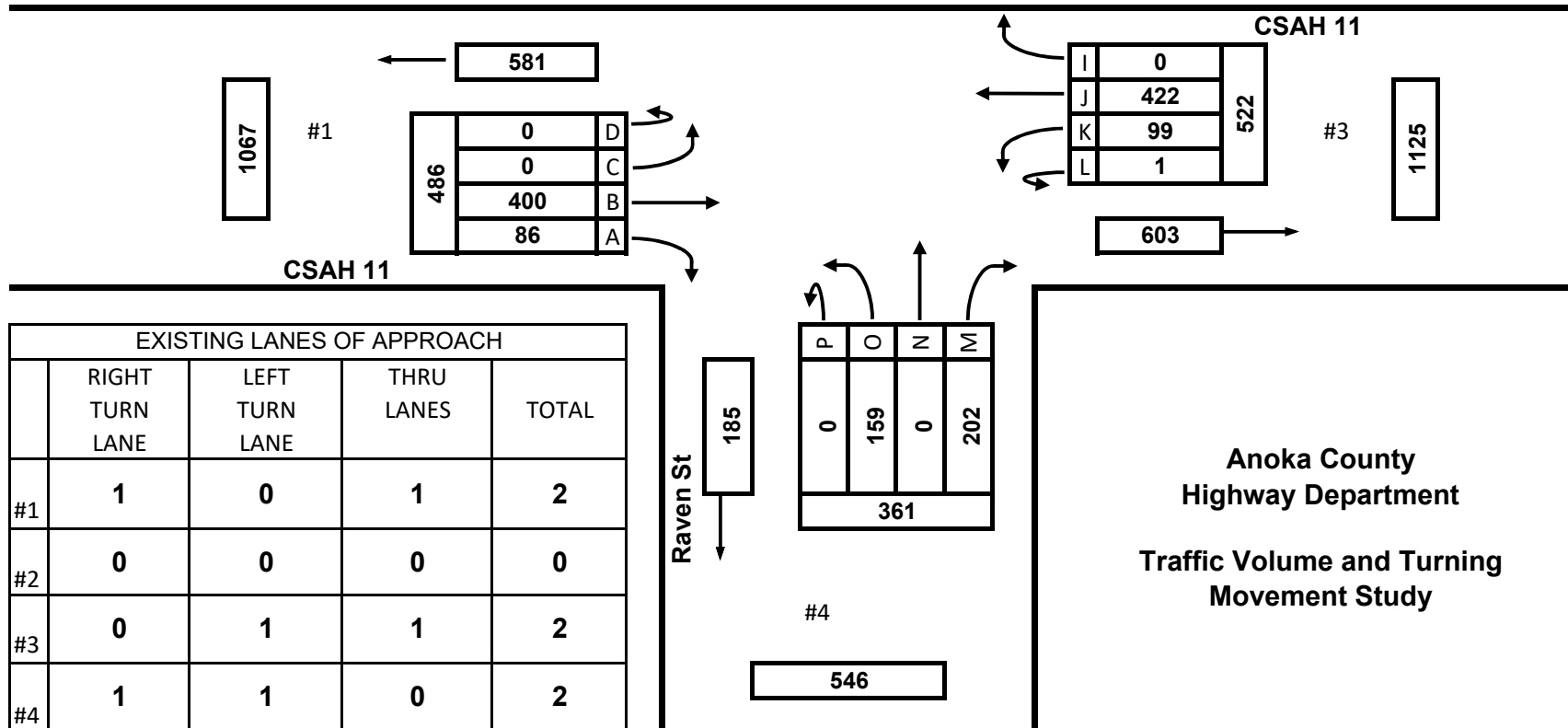
Peak Hour: 1:00 PM - 2:00 PM



Peak Hour: 2:30 PM - 3:30 PM



North



TMC 2518 - CSAH 11 @ Raven St
Coon Rapids MN
Tuesday, March 25, 2025

Time	Southbound None						Westbound CSAH 11						Northbound Raven St						Eastbound CSAH 11						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	1	14	0	0	15	0	1	0	0	0	1	0	0	4	0	0	4	20
12:15 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	0	0	2	0	0	2	0	0	2	6
12:30 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	1	0	1	0	2	0	0	2	1	0	3	10
12:45 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	1	0	0	2	0	0	2	7
Hourly Total	0	0	0	0	0	0	0	1	25	0	0	26	0	5	0	1	0	6	0	0	10	1	0	11	43
1:00 AM	0	0	0	0	0	0	0	2	4	0	0	6	0	2	0	0	0	2	0	0	2	1	0	3	11
1:15 AM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	1	0	1	0	0	3	0	0	3	10
1:30 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	2	1	0	3	7
1:45 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	1	0	3	5
Hourly Total	0	0	0	0	0	0	0	2	16	0	0	18	0	2	0	1	0	3	0	0	9	3	0	12	33
2:00 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	4	0	0	4	7
2:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	1	0	0	1	4
2:30 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
2:45 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	2	0	0	2	7
Hourly Total	0	0	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	0	0	8	0	0	8	23
3:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	0	0	1	0	0	1	3
3:15 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	3	0	0	3	0	0	3	8
3:30 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	1	0	1	0	0	6	0	0	6	12
3:45 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	0	0	1	0	0	5	0	0	5	8
Hourly Total	0	0	0	0	0	0	0	0	10	0	0	10	0	4	0	2	0	6	0	0	15	0	0	15	31
4:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	7	0	0	7	8
4:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	13	0	0	13	16
4:30 AM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	1	0	1	0	0	9	0	0	9	17
4:45 AM	0	0	0	0	0	0	0	1	5	0	0	6	0	0	0	1	0	1	0	0	16	1	0	17	24
Hourly Total	0	0	0	0	0	0	0	1	16	0	0	17	0	0	0	2	0	2	0	0	45	1	0	46	65
5:00 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	1	0	2	0	0	28	0	0	28	34
5:15 AM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	1	0	1	0	0	32	0	0	32	40
5:30 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	2	0	4	0	6	0	0	36	1	0	37	48
5:45 AM	0	0	0	0	0	0	0	3	17	0	0	20	0	1	0	3	0	4	0	0	31	1	0	32	56
Hourly Total	0	0	0	0	0	0	0	3	33	0	0	36	0	4	0	9	0	13	0	0	127	2	0	129	178
6:00 AM	0	0	0	0	0	0	0	1	16	0	0	17	0	3	0	3	0	6	0	0	37	2	0	39	62
6:15 AM	0	0	0	0	0	0	0	8	26	0	0	34	0	3	0	2	2	5	0	0	51	1	0	52	91
6:30 AM	0	0	0	0	0	0	0	8	43	0	0	51	0	4	0	8	0	12	0	0	63	2	0	65	128
6:45 AM	0	0	0	0	0	0	0	28	74	0	0	102	0	4	0	7	0	11	0	0	55	13	0	68	181
Hourly Total	0	0	0	0	0	0	0	45	159	0	0	204	0	14	0	20	2	34	0	0	206	18	0	224	462
7:00 AM	0	0	0	0	0	0	0	86	92	0	0	178	0	8	0	26	0	34	0	0	86	21	0	107	319
7:15 AM	0	0	0	0	0	0	0	84	82	0	0	166	0	16	0	55	0	71	0	0	105	46	2	151	388
7:30 AM	0	0	0	0	0	0	0	70	71	0	0	141	0	15	0	46	0	61	0	0	102	43	1	145	347
7:45 AM	0	0	0	0	0	0	0	32	87	0	0	119	0	17	0	26	0	43	0	0	64	36	0	100	262
Hourly Total	0	0	0	0	0	0	0	272	332	0	0	604	0	56	0	153	0	209	0	0	357	146	3	503	1316

TMC 2518 - CSAH 11 @ Raven St
Coon Rapids MN
Tuesday, March 25, 2025

Time	Southbound None						Westbound CSAH 11						Northbound Raven St						Eastbound CSAH 11						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	0	49	55	0	0	104	0	24	0	37	0	61	0	0	54	44	0	98	263
8:15 AM	0	0	0	0	0	0	0	25	61	0	0	86	0	15	0	31	0	46	0	0	52	17	0	69	201
8:30 AM	0	0	0	0	0	0	0	11	55	0	0	66	0	7	0	14	0	21	0	0	52	4	0	56	143
8:45 AM	0	0	0	0	0	0	0	14	64	0	0	78	0	12	0	18	0	30	0	0	58	6	0	64	172
Hourly Total	0	0	0	0	0	0	0	99	235	0	0	334	0	58	0	100	0	158	0	0	216	71	0	287	779
9:00 AM	0	0	0	0	0	0	0	9	66	0	0	75	0	7	0	12	0	19	0	0	68	3	0	71	165
9:15 AM	0	0	0	0	0	0	0	5	86	0	0	91	0	9	0	8	0	17	0	0	86	10	0	96	204
9:30 AM	0	0	0	0	0	0	0	8	71	0	1	79	0	7	0	10	1	17	0	0	71	5	0	76	172
9:45 AM	0	0	0	0	0	0	0	18	72	0	0	90	0	4	0	9	0	13	0	0	57	6	0	63	166
Hourly Total	0	0	0	0	0	0	0	40	295	0	1	335	0	27	0	39	1	66	0	0	282	24	0	306	707
10:00 AM	0	0	0	0	0	0	0	9	55	0	1	64	0	7	0	5	1	12	0	0	52	8	0	60	136
10:15 AM	0	0	0	0	0	0	0	4	47	0	0	51	0	5	0	2	1	7	0	0	61	5	0	66	124
10:30 AM	0	0	0	0	0	0	0	4	86	0	0	90	0	7	0	4	0	11	0	0	67	3	0	70	171
10:45 AM	0	0	0	0	0	0	0	5	98	0	0	103	0	12	0	6	0	18	0	0	70	6	0	76	197
Hourly Total	0	0	0	0	0	0	0	22	286	0	1	308	0	31	0	17	2	48	0	0	250	22	0	272	628
11:00 AM	0	0	0	0	0	0	0	5	85	0	1	90	0	9	0	9	0	18	0	0	44	12	0	56	164
11:15 AM	0	0	0	0	0	0	0	6	97	0	0	103	0	12	0	16	0	28	0	0	71	12	0	83	214
11:30 AM	0	0	0	0	0	0	0	2	76	0	0	78	0	13	0	10	0	23	0	0	66	8	0	74	175
11:45 AM	0	0	0	0	0	0	0	3	89	0	0	92	0	8	0	6	0	14	0	0	58	8	0	66	172
Hourly Total	0	0	0	0	0	0	0	16	347	0	1	363	0	42	0	41	0	83	0	0	239	40	0	279	725
12:00 PM	0	0	0	0	0	0	1	5	68	0	1	74	0	12	0	6	0	18	0	0	72	6	0	78	170
12:15 PM	0	0	0	0	0	0	0	8	69	0	0	77	0	17	0	20	0	37	0	0	68	12	0	80	194
12:30 PM	0	0	0	0	0	0	0	4	80	0	1	84	0	9	0	7	0	16	0	0	76	11	0	87	187
12:45 PM	0	0	0	0	0	0	0	3	79	0	0	82	0	9	0	9	0	18	0	0	87	8	0	95	195
Hourly Total	0	0	0	0	0	0	1	20	296	0	2	317	0	47	0	42	0	89	0	0	303	37	0	340	746
1:00 PM	0	0	0	0	0	0	0	6	96	0	0	102	0	17	0	27	2	44	0	0	73	11	0	84	230
1:15 PM	0	0	0	0	0	0	0	5	72	0	0	77	0	7	0	20	2	27	0	0	71	6	0	77	181
1:30 PM	0	0	0	0	0	0	1	5	73	0	0	79	0	15	0	10	1	25	0	0	66	8	0	74	178
1:45 PM	0	0	0	0	0	0	0	16	88	0	0	104	0	14	0	15	0	29	0	0	83	8	0	91	224
Hourly Total	0	0	0	0	0	0	1	32	329	0	0	362	0	53	0	72	5	125	0	0	293	33	0	326	813
2:00 PM	0	0	0	0	0	0	0	31	90	0	0	121	0	9	0	20	0	29	0	0	73	14	0	87	237
2:15 PM	0	0	0	0	0	0	0	33	80	0	0	113	0	35	0	76	13	111	0	0	82	14	0	96	320
2:30 PM	0	0	0	0	0	0	0	26	104	0	0	130	0	59	0	63	8	122	0	0	86	19	0	105	357
2:45 PM	0	0	0	0	0	0	0	32	99	0	0	131	0	20	0	24	1	44	0	0	76	23	2	99	274
Hourly Total	0	0	0	0	0	0	0	122	373	0	0	495	0	123	0	183	22	306	0	0	317	70	2	387	1188
3:00 PM	0	0	0	0	0	0	0	25	93	0	0	118	0	34	0	46	3	80	0	0	124	21	0	145	343
3:15 PM	0	0	0	0	0	0	1	16	126	0	0	143	0	46	0	69	24	115	0	0	114	23	0	137	395
3:30 PM	0	0	0	0	0	0	0	6	119	0	2	125	0	23	0	25	4	48	0	0	93	15	0	108	281
3:45 PM	0	0	0	0	0	0	0	12	130	0	0	142	0	21	0	18	4	39	0	0	88	15	0	103	284
Hourly Total	0	0	0	0	0	0	1	59	468	0	2	528	0	124	0	158	35	282	0	0	419	74	0	493	1303

TMC 2518 - CSAH 11 @ Raven St
Coon Rapids MN
Tuesday, March 25, 2025

Time	Southbound None						Westbound CSAH 11						Northbound Raven St						Eastbound CSAH 11						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	23	121	0	0	144	0	18	0	18	7	36	0	0	101	20	1	121	301
4:15 PM	0	0	0	0	0	0	0	13	142	0	1	155	0	11	0	18	0	29	0	0	82	12	0	94	278
4:30 PM	0	0	0	0	0	0	0	14	159	0	1	173	0	19	0	12	1	31	0	0	95	13	1	108	312
4:45 PM	0	0	0	0	0	0	0	27	146	0	0	173	0	21	0	20	0	41	0	0	110	20	0	130	344
Hourly Total	0	0	0	0	0	0	0	77	568	0	2	645	0	69	0	68	8	137	0	0	388	65	2	453	1235
5:00 PM	0	0	0	0	0	0	0	13	150	0	0	163	0	30	0	29	4	59	0	0	90	16	0	106	328
5:15 PM	0	0	0	0	0	0	0	24	126	0	0	150	0	21	0	17	0	38	0	0	98	20	1	118	306
5:30 PM	0	0	0	0	0	0	0	24	142	0	2	166	0	17	0	14	2	31	0	0	76	12	7	88	285
5:45 PM	0	0	0	0	0	0	0	31	121	0	0	152	0	25	0	23	4	48	0	0	72	27	1	99	299
Hourly Total	0	0	0	0	0	0	0	92	539	0	2	631	0	93	0	83	10	176	0	0	336	75	9	411	1218
6:00 PM	0	0	0	0	0	0	0	32	88	0	0	120	0	8	0	11	10	19	0	0	67	23	0	90	229
6:15 PM	0	0	0	0	0	0	0	29	76	0	0	105	0	19	0	8	0	27	0	0	79	23	1	102	234
6:30 PM	0	0	0	0	0	0	0	14	78	0	0	92	0	15	0	9	0	24	0	0	60	14	2	74	190
6:45 PM	0	0	0	0	0	0	0	16	99	0	0	115	0	24	0	19	0	43	0	0	62	7	0	69	227
Hourly Total	0	0	0	0	0	0	0	91	341	0	0	432	0	66	0	47	10	113	0	0	268	67	3	335	880
7:00 PM	0	0	0	0	0	0	0	2	55	0	0	57	0	18	0	3	1	21	0	0	58	5	0	63	141
7:15 PM	0	0	0	0	0	0	0	11	72	0	0	83	0	14	0	23	1	37	0	0	63	5	0	68	188
7:30 PM	0	0	0	0	0	0	0	13	53	0	0	66	0	29	0	39	1	68	0	0	69	14	0	83	217
7:45 PM	0	0	0	0	0	0	0	4	51	0	0	55	0	18	0	44	14	62	0	0	54	4	0	58	175
Hourly Total	0	0	0	0	0	0	0	30	231	0	0	261	0	79	0	109	17	188	0	0	244	28	0	272	721
8:00 PM	0	0	0	0	0	0	0	5	54	0	0	59	0	5	0	10	3	15	0	0	60	6	0	66	140
8:15 PM	0	0	0	0	0	0	0	7	55	0	0	62	0	8	0	3	0	11	0	0	32	4	0	36	109
8:30 PM	0	0	0	0	0	0	0	10	43	0	0	53	0	6	0	15	1	21	0	0	39	6	0	45	119
8:45 PM	0	0	0	0	0	0	0	9	45	0	0	54	0	9	0	11	0	20	0	0	41	4	0	45	119
Hourly Total	0	0	0	0	0	0	0	31	197	0	0	228	0	28	0	39	4	67	0	0	172	20	0	192	487
9:00 PM	0	0	0	0	0	0	0	4	46	0	0	50	0	3	0	5	0	8	0	0	54	2	0	56	114
9:15 PM	0	0	0	0	0	0	0	1	39	0	0	40	0	1	0	6	0	7	0	0	27	2	0	29	76
9:30 PM	0	0	0	0	0	0	0	2	22	0	0	24	0	4	0	5	1	9	0	0	34	0	0	34	67
9:45 PM	0	0	0	0	0	0	0	0	29	0	0	29	0	2	0	4	0	6	0	0	18	1	0	19	54
Hourly Total	0	0	0	0	0	0	0	7	136	0	0	143	0	10	0	20	1	30	0	0	133	5	0	138	311
10:00 PM	0	0	0	0	0	0	0	2	28	0	0	30	0	3	0	2	0	5	0	0	18	2	0	20	55
10:15 PM	0	0	0	0	0	0	0	2	23	0	0	25	0	0	0	1	1	1	0	0	18	0	0	18	44
10:30 PM	0	0	0	0	0	0	0	2	16	0	0	18	0	1	0	1	0	2	0	0	15	1	0	16	36
10:45 PM	0	0	0	0	0	0	0	3	11	0	0	14	0	3	0	2	0	5	0	0	15	1	0	16	35
Hourly Total	0	0	0	0	0	0	0	9	78	0	0	87	0	7	0	6	1	13	0	0	66	4	0	70	170
11:00 PM	0	0	0	0	0	0	0	3	23	0	0	26	0	1	0	1	0	2	0	0	14	2	0	16	44
11:15 PM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	3	1	3	0	0	6	2	0	8	18
11:30 PM	0	0	0	0	0	0	0	3	12	0	0	15	0	2	0	2	0	4	0	0	9	0	0	9	28
11:45 PM	0	0	0	0	0	0	0	2	9	0	0	11	0	3	0	0	0	3	0	0	4	4	0	8	22
Hourly Total	0	0	0	0	0	0	0	8	51	0	0	59	0	6	0	6	1	12	0	0	33	8	0	41	112
DAILY TOTAL	0	0	0	0	0	0	3	1079	5376	0	11	6458	0	948	0	1218	119	2166	0	0	4736	814	19	5550	14174
Cars	0	0	0	0	0	0	3	1042	5236	0	9	6281	0	930	0	1180	104	2110	0	0	4612	785	13	5397	13788
Heavy Vehicles	0	0	0	0	0	0	0	37	140	0	2	177	0	18	0	38	15	56	0	0	124	29	6	153	386
Heavy Vehicle %	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.43%	2.60%	0.00%	18.18%	2.74%	0.00%	1.90%	0.00%	3.12%	12.61%	2.59%	0.00%	0.00%	2.62%	3.56%	31.58%	2.76%	2.72%

TMC 2518 - CSAH 11 @ Raven St
Coon Rapids MN
Tuesday, March 25, 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					
7:00 AM	0	0	0	0	0	0	0	86	92	0	0	178	0	8	0	26	0	34	0	0	86	21	0	107	319				
7:15 AM	0	0	0	0	0	0	0	84	82	0	0	166	0	16	0	55	0	71	0	0	105	46	2	151	388				
7:30 AM	0	0	0	0	0	0	0	70	71	0	0	141	0	15	0	46	0	61	0	0	102	43	1	145	347				
7:45 AM	0	0	0	0	0	0	0	32	87	0	0	119	0	17	0	26	0	43	0	0	64	36	0	100	262				
Peak Hour Total	0	0	0	0	0	0	0	272	332	0	0	604	0	56	0	153	0	209	0	0	357	146	3	503	1316				
Peak Hour Heavy Vehicle	0	0	0	0	0	0	0	1	31	0	0	32	0	2	0	1	0	3	0	0	26	10	0	36	71				
Peak Hour Heavy Vehicles PHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.37%	9.34%	0.00%	0.00%	5.30%	0.00%	3.57%	0.00%	0.65%	0.00%	1.44%	0.00%	0.00%	7.28%	6.85%	0.00%	7.16%	5.40%				
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.791	0.902	0.000	0.000	0.848	0.000	0.824	0.000	0.695	0.000	0.736	0.000	0.000	0.850	0.793	0.375	0.833	0.848				

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	
1:00 PM	0	0	0	0	0	0	0	6	96	0	0	102	0	17	0	27	2	44	0	0	73	11	0	84	230
1:15 PM	0	0	0	0	0	0	0	5	72	0	0	77	0	7	0	20	2	27	0	0	71	6	0	77	181
1:30 PM	0	0	0	0	0	0	1	5	73	0	0	79	0	15	0	10	1	25	0	0	66	8	0	74	178
1:45 PM	0	0	0	0	0	0	0	16	88	0	0	104	0	14	0	15	0	29	0	0	83	8	0	91	224
Peak Hour Total	0	0	0	0	0	0	1	32	329	0	0	362	0	53	0	72	5	125	0	0	293	33	0	326	813
Peak Hour Heavy Vehicle	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	1	0	1	0	0	5	0	0	5	17
Peak Hour Heavy Vehicles PHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.34%	0.00%	0.00%	3.04%	0.00%	0.00%	0.00%	1.39%	0.00%	0.80%	0.00%	0.00%	1.71%	0.00%	0.00%	1.53%	2.09%
	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.500	0.857	0.000	0.000	0.870	0.000	0.779	0.000	0.667	0.625	0.710	0.000	0.000	0.883	0.750	0.000	0.896	0.884

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	
2:30 PM	0	0	0	0	0	0	0	26	104	0	0	130	0	59	0	63	8	122	0	0	86	19	0	105	357
2:45 PM	0	0	0	0	0	0	0	32	99	0	0	131	0	20	0	24	1	44	0	0	76	23	2	99	274
3:00 PM	0	0	0	0	0	0	0	25	93	0	0	118	0	34	0	46	3	80	0	0	124	21	0	145	343
3:15 PM	0	0	0	0	0	0	1	16	126	0	0	143	0	46	0	69	24	115	0	0	114	23	0	137	395
Peak Hour Total	0	0	0	0	0	0	1	99	422	0	0	522	0	159	0	202	36	361	0	0	400	86	2	486	1369
Peak Hour Heavy Vehicle	0	0	0	0	0	0	0	16	5	0	0	21	0	7	0	15	0	22	0	0	7	7	0	14	57
Peak Hour Heavy Vehicles	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.16%	1.18%	0.00%	0.00%	4.02%	0.00%	4.40%	0.00%	7.43%	0.00%	6.09%	0.00%	0.00%	1.75%	8.14%	0.00%	2.88%	4.16%
PHF	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.773	0.837	0.000	0.000	0.913	0.000	0.674	0.000	0.732	0.375	0.740	0.000	0.000	0.806	0.935	0.250	0.838	0.866

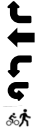
Total Vehicles On Leg		0	
Vehicles Entering Intersection		Vehicles Exiting Intersection	
Southbound		0	
Cars	0	0	0
Heavy	0	0	0
Total	0	0	0



Total Vehicles on Leg 11874	Entering Intersection 5550	Eastbound	Cars	Heavy	Total
			13	6	19
			0	0	0
	Exiting Intersection 6324		4612	124	4736
			785	29	814



Daily Volumes



Cars	Heavy	Total	Westbound	Entering Intersection 6458	Total Vehicles on Leg 12415
0	0	0			
5236	140	5376			
1042	37	1079		Exiting Intersection 5957	
3	0	3			
9	2	11			

Cars	104	0	930	0	1180
Heavy	15	0	18	0	38
Total	119	0	948	0	1218
Northbound					
Vehicles Entering Intersection			Vehicles Exiting Intersection		
Total Vehicles On Leg			1893		
			4059		

TMC 2518 - CSAH 11 @ Raven St
Coon Rapids MN
Tuesday, March 25, 2025

Time	Southbound Heavy None						Westbound Heavy CSAH 11						Northbound Heavy Raven St						Eastbound Heavy CSAH 11						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
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	1	0	0	1	1
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	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	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1
6:15 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
6:30 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	1	0	0	1	4
6:45 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 'Heavy Vehicles'	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	3	0	0	3	8
7:00 AM	0	0	0	0	0	0	0	1	20	0	0	21	0	1	0	0	0	1	0	0	2	0	0	2	24
7:15 AM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	1	0	1	0	0	17	10	0	27	35
7:30 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	6	0	0	6	10
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	1	2
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	1	31	0	0	32	0	2	0	1	0	3	0	0	26	10	0	36	71

TMC 2518 - CSAH 11 @ Raven St
Coon Rapids MN
Tuesday, March 25, 2025

Time	Southbound Heavy None						Westbound Heavy CSAH 11						Northbound Heavy Raven St						Eastbound Heavy CSAH 11						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	14	0	0	0	14	0	1	0	12	0	13	0	0	0	6	0	6	33
8:15 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	1	0	3	0	4	0	0	1	1	0	2	11
8:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3
8:45 AM	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	1	0	1	0	0	1	0	0	1	10
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	14	15	0	0	29	0	2	0	16	0	18	0	0	3	7	0	10	57
9:00 AM	0	0	0	0	0	0	0	1	1	0	0	2	0	1	0	0	0	1	0	0	1	0	0	1	4
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	3	0	0	3	4
9:30 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	1	0	0	0	4	0	0	4	8
9:45 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
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	1	9	0	0	10	0	1	0	1	1	2	0	0	9	0	0	9	21
10:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	2	3
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
10:30 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	5
10:45 AM	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	1	0	0	1	4
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	1	6	0	0	7	0	0	0	0	0	0	0	0	6	1	0	7	14
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0	2	3
11:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
11:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	0	0	1	0	0	3	0	0	3	6
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	2
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	5	0	0	5	0	1	0	1	0	2	0	0	4	2	0	6	13
12:00 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
12:15 PM	0	0	0	0	0	0	0	1	2	0	0	3	0	1	0	0	0	1	0	0	4	0	0	4	8
12:30 PM	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	1	0	1	0	0	4	0	0	4	8
12:45 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	2
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	2	5	0	0	7	0	1	0	1	0	2	0	0	11	0	0	11	20
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	2
1:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1
1:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	3	0	0	3	4
1:45 PM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	1	0	1	0	0	2	0	0	2	10
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	1	2	1	0	0	5	0	0	5	17
2:00 PM	0	0	0	0	0	0	0	0	24	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	24
2:15 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	2	0	0	0	28	0	0	28	31
2:30 PM	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	3	1	0	4	7
2:45 PM	0	0	0	0	0	0	0	9	1	0	0	10	0	0	0	1	1	1	0	0	1	4	0	5	16
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	10	30	0	0	40	0	0	0	1	3	1	0	0	32	5	0	37	78
3:00 PM	0	0	0	0	0	0	0	5	0	0	0	5	0	5	0	13	1	18	0	0	2	2	0	4	27
3:15 PM	0	0	0	0	0	0	0	1	2	0	0	3	0	2	0	1	1	3	0	0	1	0	0	1	7
3:30 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	1	1	0	0	3	0	0	3	8
3:45 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	1	0	0	0	1	0	0	3	1	0	4	8
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	6	9	0	0	15	0	9	0	14	3	23	0	0	9	3	0	12	50

March 25, 2025

DAILY 'Heavy Vehicles'

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2518

Study Date : 03/31/2025

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 11

Number of Lanes : 2+

Total Approach Volume: 5,550

Westbound: CSAH 11

Number of Lanes :2+

Total Approach Volume: 6,458

Minor Street Approaches

Northbound: Raven St

Number of Lanes :1

Total Approach Volume: 2,166

Warrant Summary (Urban Values Apply)

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

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

Required volumes reached for 7 hours, 8 are needed

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

Required volumes reached for 5 hours, 8 are needed

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

Required 1A volumes reached for 9 hours, 8 are needed

Required 1B volumes reached for 7 hours, 8 are needed

Warrant 2 - Four Hour Volumes.....Satisfied

Number of hours (5) volumes exceed minimum >= minimum required (4).

Warrant 3 - Peak Hour.....Satisfied

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

Number of one hour periods (37) volumes exceed minimum >= required (1). Delay data not evaluated.

Warrant 3B - Peak Hour Volumes.....Satisfied

Volumes exceed minimums for at least one hour period.

Warrant 4 - Pedestrian Volumes.....Not Evaluated

Warrant 5 - School Crossing.....Not Evaluated

Warrant 6 - Coordinated Signal System.....Not Evaluated

Warrant 7 - Crash Experience.....Not Evaluated

Warrant 8 - Roadway Network.....Not Evaluated

Warrant 9 - Intersection Near a Grade Crossing.....Not Evaluated

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2518

Study Date : 03/31/2025

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

Site Data Required

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

Volume Requirements

Veh/Hr Major = **600**

Veh/Hr Minor = **150**

Major Road						Minor Road			
CSAH 11						Raven St			
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?	
16:30 - 17:30	462	+	659	=	1121	169	0	Yes	
06:45 - 07:45	471	+	587	=	1058	177	0	Yes	
14:30 - 15:30	486	+	522	=	1008	361	0	Yes	
15:30 - 16:30	426	+	566	=	992	152	0	Yes	
13:30 - 14:30	348	+	417	=	765	194	0	Yes	
07:45 - 08:45	323	+	375	=	698	171	0	Yes	
18:45 - 19:45	283	+	321	=	604	169	0	Yes	
17:30 - 18:30	379	+	543	=	922	125	0	No	
06:30 - 07:30	391	+	497	=	888	128	0	No	
17:45 - 18:45	365	+	469	=	834	118	0	No	
18:00 - 19:00	335	+	432	=	767	113	0	No	
13:15 - 14:15	329	+	381	=	710	110	0	No	
12:15 - 13:15	346	+	345	=	691	115	0	No	
12:30 - 13:30	343	+	345	=	688	105	0	No	
13:00 - 14:00	326	+	362	=	688	125	0	No	
18:15 - 19:15	308	+	369	=	677	115	0	No	
10:30 - 11:30	285	+	386	=	671	75	0	No	
12:45 - 13:45	330	+	340	=	670	114	0	No	
10:45 - 11:45	289	+	374	=	663	87	0	No	
12:00 - 13:00	340	+	317	=	657	89	0	No	
06:15 - 07:15	292	+	365	=	657	62	0	No	
11:15 - 12:15	301	+	347	=	648	83	0	No	
11:00 - 12:00	279	+	363	=	642	83	0	No	
09:00 - 10:00	306	+	335	=	641	66	0	No	
11:45 - 12:45	311		327		638	85	0	No	

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2518

Study Date : 03/31/2025

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

Site Data Required

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

Volume Requirements

Veh/Hr Major = **900**

Veh/Hr Minor = **75**

Major Road						Minor Road		
CSAH 11						Raven St		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
16:15 - 17:15	438	+	664	=	1102	160	0	Yes
06:45 - 07:45	471	+	587	=	1058	177	0	Yes
15:15 - 16:15	469	+	554	=	1023	238	0	Yes
17:15 - 18:15	395	+	588	=	983	136	0	Yes
14:15 - 15:15	445	+	492	=	937	357	0	Yes
06:30 - 07:30	391	+	497	=	888	128	0	No
14:00 - 15:00	387	+	495	=	882	306	0	No
13:45 - 14:45	379	+	468	=	847	291	0	No
13:30 - 14:30	348	+	417	=	765	194	0	No
13:15 - 14:15	329	+	381	=	710	110	0	No
07:45 - 08:45	323	+	375	=	698	171	0	No
12:15 - 13:15	346	+	345	=	691	115	0	No
12:30 - 13:30	343	+	345	=	688	105	0	No
13:00 - 14:00	326	+	362	=	688	125	0	No
18:15 - 19:15	308	+	369	=	677	115	0	No
10:30 - 11:30	285	+	386	=	671	75	0	No
12:45 - 13:45	330	+	340	=	670	114	0	No
10:45 - 11:45	289	+	374	=	663	87	0	No
12:00 - 13:00	340	+	317	=	657	89	0	No
06:15 - 07:15	292	+	365	=	657	62	0	No
11:15 - 12:15	301	+	347	=	648	83	0	No
11:00 - 12:00	279	+	363	=	642	83	0	No
09:00 - 10:00	306	+	335	=	641	66	0	No
11:45 - 12:45	311	+	327	=	638	85	0	No
08:45 - 09:45	307		323		630	83	0	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2518

Study Date : 03/31/2025

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

9 hours meet 1A minimums.
Only 7 hours meet 1B minimums.
Warrant is NOT met.

Site Data Required

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

Volume Requirements

Warrant 1A 1B
Veh/Hr Major = **480 720**

Veh/Hr Minor = **120 60**

Major Road CSAH 11						Minor Road Raven St				
Time	Major EB	+	Major WB	=	Total	Minor NB		Minor SB		Met1A?
16:00 - 17:00	453	+	645	=	1098	137		0		Yes
17:00 - 18:00	411	+	631	=	1042	176		0		Yes
15:00 - 16:00	493	+	528	=	1021	282		0		Yes
06:30 - 07:30	391	+	497	=	888	128		0		Yes
14:00 - 15:00	387	+	495	=	882	306		0		Yes
07:30 - 08:30	412	+	450	=	862	211		0		Yes
13:00 - 14:00	326	+	362	=	688	125		0		Yes
18:30 - 19:30	274	+	347	=	621	125		0		Yes
19:30 - 20:30	243	+	242	=	485	156		0		Yes
18:00 - 19:00	335	+	432	=	767	113		0		No
12:15 - 13:15	346	+	345	=	691	115		0		No
12:30 - 13:30	343	+	345	=	688	105		0		No

Time	Major EB	+	Major WB	=	Total	Minor NB		Minor SB		Met1B?
16:30 - 17:30	462	+	659	=	1121	169		0		Yes
14:30 - 15:30	486	+	522	=	1008	361		0		Yes
15:30 - 16:30	426	+	566	=	992	152		0		Yes
17:30 - 18:30	379	+	543	=	922	125		0		Yes
06:30 - 07:30	391	+	497	=	888	128		0		Yes
07:30 - 08:30	412	+	450	=	862	211		0		Yes
13:30 - 14:30	348	+	417	=	765	194		0		Yes
13:15 - 14:15	329	+	381	=	710	110		0		No
12:15 - 13:15	346	+	345	=	691	115		0		No
13:00 - 14:00	326	+	362	=	688	125		0		No
12:30 - 13:30	343	+	345	=	688	105		0		No
10:30 - 11:30	285	+	386	=	671	75		0		No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2518

Study Date : 03/31/2025

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.

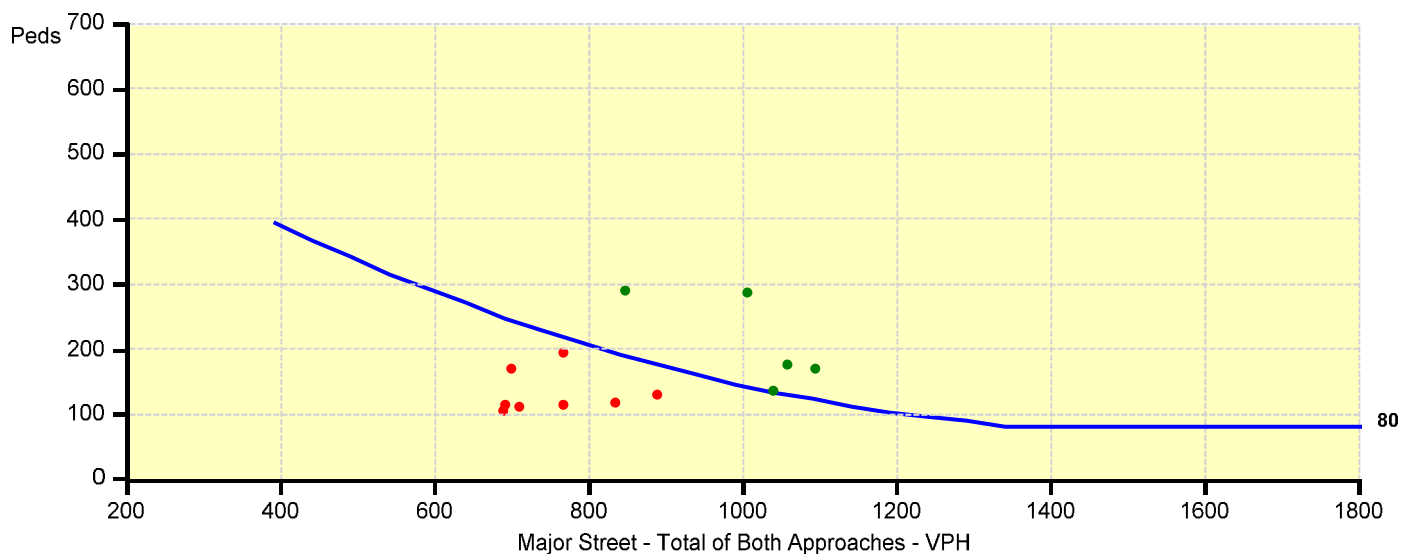
Summary

5 one hour periods meet minimums.
Warrant IS met.

Site Data Required

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

Major Road						Minor Road		
CSAH 11						Raven St		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
16:45 - 17:45	442	+	652	=	1094	169	0	Yes
06:45 - 07:45	471	+	587	=	1058	177	0	Yes
15:45 - 16:45	426	+	614	=	1040	135	0	Yes
14:45 - 15:45	489	+	517	=	1006	287	0	Yes
13:45 - 14:45	379	+	468	=	847	291	0	Yes
06:30 - 07:30	391	+	497	=	888	128	0	No
17:45 - 18:45	365	+	469	=	834	118	0	No
18:00 - 19:00	335	+	432	=	767	113	0	No
13:30 - 14:30	348	+	417	=	765	194	0	No
13:15 - 14:15	329	+	381	=	710	110	0	No
07:45 - 08:45	323	+	375	=	698	171	0	No
12:15 - 13:15	346	+	345	=	691	115	0	No



TRAFFIC SIGNAL WARRANT ANALYSIS

Study Date : 03/31/2025

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

The scatter plot displays the relationship between the total volume of traffic on a major street (VPH) and the number of pedestrians (Peds). The X-axis represents 'Major Street - Total of Both Approaches - VPH' ranging from 200 to 1800. The Y-axis represents 'Peds' ranging from 0 to 700. A blue trend line indicates a negative correlation. Data points are colored green and red, clustered around 1000 VPH.

Major Street - Total of Both Approaches - VPH	Peds	Color
930	350	Green
1000	350	Green
1000	280	Green
1010	280	Green
1020	270	Green
1030	240	Red
1040	130	Red
1050	170	Red
1060	170	Red
1070	150	Red
1080	160	Red
1090	130	Red
1100	210	Red
1110	160	Red
1120	170	Red