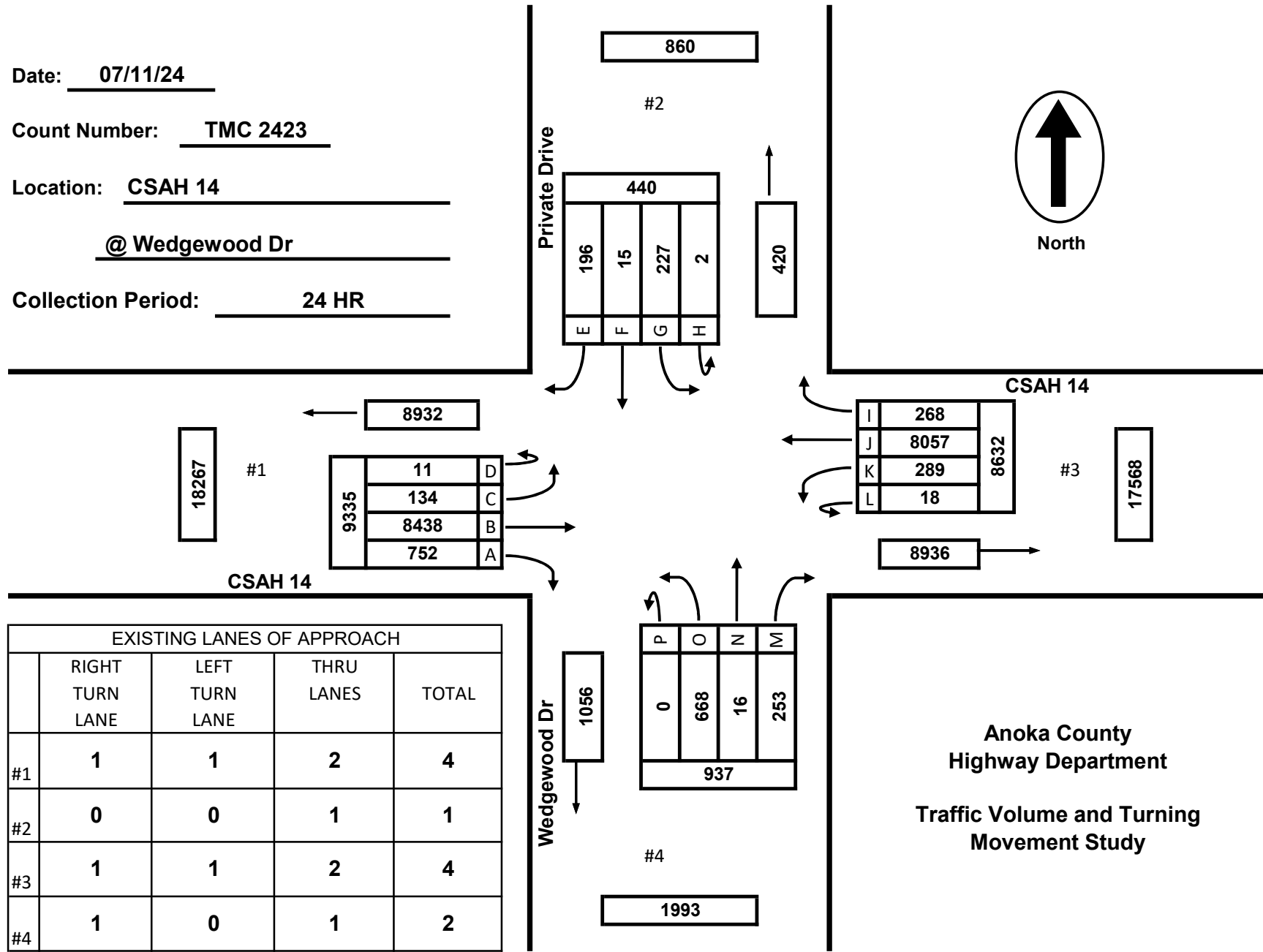
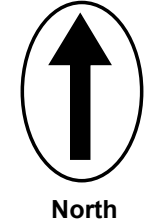


Date: 07/11/24

Count Number: TMC 2423

Location: CSAH 14  
@ Wedgewood Dr

Collection Period: 24 HR



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

Anoka County  
 Highway Department  
 Traffic Volume and Turning  
 Movement Study

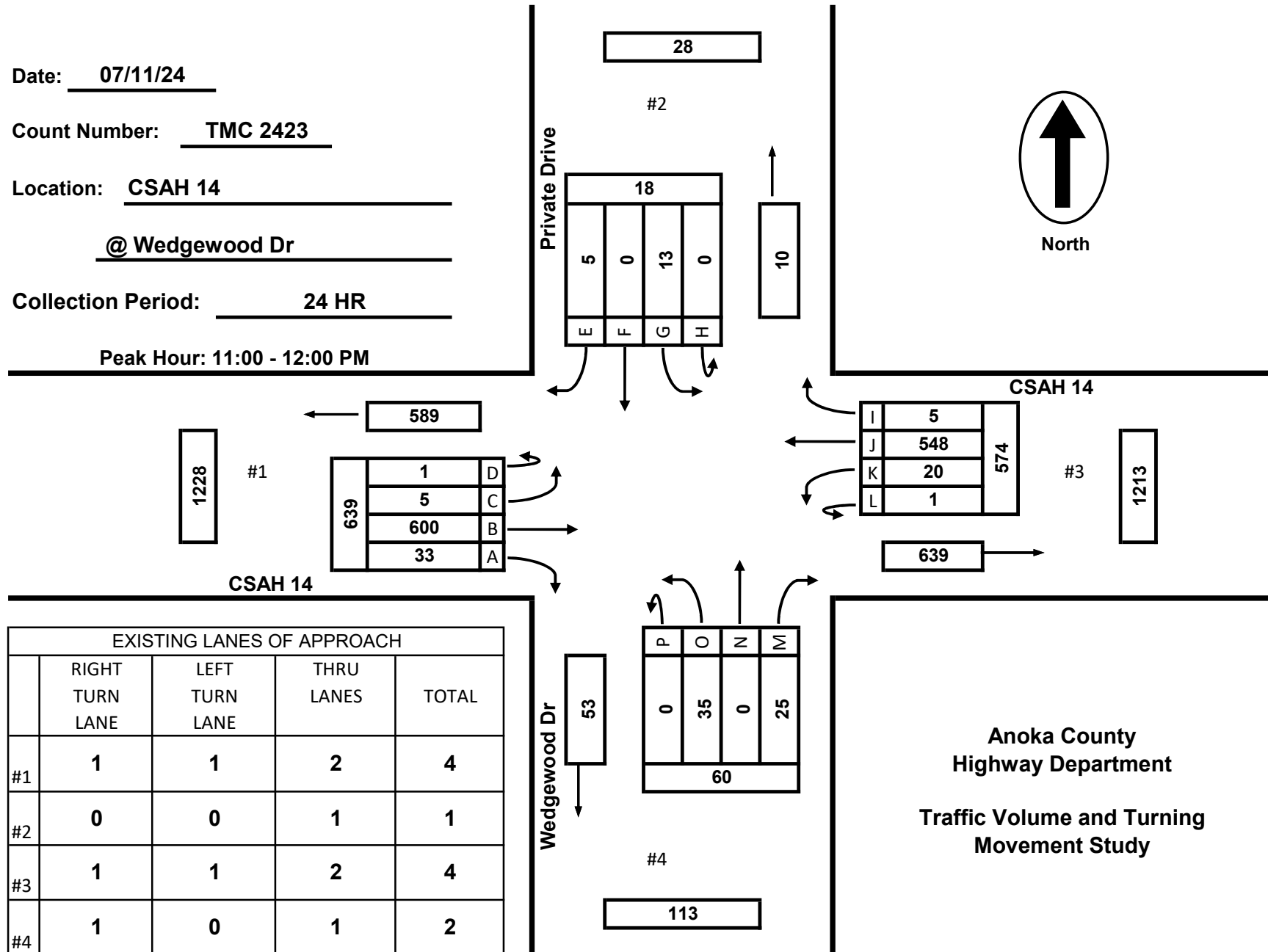
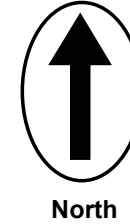
Date: 07/11/24

Count Number: TMC 2423

Location: CSAH 14  
@ Wedgewood Dr

Collection Period: 24 HR

Peak Hour: 11:00 - 12:00 PM



Anoka County  
 Highway Department  
 Traffic Volume and Turning  
 Movement Study

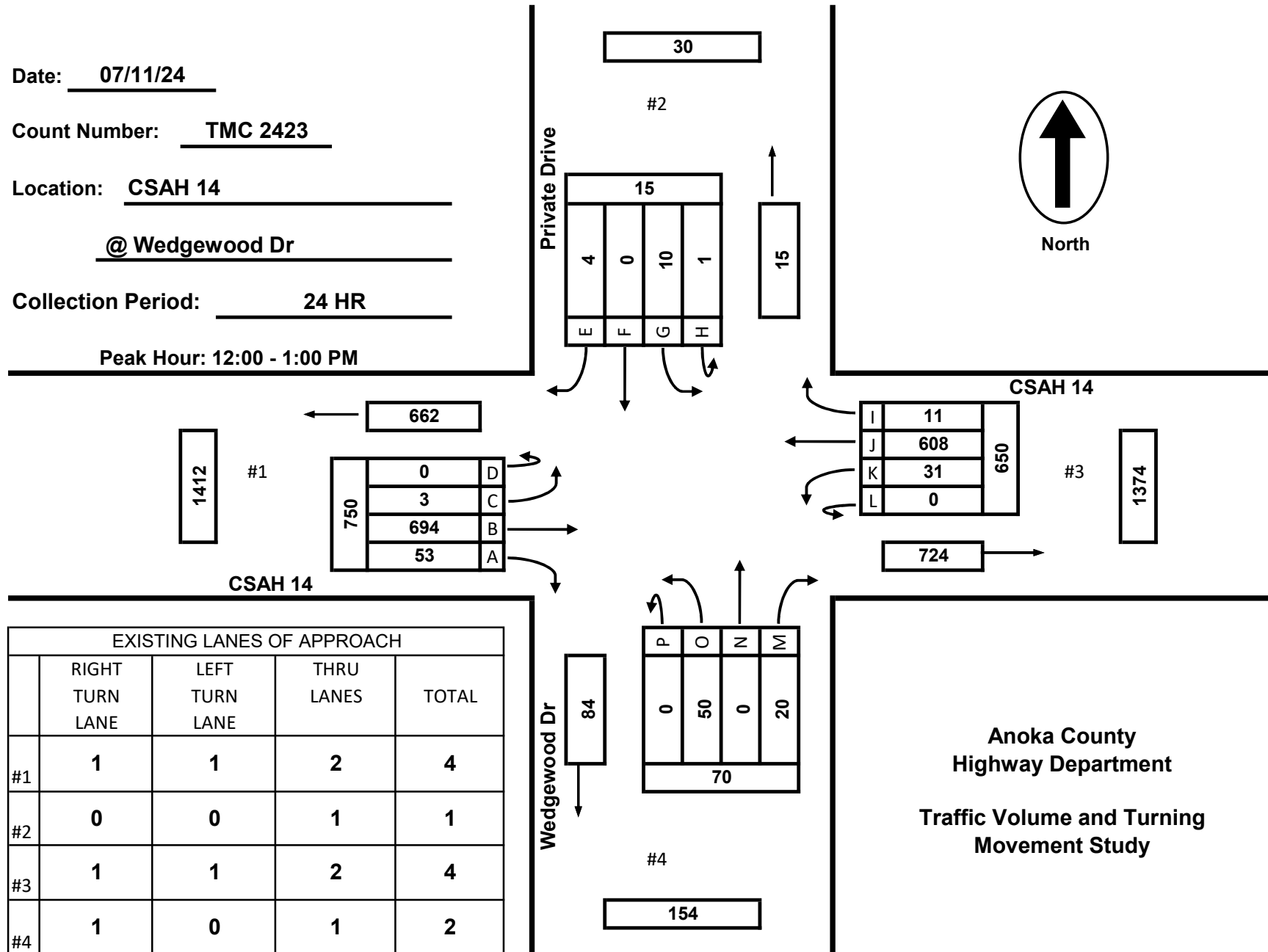
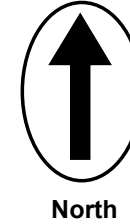
Date: 07/11/24

Count Number: TMC 2423

Location: CSAH 14  
@ Wedgewood Dr

Collection Period: 24 HR

Peak Hour: 12:00 - 1:00 PM



Anoka County  
 Highway Department  
 Traffic Volume and Turning  
 Movement Study

**TMC 2423 - CSAH 14 @ Wedgewood Dr**  
**Anoka MN**  
**Thursday, July 11, 2024**

Time	Southbound Wedgewood Dr						Westbound CSAH 14						Northbound Wedgewood Dr						Eastbound CSAH 14						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	2	1	0	0	3	0	0	12	0	0	12	0	2	0	0	0	2	0	0	13	2	0	15	32
12:15 AM	0	0	0	0	0	0	0	1	9	0	0	10	0	2	0	0	0	2	0	0	4	1	0	5	17
12:30 AM	0	0	0	0	0	0	0	1	8	0	0	9	0	0	0	0	0	0	0	0	15	2	0	17	26
12:45 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	7	2	0	9	12
Hourly Total	0	2	1	0	0	3	0	2	32	0	0	34	0	4	0	0	0	4	0	0	39	7	0	46	87
1:00 AM	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	1	0	1	0	0	15	1	0	16	25
1:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	11	2	0	13	16
1:30 AM	0	0	0	0	0	0	0	1	4	0	0	5	0	1	0	0	0	1	0	0	6	5	0	11	17
1:45 AM	0	0	0	0	0	0	0	0	4	1	0	5	0	1	0	0	1	1	0	0	5	0	0	5	11
Hourly Total	0	0	0	0	0	0	0	1	19	1	0	21	0	2	0	1	1	3	0	0	37	8	0	45	69
2:00 AM	0	0	0	1	0	1	0	1	8	0	0	9	0	1	0	0	0	1	0	0	1	0	0	1	12
2:15 AM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	1	0	1	0	0	9	2	0	11	18
2:30 AM	0	0	0	0	0	0	0	0	6	0	0	6	0	1	0	0	0	1	0	0	3	1	0	4	11
2:45 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	5	1	0	6	9
Hourly Total	0	0	0	1	0	1	0	1	23	0	0	24	0	2	0	1	0	3	0	0	18	4	0	22	50
3:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	1	0	3	0	1	10	3	0	14	19
3:15 AM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	2	0	0	2	8
3:30 AM	0	0	0	0	0	0	0	0	10	1	0	11	0	2	0	1	0	3	0	0	2	1	0	3	17
3:45 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	4	0	0	0	4	0	0	3	2	0	5	14
Hourly Total	0	0	0	0	0	0	0	0	23	1	0	24	0	8	0	2	0	10	0	1	17	6	0	24	58
4:00 AM	0	0	0	0	0	0	0	0	10	1	0	11	0	2	0	0	0	2	0	0	9	0	0	9	22
4:15 AM	0	1	0	0	0	1	0	0	9	1	0	10	0	0	0	1	0	1	0	1	7	0	0	8	20
4:30 AM	0	0	0	0	0	0	0	0	16	4	0	20	0	4	0	2	1	6	0	0	11	0	0	11	37
4:45 AM	0	0	0	0	0	0	0	0	14	3	0	17	0	3	1	0	0	4	0	0	12	5	0	17	38
Hourly Total	0	1	0	0	0	1	0	0	49	9	0	58	0	9	1	3	1	13	0	1	39	5	0	45	117
5:00 AM	0	0	0	0	0	0	0	0	13	4	0	17	0	4	0	2	0	6	0	3	19	0	0	22	45
5:15 AM	0	0	0	0	0	0	0	1	43	12	0	56	0	8	0	0	0	8	0	6	23	1	0	30	94
5:30 AM	0	1	1	1	0	3	0	0	34	13	0	47	0	10	1	1	0	12	0	4	22	1	0	27	89
5:45 AM	0	1	0	2	0	3	0	0	45	13	0	58	0	14	0	2	0	16	0	4	29	4	0	37	114
Hourly Total	0	2	1	3	0	6	0	1	135	42	0	178	0	36	1	5	0	42	0	17	93	6	0	116	342
6:00 AM	0	18	1	14	1	33	0	1	45	12	0	58	0	6	1	1	1	8	0	4	41	2	1	47	146
6:15 AM	0	5	1	3	0	9	0	2	58	19	0	79	0	18	3	1	0	22	0	8	54	3	0	65	175
6:30 AM	0	2	0	1	0	3	1	0	91	29	0	121	0	11	3	2	0	16	0	11	54	9	0	74	214
6:45 AM	0	0	0	0	0	0	0	1	99	11	0	111	0	12	0	4	2	16	0	8	59	5	0	72	199
Hourly Total	0	25	2	18	1	45	1	4	293	71	0	369	0	47	7	8	3	62	0	31	208	19	1	258	734
7:00 AM	0	35	2	32	0	69	0	0	77	4	0	81	0	17	0	1	4	18	0	0	66	4	0	70	238
7:15 AM	0	11	0	5	0	16	0	0	76	5	0	81	0	15	1	3	0	19	0	3	49	16	0	68	184
7:30 AM	0	1	1	2	0	4	0	0	97	3	0	100	0	10	0	0	2	10	0	1	89	5	0	95	209
7:45 AM	0	3	0	3	0	6	0	1	136	4	0	141	0	23	0	2	1	25	0	3	82	8	0	93	265
Hourly Total	0	50	3	42	0	95	0	1	386	16	0	403	0	65	1	6	7	72	0	7	286	33	0	326	896

**TMC 2423 - CSAH 14 @ Wedgewood Dr  
Anoka MN  
Thursday, July 11, 2024**

Time	Southbound Wedgewood Dr						Westbound CSAH 14						Northbound Wedgewood Dr						Eastbound CSAH 14						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	1	0	1	0	1	102	3	0	106	0	10	0	3	0	13	0	3	76	5	0	84	204
8:15 AM	0	0	0	2	0	2	0	1	101	1	0	103	0	8	0	13	2	21	0	1	76	9	0	86	212
8:30 AM	0	3	0	3	0	6	0	4	89	3	0	96	0	13	0	3	0	16	0	0	91	11	0	102	220
8:45 AM	0	0	0	1	0	1	0	2	111	2	0	115	0	13	0	1	6	14	0	1	106	8	0	115	245
Hourly Total	0	3	0	7	0	10	0	8	403	9	0	420	0	44	0	20	8	64	0	5	349	33	0	387	881
9:00 AM	0	2	0	1	0	3	0	4	98	0	3	102	0	10	1	6	0	17	0	3	108	4	0	115	237
9:15 AM	0	2	0	1	0	3	0	4	98	0	3	102	0	9	0	5	0	14	0	0	100	10	0	110	229
9:30 AM	0	2	0	0	0	2	0	5	114	1	0	120	0	12	0	4	0	16	0	2	108	11	0	121	259
9:45 AM	0	0	0	0	0	0	0	4	114	1	0	119	0	6	0	6	0	12	0	2	124	6	0	132	263
Hourly Total	0	6	0	2	0	8	0	17	424	2	6	443	0	37	1	21	0	59	0	7	440	31	0	478	988
10:00 AM	0	5	0	1	0	6	0	5	111	3	0	119	0	8	0	5	1	13	1	1	108	14	0	124	262
10:15 AM	0	4	0	2	0	6	0	7	127	1	0	135	0	6	0	3	2	9	0	2	98	11	0	111	261
10:30 AM	0	2	0	1	0	3	1	3	129	4	0	137	0	6	0	5	0	11	0	0	143	11	0	154	305
10:45 AM	0	1	0	1	0	2	1	5	137	1	0	144	0	9	0	6	2	15	0	0	117	11	0	128	289
Hourly Total	0	12	0	5	0	17	2	20	504	9	0	535	0	29	0	19	5	48	1	3	466	47	0	517	1117
11:00 AM	0	3	0	0	0	3	1	5	134	3	0	143	0	10	0	4	0	14	0	1	144	11	0	156	316
11:15 AM	0	2	0	2	0	4	0	5	144	0	0	149	0	11	0	8	1	19	0	0	144	5	0	149	321
11:30 AM	0	3	0	2	0	5	0	1	118	1	0	120	0	7	0	3	2	10	0	1	164	5	0	170	305
11:45 AM	0	5	0	1	0	6	0	9	152	1	0	162	0	7	0	10	0	17	1	3	148	12	0	164	349
Hourly Total	0	13	0	5	0	18	1	20	548	5	0	574	0	35	0	25	3	60	1	5	600	33	0	639	1291
12:00 PM	1	6	0	2	0	9	0	6	141	3	0	150	0	13	0	7	0	20	0	0	175	9	0	184	363
12:15 PM	0	2	0	0	0	2	0	7	165	1	0	173	0	13	0	7	2	20	0	0	157	15	0	172	367
12:30 PM	0	1	0	2	0	3	0	14	158	5	0	177	0	11	0	4	1	15	0	1	178	16	0	195	390
12:45 PM	0	1	0	0	1	1	0	4	144	2	1	150	0	13	0	2	2	15	0	2	184	13	0	199	365
Hourly Total	1	10	0	4	1	15	0	31	608	11	1	650	0	50	0	20	5	70	0	3	694	53	0	750	1485
1:00 PM	0	4	0	0	0	4	0	8	136	2	0	146	0	6	0	8	2	14	2	0	182	10	0	194	358
1:15 PM	0	2	0	0	0	2	0	4	129	0	0	133	0	15	0	7	1	22	0	1	135	15	0	151	308
1:30 PM	0	1	0	4	0	5	0	7	144	2	0	153	0	10	0	4	1	14	1	1	160	8	0	170	342
1:45 PM	0	1	0	2	0	3	0	7	138	0	0	145	0	15	0	7	0	22	0	0	151	9	0	160	330
Hourly Total	0	8	0	6	0	14	0	26	547	4	0	577	0	46	0	26	4	72	3	2	628	42	0	675	1338
2:00 PM	0	3	1	3	0	7	0	7	153	0	0	160	0	7	0	9	0	16	1	1	147	7	0	156	339
2:15 PM	1	2	1	2	0	6	0	6	151	1	0	158	0	10	0	3	2	13	0	4	139	14	0	157	334
2:30 PM	0	0	0	4	0	4	0	4	146	1	0	151	0	15	0	2	0	17	0	0	135	15	0	150	322
2:45 PM	0	3	0	0	0	3	1	1	145	1	0	148	0	10	0	7	1	17	0	1	138	18	0	157	325
Hourly Total	1	8	2	9	0	20	1	18	595	3	0	617	0	42	0	21	3	63	1	6	559	54	0	620	1320
3:00 PM	0	6	1	4	0	11	0	1	128	2	0	131	0	14	0	3	2	17	0	0	194	8	0	202	361
3:15 PM	0	4	0	6	0	10	0	2	138	0	0	140	0	8	0	5	2	13	1	1	167	13	0	182	345
3:30 PM	0	4	1	6	0	11	1	10	141	1	0	153	0	11	0	1	2	12	1	1	187	23	0	212	388
3:45 PM	0	2	1	2	0	5	0	7	152	0	0	159	0	12	0	5	0	17	0	0	152	17	0	169	350
Hourly Total	0	16	3	18	0	37	1	20	559	3	0	583	0	45	0	14	6	59	2	2	700	61	0	765	1444

**TMC 2423 - CSAH 14 @ Wedgewood Dr  
Anoka MN  
Thursday, July 11, 2024**

Time	Southbound Wedgewood Dr						Westbound CSAH 14						Northbound Wedgewood Dr						Eastbound CSAH 14						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	3	0	4	0	7	3	3	129	0	0	135	0	13	0	1	0	14	0	0	179	13	0	192	348
4:15 PM	0	0	0	1	0	1	0	5	158	1	0	164	0	9	0	4	0	13	0	0	170	21	0	191	369
4:30 PM	0	0	0	2	0	2	1	9	159	0	0	169	0	16	0	5	1	21	0	0	160	19	0	179	371
4:45 PM	0	1	0	0	0	1	0	4	151	3	0	158	0	8	0	6	2	14	0	1	180	18	0	199	372
Hourly Total	0	4	0	7	0	11	4	21	597	4	0	626	0	46	0	16	3	62	0	1	689	71	0	761	1460
5:00 PM	0	3	1	2	0	6	1	8	134	3	0	146	0	8	0	3	2	11	0	2	148	13	0	163	326
5:15 PM	0	0	0	1	0	1	0	5	156	6	0	167	0	12	0	8	0	20	0	5	165	18	0	188	376
5:30 PM	0	3	0	1	0	4	0	7	150	13	0	170	0	11	0	9	0	20	0	3	127	18	0	148	342
5:45 PM	0	1	0	1	0	2	1	6	164	7	0	178	0	4	0	2	1	6	0	9	165	10	0	184	370
Hourly Total	0	7	1	5	0	13	2	26	604	29	0	661	0	35	0	22	3	57	0	19	605	59	0	683	1414
6:00 PM	0	15	0	12	0	27	0	0	138	5	0	143	0	7	0	0	2	7	0	0	148	13	0	161	338
6:15 PM	0	8	0	6	0	14	0	11	115	10	0	136	0	5	1	3	0	9	0	3	144	14	0	161	320
6:30 PM	0	2	0	1	0	3	0	7	122	21	0	150	0	8	0	1	2	9	0	12	133	10	0	155	317
6:45 PM	0	0	0	0	0	0	0	3	142	5	0	150	0	4	2	0	0	6	0	7	127	10	0	144	300
Hourly Total	0	25	0	19	0	44	0	21	517	41	0	579	0	24	3	4	4	31	0	22	552	47	0	621	1275
7:00 PM	0	23	1	25	0	49	0	4	113	1	0	118	0	6	0	4	1	10	0	0	124	12	0	136	313
7:15 PM	0	7	0	14	0	21	0	9	96	0	0	105	0	2	0	1	0	3	0	1	114	6	1	121	250
7:30 PM	0	2	0	1	0	3	0	2	98	0	0	100	0	2	0	1	0	3	0	0	117	10	0	127	233
7:45 PM	0	0	1	0	0	1	0	5	97	2	0	104	0	7	0	2	2	9	0	0	113	10	0	123	237
Hourly Total	0	32	2	40	0	74	0	20	404	3	0	427	0	17	0	8	3	25	0	1	468	38	1	507	1033
8:00 PM	0	0	0	1	0	1	0	7	106	0	0	113	0	3	1	0	0	4	0	0	105	4	0	109	227
8:15 PM	0	1	0	0	0	1	0	3	89	0	0	92	0	2	0	0	0	2	0	0	89	8	0	97	192
8:30 PM	0	1	0	0	0	1	0	3	81	1	0	85	0	1	1	0	0	2	0	0	101	8	0	109	197
8:45 PM	0	0	0	0	0	0	0	2	79	2	0	83	0	3	0	1	1	4	0	0	97	7	0	104	191
Hourly Total	0	2	0	1	0	3	0	15	355	3	0	373	0	9	2	1	1	12	0	0	392	27	0	419	807
9:00 PM	0	0	0	0	0	0	1	3	76	0	0	80	0	6	0	5	0	11	0	0	72	7	0	79	170
9:15 PM	0	0	0	0	0	0	1	3	64	0	0	68	0	2	0	2	3	4	0	0	62	8	0	70	142
9:30 PM	0	0	0	0	0	0	0	3	61	0	0	64	0	3	0	1	0	4	0	0	66	10	0	76	144
9:45 PM	0	1	0	0	0	1	0	2	45	1	0	48	0	5	0	0	0	5	0	0	35	6	0	41	95
Hourly Total	0	1	0	0	0	1	2	11	246	1	0	260	0	16	0	8	3	24	0	0	235	31	0	266	551
10:00 PM	0	0	0	0	0	0	0	0	38	0	0	38	0	1	0	0	0	1	1	0	43	3	0	47	86
10:15 PM	0	0	0	2	0	2	1	0	31	0	0	32	0	2	0	0	1	2	1	0	50	6	0	57	93
10:30 PM	0	0	0	0	0	0	0	2	40	0	0	42	0	5	0	1	0	6	0	0	51	6	0	57	105
10:45 PM	0	0	0	0	0	0	0	2	22	0	0	24	0	5	0	0	0	5	0	0	44	5	0	49	78
Hourly Total	0	0	0	2	0	2	1	4	131	0	0	136	0	13	0	1	1	14	2	0	188	20	0	210	362
11:00 PM	0	0	0	1	0	1	1	0	22	0	0	23	0	2	0	0	0	2	0	0	51	7	0	58	84
11:15 PM	0	0	0	0	0	0	0	0	17	0	0	17	0	1	0	0	0	1	1	0	27	2	0	30	48
11:30 PM	0	0	0	1	0	1	0	0	13	1	0	14	0	3	0	0	0	3	0	0	39	2	0	41	59
11:45 PM	0	0	0	0	0	0	2	1	3	0	0	6	0	1	0	1	0	2	0	1	19	6	0	26	34
Hourly Total	0	0	0	2	0	2	3	1	55	1	0	60	0	7	0	1	0	8	1	1	136	17	0	155	225
<b>DAILY TOTAL</b>	<b>2</b>	<b>227</b>	<b>15</b>	<b>196</b>	<b>2</b>	<b>440</b>	<b>18</b>	<b>289</b>	<b>8057</b>	<b>268</b>	<b>7</b>	<b>8632</b>	<b>0</b>	<b>668</b>	<b>16</b>	<b>253</b>	<b>64</b>	<b>937</b>	<b>11</b>	<b>134</b>	<b>8438</b>	<b>752</b>	<b>2</b>	<b>9335</b>	<b>19344</b>
<b>Cars</b>	<b>2</b>	<b>190</b>	<b>15</b>	<b>174</b>	<b>2</b>	<b>381</b>	<b>17</b>	<b>285</b>	<b>7959</b>	<b>230</b>	<b>6</b>	<b>8491</b>	<b>0</b>	<b>632</b>	<b>16</b>	<b>251</b>	<b>23</b>	<b>899</b>	<b>11</b>	<b>117</b>	<b>8347</b>	<b>715</b>	<b>2</b>	<b>9190</b>	<b>18861</b>
<b>Heavy Vehicles</b>	<b>0</b>	<b>37</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>59</b>	<b>1</b>	<b>4</b>	<b>98</b>	<b>38</b>	<b>1</b>	<b>141</b>	<b>0</b>	<b>36</b>	<b>0</b>	<b>2</b>	<b>41</b>	<b>38</b>	<b>0</b>	<b>17</b>	<b>91</b>	<b>37</b>	<b>0</b>	<b>145</b>	<b>383</b>
<b>Heavy Vehicle %</b>	<b>0.00%</b>	<b>16.30%</b>	<b>0.00%</b>	<b>11.22%</b>	<b>0.00%</b>	<b>13.41%</b>	<b>5.56%</b>	<b>1.38%</b>	<b>1.22%</b>	<b>14.18%</b>	<b>14.29%</b>	<b>1.63%</b>	<b>0.00%</b>	<b>5.39%</b>	<b>0.00%</b>	<b>0.79%</b>	<b>64.06%</b>	<b>4.06%</b>	<b>0.00%</b>	<b>12.69%</b>	<b>1.08%</b>	<b>4.92%</b>	<b>0.00%</b>	<b>1.55%</b>	<b>1.98%</b>

**TMC 2423 - CSAH 14 @ Wedgewood Dr**  
**Anoka MN**  
**Thursday, July 11, 2024**  
**AM Peak Hour**

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	
11:00 AM	0	3	0	0	0	3	1	5	134	3	0	143	0	10	0	4	0	14	0	1	144	11	0	156	316
11:15 AM	0	2	0	2	0	4	0	5	144	0	0	149	0	11	0	8	1	19	0	0	144	5	0	149	321
11:30 AM	0	3	0	2	0	5	0	1	118	1	0	120	0	7	0	3	2	10	0	1	164	5	0	170	305
11:45 AM	0	5	0	1	0	6	0	9	152	1	0	162	0	7	0	10	0	17	1	3	148	12	0	164	349
Peak Hour Total	0	13	0	5	0	18	1	20	548	5	0	574	0	35	0	25	3	60	1	5	600	33	0	639	1291
PHF	0.000	0.650	0.000	0.625	0.000	0.750	0.250	0.556	0.901	0.417	0.000	0.886	0.000	0.795	0.000	0.625	0.375	0.789	0.250	0.417	0.915	0.688	0.000	0.940	0.925

**PM Peak Hour**

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	
12:00 PM	1	6	0	2	0	9	0	6	141	3	0	150	0	13	0	7	0	20	0	0	175	9	0	184	363
12:15 PM	0	2	0	0	0	2	0	7	165	1	0	173	0	13	0	7	2	20	0	0	157	15	0	172	367
12:30 PM	0	1	0	2	0	3	0	14	158	5	0	177	0	11	0	4	1	15	0	1	178	16	0	195	390
12:45 PM	0	1	0	0	1	1	0	4	144	2	1	150	0	13	0	2	2	15	0	2	184	13	0	199	365
Peak Hour Total	1	10	0	4	1	15	0	31	608	11	1	650	0	50	0	20	5	70	0	3	694	53	0	750	1485
PHF	0.250	0.417	0.000	0.500	0.250	0.417	0.000	0.554	0.921	0.550	0.250	0.918	0.000	0.962	0.000	0.714	0.625	0.875	0.000	0.375	0.943	0.828	0.000	0.942	0.952

Total Vehicles On Leg				860			
Vehicles Entering Intersection				440			
Vehicles Exiting Intersection				420			
<b>Southbound</b>							
Cars	174	15	190	2	2	2	
Heavy	22	0	37	0	0	0	
<b>Total</b>	<b>196</b>	<b>15</b>	<b>227</b>	<b>2</b>	<b>2</b>	<b>2</b>	



Total Vehicles on Leg 18267	Eastbound	Vehicles Entering Intersection 9335	Cars	Heavy	Total	
			2	0	2	
			11	0	11	
		Vehicles Exiting Intersection 8932	117	17	134	
			8347	91	8438	
		715	37	752		

Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection 8632	Total Vehicles on Leg 17568
230	38	268			
7959	98	8057			
285	4	289			
17	1	18			
6	1	7		Vehicles Exiting Intersection 8936	

Cars	23	0	632	16	251
Heavy	41	0	36	0	2
<b>Total</b>	<b>64</b>	<b>0</b>	<b>668</b>	<b>16</b>	<b>253</b>
<b>Northbound</b>					
Vehicles Entering Intersection 937			Vehicles Exiting Intersection 1056		
Total Vehicles On Leg			1993		





# ANOKA COUNTY HIGHWAY

## PC - WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 07/16/2024

## Signal Warrants - Summary

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### Major Street Approaches

**Eastbound: CSAH 14**

Number of Lanes : 2+

Total Approach Volume: 9,335

**Westbound: CSAH 14**

Number of Lanes :2+

Total Approach Volume: 8,632

### Minor Street Approaches

**Northbound: Wedgewood Dr**

Number of Lanes :1

Total Approach Volume: 684

**Southbound: Wedgewood Dr**

Number of Lanes :1

Total Approach Volume: 440

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### 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 11 hours, 8 are needed

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

Number of hours (2) 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:

Study Date : 07/16/2024

## 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	
12:15 - 13:15	760	+	646	=	1406	43	10	No
12:00 - 13:00	750	+	650	=	1400	50	15	No
16:00 - 17:00	761	+	626	=	1387	46	11	No
11:45 - 12:45	715	+	662	=	1377	44	20	No
15:30 - 16:30	764	+	611	=	1375	45	24	No
16:15 - 17:15	732	+	637	=	1369	41	10	No
16:30 - 17:30	729	+	640	=	1369	44	10	No
15:45 - 16:45	731	+	627	=	1358	50	15	No
15:00 - 16:00	765	+	583	=	1348	45	37	No
12:30 - 13:30	739	+	606	=	1345	45	10	No
17:00 - 18:00	683	+	661	=	1344	35	13	No
15:15 - 16:15	755	+	587	=	1342	44	33	No
16:45 - 17:45	698	+	641	=	1339	39	12	No
17:15 - 18:15	681	+	658	=	1339	34	34	No
14:45 - 15:45	753	+	572	=	1325	43	35	No
12:45 - 13:45	714	+	582	=	1296	44	12	No
11:30 - 12:30	690	+	605	=	1295	40	22	No
17:30 - 18:30	654	+	627	=	1281	28	47	No
17:45 - 18:45	661	+	607	=	1268	25	46	No
14:30 - 15:30	691	+	570	=	1261	47	28	No
13:30 - 14:30	643	+	616	=	1259	42	21	No
14:15 - 15:15	666	+	588	=	1254	49	24	No
13:00 - 14:00	675	+	577	=	1252	46	14	No
11:15 - 12:15	667	+	581	=	1248	38	24	No
13:45 - 14:45	623		614		1237	47	20	No

# ANOKA COUNTY HIGHWAY

## PC - WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 07/16/2024

## 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	
18:15 - 19:15	596	+	554	=	1150	26	66	Yes
07:15 - 08:15	340	+	428	=	768	59	27	Yes
06:15 - 07:15	281	+	392	=	673	64	81	Yes
12:15 - 13:15	760	+	646	=	1406	43	10	No
12:00 - 13:00	750	+	650	=	1400	50	15	No
16:00 - 17:00	761	+	626	=	1387	46	11	No
11:45 - 12:45	715	+	662	=	1377	44	20	No
15:30 - 16:30	764	+	611	=	1375	45	24	No
16:15 - 17:15	732	+	637	=	1369	41	10	No
16:30 - 17:30	729	+	640	=	1369	44	10	No
15:45 - 16:45	731	+	627	=	1358	50	15	No
15:00 - 16:00	765	+	583	=	1348	45	37	No
12:30 - 13:30	739	+	606	=	1345	45	10	No
17:00 - 18:00	683	+	661	=	1344	35	13	No
15:15 - 16:15	755	+	587	=	1342	44	33	No
16:45 - 17:45	698	+	641	=	1339	39	12	No
17:15 - 18:15	681	+	658	=	1339	34	34	No
14:45 - 15:45	753	+	572	=	1325	43	35	No
12:45 - 13:45	714	+	582	=	1296	44	12	No
11:30 - 12:30	690	+	605	=	1295	40	22	No
17:30 - 18:30	654	+	627	=	1281	28	47	No
17:45 - 18:45	661	+	607	=	1268	25	46	No
14:30 - 15:30	691	+	570	=	1261	47	28	No
13:30 - 14:30	643	+	616	=	1259	42	21	No
14:15 - 15:15	666		588		1254	49	24	No

# ANOKA COUNTY HIGHWAY

## PC - WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 07/16/2024

## 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.  
11 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 14

#### Minor Road Wedgewood Dr

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1A?
06:30 - 07:30	284	+	394	=	678	59	88	Yes
12:15 - 13:15	760	+	646	=	1406	43	10	No
12:00 - 13:00	750	+	650	=	1400	50	15	No
16:00 - 17:00	761	+	626	=	1387	46	11	No
11:45 - 12:45	715	+	662	=	1377	44	20	No
15:30 - 16:30	764	+	611	=	1375	45	24	No
16:30 - 17:30	729	+	640	=	1369	44	10	No
16:15 - 17:15	732	+	637	=	1369	41	10	No
15:45 - 16:45	731	+	627	=	1358	50	15	No
15:00 - 16:00	765	+	583	=	1348	45	37	No
12:30 - 13:30	739	+	606	=	1345	45	10	No
17:00 - 18:00	683	+	661	=	1344	35	13	No

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?
11:45 - 12:45	715	+	662	=	1377	44	20	Yes
15:45 - 16:45	731	+	627	=	1358	50	15	Yes
14:45 - 15:45	753	+	572	=	1325	43	35	Yes
12:45 - 13:45	714	+	582	=	1296	44	12	Yes
17:30 - 18:30	654	+	627	=	1281	28	47	Yes
13:45 - 14:45	623	+	614	=	1237	47	20	Yes
18:30 - 19:30	556	+	523	=	1079	22	73	Yes
08:45 - 09:45	461	+	439	=	900	45	9	Yes
07:45 - 08:45	365	+	446	=	811	54	15	Yes
06:45 - 07:45	305	+	373	=	678	55	89	Yes
05:45 - 06:45	223	+	316	=	539	56	48	Yes
17:00 - 18:00	683	+	661	=	1344	35	13	No

# ANOKA COUNTY HIGHWAY

## PC - WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 07/16/2024

## 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.

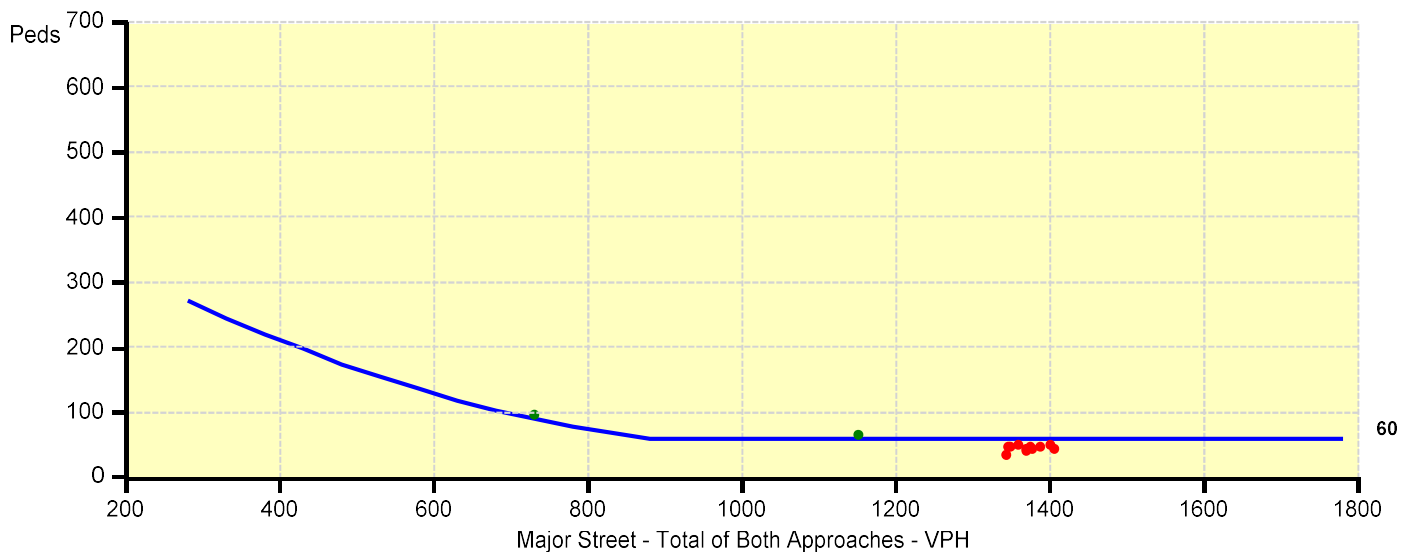
#### Summary

Only 2 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 14				Total	Minor Road Wedgewood Dr		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
18:15 - 19:15	596	+	554	=	1150	26	66	Yes
07:00 - 08:00	326	+	403	=	729	66	95	Yes
12:15 - 13:15	760	+	646	=	1406	43	10	No
12:00 - 13:00	750	+	650	=	1400	50	15	No
16:00 - 17:00	761	+	626	=	1387	46	11	No
11:45 - 12:45	715	+	662	=	1377	44	20	No
15:30 - 16:30	764	+	611	=	1375	45	24	No
16:15 - 17:15	732	+	637	=	1369	41	10	No
16:30 - 17:30	729	+	640	=	1369	44	10	No
15:45 - 16:45	731	+	627	=	1358	50	15	No
15:00 - 16:00	765	+	583	=	1348	45	37	No
12:30 - 13:30	739	+	606	=	1345	45	10	No



# ANOKA COUNTY HIGHWAY

## PC - WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 07/16/2024

## 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 14				Total	Minor Road Wedgewood Dr		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
12:15 - 13:15	760	+	646	=	1406	43	10	No
12:00 - 13:00	750	+	650	=	1400	50	15	No
16:00 - 17:00	761	+	626	=	1387	46	11	No
11:45 - 12:45	715	+	662	=	1377	44	20	No
15:30 - 16:30	764	+	611	=	1375	45	24	No
16:15 - 17:15	732	+	637	=	1369	41	10	No
16:30 - 17:30	729	+	640	=	1369	44	10	No
15:45 - 16:45	731	+	627	=	1358	50	15	No
15:00 - 16:00	765	+	583	=	1348	45	37	No
12:30 - 13:30	739	+	606	=	1345	45	10	No
17:00 - 18:00	683	+	661	=	1344	35	13	No
15:15 - 16:15	755	+	587	=	1342	44	33	No

