

Date : 07/29/08

Count Number : TMC0825

Location : CSAH 54 (20th Ave. S.)

@ CR J (Ramsey CR)

CSAH 54

#2

899

472
D 245
E 189
F 38

427



North

CR J (Ramsey CR)

271
G 271
H 3635
J 840
4746

#3

1044

5790

CR J (Ramsey CR)

6928

#1

3880

3048
C 156
B 1006
A 1886

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

35E S. (On Ramp)

2915

#4

2915

Anoka County Highway Department

Traffic Volume and Turning

Movement Study

Date : 07/29/08

Count Number : TMC0825

Location : CSAH 54 (20th Ave. S.)

@ CR J (Ramsey CR)

Hour: 6:30 - 7:30 AM

CSAH 54

#2

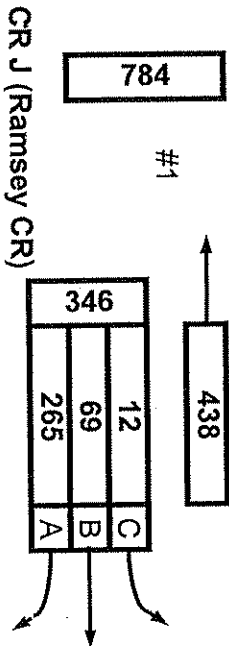
126

91
60
28
3
D
E
F

35



North



#1

CR J (Ramsey CR)

CR J (Ramsey CR)

23
378
191
592
G
H
J

#3

72

664

35E S. (On Ramp)

484

#4

484

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 : 07/29/08

Count Number : TMC0825

Location : CSAH 54 (20th Ave. S.)

@ CR J (Ramsey CR)

Hour: 4:45 - 5:45 PM

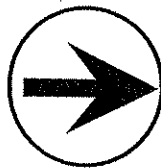
CSAH 54

#2

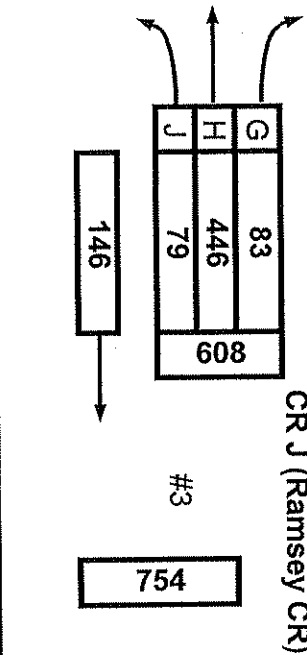
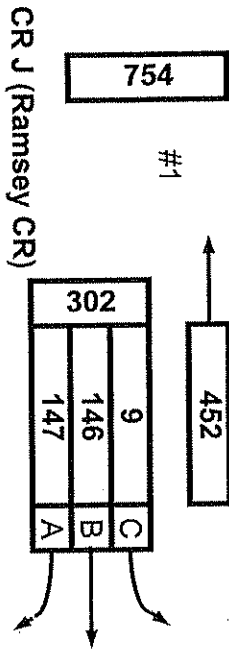
104

12
9
9
0
D
E
F

92



North



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

35E S. (On Ramp)

232

#4

232

Anoka County Highway Department

Traffic Volume and Turning

Movement Study

# Anoka County Highway Department

## Traffic Engineering Section Traffic Volume and Turning Movement Study

File Name : TMC0825  
Site Code : TMC0825  
Start Date : 07/29/200  
Page No : 1

Weather: Hot & Sunny  
Counter: DB-400  
Counted by: Jake/Mike

### Groups Printed- Unshifted - Bank 1

Start Time	CSAH 54 (20th ave. S.) Southbound					CR J (Ramsey CR) Westbound					35E South ( On Ramp) Northbound					CR J (Ramsey CR) Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total			
06:00	3	6	15	0	24	35	52	6	0	93	0	0	0	0	0	2	9	69	0	80	0	197	197
06:15	2	9	11	0	22	32	49	3	4	84	0	0	0	0	0	0	7	76	2	83	6	189	195
06:30	0	5	20	0	25	48	101	9	0	158	0	0	0	0	0	6	19	78	1	103	1	286	287
06:45	3	1	19	1	23	54	86	5	0	145	0	0	0	0	0	1	24	95	2	120	3	288	291
Total	8	21	65	1	94	169	288	23	4	480	0	0	0	0	0	9	59	318	5	386	10	960	970
07:00	0	17	7	0	24	44	88	5	7	137	0	0	0	0	0	3	13	44	3	60	10	221	231
07:15	0	5	14	3	19	45	103	4	5	152	0	0	0	0	0	2	13	48	3	63	11	234	245
07:30	0	5	5	0	10	16	27	9	2	52	0	0	0	0	0	0	12	64	6	76	8	138	146
07:45	2	4	13	0	19	32	57	2	8	91	0	0	0	0	0	0	6	31	1	37	9	147	156
Total	2	31	39	3	72	137	275	20	22	432	0	0	0	0	0	5	44	187	13	236	38	740	778
08:00	0	2	2	0	4	29	33	6	1	68	0	0	0	0	0	0	2	34	0	36	1	108	109
08:15	0	7	3	1	10	32	67	6	12	105	0	0	0	0	0	0	6	24	3	30	16	145	161
08:30	0	1	1	0	2	24	44	3	6	71	0	0	0	0	0	0	5	18	0	23	6	96	102
08:45	1	2	1	0	4	19	43	3	4	65	0	0	0	0	0	0	14	30	3	44	7	113	120
Total	1	12	7	1	20	104	187	18	23	309	0	0	0	0	0	0	27	106	6	133	30	462	492
09:00	0	2	3	1	5	7	37	3	3	47	0	0	0	0	0	0	2	13	0	15	4	67	71
09:15	0	1	1	0	2	13	29	1	3	43	0	0	0	0	0	0	0	16	2	16	5	61	66
09:30	0	2	1	0	3	6	20	2	4	28	0	0	0	0	0	0	12	39	2	51	6	82	88
09:45	0	0	0	0	0	9	28	0	5	37	0	0	0	0	0	0	6	18	1	24	6	61	67
Total	0	5	5	1	10	35	114	6	15	155	0	0	0	0	0	0	20	86	5	106	21	271	292
10:00	0	2	0	0	2	5	17	1	5	23	0	0	0	0	0	1	5	20	2	26	7	51	58
10:15	0	1	1	1	2	7	28	10	3	45	0	0	0	0	0	0	17	17	4	34	8	81	89
10:30	1	1	1	2	3	1	35	5	3	41	0	0	0	0	0	0	5	10	0	15	5	59	64
10:45	1	0	1	0	2	2	29	1	2	32	0	0	0	0	0	0	11	12	0	23	2	57	59
Total	2	4	3	3	9	15	109	17	13	141	0	0	0	0	0	1	38	59	6	98	22	248	270
11:00	2	1	2	0	5	3	26	1	4	30	0	0	0	0	0	1	15	23	1	39	5	74	79
11:15	0	4	5	1	9	6	35	4	7	45	0	0	0	0	0	3	14	29	3	46	11	100	111
11:30	1	4	4	0	9	5	50	2	3	57	0	0	0	0	0	1	15	19	5	35	8	101	109
11:45	1	0	2	2	3	6	53	2	6	61	0	0	0	0	0	4	13	32	3	49	11	113	124
Total	4	9	13	3	26	20	164	9	20	193	0	0	0	0	0	9	57	103	12	169	35	388	423
12:00	1	4	12	2	17	6	42	4	1	52	0	0	0	0	0	3	15	51	7	69	10	138	148
12:15	1	6	6	1	13	10	51	0	1	61	0	0	0	0	0	9	22	41	1	72	3	146	149
12:30	0	4	4	0	8	14	42	1	6	57	0	0	0	0	0	3	32	25	4	60	10	125	135
12:45	1	6	8	0	15	16	43	2	8	61	0	0	0	0	0	1	15	23	1	39	9	115	124
Total	3	20	30	3	53	46	178	7	16	231	0	0	0	0	0	16	84	140	13	240	32	524	556
13:00	0	6	0	3	6	8	58	2	2	68	0	0	0	0	0	6	19	30	0	55	5	129	134
13:15	0	4	0	1	4	6	62	1	1	69	0	0	0	0	0	6	13	26	5	45	7	118	125
13:30	0	0	7	0	7	3	57	2	3	62	0	0	0	0	0	8	26	38	6	72	9	141	150
13:45	1	2	3	0	6	9	33	8	2	50	0	0	0	0	0	1	18	35	2	54	4	110	114
Total	1	12	10	4	23	26	210	13	8	249	0	0	0	0	0	21	76	129	13	226	25	498	523
14:00	2	0	5	2	7	4	76	9	2	89	0	0	0	0	0	2	10	31	1	43	5	139	144
14:15	3	5	4	1	12	5	80	1	0	86	0	0	0	0	0	3	24	49	5	76	6	174	180
14:30	1	2	2	2	5	7	84	2	1	93	0	0	0	0	0	2	11	25	1	38	4	136	140
14:45	0	6	0	0	6	16	76	2	3	94	0	0	0	0	0	3	17	26	2	46	5	146	151
Total	6	13	11	5	30	32	316	14	6	362	0	0	0	0	0	10	62	131	9	203	20	595	615
15:00	1	4	1	1	6	6	44	1	2	51	0	0	0	0	0	4	28	17	4	49	7	106	113
15:15	1	2	4	0	7	12	70	10	5	92	0	0	0	0	0	6	54	33	1	93	6	192	198
15:30	0	3	1	0	4	18	95	3	5	116	0	0	0	0	0	3	8	26	1	37	6	157	163
15:45	0	2	0	0	2	16	78	7	6	101	0	0	0	0	0	4	17	31	1	52	7	155	162
Total	2	11	6	1	19	52	287	21	18	360	0	0	0	0	0	17	107	107	7	231	26	610	636
16:00	0	2	0	0	2	11	63	2	1	76	0	0	0	0	0	1	10	31	0	42	1	120	121
16:15	0	4	3	0	7	14	80	1	2	95	0	0	0	0	0	4	26	18	4	48	6	150	156
16:30	1	7	5	0	13	15	96	6	1	117	0	0	0	0	0	15	50	37	1	102	2	232	234
16:45	0	2	0	0	2	13	104	22	2	139	0	0	0	0	0	3	62	34	2	99	4	240	244
Total	1	15	8	0	24	53	343	31	6	427	0	0	0	0	0	23	148	120	7	291	13	742	755
17:00	0	0	0	0	0	13	84	14	3	111	0	0	0	0	0	6	29	45	3	80	6	191	197
17:15	0	2	2	0	4	20	108	24	2	152	0	0	0	0	0	0	29	30	0	59	2	215	217
17:30	0	2	4	0	6	33	150	23	2	206	0	0	0	0	0	0	26	38	1	64	3	276	279
17:45	2	5	4	0	11	18	101	3	4	122	0	0	0	0	0	0	21	21	2	42	6	175	181
Total	2	9	10	0	21	84	443	64	11	591	0	0	0	0	0	6	105	134	6	245	17	857	874
18:00	2	6	5	1	13	3	73	20	1	96	0	0	0	0	0	0	15	25	0	40	2	149	151
18:15	0	3	0	0	3	7	76	1	0	84	0	0	0	0	0	0	10	18	1	28	1	115	116
18:30	0	2	0	0	2	3	70	0	0	73	0	0	0	0	0	0	6	16	0	22	0	97	97
18:45	0	2	3	0	5	3	45	3	0	51	0	0	0	0	0	2	8	16	0	26	0	82	82
Total	2	13	8	1	23	16	264	24	1	304	0	0	0	0	0	2	39	75	1	116	3	443	446

# Anoka County Highway Department

## Traffic Engineering Section Traffic Volume and Turning Movement Study

File Name : TMC0825  
Site Code : TMC0825  
Start Date : 07/29/200  
Page No : 2

Weather: Hot & Sunny  
Counter: DB-400  
Counted by: Jake/Mike

### Groups Printed- Unshifted - Bank 1

Start Time	CSAH 54 (20th ave. S.) Southbound					CR J (Ramsey CR) Westbound					35E South ( On Ramp) Northbound					CR J (Ramsey CR) Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total			
19:00	0	0	0	0	0	0	45	0	2	45	0	0	0	0	0	0	4	8	0	12	2	57	59
19:15	0	1	4	0	5	3	35	0	1	38	0	0	0	0	0	3	6	9	0	18	1	61	62
19:30	0	2	5	0	7	3	32	1	1	36	0	0	0	0	0	0	15	10	0	25	1	68	69
19:45	0	1	1	0	2	1	25	1	2	27	0	0	0	0	0	2	4	14	0	20	2	49	51
<b>Total</b>	0	4	10	0	14	7	137	2	6	146	0	0	0	0	0	5	29	41	0	75	6	235	241
20:00	0	0	1	0	1	3	42	0	1	45	0	0	0	0	0	4	9	8	0	21	1	67	68
20:15	0	0	1	0	1	1	42	0	0	43	0	0	0	0	0	2	2	11	0	15	0	59	59
20:30	0	0	4	0	4	2	32	0	0	34	0	0	0	0	0	2	9	15	0	26	0	64	64
20:45	2	3	4	0	9	7	37	0	1	44	0	0	0	0	0	7	18	20	0	45	1	98	99
<b>Total</b>	2	3	10	0	15	13	153	0	2	166	0	0	0	0	0	15	38	54	0	107	2	288	290
21:00	0	0	2	0	2	7	24	0	0	31	0	0	0	0	0	4	23	30	1	57	1	90	91
21:15	0	5	1	0	6	10	65	2	0	77	0	0	0	0	0	5	18	27	0	50	0	133	133
21:30	0	0	1	0	1	10	54	0	0	64	0	0	0	0	0	5	17	19	0	41	0	106	106
21:45	2	2	6	0	10	4	24	0	0	28	0	0	0	0	0	3	15	20	0	38	0	76	76
<b>Total</b>	2	7	10	0	19	31	167	2	0	200	0	0	0	0	0	17	73	96	1	186	1	405	406
<b>Grand Total</b>	38	189	245	26	472	840	3635	271	171	4746	0	0	0	0	0	156	1006	1886	104	3048	301	8266	8567
Apprch %	8.1	40	51.9			17.7	76.6	5.7			0	0	0			5.1	33	61.9					
Total %	0.5	2.3	3		5.7	10.2	44	3.3		57.4	0	0	0		0	1.9	12.2	22.8		36.9	3.5	96.5	
Unshifted	38	189	245		498	840	3635	271		4917	0	0	0		0	156	1006	1886		3152	0	0	8567
% Unshifted	100	100	100	100	100	100	100	100	100	100	0	0	0	0	0	100	100	100	100	100	0	0	100
Bank 1	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0
% Bank 1	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0

Start Time	CSAH 54 (20th ave. S.) Southbound				CR J (Ramsey CR) Westbound				35E South ( On Ramp) Northbound				CR J (Ramsey CR) Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:30																	
06:30	0	5	20	25	48	101	9	158	0	0	0	0	6	19	78	103	286
06:45	3	1	19	23	54	86	5	145	0	0	0	0	1	24	95	120	288
07:00	0	17	7	24	44	88	5	137	0	0	0	0	3	13	44	60	221
07:15	0	5	14	19	45	103	4	152	0	0	0	0	2	13	48	63	234
<b>Total Volume</b>	3	28	60	91	191	378	23	592	0	0	0	0	12	69	265	346	1029
<b>% App. Total</b>	3.3	30.8	65.9		32.3	83.9	3.9		0	0	0		3.5	19.9	76.6		
PHF	.250	.412	.750	.910	.884	.917	.639	.937	.000	.000	.000	.000	.500	.719	.697	.721	.893

Start Time	CSAH 54 (20th ave. S.) Southbound				CR J (Ramsey CR) Westbound				35E South ( On Ramp) Northbound				CR J (Ramsey CR) Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 12:00 to 21:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:45																	
16:45	0	2	0	2	13	104	22	139	0	0	0	0	3	62	34	99	240
17:00	0	0	0	0	13	84	14	111	0	0	0	0	6	29	45	80	191
17:15	0	2	2	4	20	108	24	152	0	0	0	0	0	29	30	59	215
17:30	0	2	4	6	33	150	23	206	0	0	0	0	0	26	38	64	276
<b>Total Volume</b>	0	6	6	12	79	446	83	608	0	0	0	0	9	146	147	302	922
<b>% App. Total</b>	0	50	50		13	73.4	13.7		0	0	0		3	48.3	48.7		
PHF	.000	.750	.375	.500	.598	.743	.865	.738	.000	.000	.000	.000	.375	.589	.817	.763	.835

**ANOKA COUNTY HIGHWAY  
PC-WARRANTS  
TRAFFIC SIGNAL WARRANT ANALYSIS**

Study Name :  
Study Date : 07/29/08  
Page No. : 1

**Signal Warrants - Summary**

**Major Street Approaches**

**Eastbound: CR J (Ramsey CR)**  
Number of Lanes: 1  
Approach Speed: 45  
Total Approach Volume: 3,048

**Westbound: CR J (Ramsey CR)**  
Number of Lanes: 1  
Approach Speed: 45  
Total Approach Volume: 4,746

**Minor Street Approaches**

**Northbound: 35E South ( On Ramp)**  
Number of Lanes: 1

Total Approach Volume: 0

**Southbound: CSAH 54 (20th ave. S.)**  
Number of Lanes: 1

Total Approach Volume: 472

**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 2 hours, 8 are needed
  - Warrant 1 A&B - Combination of Warrants ..... Not Satisfied  
Required volumes reached for 1 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 hour. Delay data not evaluated.
  - Warrant 3B - Peak Hour Volumes ..... Not Satisfied  
Volumes do not exceed minimums for any hour.
  
- 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

**ANOKA COUNTY HIGHWAY  
PC-WARRANTS  
TRAFFIC SIGNAL WARRANT ANALYSIS**

Study Name :  
Study Date : 07/29/08  
Page No. : 1

**Multi-Way Stop Warrant Report**

**Major Street Approaches**

**Eastbound: CR J (Ramsey CR)**  
Total Approach Volume: 3,048  
Approach Speed: 45

**Westbound: CR J (Ramsey CR)**  
Total Approach Volume: 4,746  
Approach Speed: 45

**Minor Street Approaches**

**Northbound: 35E South ( On Ramp)**  
Total Approach Volume: 0

**Southbound: CSAH 54 (20th ave. S.)**  
Total Approach Volume: 472

**Warrant Summary**

**Criteria A - Interim Measure** ..... Not Evaluated  
If traffic signals are justified, stop signs can be installed as an interim measure.

**Criteria B - Crash Experience** ..... Not Evaluated

**Criteria C - Minimum Volumes and Delays** ..... Not Satisfied  
Delay data not evaluated  
Required volumes reached for 0 hours, 8 are needed

**Criteria D - 80% of Volumes, Delays, and Crashes** ..... Not Evaluated  
Delay data not evaluated  
Number of crashes (-1) is less than the minimum required (4).  
Required volumes reached for 0 hours, 8 are needed

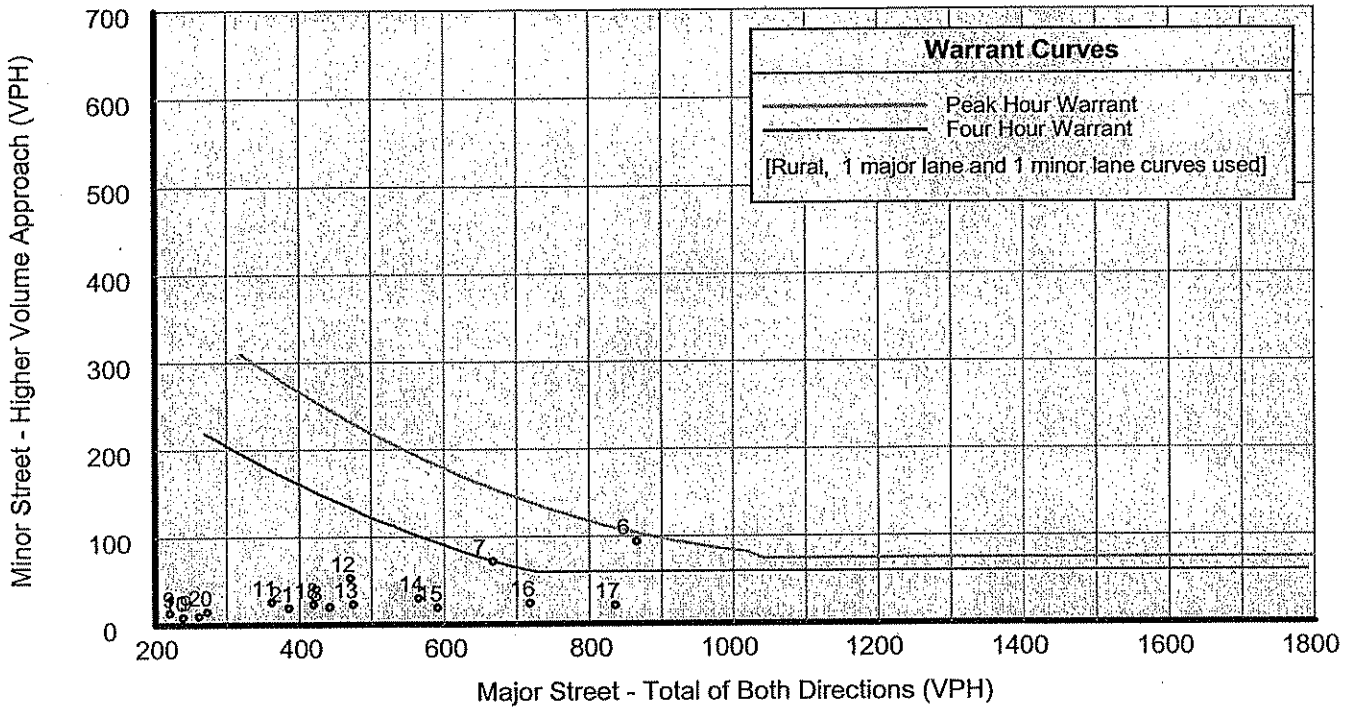
**Analysis of 8 Hour Volume Warrants:**

Time	Major Total	Minor Total	Crit C			Crit D		
			Major	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
00:00 - 01:00	0	0	210-No	140-No	No	240-No	160-No	No
01:00 - 02:00	0	0	210-No	140-No	No	240-No	160-No	No
02:00 - 03:00	0	0	210-No	140-No	No	240-No	160-No	No
03:00 - 04:00	0	0	210-No	140-No	No	240-No	160-No	No
04:00 - 05:00	0	0	210-No	140-No	No	240-No	160-No	No
05:00 - 06:00	0	0	210-No	140-No	No	240-No	160-No	No
06:00 - 07:00	866	94	210-Yes	140-No	Major	240-Yes	160-No	Major
07:00 - 08:00	668	72	210-Yes	140-No	Major	240-Yes	160-No	Major
08:00 - 09:00	442	20	210-Yes	140-No	Major	240-Yes	160-No	Major
09:00 - 10:00	261	10	210-Yes	140-No	Major	240-Yes	160-No	Major
10:00 - 11:00	239	9	210-Yes	140-No	Major	240-No	160-No	No
11:00 - 12:00	362	26	210-Yes	140-No	Major	240-Yes	160-No	Major
12:00 - 13:00	471	53	210-Yes	140-No	Major	240-Yes	160-No	Major
13:00 - 14:00	475	23	210-Yes	140-No	Major	240-Yes	160-No	Major
14:00 - 15:00	565	30	210-Yes	140-No	Major	240-Yes	160-No	Major
15:00 - 16:00	591	19	210-Yes	140-No	Major	240-Yes	160-No	Major
16:00 - 17:00	718	24	210-Yes	140-No	Major	240-Yes	160-No	Major
17:00 - 18:00	836	21	210-Yes	140-No	Major	240-Yes	160-No	Major
18:00 - 19:00	420	23	210-Yes	140-No	Major	240-Yes	160-No	Major
19:00 - 20:00	221	14	210-Yes	140-No	Major	240-No	160-No	No
20:00 - 21:00	273	15	210-Yes	140-No	Major	240-Yes	160-No	Major
21:00 - 22:00	386	19	210-Yes	140-No	Major	240-Yes	160-No	Major
22:00 - 23:00	0	0	210-No	140-No	No	240-No	160-No	No
23:00 - 00:00	0	0	210-No	140-No	No	240-No	160-No	No

# ANOKA COUNTY HIGHWAY PC-WARRANTS TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name :  
Study Date : 07/29/08  
Page No. : 2

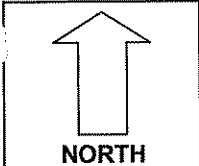
## Signal Warrants - Summary



### Analysis of 8-Hour Volume Warrants:

Hour Begin	Major Total	Higher Minor		War-1A			War-1B			War-1A&B		
		Vol	Dir	Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
00:00	0	0	NB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
01:00	0	0	NB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
02:00	0	0	NB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
03:00	0	0	NB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
04:00	0	0	NB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
05:00	0	0	NB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
06:00	866	94	SB	350-Yes	105-No	Major	525-Yes	53-Yes	Both	420-Yes	84-Yes	Both
07:00	668	72	SB	350-Yes	105-No	Major	525-Yes	53-Yes	Both	420-Yes	84-No	Major
08:00	442	20	SB	350-Yes	105-No	Major	525-No	53-No	---	420-Yes	84-No	Major
09:00	261	10	SB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
10:00	239	9	SB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
11:00	362	26	SB	350-Yes	105-No	Major	525-No	53-No	---	420-No	84-No	---
12:00	471	53	SB	350-Yes	105-No	Major	525-No	53-Yes	Minor	420-Yes	84-No	Major
13:00	475	23	SB	350-Yes	105-No	Major	525-No	53-No	---	420-Yes	84-No	Major
14:00	565	30	SB	350-Yes	105-No	Major	525-Yes	53-No	Major	420-Yes	84-No	Major
15:00	591	19	SB	350-Yes	105-No	Major	525-Yes	53-No	Major	420-Yes	84-No	Major
16:00	718	24	SB	350-Yes	105-No	Major	525-Yes	53-No	Major	420-Yes	84-No	Major
17:00	836	21	SB	350-Yes	105-No	Major	525-Yes	53-No	Major	420-Yes	84-No	Major
18:00	420	23	SB	350-Yes	105-No	Major	525-No	53-No	---	420-Yes	84-No	Major
19:00	221	14	SB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
20:00	273	15	SB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
21:00	386	19	SB	350-Yes	105-No	Major	525-No	53-No	---	420-No	84-No	---
22:00	0	0	NB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
23:00	0	0	NB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---





**COUNT LOCATION:**

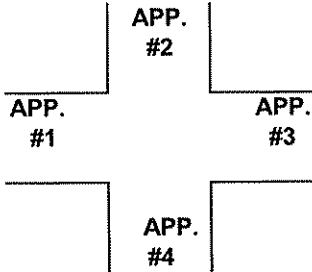
CSAH 54 (20th ave S.) @

**DATE:**

07/29/2008

CR J (Ramsey CR.)

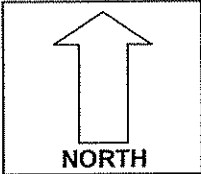
APP. #1 = CR J
APP. #2 = CSAH 54
APP. #3 = CR J
APP. #4 = 35E S. (On Ramp)



- HEAVY VEHICLE- ANY VEHICLE HAVING MORE THAN FOUR TIRES TOUCHING THE PAVEMENT
- A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.
  - B. RV- A HEAVY VEHICLE OPERATED BY A PRIVATE MOTORIST AND INVOLVED IN THE TRANSPORT OF RECREATIONAL EQUIPMENT OR FACILITIES.
  - C. BUSES- A HEAVY VEHICLE INVOLVED IN THE TRANSPORTATION OF GROUPS OF PEOPLE.

TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
6:00-6:15AM								
6:15-6:30						4		
6:30-6:45								1
6:45-7:00						3		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>8</b>
7:00-7:15						6		2
7:15-7:30						10		1
7:30-7:45						7		
7:45-8:00						9		35
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>70</b>
8:00-8:15						1		
8:15-8:30						14	1	
8:30-8:45						4		1
8:45-9:00						5		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>26</b>
9:00-9:15						3		1
9:15-9:30						4		
9:30-9:45						6		1
9:45-10:00						3		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>19</b>
10:00-10:15						4		1
10:15-10:30						7		
10:30-10:45						5		1
10:45-11:00						4		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>22</b>
11:00-11:15						5		
11:15-11:30						9		1
11:30-11:45						6		
11:45-12:00						9		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>30</b>
12:00-12:15						10		
12:15-12:30						2		
12:30-12:45						9		
12:45-1:00						4		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>34</b>
1:00-1:15						3		
1:15-1:30						6		1
1:30-1:45						6		2
1:45-2:00						5		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>24</b>
<b>TOTAL</b>						<b>TOTAL</b>		<b>233</b>

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COUNT LOCATION: \_\_\_\_\_

CSAH 54 (20th ave S.) @ \_\_\_\_\_

DATE: \_\_\_\_\_

07/30/2008

CR J (Ramsey CR.)

APP. #1 = CR J
APP. #2 = CSAH 54
APP. #3 = CR J
APP. #4 = 35E S. (On Ramp)

APP. #1	APP. #2	APP. #3	APP. #4
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- HEAVY VEHICLE- ANY VEHICLE HAVING MORE THAN FOUR TIRES TOUCHING THE PAVEMENT
- A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.
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  - C. BUSES- A HEAVY VEHICLE INVOLVED IN THE TRANSPORTATION OF GROUPS OF PEOPLE.

TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
2:00-2:15PM						4		
2:15-2:30						6		
2:30-2:45						4		
2:45-3:00						3		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>18</b>
3:00-3:15						5		1
3:15-3:30						4		1
3:30-3:45						7		
3:45-4:00						4		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>22</b>
4:00-4:15						2		
4:15-4:30						4		
4:30-4:45						3		
4:45-5:00						2		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>12</b>
5:00-5:15						4		
5:15-5:30						2		
5:30-5:45						2		
5:45-6:00						8		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>16</b>
6:00-6:15						2		
6:15-6:30								
6:30-6:45								
6:45-7:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>2</b>
7:00-7:15						1		
7:15-7:30						1		
7:30-7:45						1		
7:45-8:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>3</b>
8:00-8:15						2		
8:15-8:30								
8:30-8:45								
8:45-9:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>2</b>
9:00-9:15						2		
9:15-9:30								
9:30-9:45								
9:45-10:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>2</b>
					<b>TOTAL</b>		<b>TOTAL</b>	<b>77</b>

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