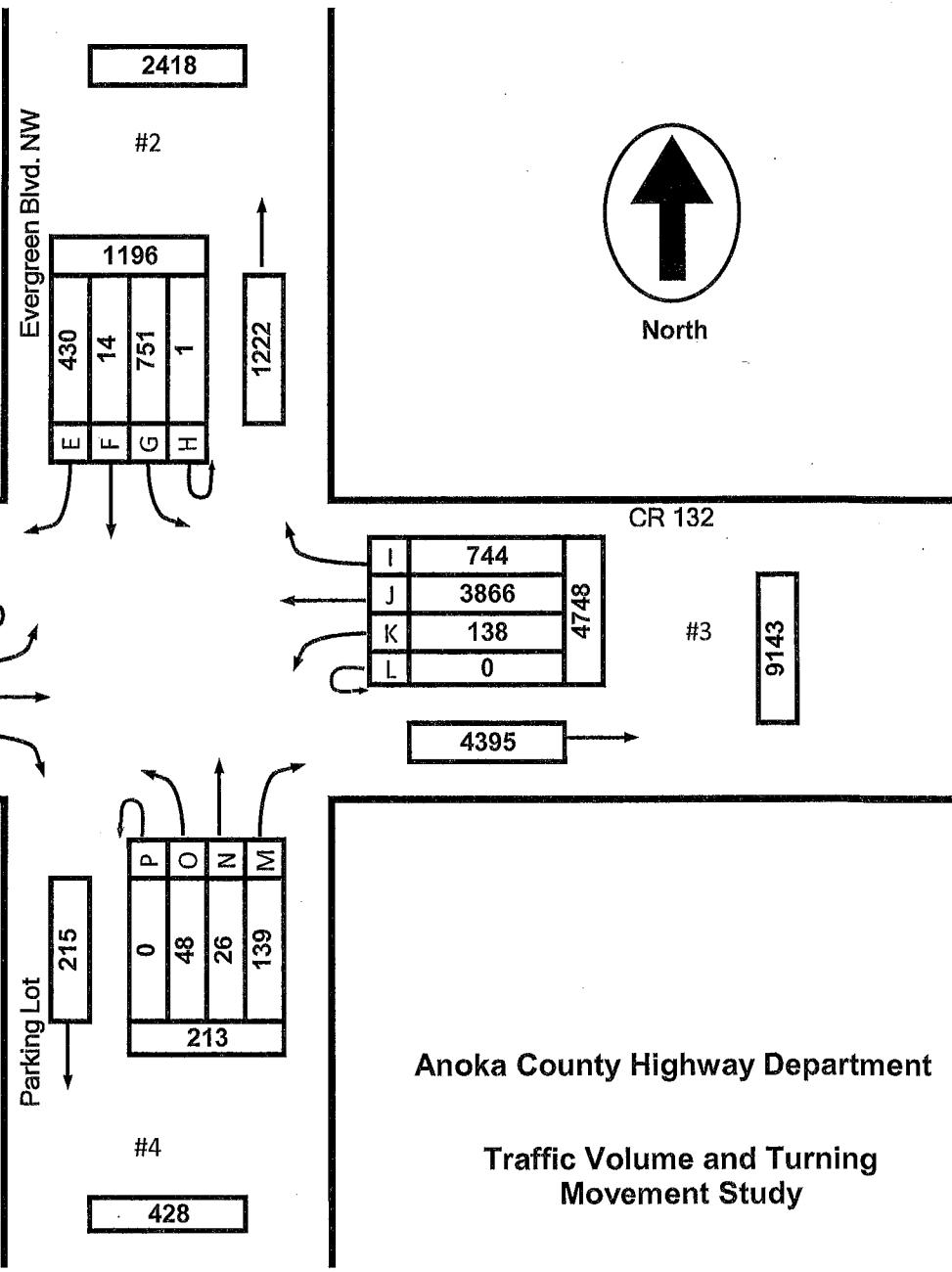
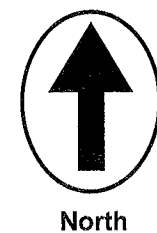


Date : 07/28/21

Count Number : TMC 2123

Location : CSAH 132 (85th Ave.)
@ Evergreen Blvd. NW

Collection Period : 24 HOUR



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

2418

#2

1196			
E	F	G	H
430	14	751	1

1222

4344

#1

8363

4019	0	D
	451	C
	3505	B
	63	A

CR 132

I	744	4748
J	3866	
K	138	
L	0	

CR 132

#3

9143

4395

215

P	O	N	M
0	48	26	139
213			

#4

428

Anoka County Highway Department

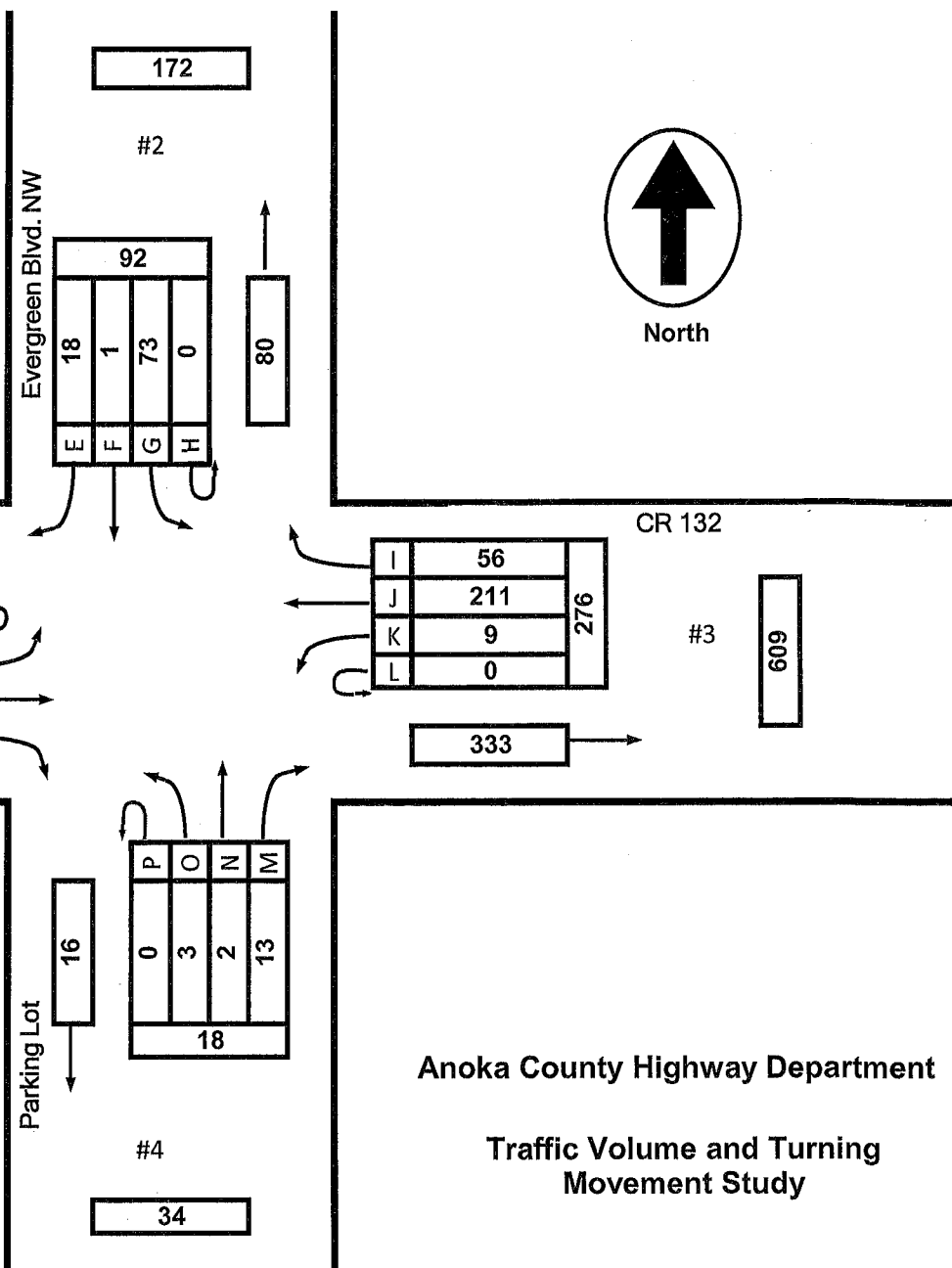
Traffic Volume and Turning Movement Study

Date : 07/28/21

Count Number : TMC 2123

Location : CSAH 132 (85th Ave.)
@ Evergreen Blvd. NW

Collection Period : 11 AM - 12 PM
AM PEAK



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

Anoka County Highway Department

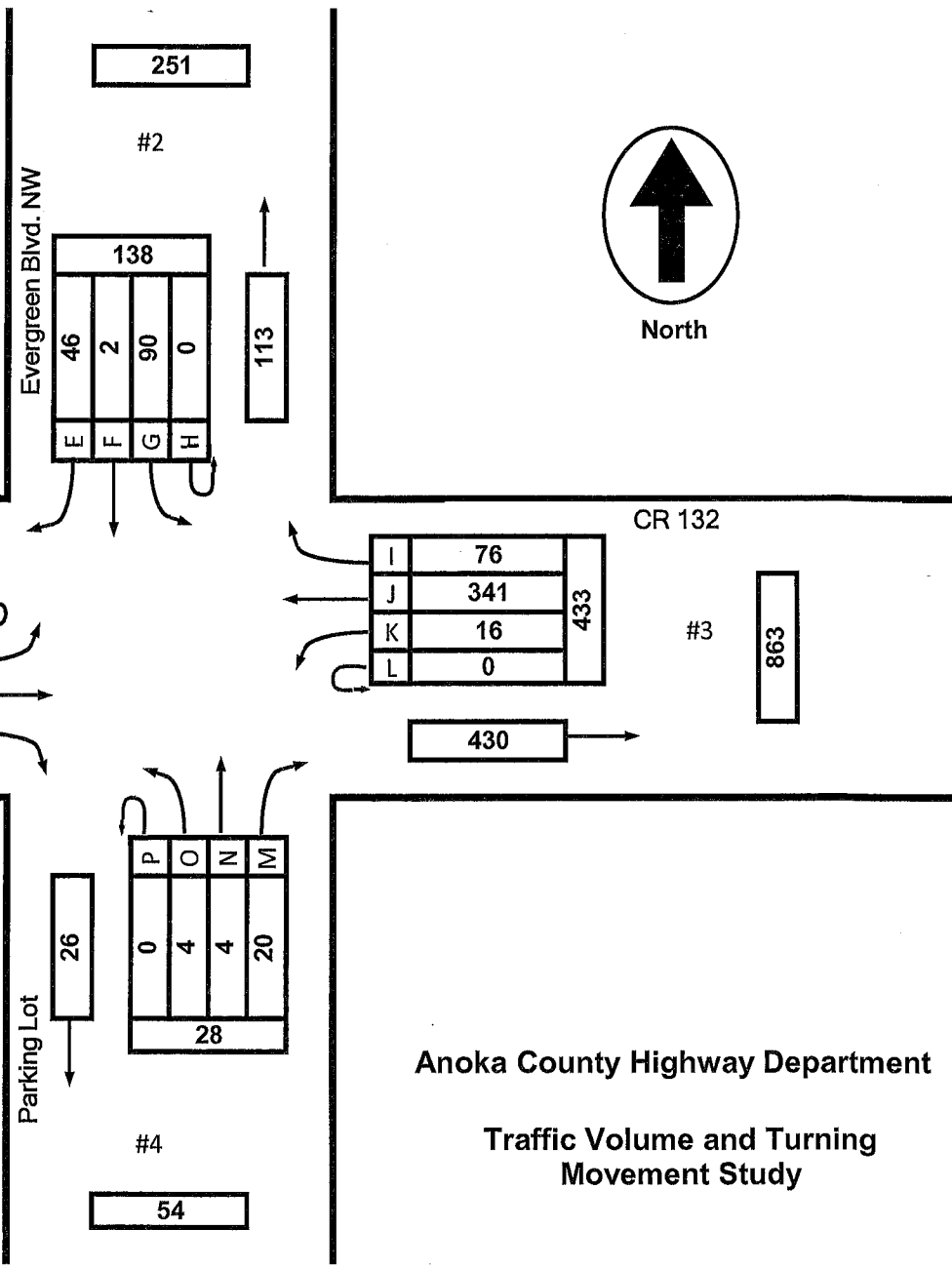
Traffic Volume and Turning
 Movement Study

Date : 07/28/21

Count Number : TMC 2123

Location : CSAH 132 (85th Ave.)
@ Evergreen Blvd. NW

Collection Period : 2:45 PM - 3:45 PM
 PM PEAK



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

Anoka County Highway Department

Traffic Volume and Turning Movement Study

**CR 132 @ Evergreen Boulevard NW
Coon Rapids Minnesota
Wednesday, July 28, 2021**

Time	Southbound Evergreen Blvd NW						Westbound CR 132						Northbound Evergreen Blvd NW						Eastbound CR 132						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	1	0	0	0	1	0	0	10	0	0	10	0	0	0	0	0	0	0	0	8	0	0	8	19
12:15 AM	0	1	0	3	0	4	0	0	5	1	6	0	0	0	0	0	0	0	0	1	2	0	0	3	13
12:30 AM	0	1	0	1	0	2	0	0	4	1	5	0	0	0	0	0	0	0	0	1	2	0	0	3	10
12:45 AM	0	0	0	3	0	3	0	0	3	0	3	0	0	0	0	0	0	0	0	0	4	0	0	4	10
Hourly Total	0	3	0	7	0	10	0	0	22	2	24	0	0	0	0	0	0	0	0	2	16	0	0	18	52
1:00 AM	0	0	0	0	0	0	0	0	5	3	8	0	0	0	0	0	0	0	0	1	0	0	0	1	9
1:15 AM	0	2	0	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	8	0	0	8	11
1:30 AM	0	2	0	0	0	2	0	0	3	0	3	0	0	0	0	0	0	0	0	0	13	0	0	13	18
1:45 AM	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	6	0	0	6	7
Hourly Total	0	4	0	0	0	4	0	0	10	3	13	0	0	0	0	0	0	0	0	1	27	0	0	28	45
2:00 AM	0	8	0	5	0	13	0	0	4	2	6	0	0	0	0	0	0	0	0	1	23	0	0	24	43
2:15 AM	0	2	0	1	0	3	0	0	3	0	3	0	0	0	0	0	0	0	0	0	6	0	0	6	12
2:30 AM	0	2	0	0	0	2	0	0	4	1	5	0	0	0	0	0	0	0	0	0	2	0	0	2	9
2:45 AM	0	3	0	1	0	4	0	0	2	2	4	0	0	0	0	0	0	0	0	0	2	0	0	2	10
Hourly Total	0	15	0	7	0	22	0	0	13	5	18	0	0	0	0	0	0	0	0	1	33	0	0	34	74
3:00 AM	0	3	0	0	0	3	0	0	2	1	3	0	0	0	0	0	0	0	0	2	3	0	0	5	11
3:15 AM	0	1	0	0	0	1	0	0	3	10	13	0	0	0	0	0	0	0	0	2	1	0	0	3	17
3:30 AM	1	38	0	6	0	45	0	0	4	3	7	0	0	0	0	0	0	0	0	1	26	0	0	27	79
3:45 AM	0	4	0	2	0	6	0	0	3	2	5	0	0	0	0	0	0	0	0	1	5	0	0	6	17
Hourly Total	1	46	0	8	0	55	0	0	12	16	28	0	0	0	0	0	0	0	0	6	35	0	0	41	124
4:00 AM	0	3	0	1	0	4	0	0	9	0	9	0	0	0	0	0	0	0	0	2	4	0	0	6	19
4:15 AM	0	0	0	1	0	1	0	0	13	8	21	0	0	0	0	0	0	0	0	1	2	0	0	3	25
4:30 AM	0	0	0	1	0	1	0	0	19	15	34	0	0	0	0	0	0	0	0	4	5	0	0	9	44
4:45 AM	0	2	0	1	0	3	0	0	40	30	70	0	0	0	0	0	0	0	0	11	5	0	0	16	89
Hourly Total	0	5	0	4	0	9	0	0	81	53	134	0	0	0	0	0	0	0	0	18	16	0	0	34	177
5:00 AM	0	0	0	4	0	4	0	1	13	4	18	0	1	0	0	0	0	1	0	1	7	0	0	8	31
5:15 AM	0	1	0	1	0	2	0	0	29	8	35	0	0	0	0	0	0	0	0	5	10	0	0	15	52
5:30 AM	0	2	0	1	0	3	0	0	22	12	34	0	0	0	0	0	0	0	0	5	17	0	0	22	59
5:45 AM	0	3	0	2	0	5	0	0	18	3	21	0	0	0	0	0	0	0	0	12	20	0	0	32	58
Hourly Total	0	6	0	8	0	14	0	1	82	25	108	0	1	0	0	0	0	1	0	23	54	0	0	77	200
6:00 AM	0	3	0	5	0	8	0	0	18	14	32	0	0	0	0	0	0	0	0	2	24	0	0	26	66
6:15 AM	0	6	0	5	0	11	0	0	14	18	32	0	0	0	0	0	0	0	0	9	14	1	0	24	67
6:30 AM	0	9	0	3	0	12	0	2	21	16	39	0	0	0	0	0	0	0	0	7	34	0	0	41	92
6:45 AM	0	8	0	5	0	11	0	0	29	11	40	0	1	0	1	0	2	0	0	6	30	1	0	37	90
Hourly Total	0	24	0	18	0	42	0	2	82	59	143	0	1	0	1	0	2	0	0	24	102	2	0	128	315
7:00 AM	0	4	0	6	0	10	0	0	21	14	35	0	0	0	0	0	0	0	0	6	25	0	1	31	76
7:15 AM	0	8	0	5	0	13	0	0	27	21	48	0	0	0	0	0	0	0	0	14	18	0	0	32	93
7:30 AM	0	6	0	5	0	11	0	0	29	20	49	0	0	0	0	0	0	0	0	9	28	0	0	37	97
7:45 AM	0	8	0	7	0	15	0	2	28	28	58	0	0	0	0	0	0	0	0	21	35	0	0	58	129
Hourly Total	0	26	0	23	0	49	0	2	105	83	190	0	0	0	0	0	0	0	0	50	106	0	1	158	395

**CR 132 @ Evergreen Boulevard NW
Coon Rapids Minnesota
Wednesday, July 28, 2021**

Time	Southbound Evergreen Blvd NW						Westbound CR 132						Northbound Evergreen Blvd NW						Eastbound CR 132						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	8	0	3	0	11	0	1	33	16	0	50	0	0	0	0	0	0	0	12	25	1	0	38	99
8:15 AM	0	11	0	3	0	14	0	2	13	17	0	32	0	0	0	0	0	0	0	10	16	1	0	27	73
8:30 AM	0	4	0	4	0	8	0	1	20	13	0	34	0	0	0	0	0	0	0	8	31	0	0	39	81
8:45 AM	0	4	0	5	0	9	0	13	23	7	0	43	0	1	0	7	0	8	0	7	47	6	0	60	120
Hourly Total	0	27	0	15	0	42	0	17	89	53	0	159	0	1	0	7	0	8	0	37	119	8	0	164	373
9:00 AM	0	6	1	7	0	14	0	2	24	5	0	31	0	4	1	6	0	11	0	9	42	3	0	54	110
9:15 AM	0	10	0	2	0	12	0	4	28	9	0	41	0	1	0	2	0	3	0	3	37	0	0	40	96
9:30 AM	0	3	0	2	0	5	0	0	27	7	0	34	0	0	0	5	0	5	0	3	40	0	0	43	87
9:45 AM	0	11	0	7	0	18	0	1	38	7	0	46	0	0	0	1	0	1	0	3	50	0	2	53	118
Hourly Total	0	30	1	18	0	49	0	7	117	28	0	152	0	5	1	14	0	20	0	18	169	3	2	190	411
10:00 AM	0	4	0	3	0	7	0	2	36	9	0	47	0	0	0	0	0	0	0	4	35	1	0	40	94
10:15 AM	0	5	2	7	0	14	0	4	39	8	0	51	0	0	0	4	0	4	0	4	42	0	2	46	115
10:30 AM	0	7	0	5	0	12	0	5	36	7	0	48	0	0	0	3	0	3	0	6	40	1	0	47	110
10:45 AM	0	12	1	5	0	18	0	2	52	8	0	62	0	0	0	0	0	0	0	6	53	3	0	62	142
Hourly Total	0	28	3	20	0	51	0	13	163	32	0	200	0	0	0	7	0	7	0	20	170	5	2	195	461
11:00 AM	0	18	0	3	0	21	0	3	44	10	0	57	0	1	0	2	0	3	0	7	59	4	0	70	151
11:15 AM	0	19	0	5	0	24	0	0	49	9	0	58	0	1	0	1	0	2	0	4	55	0	0	59	143
11:30 AM	0	14	0	5	0	19	0	2	55	22	0	79	0	1	1	1	0	3	0	6	65	1	4	72	173
11:45 AM	0	22	1	5	0	28	0	4	63	15	0	82	0	0	1	9	0	10	0	5	68	1	6	74	194
Hourly Total	0	73	1	18	0	92	0	9	211	56	0	276	0	3	2	13	0	18	0	22	247	6	10	275	661
12:00 PM	0	31	2	6	0	39	0	4	78	17	0	99	0	2	1	3	0	6	0	6	65	2	1	73	217
12:15 PM	0	9	1	5	0	15	0	1	89	13	0	103	0	1	1	1	0	3	0	9	60	2	0	71	192
12:30 PM	0	8	0	6	0	14	0	4	81	13	0	98	0	2	3	6	0	11	0	7	58	2	0	67	190
12:45 PM	0	5	0	4	0	9	0	2	59	17	0	78	0	1	1	1	0	3	0	9	44	1	0	54	144
Hourly Total	0	53	3	21	0	77	0	11	307	60	0	378	0	6	6	11	0	23	0	31	227	7	1	265	743
1:00 PM	0	6	1	4	0	11	0	4	54	10	0	69	0	0	2	3	0	5	0	5	76	2	0	83	167
1:15 PM	0	11	0	8	0	19	0	0	61	9	0	70	0	0	1	2	0	3	0	5	40	0	0	45	137
1:30 PM	0	8	0	6	0	14	0	6	83	10	0	99	0	3	1	2	0	6	0	3	56	0	0	59	178
1:45 PM	0	7	0	5	0	12	0	3	68	5	0	76	0	3	0	2	0	5	0	5	69	0	0	74	167
Hourly Total	0	32	1	23	0	56	0	13	266	34	0	313	0	6	4	9	0	19	0	18	241	2	0	261	649
2:00 PM	0	19	1	7	0	27	0	0	74	13	0	87	0	0	0	4	0	4	0	6	51	0	0	57	175
2:15 PM	0	16	0	6	1	22	0	3	70	12	0	85	0	1	0	4	0	5	0	7	62	1	0	70	182
2:30 PM	0	10	0	7	0	17	0	5	74	15	0	94	0	1	0	4	0	5	0	9	68	1	0	78	194
2:45 PM	0	13	1	5	0	19	0	8	85	31	0	124	0	1	1	5	0	7	0	9	66	3	0	78	228
Hourly Total	0	58	2	25	1	85	0	16	303	71	0	390	0	3	1	17	0	21	0	31	247	5	0	283	779
3:00 PM	0	16	0	6	0	22	0	6	88	14	0	108	0	2	3	10	0	15	0	8	62	3	0	93	238
3:15 PM	0	15	0	12	0	27	0	1	103	23	0	127	0	0	0	2	0	2	0	9	70	1	0	80	236
3:30 PM	0	46	1	23	0	70	0	1	65	8	0	74	0	1	0	3	0	4	0	7	102	1	1	110	258
3:45 PM	0	23	0	9	0	32	0	3	71	5	0	79	0	0	0	2	0	2	0	9	62	0	0	101	214
Hourly Total	0	100	1	50	0	151	0	11	327	50	0	388	0	3	3	17	0	23	0	33	346	5	1	364	946

**CR 132 @ Evergreen Boulevard NW
Coon Rapids Minnesota
Wednesday, July 28, 2021**

Time	Southbound Evergreen Blvd NW						Westbound CR 132						Northbound Evergreen Blvd NW						Eastbound CR 132						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	20	0	19	0	39	0	4	84	8	0	96	0	1	0	3	0	4	0	9	102	2	0	113	252
4:15 PM	0	17	0	16	0	33	0	3	85	3	0	91	0	2	0	4	0	6	0	12	77	2	0	97	221
4:30 PM	0	24	0	24	0	48	0	0	81	7	0	88	0	1	0	4	0	5	0	11	83	2	0	96	237
4:45 PM	0	12	0	15	0	27	0	5	106	8	0	119	0	2	1	2	0	5	0	7	82	2	0	97	242
Hourly Total	0	73	0	74	0	147	0	12	356	26	0	394	0	6	1	13	0	20	0	39	344	8	0	391	952
5:00 PM	0	16	0	4	0	20	0	2	104	4	0	110	0	5	0	3	0	8	0	8	83	0	0	91	229
5:15 PM	0	8	0	9	0	15	0	4	83	3	0	90	0	1	0	0	0	1	0	12	78	3	0	93	199
5:30 PM	0	5	0	7	0	12	0	0	83	1	0	84	0	0	0	1	0	1	0	6	60	0	0	66	163
5:45 PM	0	18	0	7	0	23	0	3	88	9	0	90	0	1	0	0	0	1	0	8	88	0	0	96	200
Hourly Total	0	43	0	27	0	70	0	9	338	17	0	364	0	7	0	4	0	11	0	34	309	3	0	346	791
6:00 PM	0	3	0	10	0	13	0	1	79	3	0	83	0	1	0	2	0	3	0	6	71	1	0	78	177
6:15 PM	0	12	0	8	0	18	0	1	70	4	0	75	0	1	0	5	0	6	0	3	61	0	0	64	163
6:30 PM	0	6	0	1	0	7	0	1	61	2	0	64	0	0	0	2	0	2	0	3	73	1	0	77	150
6:45 PM	0	4	0	3	0	7	0	1	61	8	0	70	0	0	1	0	0	1	0	0	41	2	0	43	121
Hourly Total	0	25	0	20	0	45	0	4	271	17	0	292	0	2	1	9	0	12	0	12	246	4	0	262	611
7:00 PM	0	5	0	4	0	9	0	2	62	4	0	68	0	0	0	3	0	3	0	4	43	1	0	48	128
7:15 PM	0	8	0	2	0	10	0	1	72	3	0	78	0	1	1	1	0	3	0	3	41	1	0	45	134
7:30 PM	0	5	0	2	0	7	0	1	52	4	0	57	0	0	1	3	0	4	0	2	36	0	0	38	106
7:45 PM	0	1	1	3	0	5	0	0	51	4	0	55	0	2	0	1	0	3	0	1	31	0	0	32	95
Hourly Total	0	19	1	11	0	31	0	4	237	16	0	256	0	3	2	8	0	13	0	10	151	2	0	163	463
8:00 PM	0	13	0	8	0	21	0	1	58	3	0	62	0	0	0	1	0	1	0	3	37	1	0	41	125
8:15 PM	0	3	0	2	0	5	0	1	45	3	0	49	0	0	0	3	0	3	0	2	29	0	0	31	88
8:30 PM	0	2	0	3	0	5	0	1	46	4	0	53	0	0	0	2	0	2	0	2	31	0	0	33	93
8:45 PM	0	5	0	4	0	9	0	0	54	3	0	57	0	0	1	0	0	1	0	1	37	1	0	39	106
Hourly Total	0	23	0	17	0	40	0	3	205	13	0	221	0	0	1	6	0	7	0	8	134	2	0	144	412
9:00 PM	0	6	1	0	0	7	0	1	51	4	0	56	0	0	0	2	0	2	0	0	27	0	0	27	92
9:15 PM	0	2	0	3	0	5	0	2	29	5	0	36	0	1	3	0	0	4	0	3	22	0	0	25	70
9:30 PM	0	2	0	0	0	2	0	1	22	1	0	24	0	0	0	1	0	1	0	1	18	0	0	19	46
9:45 PM	0	2	0	2	0	4	0	0	30	3	0	33	0	0	0	0	0	0	0	2	22	0	0	24	61
Hourly Total	0	12	1	5	0	18	0	4	132	13	0	149	0	1	3	3	0	7	0	6	69	0	0	95	269
10:00 PM	0	3	0	1	0	4	0	0	35	4	0	39	0	0	0	0	0	0	0	2	29	0	0	31	74
10:15 PM	0	2	0	0	0	2	0	0	28	2	0	30	0	0	1	0	0	1	0	0	12	1	0	13	46
10:30 PM	0	6	0	3	0	9	0	0	24	1	0	25	0	0	0	0	0	0	0	1	11	0	0	12	46
10:45 PM	0	5	0	1	0	6	0	0	10	1	0	11	0	0	0	0	0	0	0	1	6	0	0	7	24
Hourly Total	0	16	0	5	0	21	0	0	97	8	0	105	0	0	1	0	0	1	0	4	58	1	0	63	190
11:00 PM	0	8	0	2	0	10	0	0	16	2	0	17	0	0	0	0	0	0	0	1	5	0	0	6	33
11:15 PM	0	1	0	2	0	3	0	0	11	1	0	12	0	0	0	0	0	0	0	2	3	0	0	5	20
11:30 PM	0	1	0	0	0	1	0	0	9	1	0	10	0	0	0	0	0	0	0	0	6	0	0	6	17
11:45 PM	0	0	0	2	0	2	0	0	5	1	0	6	0	0	0	0	0	0	0	0	5	0	0	5	13
Hourly Total	0	10	0	6	0	16	0	0	40	6	0	46	0	0	0	0	0	0	0	3	19	0	0	22	83
DAILY TOTAL	1	751	14	430	1	1198	0	138	3866	744	0	4748	0	48	26	139	0	213	0	451	3505	63	17	4019	10176
Cars	1	645	14	382	1	1022	0	138	3802	627	0	4567	0	47	26	139	0	212	0	361	3474	62	17	3807	9698
Heavy Vehicles	0	106	0	88	0	174	0	0	84	117	0	181	0	1	0	0	0	1	0	90	31	1	0	122	478
Heavy Vehicle %	0.00%	14.11%	0.00%	15.81%	0.00%	14.55%	0.00%	0.00%	1.66%	15.73%	0.00%	3.81%	0.00%	2.08%	0.00%	0.00%	0.00%	0.47%	0.00%	19.96%	0.88%	1.59%	0.00%	3.04%	4.70%

**CR 132 @ Evergreen Boulevard NW
Coon Rapids Minnesota
Wednesday, July 28, 2021**

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	18	0	3	0	21	0	3	44	10	0	57	0	1	0	2	0	3	0	7	59	4	0	70	59
11:15 AM	0	19	0	5	0	24	0	0	49	9	0	58	0	1	0	1	0	2	0	4	55	0	0	59	55
11:30 AM	0	14	0	5	0	19	0	2	55	22	0	79	0	1	1	1	0	3	0	6	65	1	4	72	65
11:45 AM	0	22	1	5	0	28	0	4	63	15	0	82	0	0	1	9	0	10	0	5	68	1	6	74	68
Peak Hour Total	0	73	1	18	0	92	0	9	211	56	0	276	0	3	2	13	0	18	0	22	247	6	10	276	247
PHF	0.000	0.830	0.260	0.900	0.000	0.821	0.000	0.563	0.837	0.636	0.000	0.841	0.000	0.760	0.500	0.361	0.000	0.450	0.000	0.788	0.908	0.375	0.417	0.929	0.908

PM Peak Hour

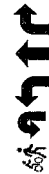
Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
2:45 PM	0	13	1	5	0	19	0	8	85	31	0	124	0	1	1	5	0	7	0	9	66	3	0	78	66
3:00 PM	0	16	0	6	0	22	0	6	88	14	0	108	0	2	3	10	0	15	0	8	82	3	0	93	82
3:15 PM	0	15	0	12	0	27	0	1	103	23	0	127	0	0	0	2	0	2	0	9	70	1	0	80	70
3:30 PM	0	46	1	23	0	70	0	1	85	8	0	74	0	1	0	3	0	4	0	7	102	1	1	110	102
Peak Hour Total	0	90	2	46	0	138	0	16	341	76	0	433	0	4	4	20	0	28	0	33	320	6	1	381	320
PHF	0.000	0.489	0.500	0.500	0.000	0.493	0.000	0.500	0.828	0.613	0.000	0.852	0.000	0.500	0.333	0.500	0.000	0.467	0.000	0.917	0.784	0.667	0.260	0.820	0.784

Total Vehicles On Leg		2418	
Vehicles Entering Intersection	1196	Vehicles Exiting Intersection	1222
Southbound			
Cars	362	14	645
Heavy	68	0	106
Total	430	14	751

Total Vehicles on Leg 8363	Vehicles Entering Intersection 4019	Eastbound	Cars	Heavy	Total
	Vehicles Exiting Intersection 4344		17	0	17
			0	0	0
			361	90	451
3474	31	3505			
62	1	63			

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection 4748	Total Vehicles on Leg 9143
627	117	744			
3602	64	3666			
138	0	138			
0	0	0	Vehicles Exiting Intersection 4395		
0	0	0			

Cars	0	0	47	26	139
Heavy	0	0	1	0	0
Total	0	0	48	26	139
Northbound					
Vehicles Entering Intersection 213			Vehicles Exiting Intersection 215		
Total Vehicles On Leg			428		



Daily Volumes

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2123

Study Date : 07/28/2021

Signal Warrants - Summary

Major Street Approaches

Eastbound: CR 132 (85th Ave. NW)

Number of Lanes : 2+

Total Approach Volume: 4,019

Westbound: CR 132 (85th Ave. NW)

Number of Lanes :2+

Total Approach Volume: 4,748

Minor Street Approaches

Northbound: Parking Lot

Number of Lanes :1

Total Approach Volume: 213

Southbound: Evergreen Blvd. NW

Number of Lanes :1

Total Approach Volume: 1,196

Warrant Summary (Urban Values Apply)

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

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

Required volumes reached for 1 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 2 hours, 8 are needed

Required 1B volumes reached for 3 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.....Satisfied

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

Number of one hour periods (8) volumes exceed minimum >= required (1). 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 2123

Study Date : 07/28/2021

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 1 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**

Time	Major Road CR 132 (85th Ave. NW)				Total	Minor Road Parking Lot		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
15:00 - 16:00	384	+	388	=	772	23	151	Yes
14:45 - 15:45	361	+	433	=	794	28	138	No
16:00 - 17:00	391	+	394	=	785	20	147	No
14:30 - 15:30	329	+	453	=	782	29	85	No
16:30 - 17:30	371	+	407	=	778	19	110	No
16:15 - 17:15	369	+	408	=	777	24	128	No
16:45 - 17:45	341	+	403	=	744	15	74	No
14:15 - 15:15	319	+	411	=	730	32	80	No
17:00 - 18:00	346	+	364	=	710	11	70	No
14:00 - 15:00	283	+	390	=	673	21	85	No
17:15 - 18:15	333	+	337	=	670	6	63	No
11:45 - 12:45	285	+	382	=	667	30	96	No
11:30 - 12:30	290	+	363	=	653	22	101	No
12:00 - 13:00	265	+	378	=	643	23	77	No
17:30 - 18:30	304	+	322	=	626	11	66	No
12:15 - 13:15	275	+	347	=	622	22	49	No
13:45 - 14:45	279	+	342	=	621	19	78	No
17:45 - 18:45	315	+	302	=	617	12	61	No
13:30 - 14:30	260	+	347	=	607	20	75	No
11:15 - 12:15	278	+	318	=	596	21	110	No
13:00 - 14:00	261	+	313	=	574	19	56	No
13:15 - 14:15	235	+	332	=	567	18	72	No
12:30 - 13:30	249	+	314	=	563	22	53	No
12:45 - 13:45	241	+	315	=	556	17	53	No
18:00 - 19:00	262		292		554	12	45	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2123

Study Date : 07/28/2021

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

Volume Requirements

Veh/Hr Major = **900**

Veh/Hr Minor = **75**

Time	Major Road CR 132 (85th Ave. NW)				Total	Minor Road Parking Lot		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
14:45 - 15:45	361	+	433	=	794	28	138	No
16:00 - 17:00	391	+	394	=	785	20	147	No
14:30 - 15:30	329	+	453	=	782	29	85	No
15:15 - 16:15	404	+	376	=	780	12	168	No
16:30 - 17:30	371	+	407	=	778	19	110	No
16:15 - 17:15	369	+	408	=	777	24	128	No
15:00 - 16:00	384	+	388	=	772	23	151	No
15:30 - 16:30	415	+	340	=	755	16	174	No
15:45 - 16:45	401	+	354	=	755	17	152	No
16:45 - 17:45	341	+	403	=	744	15	74	No
14:15 - 15:15	319	+	411	=	730	32	80	No
17:00 - 18:00	346	+	364	=	710	11	70	No
14:00 - 15:00	283	+	390	=	673	21	85	No
17:15 - 18:15	333	+	337	=	670	6	63	No
11:45 - 12:45	285	+	382	=	667	30	96	No
11:30 - 12:30	290	+	363	=	653	22	101	No
12:00 - 13:00	265	+	378	=	643	23	77	No
17:30 - 18:30	304	+	322	=	626	11	66	No
12:15 - 13:15	275	+	347	=	622	22	49	No
13:45 - 14:45	279	+	342	=	621	19	78	No
17:45 - 18:45	315	+	302	=	617	12	61	No
13:30 - 14:30	260	+	347	=	607	20	75	No
11:15 - 12:15	278	+	318	=	596	21	110	No
13:00 - 14:00	261	+	313	=	574	19	56	No
13:15 - 14:15	235		332		567	18	72	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2123

Study Date : 07/28/2021

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 2 hours meet 1A minimums.
Only 3 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 CR 132 (85th Ave. NW)

Minor Road Parking Lot

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1A?
14:45 - 15:45	361	+	433	=	794	28	138	Yes
15:45 - 16:45	401	+	354	=	755	17	152	Yes
14:30 - 15:30	329	+	453	=	782	29	85	No
16:45 - 17:45	341	+	403	=	744	15	74	No
14:15 - 15:15	319	+	411	=	730	32	80	No
17:00 - 18:00	346	+	364	=	710	11	70	No
14:00 - 15:00	283	+	390	=	673	21	85	No
17:15 - 18:15	333	+	337	=	670	6	63	No
11:45 - 12:45	285	+	382	=	667	30	96	No
11:30 - 12:30	290	+	363	=	653	22	101	No
12:00 - 13:00	265	+	378	=	643	23	77	No
17:30 - 18:30	304	+	322	=	626	11	66	No

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?
15:15 - 16:15	404	+	376	=	780	12	168	Yes
16:15 - 17:15	369	+	408	=	777	24	128	Yes
14:15 - 15:15	319	+	411	=	730	32	80	Yes
14:00 - 15:00	283	+	390	=	673	21	85	No
17:15 - 18:15	333	+	337	=	670	6	63	No
11:45 - 12:45	285	+	382	=	667	30	96	No
11:30 - 12:30	290	+	363	=	653	22	101	No
12:00 - 13:00	265	+	378	=	643	23	77	No
17:30 - 18:30	304	+	322	=	626	11	66	No
12:15 - 13:15	275	+	347	=	622	22	49	No
13:45 - 14:45	279	+	342	=	621	19	78	No
17:45 - 18:45	315	+	302	=	617	12	61	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2123

Study Date : 07/28/2021

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.

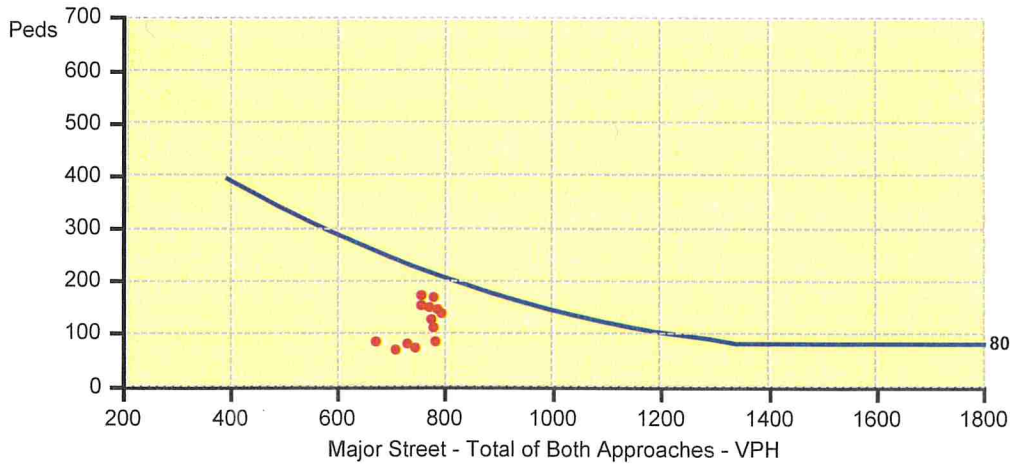
Summary

Only 0 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

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

Time	Major Road CR 132 (85th Ave. NW)				Total	Minor Road Parking Lot		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
14:45 - 15:45	361	+	433	=	794	28	138	No
16:00 - 17:00	391	+	394	=	785	20	147	No
14:30 - 15:30	329	+	453	=	782	29	85	No
15:15 - 16:15	404	+	376	=	780	12	168	No
16:30 - 17:30	371	+	407	=	778	19	110	No
16:15 - 17:15	369	+	408	=	777	24	128	No
15:00 - 16:00	384	+	388	=	772	23	151	No
15:30 - 16:30	415	+	340	=	755	16	174	No
15:45 - 16:45	401	+	354	=	755	17	152	No
16:45 - 17:45	341	+	403	=	744	15	74	No
14:15 - 15:15	319	+	411	=	730	32	80	No
							70	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2123

Study Date : 07/28/2021

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

Time	Major Road CR 132 (85th Ave. NW)				Total	Minor Road Parking Lot		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
14:45 - 15:45	361	+	433	=	794	28	138	No
16:00 - 17:00	391	+	394	=	785	20	147	No
14:30 - 15:30	329	+	453	=	782	29	85	No
15:15 - 16:15	404	+	376	=	780	12	168	No
16:30 - 17:30	371	+	407	=	778	19	110	No
16:15 - 17:15	369	+	408	=	777	24	128	No
15:00 - 16:00	384	+	388	=	772	23	151	No
15:30 - 16:30	415	+	340	=	755	16	174	No
15:45 - 16:45	401	+	354	=	755	17	152	No
16:45 - 17:45	341	+	403	=	744	15	74	No
14:15 - 15:15	319	+	411	=	730	32	80	No
						70		No

