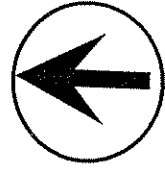


Date : 7/10/06

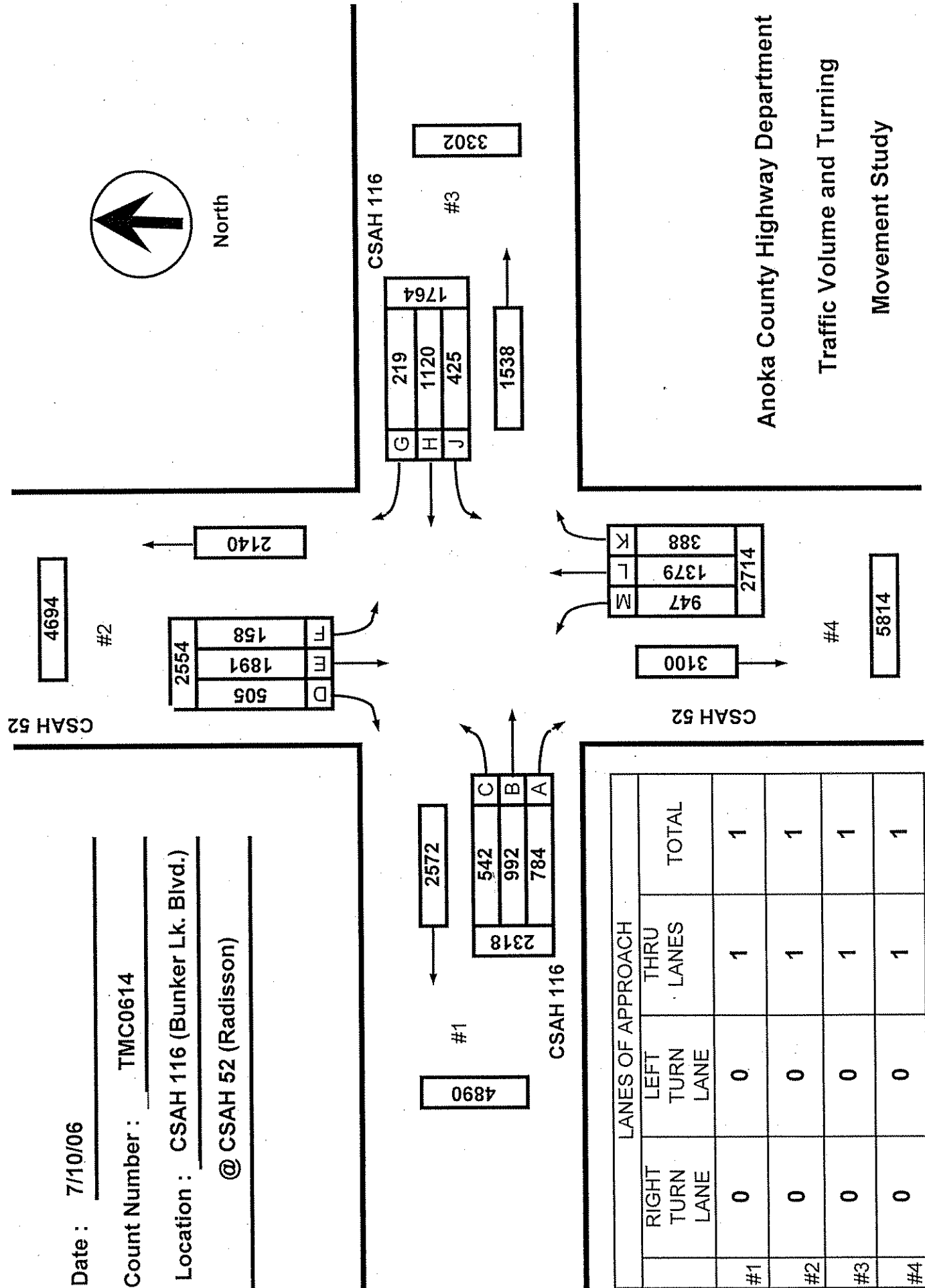
Count Number : TMC0614

Location : CSAH 116 (Bunker Lk. Blvd.)

@ CSAH 52 (Radisson)



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

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

File Name : tmc0614
Site Code : 06140101
Start Date : 07/10/2006
Page No : 1

Weather: sunny and warm
Counter: DB-400
Counted by: Jordan/Tom

Groups Printed- 1 - 1 - Unshifted

Start Time	CSAH 52 Southbound					CSAH 116 Westbound					CSAH 52 Northbound					CSAH 116 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			
	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0				
06:00	3	67	5	1	75	10	11	0	0	21	4	15	1	2	20	3	7	14	1	24	4	140	144
06:15	5	68	3	0	76	17	10	2	0	29	5	5	0	0	10	2	10	20	3	32	3	147	150
06:30	2	81	7	1	90	17	6	4	0	27	4	10	2	2	16	6	11	36	3	53	6	186	192
06:45	4	89	1	2	94	14	8	2	0	24	10	4	3	2	17	6	28	31	10	65	14	200	214
Total	14	305	16	4	335	58	35	8	0	101	23	34	6	6	63	17	56	101	17	174	27	673	700
07:00	4	116	6	3	126	15	28	2	3	45	5	3	4	2	12	7	12	29	6	48	14	231	245
07:15	3	87	12	3	102	12	22	2	0	36	11	7	3	5	21	7	12	22	1	41	9	200	209
07:30	1	105	16	4	122	11	26	1	2	38	12	3	2	2	17	5	25	28	8	58	16	235	251
07:45	1	66	14	4	81	16	23	1	2	40	18	6	2	1	26	4	14	17	4	35	11	182	193
Total	9	374	48	14	431	54	99	6	7	159	46	19	11	10	76	23	63	96	19	182	50	848	898
08:00	2	48	6	1	56	4	22	1	2	27	9	6	1	1	16	3	21	18	2	42	6	141	147
08:15	0	28	12	0	40	3	17	1	3	21	3	3	2	2	8	3	18	16	1	37	6	106	112
08:30	2	41	8	0	51	6	15	1	1	22	12	4	3	2	19	3	8	14	3	25	6	117	123
08:45	1	28	12	1	41	13	15	3	0	31	7	5	6	0	18	5	7	8	1	20	2	110	112
Total	5	145	38	2	188	26	69	6	6	101	31	18	12	5	61	14	54	56	7	124	20	474	494
09:00	4	28	9	1	41	3	3	5	1	11	6	7	10	4	23	4	16	9	3	29	9	104	113
09:15	2	29	16	3	47	12	14	1	1	27	10	7	5	2	22	10	9	9	3	28	9	124	133
09:30	3	30	7	0	40	2	11	2	0	15	4	15	1	2	20	6	19	8	5	33	7	108	115
09:45	0	20	4	1	24	10	10	2	1	22	7	7	5	4	19	2	4	12	1	18	7	83	90
Total	9	107	36	5	152	27	38	10	3	75	27	36	21	12	84	22	48	38	12	108	32	419	451
10:00	5	24	7	1	36	10	13	3	1	26	5	4	2	3	11	2	5	2	1	9	6	82	88
10:15	1	19	10	1	30	2	17	1	1	20	4	12	3	1	19	10	12	7	2	29	5	98	103
10:30	1	21	8	4	30	1	15	4	2	20	8	11	3	1	22	5	7	13	3	25	10	97	107
10:45	0	21	9	1	30	5	9	5	4	19	13	13	2	7	28	9	13	9	4	31	16	108	124
Total	7	85	34	7	126	18	54	13	8	85	30	40	10	12	80	26	37	31	10	94	37	385	422
11:00	1	20	11	0	32	2	14	2	0	18	11	8	5	1	24	4	13	12	3	29	4	103	107
11:15	0	19	4	1	23	6	12	3	1	21	7	15	3	5	25	9	15	11	6	35	13	104	117
11:30	0	28	3	2	31	8	13	1	0	22	7	14	4	5	25	6	13	7	1	26	8	104	112
11:45	2	21	9	2	32	1	22	0	1	23	9	11	7	2	27	6	10	5	1	21	6	103	109
Total	3	88	27	5	118	17	61	6	2	84	34	48	19	13	101	25	51	35	11	111	31	414	445
12:00	1	17	11	2	29	5	7	0	0	12	9	16	8	3	33	10	18	14	7	42	12	116	128
12:15	4	24	5	0	33	6	14	5	3	25	4	3	1	3	8	0	5	7	3	12	9	78	87
12:30	1	13	7	0	21	5	14	0	2	19	10	11	6	7	27	14	16	11	5	41	14	108	122
12:45	0	14	7	2	21	2	18	3	4	23	5	15	9	1	29	8	13	10	2	31	9	104	113
Total	6	68	30	4	104	18	53	8	9	79	28	45	24	14	97	32	52	42	17	126	44	406	450
13:00	1	12	5	0	18	6	19	4	3	29	12	13	7	4	32	9	17	9	1	35	8	114	122
13:15	0	22	2	2	24	4	7	0	1	11	10	14	8	2	32	8	9	11	3	28	8	95	103
13:30	4	14	8	0	26	4	9	4	0	17	11	10	0	3	21	6	11	3	1	20	4	84	88
13:45	3	14	7	0	24	4	7	2	1	13	11	10	10	3	31	12	7	8	5	27	9	95	104
Total	8	62	22	2	92	18	42	10	5	70	44	47	25	12	116	35	44	31	10	110	29	388	417
14:00	0	16	13	2	29	9	20	2	1	31	29	31	11	2	71	6	10	13	3	29	8	160	168
14:15	3	17	7	1	27	3	19	1	1	23	9	15	10	1	34	4	11	12	0	27	3	111	114
14:30	2	19	10	2	31	9	25	6	2	40	18	27	5	2	50	6	11	8	3	25	9	146	155
14:45	7	23	7	2	37	8	20	7	1	35	10	21	3	1	34	7	4	5	2	16	6	122	128
Total	12	75	37	7	124	29	84	16	5	129	66	94	29	6	189	23	36	38	8	97	26	539	565
15:00	6	28	11	2	45	10	41	15	3	66	7	13	2	2	22	11	9	6	1	26	8	159	167
15:15	8	29	14	3	51	11	25	12	3	48	13	35	16	11	64	14	43	18	6	75	23	238	261
15:30	7	30	12	2	49	9	21	10	2	40	21	41	9	4	71	5	12	5	2	22	10	182	192
15:45	6	27	11	3	44	10	24	11	3	45	44	48	5	4	97	9	25	10	4	44	14	230	244
Total	27	114	48	10	189	40	111	48	11	199	85	137	32	21	254	39	89	39	13	167	55	809	864
16:00	4	25	10	1	39	7	26	8	1	41	43	47	11	5	101	7	22	12	2	41	9	222	231
16:15	3	22	12	1	37	8	28	8	1	44	68	59	9	5	136	13	29	10	6	52	13	269	282
16:30	4	20	13	0	37	8	30	7	1	45	40	59	6	4	105	12	27	13	2	52	7	239	246
16:45	2	26	11	2	39	2	31	9	0	42	48	47	9	2	104	14	20	13	4	47	8	232	240
Total	13	93	46	4	152	25	115	32	3	172	199	212	35	16	446	46	98	48	14	192	37	962	999
17:00	2	18	10	1	30	7	28	4	4	39	45	62	8	3	115	13	26	12	3	51	11	235	246
17:15	2	36	11	2	49	4	37	7	3	48	35	66	10	4	111	16	28	18	2	62	11	270	281
17:30	3	24	14	0	41	4	28	4	1	36	35	54	15	1	104	9	14	26	1	49	3	230	233
17:45	3	28	8	1	39	3	33	6	1	42	21	42	12	1	75	10	20	11	1	41	4	197	201
Total	10	106	43	4	159	18	126	21	9	165	136	224	45	9	405	48	88	67	7	203	29		

Anoka County Highway Department
 Traffic Engineering
 Traffic Volume and Turning Movement Stud

File Name : tmc0614
 Site Code : 06140101
 Start Date : 07/10/2006
 Page No : 2

Weather: sunny and warm
 Counter: DB-400
 Counted by: Jordan/Tom

Groups Printed- 1 - 1 - Unshifted

Start Time	CSAH 52 Southbound					CSAH 116 Westbound					CSAH 52 Northbound					CSAH 116 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			
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0				
19:00	2	24	11	0	37	4	16	0	2	20	21	23	7	0	51	12	17	11	1	40	3	148	151
19:15	2	17	4	0	23	7	16	1	0	24	11	31	7	2	49	14	19	5	0	38	2	134	136
19:30	1	16	9	0	26	8	9	1	0	18	13	29	9	3	51	16	13	16	1	45	4	140	144
19:45	2	21	6	0	29	3	14	0	0	17	12	19	11	0	42	17	20	4	2	41	2	129	131
Total	7	78	30	0	115	22	55	2	2	79	57	102	34	5	193	59	69	36	4	164	11	551	562
20:00	2	9	0	0	11	7	16	4	1	27	10	22	5	0	37	13	17	7	0	37	1	112	113
20:15	1	19	6	0	26	3	14	3	0	20	10	22	8	0	40	11	23	13	0	47	0	133	133
20:30	5	22	1	0	28	9	10	2	0	21	6	23	7	1	36	15	20	26	0	61	1	146	147
20:45	1	11	4	0	16	2	9	3	0	14	2	14	6	0	22	11	13	13	0	37	0	89	89
Total	9	61	11	0	81	21	49	12	1	82	28	81	26	1	135	50	73	59	0	182	2	480	482
21:00	5	10	6	0	21	3	13	3	0	19	3	33	4	0	40	9	21	2	0	32	0	112	112
21:15	0	19	1	1	20	1	13	2	0	16	11	11	7	0	29	14	22	7	0	43	1	108	109
21:30	3	8	1	0	12	6	3	3	0	12	5	12	5	0	22	12	6	7	0	25	0	71	71
21:45	1	5	4	0	10	3	8	2	0	13	5	7	3	0	15	13	9	9	0	31	0	69	69
Total	9	42	12	1	63	13	37	10	0	60	24	63	19	0	106	48	58	25	0	131	1	360	361
Grand Total	158	189	505	70	2554	425	1120	219	72	1764	947	1379	388	153	2714	542	992	784	153	2318	448	9350	9798
Approch %	6.2	74.0	19.8			24.1	63.5	12.4			34.9	50.8	14.3			23.4	42.8	33.8					
Total %	1.7	20.2	5.4		27.3	4.5	12.0	2.3		18.9	10.1	14.7	4.1		29.0	5.8	10.6	8.4		24.8	4.6	95.4	

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

Study Name : **TMC0614**
Study Date : **07/14/06**
Page No. : **1**

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 52
Number of Lanes: 1
Approach Speed: 55
Total Approach Volume: 2,714

Southbound: CSAH 52
Number of Lanes: 1
Approach Speed: 55
Total Approach Volume: 2,554

Minor Street Approaches

Eastbound: CSAH 116
Number of Lanes: 1
Total Approach Volume: 2,318

Westbound: CSAH 116
Number of Lanes: 1
Total Approach Volume: 1,764

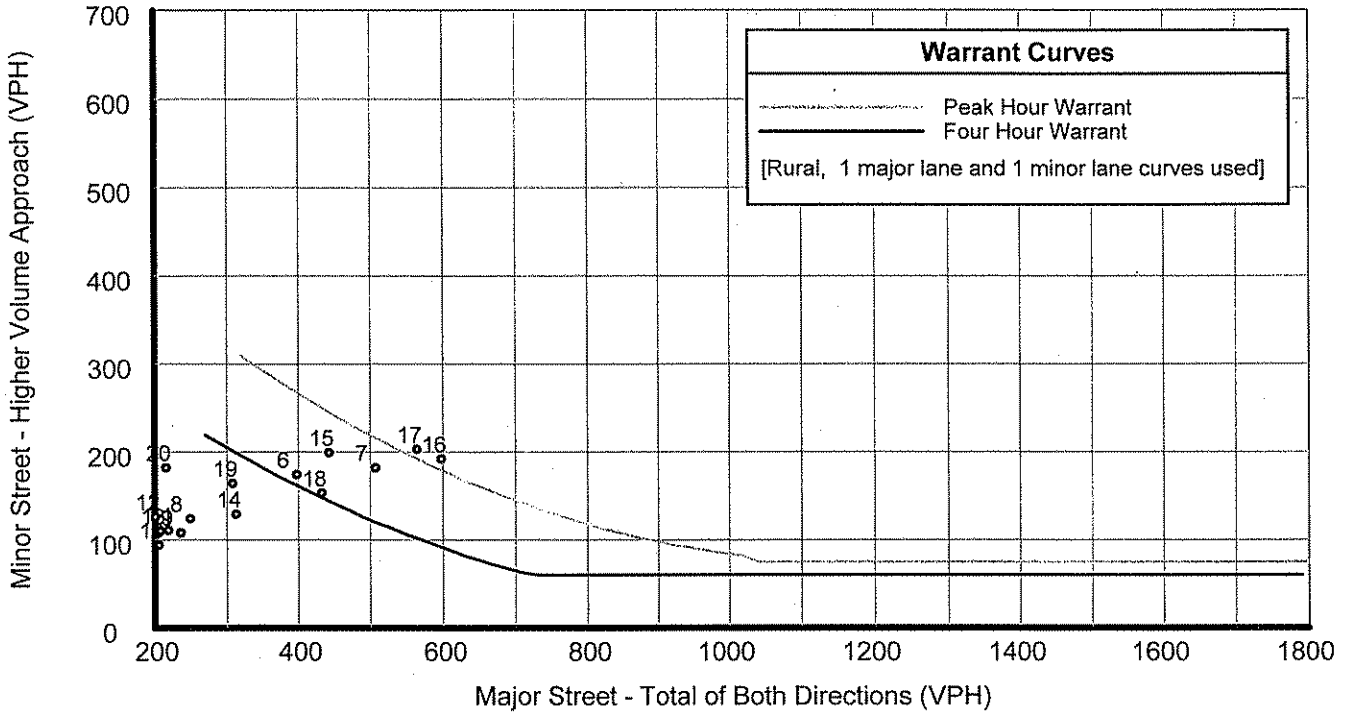
Warrant Summary (Rural values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Not Satisfied
Warrant 1A - Minimum Vehicular Volume Not Satisfied	
Required volumes reached for 6 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 5 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Satisfied
Number of hours (6) volumes exceed minimum >= minimum required (4).	
Warrant 3 - Peak Hour	Satisfied
Warrant 3A - Peak Hour Delay Satisfied	
Number of hours (14) volumes exceed minimum >= required (1). Delay data not evaluated.	
Warrant 3B - Peak Hour Volumes Satisfied	
Volumes exceed minimums for at least one 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 : TMC0614
Study Date : 07/14/06
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	EB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
01:00	0	0	EB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
02:00	0	0	EB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
03:00	0	0	EB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
04:00	0	0	EB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
05:00	0	0	EB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
06:00	398	174	EB	350-Yes	105-Yes	Both	525-No	53-Yes	Minor	420-No	84-Yes	Minor
07:00	507	182	EB	350-Yes	105-Yes	Both	525-No	53-Yes	Minor	420-Yes	84-Yes	Both
08:00	249	124	EB	350-No	105-Yes	Minor	525-No	53-Yes	Minor	420-No	84-Yes	Minor
09:00	236	108	EB	350-No	105-Yes	Minor	525-No	53-Yes	Minor	420-No	84-Yes	Minor
10:00	206	94	EB	350-No	105-No	---	525-No	53-Yes	Minor	420-No	84-Yes	Minor
11:00	219	111	EB	350-No	105-Yes	Minor	525-No	53-Yes	Minor	420-No	84-Yes	Minor
12:00	201	126	EB	350-No	105-Yes	Minor	525-No	53-Yes	Minor	420-No	84-Yes	Minor
13:00	208	110	EB	350-No	105-Yes	Minor	525-No	53-Yes	Minor	420-No	84-Yes	Minor
14:00	313	129	WB	350-No	105-Yes	Minor	525-No	53-Yes	Minor	420-No	84-Yes	Minor
15:00	443	199	WB	350-Yes	105-Yes	Both	525-No	53-Yes	Minor	420-Yes	84-Yes	Both
16:00	598	192	EB	350-Yes	105-Yes	Both	525-Yes	53-Yes	Both	420-Yes	84-Yes	Both
17:00	564	203	EB	350-Yes	105-Yes	Both	525-Yes	53-Yes	Both	420-Yes	84-Yes	Both
18:00	433	153	EB	350-Yes	105-Yes	Both	525-No	53-Yes	Minor	420-Yes	84-Yes	Both
19:00	308	164	EB	350-No	105-Yes	Minor	525-No	53-Yes	Minor	420-No	84-Yes	Minor
20:00	216	182	EB	350-No	105-Yes	Minor	525-No	53-Yes	Minor	420-No	84-Yes	Minor
21:00	169	131	EB	350-No	105-Yes	Minor	525-No	53-Yes	Minor	420-No	84-Yes	Minor
22:00	0	0	EB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---
23:00	0	0	EB	350-No	105-No	---	525-No	53-No	---	420-No	84-No	---

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

Study Name : TMC0614B
Study Date : 07/14/06
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 52

Number of Lanes: 2
Approach Speed: 55
Total Approach Volume: 2,714

Southbound: CSAH 52

Number of Lanes: 2
Approach Speed: 55
Total Approach Volume: 2,554

Minor Street Approaches

Eastbound: CSAH 116

Number of Lanes: 2

Total Approach Volume: 2,318

Westbound: CSAH 116

Number of Lanes: 2

Total Approach Volume: 1,764

Warrant Summary (Rural values apply.)

- Warrant 1 - Eight Hour Vehicular Volumes Not Satisfied
 - Warrant 1A - Minimum Vehicular Volume Not Satisfied
Required volumes reached for 5 hours, 8 are needed
 - Warrant 1B - Interruption of Continuous Traffic Not Satisfied
Required volumes reached for 0 hours, 8 are needed
 - Warrant 1 A&B - Combination of Warrants Not Satisfied
Required volumes reached for 3 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 Satisfied
 - Warrant 3A - Peak Hour Delay Satisfied
Number of hours (11) volumes exceed minimum >= required (1). 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

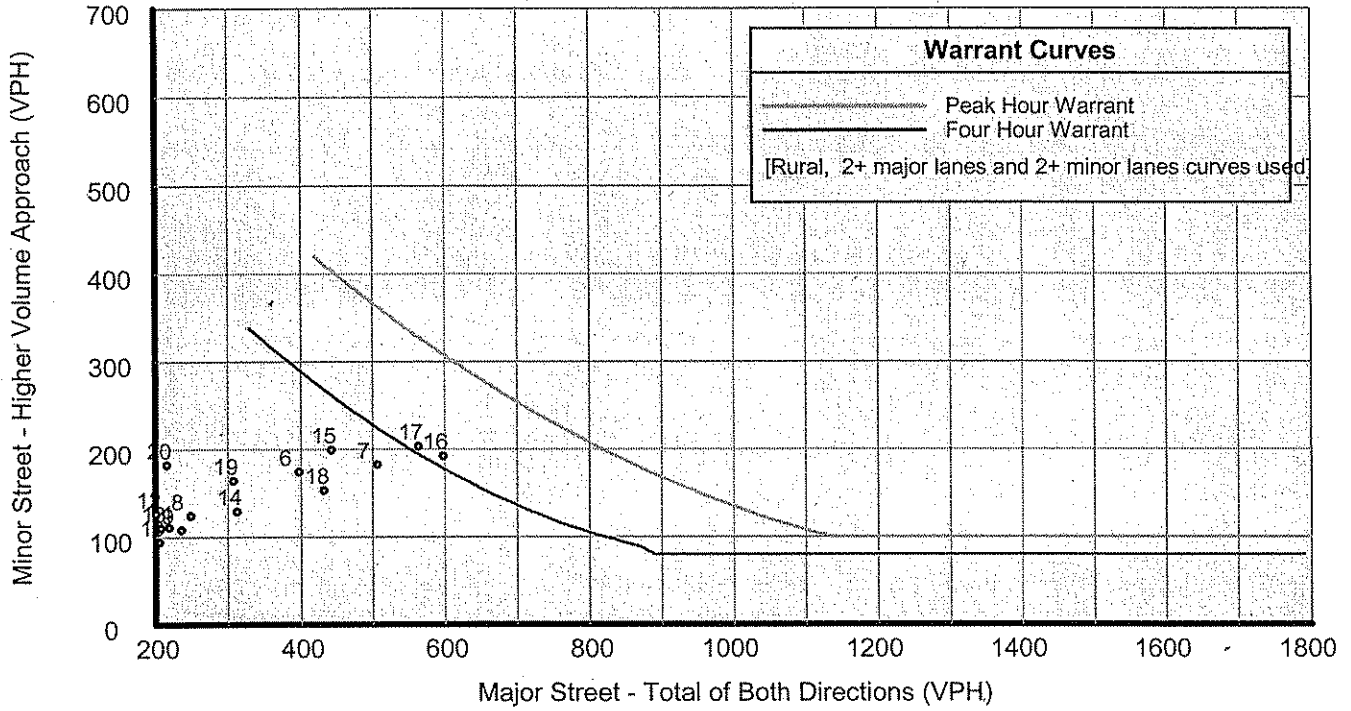
- Warrant 7 - Crash Experience Not Evaluated

- Warrant 8 - Roadway Network Not Evaluated

ANOKA COUNTY HIGHWAY PC-WARRANTS TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name : TMC0614B
Study Date : 07/14/06
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	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
01:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
02:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
03:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
04:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
05:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
06:00	398	174	EB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
07:00	507	182	EB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
08:00	249	124	EB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
09:00	236	108	EB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
10:00	206	94	EB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
11:00	219	111	EB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
12:00	201	126	EB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
13:00	208	110	EB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
14:00	313	129	WB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
15:00	443	199	WB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-No	112-Yes	Minor
16:00	598	192	EB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
17:00	564	203	EB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
18:00	433	153	EB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-No	112-Yes	Minor
19:00	308	164	EB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
20:00	216	182	EB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
21:00	169	131	EB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
22:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
23:00	0	0	EB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---

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

Study Name : **TMC0614**
Study Date : **07/14/06**
Page No. : **1**

Multi-Way Stop Warrant Report

Major Street Approaches

Northbound: CSAH 52
Total Approach Volume: **2,714**
Approach Speed: **55**

Southbound: CSAH 52
Total Approach Volume: **2,385**
Approach Speed: **55**

Minor Street Approaches

Eastbound: CSAH 116
Total Approach Volume: **2,318**

Westbound: CSAH 116
Total Approach Volume: **1,594**

Warrant Summary

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

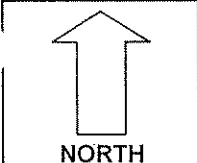
Criteria B - Crash Experience Not Evaluated

Criteria C - Minimum Volumes and Delays Satisfied
Delay data not evaluated
Required volumes reached for 12 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	398	275	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:00 - 08:00	507	341	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:00 - 09:00	249	225	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
09:00 - 10:00	236	183	210-Yes	140-Yes	Both	240-No	160-Yes	Minor
10:00 - 11:00	206	179	210-No	140-Yes	Minor	240-No	160-Yes	Minor
11:00 - 12:00	219	195	210-Yes	140-Yes	Both	240-No	160-Yes	Minor
12:00 - 13:00	201	205	210-No	140-Yes	Minor	240-No	160-Yes	Minor
13:00 - 14:00	208	180	210-No	140-Yes	Minor	240-No	160-Yes	Minor
14:00 - 15:00	313	226	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:00 - 16:00	350	281	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:00 - 17:00	522	279	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:00 - 18:00	564	368	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:00 - 19:00	433	277	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
19:00 - 20:00	308	243	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
20:00 - 21:00	216	264	210-Yes	140-Yes	Both	240-No	160-Yes	Minor
21:00 - 22:00	169	191	210-No	140-Yes	Minor	240-No	160-Yes	Minor
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



COUNT LOCATION:

CSAH 52 (Radisson.)

DATE:

07/13/2006

@ CSAH 116 (Bunker Lk. Blvd.)

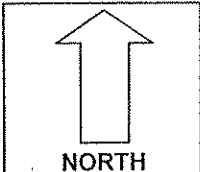
APP.#1= CSAH 116
APP.#2= CSAH 52
APP.#3= CSAH 116
APP.#4= CSAH 52

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.
 - 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						4		
6:15-6:30						3		
6:30-6:45						6		
6:45-7:00						13		1
HOURLY TOTAL						HOURLY TOTAL		27
7:00-7:15						13		1
7:15-7:30						9		
7:30-7:45						14		1
7:45-8:00						11		
HOURLY TOTAL						HOURLY TOTAL		49
8:00-8:15						6		
8:15-8:30						4		2
8:30-8:45						6		
8:45-9:00						2		
HOURLY TOTAL						HOURLY TOTAL		20
9:00-9:15						9		
9:15-9:30						9		
9:30-9:45						6	1	
9:45-10:00						8		
HOURLY TOTAL						HOURLY TOTAL		33
10:00-10:15						3		1
10:15-10:30						5		
10:30-10:45						10		
10:45-11:00						13		
HOURLY TOTAL						HOURLY TOTAL		32
11:00-11:15						4		1
11:15-11:30						13		1
11:30-11:45						7		1
11:45-12:00		1			1	6		
HOURLY TOTAL					1	HOURLY TOTAL		33
12:00-12:15						10		2
12:15-12:30						9		
12:30-12:45						13		1
12:45-1:00						8		1
HOURLY TOTAL						HOURLY TOTAL		44
1:00-1:15						8		
1:15-1:30						8		
1:30-1:45						4		
1:45-2:00						8		1
HOURLY TOTAL						HOURLY TOTAL		29
TOTAL					1	TOTAL		267

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COUNT LOCATION:

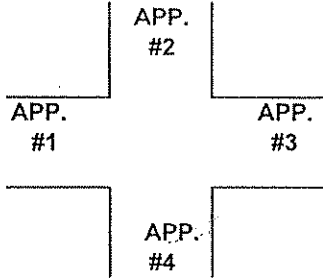
CSAH 52 (Radisson.)

DATE:

07/10/2006

@ CSAH 116 (Bunker Lk. Blvd.)

APP.#1= CSAH 116
APP.#2= CSAH 52
APP.#3= CSAH 116
APP.#4= CSAH 52



- 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						8		
2:15-2:30						3		
2:30-2:45						9		
2:45-3:00						5		
HOURLY TOTAL						HOURLY TOTAL		25
3:00-3:15						5		
3:15-3:30						23		
3:30-3:45						9		
3:45-4:00						13		
HOURLY TOTAL						HOURLY TOTAL		50
4:00-4:15						11		
4:15-4:30						13		
4:30-4:45						6		
4:45-5:00						8		
HOURLY TOTAL						HOURLY TOTAL		38
5:00-5:15						11		
5:15-5:30						11		
5:30-5:45						3		
5:45-6:00						3		
HOURLY TOTAL						HOURLY TOTAL		28
6:00-6:15		1			1	7		
6:15-6:30						7		
6:30-6:45						4		
6:45-7:00						2		
HOURLY TOTAL					1	HOURLY TOTAL		20
7:00-7:15						3		
7:15-7:30						2		
7:30-7:45						4		
7:45-8:00						2		
HOURLY TOTAL						HOURLY TOTAL		11
8:00-8:15						1		
8:15-8:30								
8:30-8:45						1		
8:45-9:00								
HOURLY TOTAL						HOURLY TOTAL		2
9:00-9:15								
9:15-9:30						1		
9:30-9:45								
9:45-10:00								
HOURLY TOTAL						HOURLY TOTAL		1
					TOTAL		TOTAL	442

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