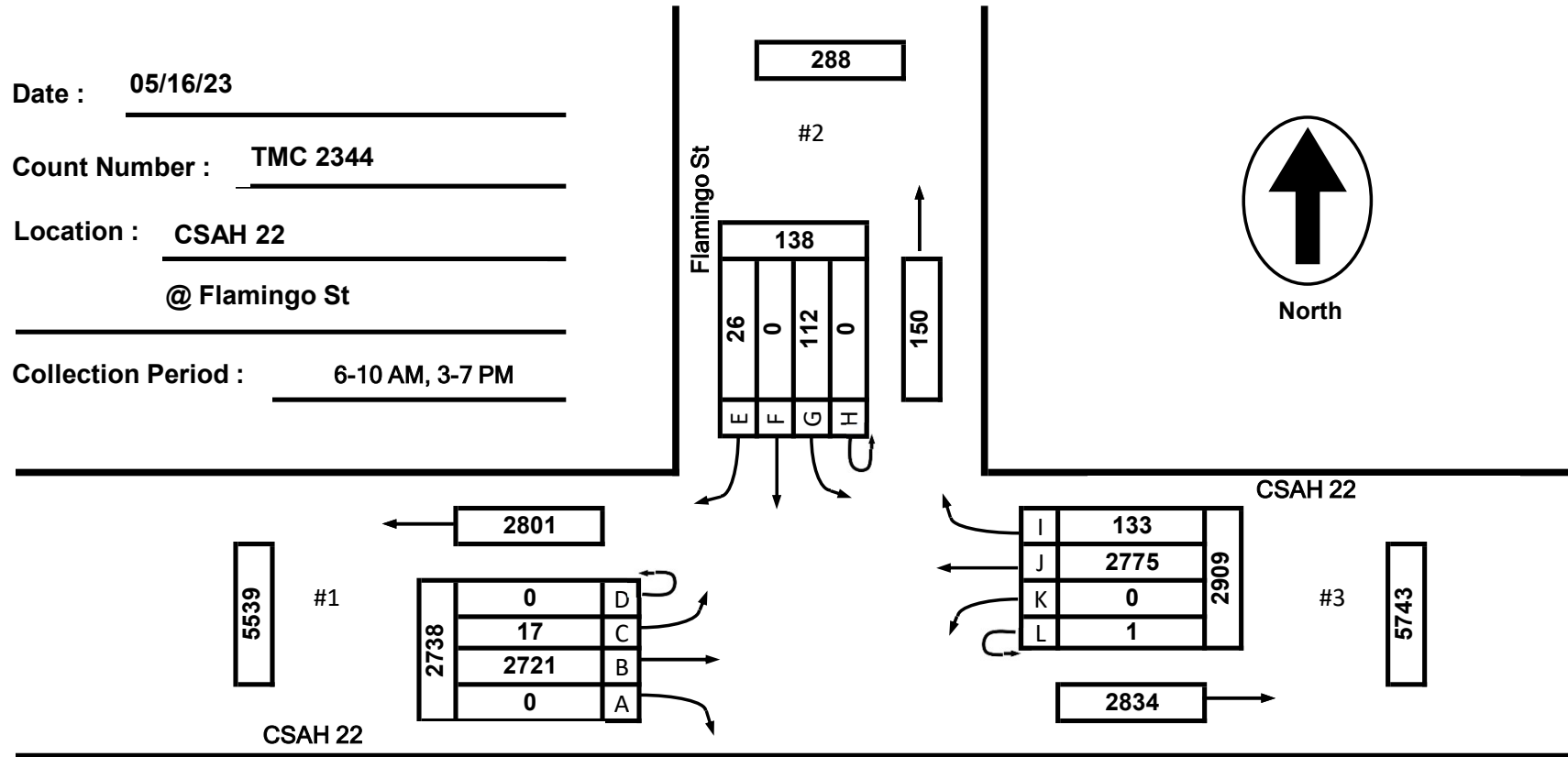


Date : 05/16/23

Count Number : TMC 2344

Location : CSAH 22  
@ Flamingo St

Collection Period : 6-10 AM, 3-7 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	0	0

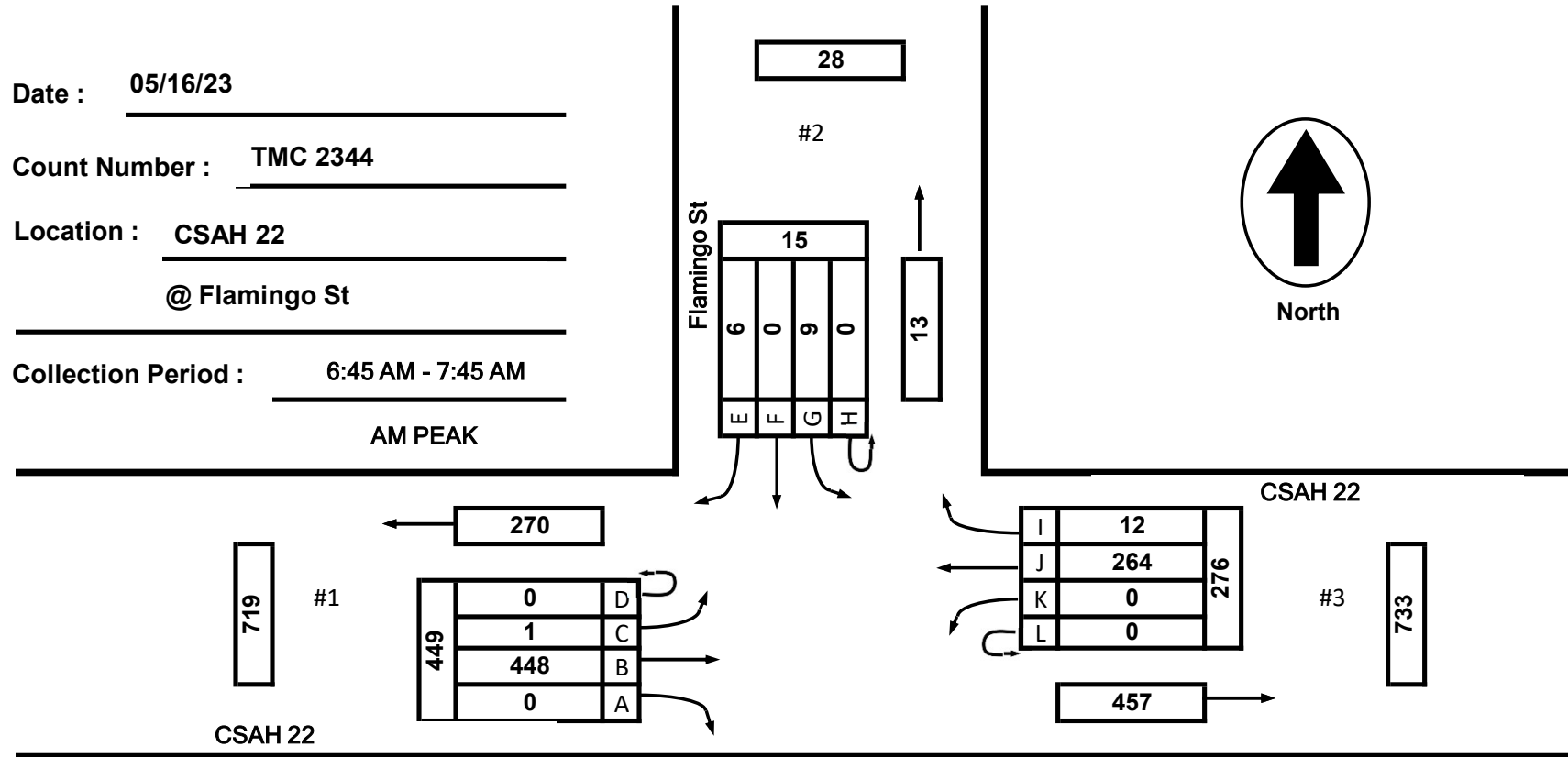
Anoka County Highway Department  
 Traffic Volume and Turning  
 Movement Study

Date : 05/16/23

Count Number : TMC 2344

Location : CSAH 22  
@ Flamingo St

Collection Period : 6:45 AM - 7:45 AM  
**AM PEAK**



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	0	0

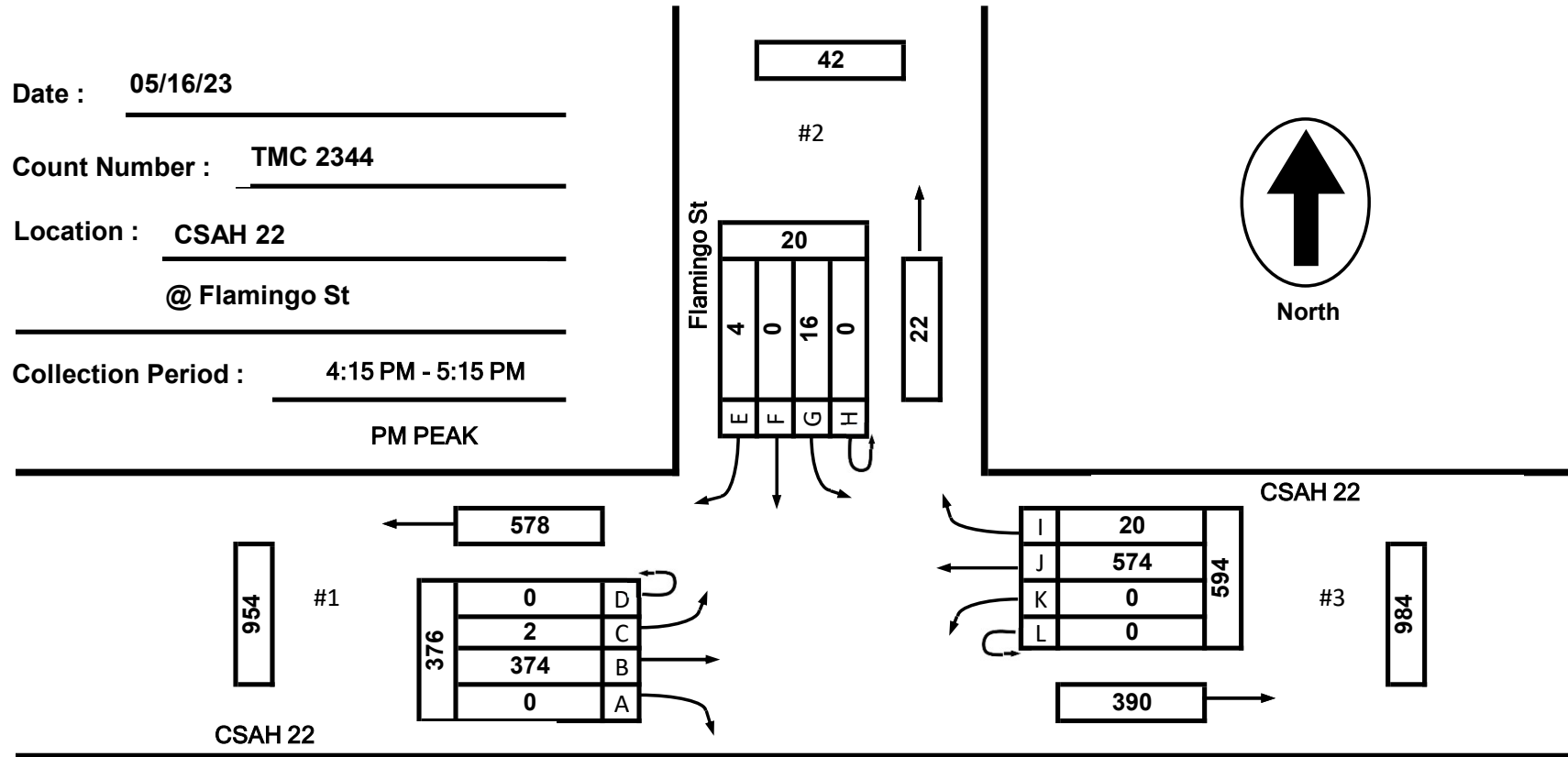
**Anoka County Highway Department**  
**Traffic Volume and Turning Movement Study**

Date : 05/16/23

Count Number : TMC 2344

Location : CSAH 22  
@ Flamingo St

Collection Period : 4:15 PM - 5:15 PM  
PM PEAK



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	0	0

Anoka County Highway Department  
 Traffic Volume and Turning  
 Movement Study

TMC 2344 - CSAH 22 @ Flamingo St

0 0

Tuesday, May 16, 2023

Time	Southbound 0						Westbound 0						Northbound 0						Eastbound 0						VEHICLE TOTAL	
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total		
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	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	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	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	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	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 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
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0
Hourly Total	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
6:00 AM	0	3	0	0	0	3	0	0	33	1	0	34	0	0	0	0	0	0	0	0	74	0	0	74	111	
6:15 AM	0	5	0	0	0	5	0	0	51	1	0	52	0	0	0	0	0	0	0	0	70	0	0	70	127	
6:30 AM	0	3	0	3	0	6	0	0	36	0	0	36	0	0	0	0	0	0	0	1	92	0	0	93	135	
6:45 AM	0	1	0	2	0	3	0	0	59	4	0	63	0	0	0	0	0	0	0	0	115	0	0	115	181	
Hourly Total	0	12	0	5	0	17	0	0	179	6	0	185	0	0	0	0	0	0	0	1	351	0	0	352	554	
7:00 AM	0	2	0	1	0	3	0	0	66	2	0	68	0	0	0	0	0	0	0	0	114	0	0	114	185	
7:15 AM	0	4	0	2	0	6	0	0	70	5	0	75	0	0	0	0	0	0	0	1	108	0	0	109	190	
7:30 AM	0	2	0	1	0	3	0	0	69	1	0	70	0	0	0	0	0	0	0	0	111	0	0	111	184	
7:45 AM	0	6	0	0	0	6	0	0	51	2	0	53	0	0	0	0	0	0	0	1	108	0	0	109	168	
Hourly Total	0	14	0	4	0	18	0	0	256	10	0	266	0	0	0	0	0	0	0	2	441	0	0	443	727	

### TMC 2344 - CSAH 22 @ Flamingo St

0 0

**Tuesday, May 16, 2023**

Time	Southbound 0						Westbound 0						Northbound 0						Eastbound 0						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	4	0	0	0	4	0	0	57	3	0	60	0	0	0	0	0	0	0	0	78	0	0	78	0	0	0	0	0	0	142
8:15 AM	0	1	0	0	0	1	0	0	41	2	0	43	0	0	0	0	0	0	0	1	65	0	0	66	0	0	0	0	0	0	110
8:30 AM	0	2	0	3	0	5	0	0	48	0	0	48	0	0	0	0	0	0	0	0	97	0	0	97	0	0	0	0	0	0	150
8:45 AM	0	5	0	1	0	6	0	0	52	2	0	54	0	0	0	0	0	0	0	0	62	0	0	62	0	0	0	0	0	0	122
Hourly Total	0	12	0	4	0	16	0	0	198	7	0	205	0	0	0	0	0	0	0	1	302	0	0	303	0	0	0	0	0	0	524
9:00 AM	0	5	0	1	0	6	1	0	71	5	0	77	0	0	0	0	0	0	0	0	61	0	0	61	0	0	0	0	0	0	144
9:15 AM	0	7	0	0	0	7	0	0	56	3	0	59	0	0	0	0	0	0	0	0	71	0	0	71	0	0	0	0	0	0	137
9:30 AM	0	2	0	1	0	3	0	0	49	2	0	51	0	0	0	0	0	0	0	0	53	0	0	53	0	0	0	0	0	0	107
9:45 AM	0	4	0	0	0	4	0	0	50	3	0	53	0	0	0	0	0	0	0	1	60	0	0	61	0	0	0	0	0	0	118
Hourly Total	0	18	0	2	0	20	1	0	226	13	0	240	0	0	0	0	0	0	0	1	245	0	0	246	0	0	0	0	0	0	506
10:00 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
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 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
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 Total	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
11:00 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
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 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
11:45 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 Total	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
12:00 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	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
12:30 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	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 Total	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
1:00 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
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	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 Total	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
2:00 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
2:15 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
2:30 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
2:45 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	0	0	0	0	0	0
Hourly Total	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
3:00 PM	0	2	0	0	0	2	0	0	98	7	0	105	0	0	0	0	0	0	0	2	76	0	0	78	0	0	0	0	0	0	185
3:15 PM	0	3	0	0	0	3	0	0	140	5	0	145	0	0	0	0	0	0	0	1	90	0	0	91	0	0	0	0	0	0	239
3:30 PM	0	3	0	0	0	3	0	0	134	6	0	140	0	0	0	0	0	0	0	2	98	0	0	100	0	0	0	0	0	0	243
3:45 PM	0	4	0	2	0	6	0	0	130	6	0	136	0	0	0	0	0	0	0	1	102	0	0	103	0	0	0	0	0	0	245
Hourly Total	0	12	0	2	0	14	0	0	502	24	0	526	0	0	0	0	0	0	0	6	366	0	0	372	0	0	0	0	0	0	912

**TMC 2344 - CSAH 22 @ Flamingo St**  
**0 0**

**Tuesday, May 16, 2023**

Time	Southbound 0						Westbound 0						Northbound 0						Eastbound 0						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	1	0	0	0	1	0	0	144	9	0	153	0	0	0	0	0	0	0	0	99	0	0	99	253
4:15 PM	0	5	0	1	0	6	0	0	137	4	0	141	0	0	0	0	0	0	0	0	80	0	0	80	227
4:30 PM	0	4	0	1	0	5	0	0	141	7	0	148	0	0	0	0	0	0	0	1	87	0	0	88	241
4:45 PM	0	6	0	2	0	8	0	0	148	4	0	152	0	0	0	0	0	0	0	0	106	0	0	106	266
Hourly Total	0	16	0	4	0	20	0	0	570	24	0	594	0	0	0	0	0	0	0	1	372	0	0	373	987
5:00 PM	0	1	0	0	0	1	0	0	148	5	0	153	0	0	0	0	0	0	0	1	101	0	0	102	256
5:15 PM	0	5	0	0	0	5	0	0	113	8	0	121	0	0	0	0	0	0	0	0	97	0	0	97	223
5:30 PM	0	6	0	1	0	7	0	0	113	6	0	119	0	0	0	0	0	0	0	0	98	0	0	98	224
5:45 PM	0	1	0	0	0	1	0	0	111	9	0	120	0	0	0	0	0	0	0	2	81	0	0	83	204
Hourly Total	0	13	0	1	0	14	0	0	485	28	0	513	0	0	0	0	0	0	0	3	377	0	0	380	907
6:00 PM	0	2	0	1	0	3	0	0	107	3	0	110	0	0	0	0	0	0	0	0	81	0	0	81	194
6:15 PM	0	6	0	2	0	8	0	0	111	8	0	119	0	0	0	0	0	0	0	2	59	0	0	61	188
6:30 PM	0	3	0	0	0	3	0	0	72	6	0	78	0	0	0	0	0	0	0	0	74	0	0	74	155
6:45 PM	0	4	0	1	0	5	0	0	69	4	0	73	0	0	0	0	0	0	0	0	53	0	0	53	131
Hourly Total	0	15	0	4	0	19	0	0	359	21	0	380	0	0	0	0	0	0	0	2	267	0	0	269	668
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 Total	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	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 Total	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 Total	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 Total	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 Total	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
<b>DAILY TOTAL</b>	<b>0</b>	<b>112</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>138</b>	<b>1</b>	<b>0</b>	<b>2775</b>	<b>133</b>	<b>0</b>	<b>2909</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>2721</b>	<b>0</b>	<b>0</b>	<b>2738</b>	<b>5785</b>
<b>Cars</b>	0	108	0	26	0	134	1	0	2634	130	0	2765	0	0	0	0	0	0	0	17	2561	0	0	2578	5477
<b>Heavy Vehicles</b>	0	4	0	0	0	4	0	0	141	3	0	144	0	0	0	0	0	0	0	0	160	0	0	160	308
<b>Heavy Vehicle %</b>	0.00%	3.57%	0.00%	0.00%	0.00%	2.90%	0.00%	0.00%	5.08%	2.26%	0.00%	4.95%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	0.00%	0.00%	5.84%	5.32%

### TMC 2344 - CSAH 22 @ Flamingo St

0 0

**Tuesday, May 16, 2023**

**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	
6:45 AM	0	1	0	2	0	3	0	0	59	4	0	63	0	0	0	0	0	0	0	0	115	0	0	115	
7:00 AM	0	2	0	1	0	3	0	0	66	2	0	68	0	0	0	0	0	0	0	0	114	0	0	114	
7:15 AM	0	4	0	2	0	6	0	0	70	5	0	75	0	0	0	0	0	0	0	1	108	0	0	109	
7:30 AM	0	2	0	1	0	3	0	0	69	1	0	70	0	0	0	0	0	0	0	0	111	0	0	111	
<b>Peak Hour Total PHF</b>	0	9	0	6	0	15	0	0	264	12	0	276	0	0	0	0	0	0	0	1	448	0	0	449	
	0.000	0.563	0.000	0.750	0.000	0.625	0.000	0.000	0.943	0.600	0.000	0.920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.974	0.000	0.000	0.976	

**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	
4:15 PM	0	5	0	1	0	6	0	0	137	4	0	141	0	0	0	0	0	0	0	0	80	0	0	80	
4:30 PM	0	4	0	1	0	5	0	0	141	7	0	148	0	0	0	0	0	0	0	1	87	0	0	88	
4:45 PM	0	6	0	2	0	8	0	0	148	4	0	152	0	0	0	0	0	0	0	0	106	0	0	106	
5:00 PM	0	1	0	0	0	1	0	0	148	5	0	153	0	0	0	0	0	0	0	1	101	0	0	102	
<b>Peak Hour Total PHF</b>	0	16	0	4	0	20	0	0	574	20	0	594	0	0	0	0	0	0	0	2	374	0	0	376	
	0.000	0.667	0.000	0.500	0.000	0.625	0.000	0.000	0.970	0.714	0.000	0.971	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.882	0.000	0.000	0.887	

Total Vehicles On Leg				288		
Vehicles Entering Intersection			138	Vehicles Exiting Intersection		150
<b>Southbound</b>						
Cars	26	0	108	0	0	
Heavy	0	0	4	0	0	
<b>Total</b>	<b>26</b>	<b>0</b>	<b>112</b>	<b>0</b>	<b>0</b>	

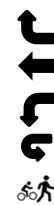


Total Vehicles on Leg 5539	Vehicles Entering Intersection	Eastbound	Cars	Heavy	Total
	Vehicles Exiting Intersection 2801		0	0	0
			0	0	0
			17	0	17
			2561	160	2721
0	0	0			



Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection	Total Vehicles on Leg 5743
130	3	133		Vehicles Exiting Intersection 2909	
2634	141	2775			
0	0	0			
1	0	1			
0	0	0	Vehicles Exiting Intersection	2834	



Cars	0	0	0	0	0		
Heavy	0	0	0	0	0		
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Northbound</b>							
Vehicles Entering Intersection			0	Vehicles Exiting Intersection			0
Total Vehicles On Leg			0				









# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2344

Study Date : 05/26/2023

## Signal Warrants - Summary

### Major Street Approaches

Eastbound: CSAH 22

Number of Lanes : 1

Total Approach Volume: 2,738

Westbound: CSAH 22

Number of Lanes : 1

Total Approach Volume: 2,909

### Minor Street Approaches

Southbound: Flamingo St

Number of Lanes : 1

Total Approach Volume: 138

### 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 0 hours, 8 are needed

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

Required 1A volumes reached for 0 hours, 8 are needed

Required 1B volumes reached for 0 hours, 8 are needed

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

Number of hours (0) 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 2344

Study Date : 05/26/2023

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

#### Volume Requirements

Rural Factor of 70 % applied  
Veh/Hr Major = **350**  
  
Veh/Hr Minor = **105**

Time	Major Road				Total	Minor Road		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
16:15 - 17:15	376	+	594	=	970	0	20	No
15:15 - 16:15	393	+	574	=	967	0	13	No
16:30 - 17:30	393	+	574	=	967	0	19	No
16:00 - 17:00	373	+	594	=	967	0	20	No
15:30 - 16:30	382	+	570	=	952	0	16	No
16:45 - 17:45	403	+	545	=	948	0	21	No
15:45 - 16:45	370	+	578	=	948	0	18	No
15:00 - 16:00	372	+	526	=	898	0	14	No
17:00 - 18:00	380	+	513	=	893	0	14	No
17:15 - 18:15	359	+	470	=	829	0	16	No
17:30 - 18:30	323	+	468	=	791	0	19	No
17:45 - 18:45	299	+	427	=	726	0	15	No
06:45 - 07:45	449	+	276	=	725	0	15	No
07:00 - 08:00	443	+	266	=	709	0	18	No
06:30 - 07:30	431	+	242	=	673	0	18	No
07:15 - 08:15	407	+	258	=	665	0	19	No
14:45 - 15:45	269	+	390	=	659	0	8	No
18:00 - 19:00	269	+	380	=	649	0	19	No
06:15 - 07:15	392	+	219	=	611	0	17	No
07:30 - 08:30	364	+	226	=	590	0	14	No
07:45 - 08:45	350	+	204	=	554	0	16	No
06:00 - 07:00	352	+	185	=	537	0	17	No
08:30 - 09:30	291	+	238	=	529	0	24	No
08:00 - 09:00	303	+	205	=	508	0	16	No
08:15 - 09:15	286		222		508	0	18	No

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2344

Study Date : 05/26/2023

## 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 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**

#### Volume Requirements

Rural Factor of 70 % applied  
 Veh/Hr Major = **525**  
 Veh/Hr Minor = **52**

Time	Major Road				Total	Minor Road		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
16:15 - 17:15	376	+	594	=	970	0	20	No
15:15 - 16:15	393	+	574	=	967	0	13	No
16:30 - 17:30	393	+	574	=	967	0	19	No
16:00 - 17:00	373	+	594	=	967	0	20	No
15:30 - 16:30	382	+	570	=	952	0	16	No
16:45 - 17:45	403	+	545	=	948	0	21	No
15:45 - 16:45	370	+	578	=	948	0	18	No
15:00 - 16:00	372	+	526	=	898	0	14	No
17:00 - 18:00	380	+	513	=	893	0	14	No
17:15 - 18:15	359	+	470	=	829	0	16	No
17:30 - 18:30	323	+	468	=	791	0	19	No
17:45 - 18:45	299	+	427	=	726	0	15	No
06:45 - 07:45	449	+	276	=	725	0	15	No
07:00 - 08:00	443	+	266	=	709	0	18	No
06:30 - 07:30	431	+	242	=	673	0	18	No
07:15 - 08:15	407	+	258	=	665	0	19	No
14:45 - 15:45	269	+	390	=	659	0	8	No
18:00 - 19:00	269	+	380	=	649	0	19	No
06:15 - 07:15	392	+	219	=	611	0	17	No
07:30 - 08:30	364	+	226	=	590	0	14	No
07:45 - 08:45	350	+	204	=	554	0	16	No
06:00 - 07:00	352	+	185	=	537	0	17	No
08:30 - 09:30	291	+	238	=	529	0	24	No
08:00 - 09:00	303	+	205	=	508	0	16	No
08:15 - 09:15	286		222		508	0	18	No

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2344

Study Date : 05/26/2023

## 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 0 hours meet 1A minimums.  
Only 0 hours meet 1B 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  
Warrant 1A 1B  
Veh/Hr Major = **280 420**

Veh/Hr Minor = **84 42**

#### Major Road CSAH 22

#### Minor Road Flamingo St

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1A?
16:15 - 17:15	376	+	594	=	970	0	20	No
15:15 - 16:15	393	+	574	=	967	0	13	No
16:00 - 17:00	373	+	594	=	967	0	20	No
16:30 - 17:30	393	+	574	=	967	0	19	No
15:30 - 16:30	382	+	570	=	952	0	16	No
15:45 - 16:45	370	+	578	=	948	0	18	No
16:45 - 17:45	403	+	545	=	948	0	21	No
15:00 - 16:00	372	+	526	=	898	0	14	No
17:00 - 18:00	380	+	513	=	893	0	14	No
17:15 - 18:15	359	+	470	=	829	0	16	No
17:30 - 18:30	323	+	468	=	791	0	19	No
17:45 - 18:45	299		427		726	0	15	No

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?
16:15 - 17:15	376	+	594	=	970	0	20	No
15:15 - 16:15	393	+	574	=	967	0	13	No
16:00 - 17:00	373	+	594	=	967	0	20	No
16:30 - 17:30	393	+	574	=	967	0	19	No
15:30 - 16:30	382	+	570	=	952	0	16	No
15:45 - 16:45	370	+	578	=	948	0	18	No
16:45 - 17:45	403	+	545	=	948	0	21	No
15:00 - 16:00	372	+	526	=	898	0	14	No
17:00 - 18:00	380	+	513	=	893	0	14	No
17:15 - 18:15	359	+	470	=	829	0	16	No
17:30 - 18:30	323	+	468	=	791	0	19	No
17:45 - 18:45	299		427		726	0	15	No

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2344

Study Date : 05/26/2023

## 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.

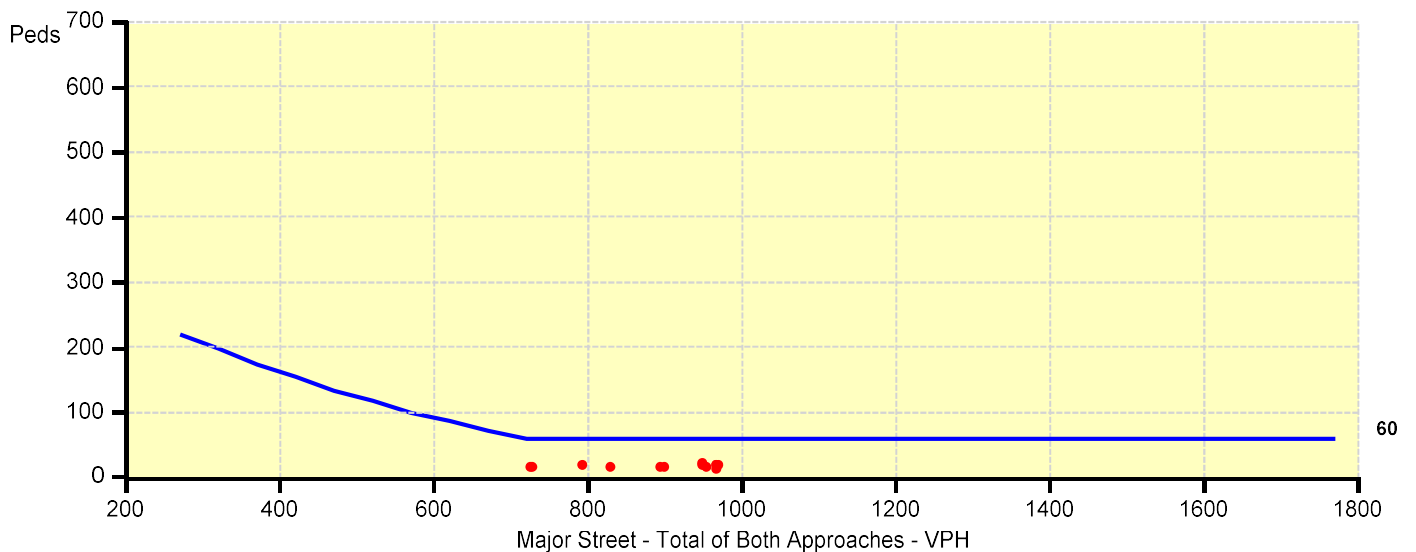
#### Summary

Only 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 22				Total	Minor Road Flamingo St		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
16:15 - 17:15	376	+	594	=	970	0	20	No
15:15 - 16:15	393	+	574	=	967	0	13	No
16:30 - 17:30	393	+	574	=	967	0	19	No
16:00 - 17:00	373	+	594	=	967	0	20	No
15:30 - 16:30	382	+	570	=	952	0	16	No
16:45 - 17:45	403	+	545	=	948	0	21	No
15:45 - 16:45	370	+	578	=	948	0	18	No
15:00 - 16:00	372	+	526	=	898	0	14	No
17:00 - 18:00	380	+	513	=	893	0	14	No
17:15 - 18:15	359	+	470	=	829	0	16	No
17:30 - 18:30	323	+	468	=	791	0	19	No
17:45 - 18:45	299		427		726	0	15	No



# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2344

Study Date : 05/26/2023

## 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 22				Total	Minor Road Flamingo St		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
16:15 - 17:15	376	+	594	=	970	0	20	No
15:15 - 16:15	393	+	574	=	967	0	13	No
16:30 - 17:30	393	+	574	=	967	0	19	No
16:00 - 17:00	373	+	594	=	967	0	20	No
15:30 - 16:30	382	+	570	=	952	0	16	No
16:45 - 17:45	403	+	545	=	948	0	21	No
15:45 - 16:45	370	+	578	=	948	0	18	No
15:00 - 16:00	372	+	526	=	898	0	14	No
17:00 - 18:00	380	+	513	=	893	0	14	No
17:15 - 18:15	359	+	470	=	829	0	16	No
17:30 - 18:30	323	+	468	=	791	0	19	No
17:45 - 18:45	299		427		726	0	15	No

