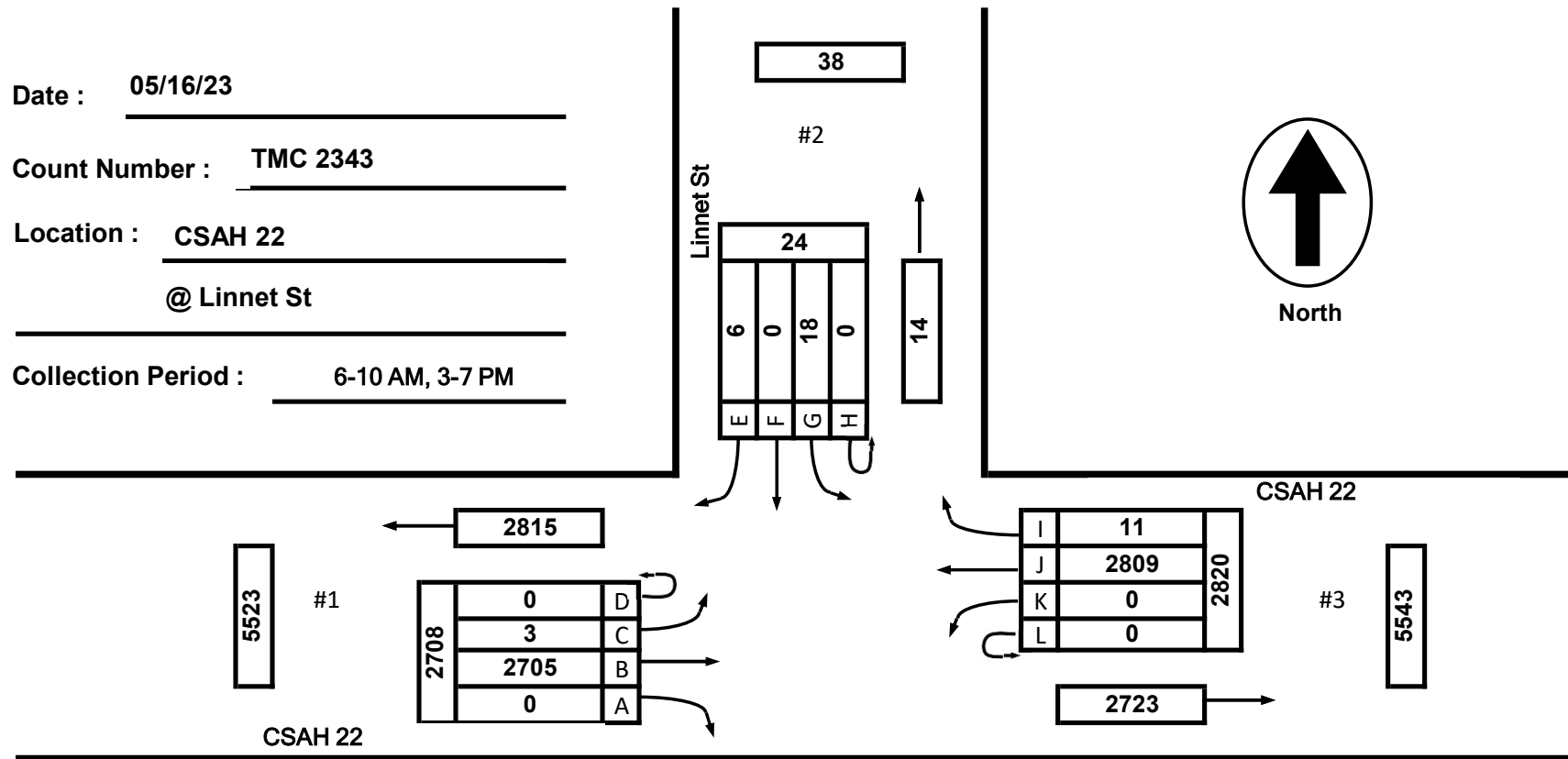


Date : 05/16/23

Count Number : TMC 2343

Location : CSAH 22
@ Linnet 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

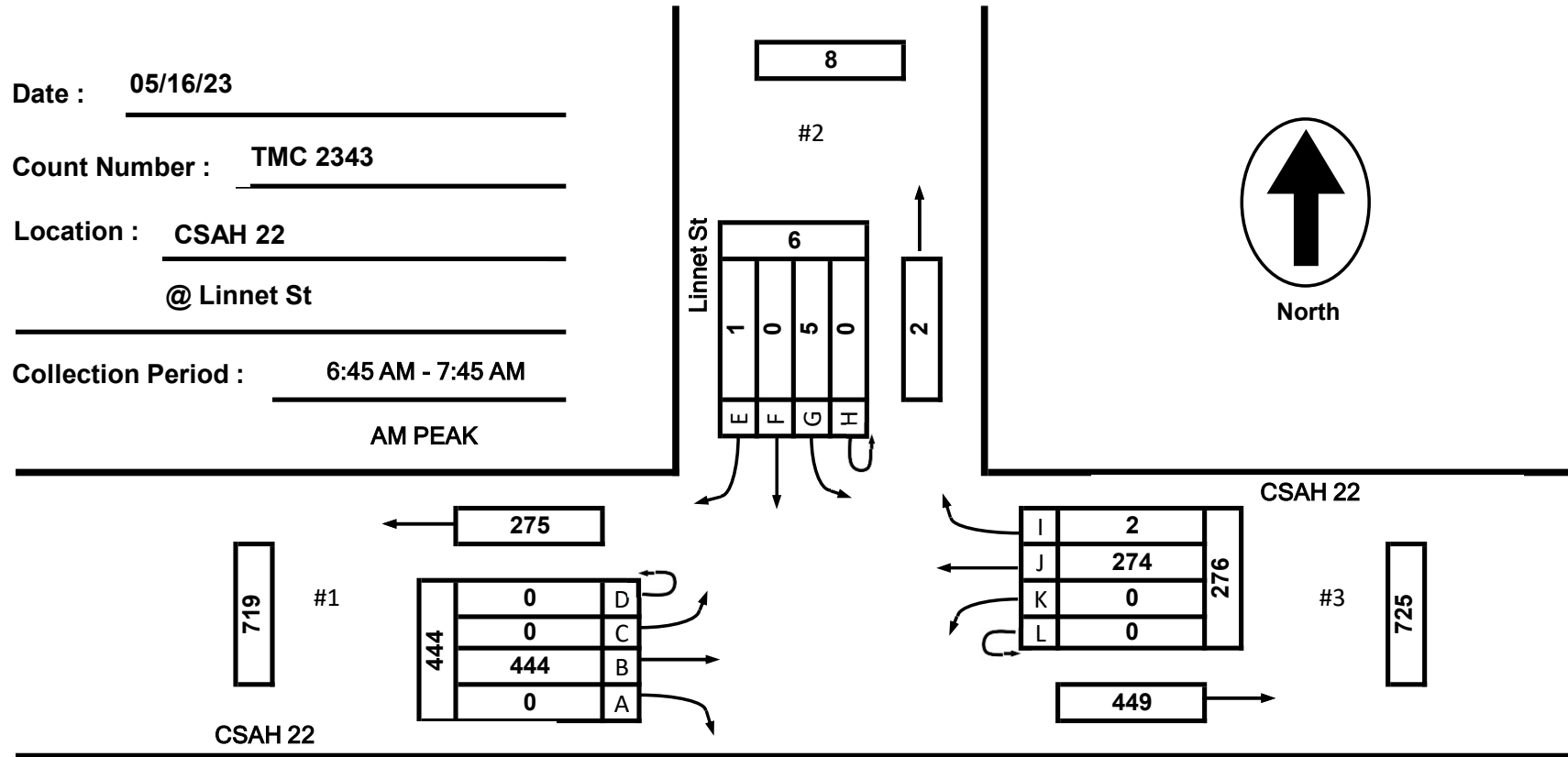
Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 05/16/23

Count Number : TMC 2343

Location : CSAH 22
@ Linnet 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

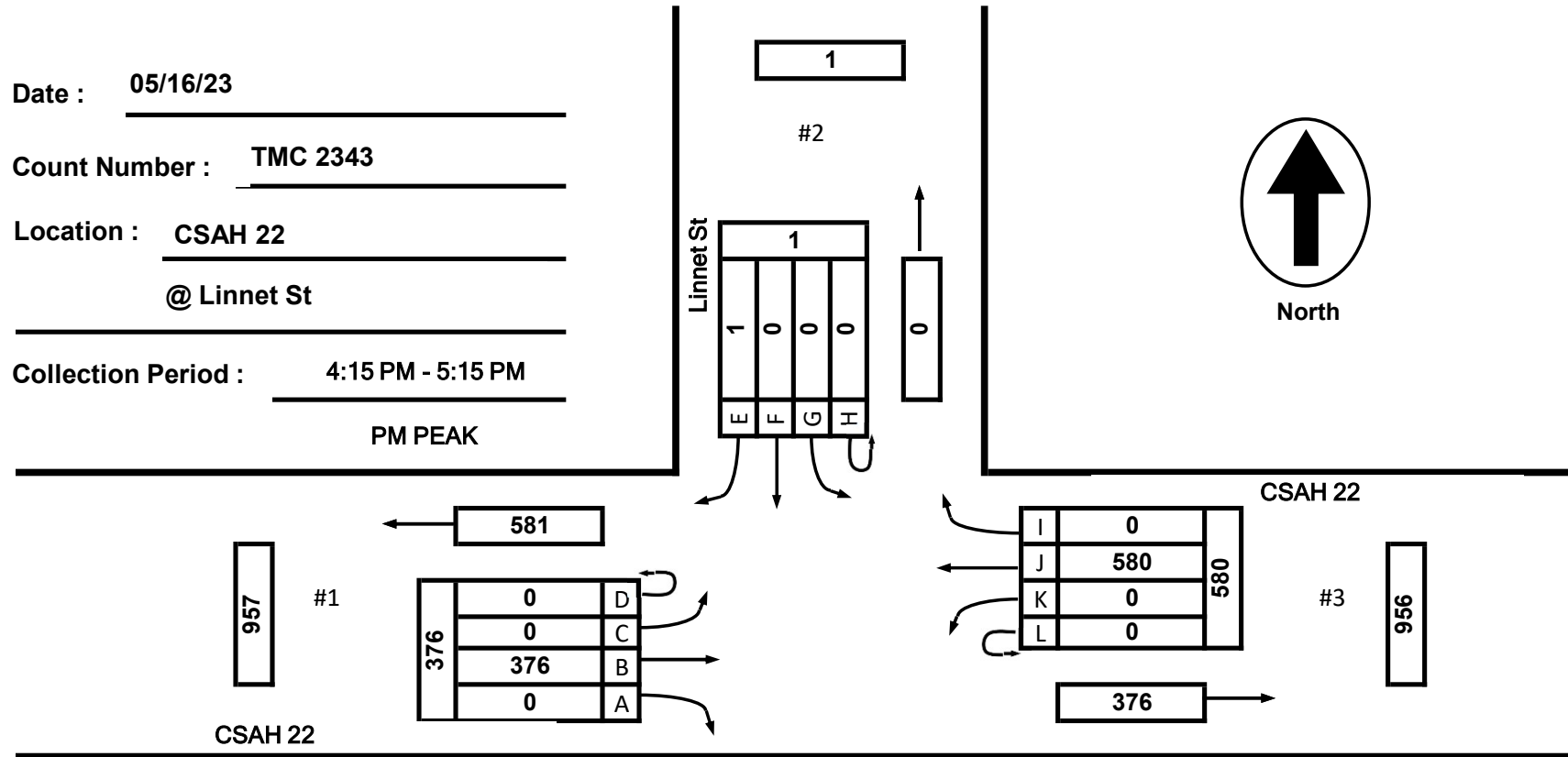
Anoka County Highway Department
Traffic Volume and Turning
Movement Study

Date : 05/16/23

Count Number : TMC 2343

Location : CSAH 22
@ Linnet 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 2343 - CSAH 22 @ Linnet 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	0	0	2	0	2	0	0	35	0	0	35	0	0	0	0	0	0	0	1	74	0	0	75	112	
6:15 AM	0	0	0	1	0	1	0	0	52	0	0	52	0	0	0	0	0	0	0	1	70	0	0	71	124	
6:30 AM	0	0	0	0	0	0	0	0	36	0	0	36	0	0	0	0	0	0	0	0	91	0	0	91	127	
6:45 AM	0	2	0	0	0	2	0	0	62	0	0	62	0	0	0	0	0	0	0	0	113	0	0	113	177	
Hourly Total	0	2	0	3	0	5	0	0	185	0	0	185	0	0	0	0	0	0	0	2	348	0	0	350	540	
7:00 AM	0	0	0	0	0	0	0	0	69	1	0	70	0	0	0	0	0	0	0	0	114	0	0	114	184	
7:15 AM	0	2	0	1	0	3	0	0	73	1	0	74	0	0	0	0	0	0	0	0	107	0	0	107	184	
7:30 AM	0	1	0	0	0	1	0	0	70	0	0	70	0	0	0	0	0	0	0	0	110	0	0	110	181	
7:45 AM	0	0	0	0	0	0	0	0	51	0	0	51	0	0	0	0	0	0	0	0	105	0	0	105	156	
Hourly Total	0	3	0	1	0	4	0	0	263	2	0	265	0	0	0	0	0	0	0	0	436	0	0	436	705	

TMC 2343 - CSAH 22 @ Linnet 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	0	0	0	0	0	0	0	58	0	0	58	0	0	0	0	0	0	0	0	76	0	0	76	134
8:15 AM	0	3	0	0	0	3	0	0	40	0	0	40	0	0	0	0	0	0	0	0	66	0	0	66	109
8:30 AM	0	0	0	1	0	1	0	0	48	0	0	48	0	0	0	0	0	0	0	0	97	0	0	97	146
8:45 AM	0	0	0	0	0	0	0	0	56	0	0	56	0	0	0	0	0	0	0	0	60	0	0	60	116
Hourly Total	0	3	0	1	0	4	0	0	202	0	0	202	0	0	0	0	0	0	0	0	299	0	0	299	505
9:00 AM	0	1	0	0	0	1	0	0	72	0	0	72	0	0	0	0	0	0	0	0	62	0	0	62	135
9:15 AM	0	1	0	0	0	1	0	0	56	2	0	58	0	0	0	0	0	0	0	1	68	0	0	69	128
9:30 AM	0	0	0	0	0	0	0	0	51	0	0	51	0	0	0	0	0	0	0	0	59	0	0	59	110
9:45 AM	0	0	0	0	0	0	0	0	51	0	0	51	0	0	0	0	0	0	0	0	58	0	0	58	109
Hourly Total	0	2	0	0	0	2	0	0	230	2	0	232	0	0	0	0	0	0	0	1	247	0	0	248	482
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
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
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
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
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 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
3:00 PM	0	1	0	0	0	1	0	0	100	1	0	101	0	0	0	0	0	0	0	0	78	0	0	78	180
3:15 PM	0	2	0	0	0	2	0	0	134	0	0	134	0	0	0	0	0	0	0	0	83	0	0	83	219
3:30 PM	0	0	0	0	0	0	0	0	144	0	0	144	0	0	0	0	0	0	0	0	109	0	0	109	253
3:45 PM	0	1	0	0	0	1	0	0	135	0	0	135	0	0	0	0	0	0	0	0	99	0	0	99	235
Hourly Total	0	4	0	0	0	4	0	0	513	1	0	514	0	0	0	0	0	0	0	0	369	0	0	369	887

TMC 2343 - CSAH 22 @ Linnet 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	0	0	0	0	0	0	0	138	1	0	139	0	0	0	0	0	0	0	0	99	0	0	99	238
4:15 PM	0	0	0	0	0	0	0	0	142	0	0	142	0	0	0	0	0	0	0	0	79	0	0	79	221
4:30 PM	0	0	0	0	0	0	0	0	140	0	0	140	0	0	0	0	0	0	0	0	88	0	0	88	228
4:45 PM	0	0	0	0	0	0	0	0	160	0	0	160	0	0	0	0	0	0	0	0	106	0	0	106	266
Hourly Total	0	0	0	0	0	0	0	0	580	1	0	581	0	0	0	0	0	0	0	0	372	0	0	372	953
5:00 PM	0	0	0	1	0	1	0	0	138	0	0	138	0	0	0	0	0	0	0	0	103	0	0	103	242
5:15 PM	0	0	0	0	0	0	0	0	112	2	0	114	0	0	0	0	0	0	0	0	92	0	0	92	206
5:30 PM	0	1	0	0	0	1	0	0	115	0	0	115	0	0	0	0	0	0	0	0	96	0	0	96	212
5:45 PM	0	1	0	0	0	1	0	0	109	0	0	109	0	0	0	0	0	0	0	0	74	0	0	74	184
Hourly Total	0	2	0	1	0	3	0	0	474	2	0	476	0	0	0	0	0	0	0	0	365	0	0	365	844
6:00 PM	0	0	0	0	0	0	0	0	110	0	0	110	0	0	0	0	0	0	0	0	88	0	0	88	198
6:15 PM	0	2	0	0	0	2	0	0	113	1	0	114	0	0	0	0	0	0	0	0	56	0	0	56	172
6:30 PM	0	0	0	0	0	0	0	0	72	1	0	73	0	0	0	0	0	0	0	0	72	0	0	72	145
6:45 PM	0	0	0	0	0	0	0	0	67	1	0	68	0	0	0	0	0	0	0	0	53	0	0	53	121
Hourly Total	0	2	0	0	0	2	0	0	362	3	0	365	0	0	0	0	0	0	0	0	269	0	0	269	636
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
DAILY TOTAL	0	18	0	6	0	24	0	0	2809	11	0	2820	0	0	0	0	0	0	0	3	2705	0	0	2708	5552
Cars	0	16	0	6	0	22	0	0	2664	10	0	2674	0	0	0	0	0	0	0	3	2544	0	0	2547	5243
Heavy Vehicles	0	2	0	0	0	2	0	0	145	1	0	146	0	0	0	0	0	0	0	0	161	0	0	161	309
Heavy Vehicle %	0.00%	11.11%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	5.16%	9.09%	0.00%	5.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.95%	0.00%	0.00%	5.95%	5.57%

TMC 2343 - CSAH 22 @ Linnet 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	2	0	0	0	2	0	0	62	0	0	62	0	0	0	0	0	0	0	0	113	0	0	113	0	0	0	0	0	0	0	0	114	0	0	114	177
7:00 AM	0	0	0	0	0	0	0	0	69	1	0	70	0	0	0	0	0	0	0	0	107	0	0	107	0	0	0	0	0	0	0	0	110	0	0	110	184
7:15 AM	0	2	0	1	0	3	0	0	73	1	0	74	0	0	0	0	0	0	0	0	114	0	0	114	0	0	0	0	0	0	0	0	107	0	0	107	184
7:30 AM	0	1	0	0	0	1	0	0	70	0	0	70	0	0	0	0	0	0	0	0	110	0	0	110	0	0	0	0	0	0	0	0	110	0	0	110	181
Peak Hour Total PHF	0	5	0	1	0	6	0	0	274	2	0	276	0	0	0	0	0	0	0	0	444	0	0	444	0	0	0	0	0	0	0	0	444	0	0	444	726
	0.000	0.625	0.000	0.250	0.000	0.500	0.000	0.000	0.938	0.500	0.000	0.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.974	0.000	0.000	0.974	0.000	0.000	0.000	0.000	0.000	0.000	0.974	0.000	0.000	0.974	0.986		

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	0	0	0	0	0	0	0	142	0	0	142	0	0	0	0	0	0	0	0	79	0	0	79	0	0	0	0	0	0	0	0	88	0	0	88	221
4:30 PM	0	0	0	0	0	0	0	0	140	0	0	140	0	0	0	0	0	0	0	0	88	0	0	88	0	0	0	0	0	0	0	0	106	0	0	106	228
4:45 PM	0	0	0	0	0	0	0	0	160	0	0	160	0	0	0	0	0	0	0	0	106	0	0	106	0	0	0	0	0	0	0	0	103	0	0	103	266
5:00 PM	0	0	0	1	0	1	0	0	138	0	0	138	0	0	0	0	0	0	0	0	103	0	0	103	0	0	0	0	0	0	0	0	103	0	0	103	242
Peak Hour Total PHF	0	0	0	1	0	1	0	0	580	0	0	580	0	0	0	0	0	0	0	0	376	0	0	376	0	0	0	0	0	0	0	0	376	0	0	376	957
	0.000	0.000	0.000	0.250	0.000	0.250	0.000	0.000	0.906	0.000	0.000	0.906	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.887	0.000	0.000	0.887	0.000	0.000	0.000	0.000	0.000	0.000	0.887	0.000	0.000	0.887	0.899		

Total Vehicles On Leg				38		
Vehicles Entering Intersection			24	Vehicles Exiting Intersection		14
Southbound						
Cars	6	0	16	0	0	
Heavy	0	0	2	0	0	
Total	6	0	18	0	0	



Total Vehicles on Leg 5523	Vehicles Entering Intersection 2708	Eastbound	Cars	0	0	
			Heavy	0	0	
			Total	0	0	
	Vehicles Exiting Intersection 2815		Cars	3	0	3
			Heavy	2544	161	2705
		Cars	0	0	0	



Daily Volumes

Cars	10	1	11	Westbound	Vehicles Entering Intersection 2820	Total Vehicles on Leg 5543
Heavy	2664	145	2809			
Total	0	0	0			
	0	0	0		Vehicles Exiting Intersection 2723	
	0	0	0			



Cars	0	0	0	0	0		
Heavy	0	0	0	0	0		
Total	0	0	0	0	0		
Northbound							
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 2343

Study Date : 05/26/2023

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 22

Number of Lanes : 1

Total Approach Volume: 2,708

Westbound: CSAH 22

Number of Lanes : 1

Total Approach Volume: 2,820

Minor Street Approaches

Southbound: Linnet St

Number of Lanes : 1

Total Approach Volume: 24

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 2343

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	+	580	=	956	0	1	No
16:00 - 17:00	372	+	581	=	953	0	0	No
15:30 - 16:30	386	+	560	=	946	0	1	No
15:15 - 16:15	390	+	552	=	942	0	3	No
16:30 - 17:30	389	+	552	=	941	0	1	No
16:45 - 17:45	397	+	527	=	924	0	2	No
15:45 - 16:45	365	+	556	=	921	0	1	No
15:00 - 16:00	369	+	514	=	883	0	4	No
17:00 - 18:00	365	+	476	=	841	0	3	No
17:15 - 18:15	350	+	448	=	798	0	2	No
17:30 - 18:30	314	+	448	=	762	0	4	No
06:45 - 07:45	444	+	276	=	720	0	6	No
07:00 - 08:00	436	+	265	=	701	0	4	No
17:45 - 18:45	290	+	406	=	696	0	3	No
06:30 - 07:30	425	+	242	=	667	0	5	No
07:15 - 08:15	398	+	253	=	651	0	4	No
14:45 - 15:45	270	+	379	=	649	0	3	No
18:00 - 19:00	269	+	365	=	634	0	2	No
06:15 - 07:15	389	+	220	=	609	0	3	No
07:30 - 08:30	357	+	219	=	576	0	4	No
07:45 - 08:45	344	+	197	=	541	0	4	No
06:00 - 07:00	350	+	185	=	535	0	5	No
08:30 - 09:30	288	+	234	=	522	0	3	No
08:00 - 09:00	299	+	202	=	501	0	4	No
08:15 - 09:15	285		216		501	0	5	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2343

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	+	580	=	956	0	1	No
16:00 - 17:00	372	+	581	=	953	0	0	No
15:30 - 16:30	386	+	560	=	946	0	1	No
15:15 - 16:15	390	+	552	=	942	0	3	No
16:30 - 17:30	389	+	552	=	941	0	1	No
16:45 - 17:45	397	+	527	=	924	0	2	No
15:45 - 16:45	365	+	556	=	921	0	1	No
15:00 - 16:00	369	+	514	=	883	0	4	No
17:00 - 18:00	365	+	476	=	841	0	3	No
17:15 - 18:15	350	+	448	=	798	0	2	No
17:30 - 18:30	314	+	448	=	762	0	4	No
06:45 - 07:45	444	+	276	=	720	0	6	No
07:00 - 08:00	436	+	265	=	701	0	4	No
17:45 - 18:45	290	+	406	=	696	0	3	No
06:30 - 07:30	425	+	242	=	667	0	5	No
07:15 - 08:15	398	+	253	=	651	0	4	No
14:45 - 15:45	270	+	379	=	649	0	3	No
18:00 - 19:00	269	+	365	=	634	0	2	No
06:15 - 07:15	389	+	220	=	609	0	3	No
07:30 - 08:30	357	+	219	=	576	0	4	No
07:45 - 08:45	344	+	197	=	541	0	4	No
06:00 - 07:00	350	+	185	=	535	0	5	No
08:30 - 09:30	288	+	234	=	522	0	3	No
08:00 - 09:00	299	+	202	=	501	0	4	No
08:15 - 09:15	285		216		501	0	5	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2343

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 Linnet St

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1A?
16:15 - 17:15	376	+	580	=	956	0	1	No
16:00 - 17:00	372	+	581	=	953	0	0	No
15:30 - 16:30	386	+	560	=	946	0	1	No
15:15 - 16:15	390	+	552	=	942	0	3	No
16:30 - 17:30	389	+	552	=	941	0	1	No
16:45 - 17:45	397	+	527	=	924	0	2	No
15:45 - 16:45	365	+	556	=	921	0	1	No
15:00 - 16:00	369	+	514	=	883	0	4	No
17:00 - 18:00	365	+	476	=	841	0	3	No
17:15 - 18:15	350	+	448	=	798	0	2	No
17:30 - 18:30	314	+	448	=	762	0	4	No
06:45 - 07:45	444		276		720	0	6	No

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?
16:15 - 17:15	376	+	580	=	956	0	1	No
16:00 - 17:00	372	+	581	=	953	0	0	No
15:30 - 16:30	386	+	560	=	946	0	1	No
15:15 - 16:15	390	+	552	=	942	0	3	No
16:30 - 17:30	389	+	552	=	941	0	1	No
16:45 - 17:45	397	+	527	=	924	0	2	No
15:45 - 16:45	365	+	556	=	921	0	1	No
15:00 - 16:00	369	+	514	=	883	0	4	No
17:00 - 18:00	365	+	476	=	841	0	3	No
17:15 - 18:15	350	+	448	=	798	0	2	No
17:30 - 18:30	314	+	448	=	762	0	4	No
06:45 - 07:45	444		276		720	0	6	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2343

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.

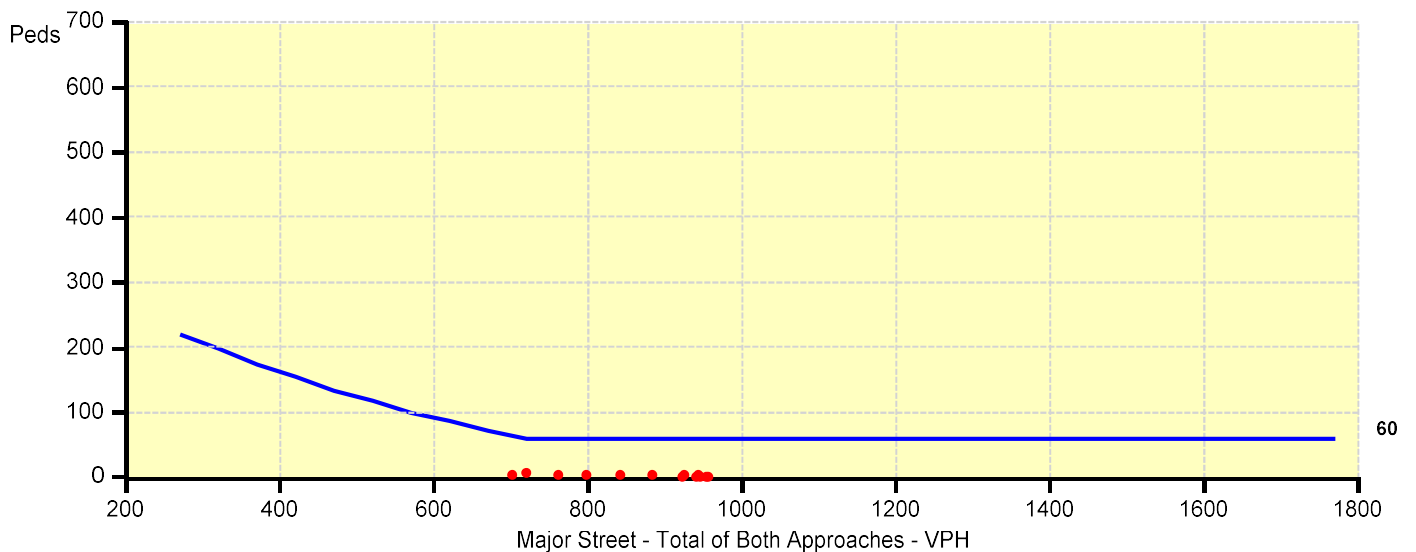
Summary

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					Minor Road Linnet St		Met?
	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	
16:15 - 17:15	376	+	580	=	956	0	1	No
16:00 - 17:00	372	+	581	=	953	0	0	No
15:30 - 16:30	386	+	560	=	946	0	1	No
15:15 - 16:15	390	+	552	=	942	0	3	No
16:30 - 17:30	389	+	552	=	941	0	1	No
16:45 - 17:45	397	+	527	=	924	0	2	No
15:45 - 16:45	365	+	556	=	921	0	1	No
15:00 - 16:00	369	+	514	=	883	0	4	No
17:00 - 18:00	365	+	476	=	841	0	3	No
17:15 - 18:15	350	+	448	=	798	0	2	No
17:30 - 18:30	314	+	448	=	762	0	4	No
06:45 - 07:45	444		276		720	0	6	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2343

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					Minor Road Linnet St		Met?
	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	
16:15 - 17:15	376	+	580	=	956	0	1	No
16:00 - 17:00	372	+	581	=	953	0	0	No
15:30 - 16:30	386	+	560	=	946	0	1	No
15:15 - 16:15	390	+	552	=	942	0	3	No
16:30 - 17:30	389	+	552	=	941	0	1	No
16:45 - 17:45	397	+	527	=	924	0	2	No
15:45 - 16:45	365	+	556	=	921	0	1	No
15:00 - 16:00	369	+	514	=	883	0	4	No
17:00 - 18:00	365	+	476	=	841	0	3	No
17:15 - 18:15	350	+	448	=	798	0	2	No
17:30 - 18:30	314	+	448	=	762	0	4	No
06:45 - 07:45	444		276		720	0	6	No

