

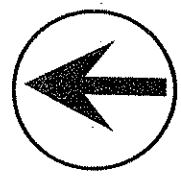
Date : 07/28/10

Count Number : TMC1026

Location : CSAH 116 (Bunker Lake Blvd.)

@ 38th Ave.

Collection Period : 6:00AM - 10:00PM



North

CSAH 116

17368

#3

G	0	9335
H	7538	
J	1797	

8033

K	1714
L	0
M	62
1776	

1960

#4

3736

14082

#1

C	0
B	6319
A	163
6482	

7600

CSAH 116

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

38th Ave.

Anoka County Highway Department
Traffic Volume and Turning
Movement Study

Date : 07/28/10

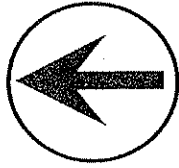
Count Number : TMC1026

Location : CSAH 116 (Bunker Lake Blvd.)

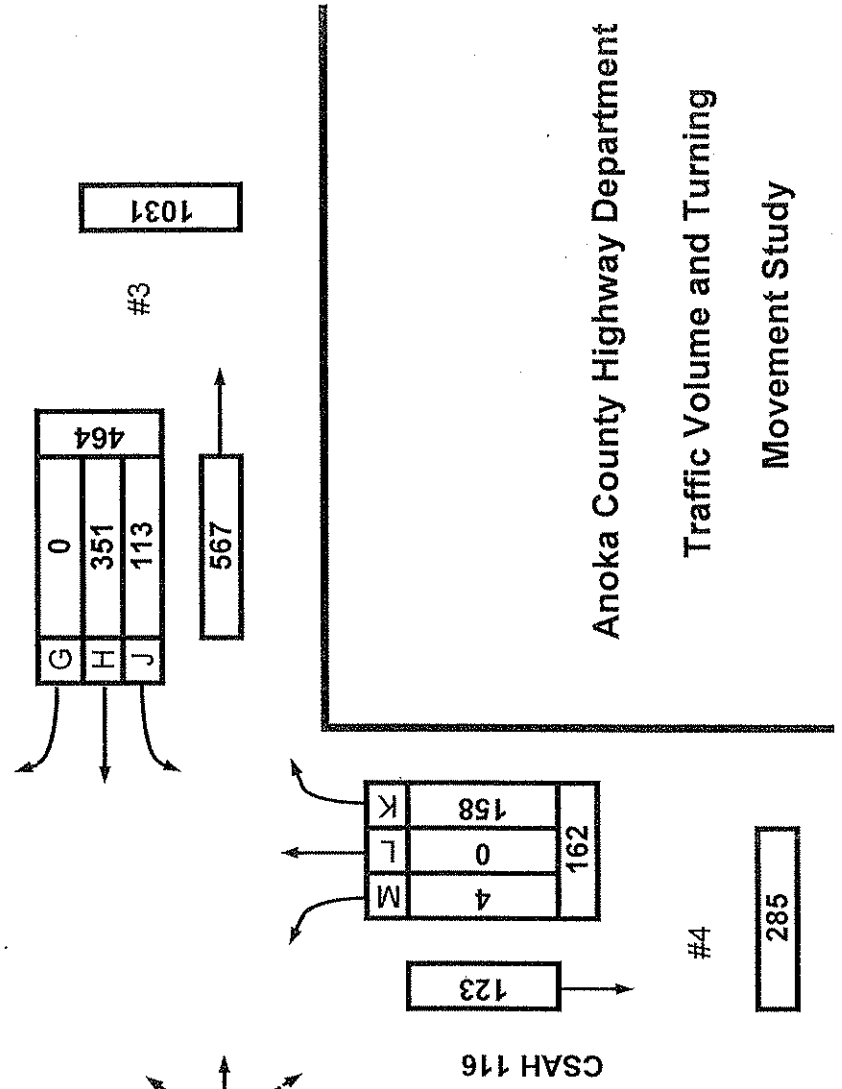
@ 38th Ave.

Collection Period : AM PEAK

Hour : 11:00 AM-12:00 PM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 07/29/10

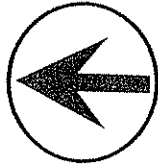
Count Number : TMC1026

Location : CSAH 116 (Bunker Lake Blvd.)

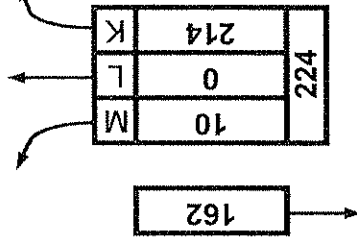
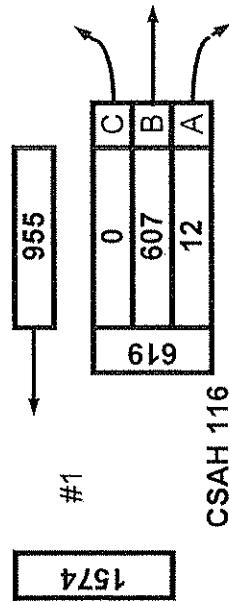
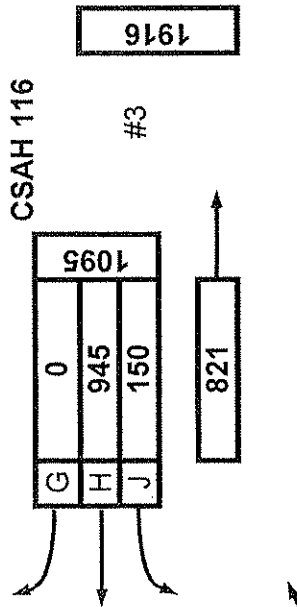
@ 38th Ave.

Collection Period : PM PEAK

Hour : 4:45-5:45 PM



North



ANES OF APPROACH

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

38th Ave.

CSAH 116

#3

#1

CSAH 116

#4

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

386

1916

Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC1026
 Site Code : 10260102
 Start Date : 07/28/2010
 Page No : 1

Weather: Warm and Sunny
 Counter: DB-400
 Counted by: Andy/Brett

Groups Printed- Unshifted - Bank 1

Start Time	Southbound					CSAH 116 (Bunker Lake Blvd.) Westbound					38th Ave. Northbound					CSAH 116 (Bunker Lake Blvd.) Eastbound					Excl. Total	Incl. 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	0	0	0	0	0	12	19	0	0	31	0	0	10	0	10	0	34	2	1	36	1	77	78
06:15	0	0	0	0	0	17	21	0	4	38	0	0	13	0	13	0	72	6	2	78	6	129	135
06:30	0	0	0	0	0	22	43	0	3	65	0	0	17	1	17	0	48	1	1	49	5	131	136
06:45	0	0	0	0	0	29	52	0	5	81	0	0	18	2	18	0	67	5	3	72	10	171	181
Total	0	0	0	0	0	80	135	0	12	215	0	0	58	3	58	0	221	14	7	235	22	508	530
07:00	0	0	0	0	0	24	51	0	2	75	0	0	22	4	22	0	39	9	4	48	10	145	155
07:15	0	0	0	0	0	32	68	0	3	100	0	0	18	1	18	0	64	4	1	68	5	186	191
07:30	0	0	0	0	0	65	75	0	12	140	0	0	22	6	22	0	97	3	6	100	24	262	286
07:45	0	0	0	0	0	50	89	0	8	139	0	0	28	10	28	0	96	2	3	98	21	265	286
Total	0	0	0	0	0	171	283	0	25	454	0	0	90	21	90	0	296	18	14	314	60	858	918
08:00	0	0	0	0	0	26	76	0	6	102	0	0	14	3	14	0	104	2	2	106	11	222	233
08:15	0	0	0	0	0	21	50	0	3	71	0	0	24	0	24	0	102	2	3	104	6	199	205
08:30	0	0	0	0	0	17	63	0	4	80	1	0	22	3	23	0	110	1	11	111	18	214	232
08:45	0	0	0	0	0	18	56	0	3	74	0	0	18	1	18	0	78	1	3	79	7	171	178
Total	0	0	0	0	0	82	245	0	16	327	1	0	78	7	79	0	394	6	19	400	42	806	848
09:00	0	0	0	0	0	38	71	0	12	109	0	0	28	3	28	0	98	0	11	98	26	235	261
09:15	0	0	0	0	0	32	76	0	4	108	2	0	26	1	28	0	97	3	7	100	12	236	248
09:30	0	0	0	0	0	23	70	0	1	93	0	0	22	3	22	0	80	1	1	81	5	196	201
09:45	0	0	0	0	0	22	97	0	3	119	1	0	24	0	25	0	85	0	1	85	4	229	233
Total	0	0	0	0	0	115	314	0	20	429	3	0	100	7	103	0	360	4	20	364	47	896	943
10:00	0	0	0	0	0	27	89	0	3	116	1	0	27	0	28	0	99	0	3	99	6	243	249
10:15	0	0	0	0	0	23	96	0	3	119	2	0	27	0	29	0	88	3	1	91	4	239	243
10:30	0	0	0	0	0	20	77	0	9	97	1	0	19	1	20	0	96	1	2	97	12	214	226
10:45	0	0	0	0	0	39	86	0	21	125	1	0	36	6	37	0	88	1	2	89	29	251	280
Total	0	0	0	0	0	109	348	0	36	457	5	0	109	7	114	0	371	5	8	376	51	947	998
11:00	0	0	0	0	0	31	73	0	2	104	2	0	55	12	57	0	110	2	5	112	19	273	292
11:15	0	0	0	0	0	26	83	0	1	109	2	0	38	2	40	0	109	3	4	112	7	261	268
11:30	0	0	0	0	0	31	94	0	7	125	0	0	27	0	27	0	97	3	4	100	11	252	263
11:45	0	0	0	0	0	25	101	0	9	126	0	0	38	1	38	0	93	2	1	95	11	259	270
Total	0	0	0	0	0	113	351	0	19	464	4	0	158	15	162	0	409	10	14	419	48	1045	1093
12:00	0	0	0	0	0	31	115	0	8	146	2	0	35	0	37	0	97	4	3	101	11	284	295
12:15	0	0	0	0	0	33	118	0	6	151	1	0	24	0	25	0	104	2	3	106	9	282	291
12:30	0	0	0	0	0	26	120	0	5	146	0	0	22	3	22	0	128	6	2	134	10	302	312
12:45	0	0	0	0	0	31	117	0	2	148	1	0	20	0	21	0	112	1	4	113	6	282	288
Total	0	0	0	0	0	121	470	0	21	591	4	0	101	3	105	0	441	13	12	454	36	1150	1186
13:00	0	0	0	0	0	42	97	0	6	139	0	0	15	0	15	0	93	3	1	96	7	250	257
13:15	0	0	0	0	0	25	111	0	2	136	1	0	27	0	28	0	93	0	5	93	7	257	264
13:30	0	0	0	0	0	34	127	0	5	161	1	0	16	0	17	0	108	2	6	110	11	288	299
13:45	0	0	0	0	0	20	100	0	2	120	1	0	28	1	29	0	96	1	5	97	8	246	254
Total	0	0	0	0	0	121	435	0	15	556	3	0	86	1	89	0	390	6	17	396	33	1041	1074
14:00	0	0	0	0	0	36	121	0	3	157	0	0	13	0	13	0	103	5	2	108	5	278	283
14:15	0	0	0	0	0	15	124	0	1	139	1	0	26	0	27	0	94	0	0	94	1	260	261
14:30	0	0	0	0	0	18	126	0	1	144	0	0	26	1	26	0	87	3	3	90	5	260	265
14:45	0	0	0	0	0	29	171	0	9	200	2	0	25	0	27	0	82	7	2	89	11	316	327
Total	0	0	0	0	0	98	542	0	14	640	3	0	90	1	93	0	366	15	7	381	22	1114	1136
15:00	0	0	0	0	0	24	137	0	7	161	0	0	39	0	39	0	111	1	1	112	8	312	320
15:15	0	0	0	0	0	23	165	0	7	188	0	0	40	0	40	0	103	3	2	106	9	334	343
15:30	0	0	0	0	0	32	161	0	1	193	0	0	36	1	36	0	167	4	4	171	6	400	406
15:45	0	0	0	0	0	29	170	0	2	199	1	0	20	0	21	0	111	6	1	117	3	337	340
Total	0	0	0	0	0	108	633	0	17	741	1	0	135	1	136	0	492	14	8	506	26	1383	1409
16:00	0	0	0	0	0	41	203	0	3	244	1	0	32	1	33	0	154	1	1	155	5	432	437
16:15	0	0	0	0	0	43	211	0	3	254	2	0	26	1	28	0	111	8	1	119	5	401	406
16:30	0	0	0	0	0	33	246	0	4	279	1	0	54	3	55	0	133	7	0	140	7	474	481
16:45	0	0	0	0	0	36	243	0	2	279	5	0	66	3	71	0	165	3	2	168	7	518	525
Total	0	0	0	0	0	153	903	0	12	1056	9	0	178	8	187	0	563	19	4	582	24	1825	1849
17:00	0	0	0	0	0	37	237	0	1	274	3	0	52	1	55	0	140	5	2	145	4	474	478
17:15	0	0	0	0	0	40	221	0	3	261	0	0	37	0	37	0	148	1	0	149	3	447	450
17:30	0	0	0	0	0	37	244	0	1	281	2	0	59	2	61	0	154	3	3	157	6	499	505
17:45	0	0	0	0	0	44	197	0	1	241	1	0	32	0	33	0	101	1	0	102	1	376	377
Total	0	0	0	0	0	158	899	0	6	1057	6	0	180	3	186	0	543	10	5	553	14	1796	1810

Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Warm and Sunny
 Counter: DB-400
 Counted by: Andy/Brett

File Name : TMC1026
 Site Code : 10260102
 Start Date : 07/28/2010
 Page No : 2

Groups Printed- Unshifted - Bank 1

Start Time	Southbound					CSAH 116 (Bunker Lake Blvd.) Westbound					38th Ave. Northbound					CSAH 116 (Bunker Lake Blvd.) Eastbound					Excl. Total	Incl. Total	Int. Total	
	Left	Thru	Right	Heavys	App. Total	Left	Thru	Right	Heavys	App. Total	Left	Thru	Right	Heavys	App. Total	Left	Thru	Right	Heavys	App. Total				
18:00	0	0	0	0	0	32	183	0	2	215	1	0	45	1	46	0	135	2	2	137	5	398	403	
18:15	0	0	0	0	0	36	190	0	1	226	2	0	21	0	23	0	108	2	0	110	1	359	360	
18:30	0	0	0	0	0	20	144	0	1	164	4	0	23	2	27	0	117	8	3	125	6	316	322	
18:45	0	0	0	0	0	19	165	0	1	184	2	0	26	2	28	0	99	2	0	101	3	313	316	
Total	0	0	0	0	0	107	682	0	5	789	9	0	115	5	124	0	459	14	5	473	15	1386	1401	
19:00	0	0	0	0	0	16	144	0	0	160	2	0	26	0	28	0	143	3	1	146	1	334	335	
19:15	0	0	0	0	0	16	123	0	1	139	1	0	19	0	20	0	99	1	1	100	2	259	261	
19:30	0	0	0	0	0	20	93	0	2	113	0	0	14	0	14	0	92	1	0	93	2	220	222	
19:45	0	0	0	0	0	16	109	0	2	125	1	0	14	0	15	0	63	3	0	66	2	206	208	
Total	0	0	0	0	0	68	469	0	5	537	4	0	73	0	77	0	397	8	2	405	7	1019	1026	
20:00	0	0	0	0	0	27	116	0	0	143	2	0	13	0	15	0	76	1	0	77	0	235	235	
20:15	0	0	0	0	0	19	92	0	0	111	0	0	26	0	26	0	65	1	0	66	0	203	203	
20:30	0	0	0	0	0	17	91	0	1	108	2	0	19	0	21	0	78	0	0	78	1	207	208	
20:45	0	0	0	0	0	20	128	0	0	148	1	0	21	0	22	0	80	0	0	80	0	250	250	
Total	0	0	0	0	0	83	427	0	1	510	5	0	79	0	84	0	299	2	0	301	1	895	896	
21:00	0	0	0	0	0	27	103	0	2	130	0	0	16	0	16	0	83	0	0	83	2	229	231	
21:15	0	0	0	0	0	23	115	0	0	138	0	0	25	0	25	0	76	2	1	78	1	241	242	
21:30	0	0	0	0	0	27	92	0	0	119	2	0	21	0	23	0	83	2	0	85	0	227	227	
21:45	0	0	0	0	0	33	92	0	0	125	3	0	22	0	25	0	76	1	0	77	0	227	227	
Total	0	0	0	0	0	110	402	0	2	512	5	0	84	0	89	0	318	5	1	323	3	924	927	
Grand Total	0	0	0	0	0	1797	7538	0	226	9335	62	0	1714	82	1776	0	6319	163	143	6482	451	17593	18044	
Apprch %	0	0	0			19.3	80.7	0			3.5	0	96.5			0	97.5	2.5						
Total %	0	0	0			10.2	42.8	0		53.1	0.4	0	9.7		10.1	0	35.9	0.9		36.8	2.5	97.5		
Unshifted	0	0	0			1797	7538	0		9561	62	0	1714		1858	0	6319	163		6625	0	0	18044	
Unshifted	0	0	0	0		100	100	0	100	100	100	0	100	100	100	100	0	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	
% Bank 1	0	0	0			0	0	0	0	0	0	0	0		0	0	0	0		0	0	0	0	

Start Time	Southbound					CSAH 116 (Bunker Lake Blvd.) Westbound					38th Ave. Northbound					CSAH 116 (Bunker Lake Blvd.) 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 11:00																						
11:00	0	0	0	0	31	73	0	104	2	0	55	57	0	110	2	112	273					
11:15	0	0	0	0	26	83	0	109	2	0	38	40	0	109	3	112	261					
11:30	0	0	0	0	31	94	0	125	0	0	27	27	0	97	3	100	252					
11:45	0	0	0	0	25	101	0	126	0	0	38	38	0	93	2	95	259					
Total Volume	0	0	0	0	113	351	0	464	4	0	158	162	0	409	10	1045						
% App. Total	0	0	0	0	24.4	75.6	0	5.0	2.5	0	9.2	9.7	0	97.6	2.4	9.5						
PHF	.000	.000	.000	.000	.911	.869	.000	.921	.500	.000	.718	.711	.000	.930	.833	.935	.957					

Start Time	Southbound					CSAH 116 (Bunker Lake Blvd.) Westbound					38th Ave. Northbound					CSAH 116 (Bunker Lake Blvd.) 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	0	0	0	36	243	0	279	5	0	66	71	0	165	3	168	518					
17:00	0	0	0	0	37	237	0	274	3	0	52	55	0	140	5	145	474					
17:15	0	0	0	0	40	221	0	261	0	0	37	37	0	148	1	149	447					
17:30	0	0	0	0	37	244	0	281	2	0	59	61	0	154	3	157	499					
Total Volume	0	0	0	0	150	945	0	1095	10	0	214	224	0	607	12	619	1938					
% App. Total	0	0	0	0	13.7	86.3	0	10.0	4.5	0	9.5	9.5	0	98.1	1.9	9.5						
PHF	.000	.000	.000	.000	.938	.968	.000	.974	.500	.000	.811	.789	.000	.920	.600	.921	.935					

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

Study Name : TMC1026
Study Date : 07/28/10
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 116 (Bunker Lake Blvd.)

Number of Lanes: 2
Approach Speed: 50
Total Approach Volume: 6,482

Westbound: CSAH 116 (Bunker Lake Blvd.)

Number of Lanes: 2
Approach Speed: 45
Total Approach Volume: 9,335

Minor Street Approaches

Northbound: 38th Ave.

Number of Lanes: 2

Total Approach Volume: 1,776

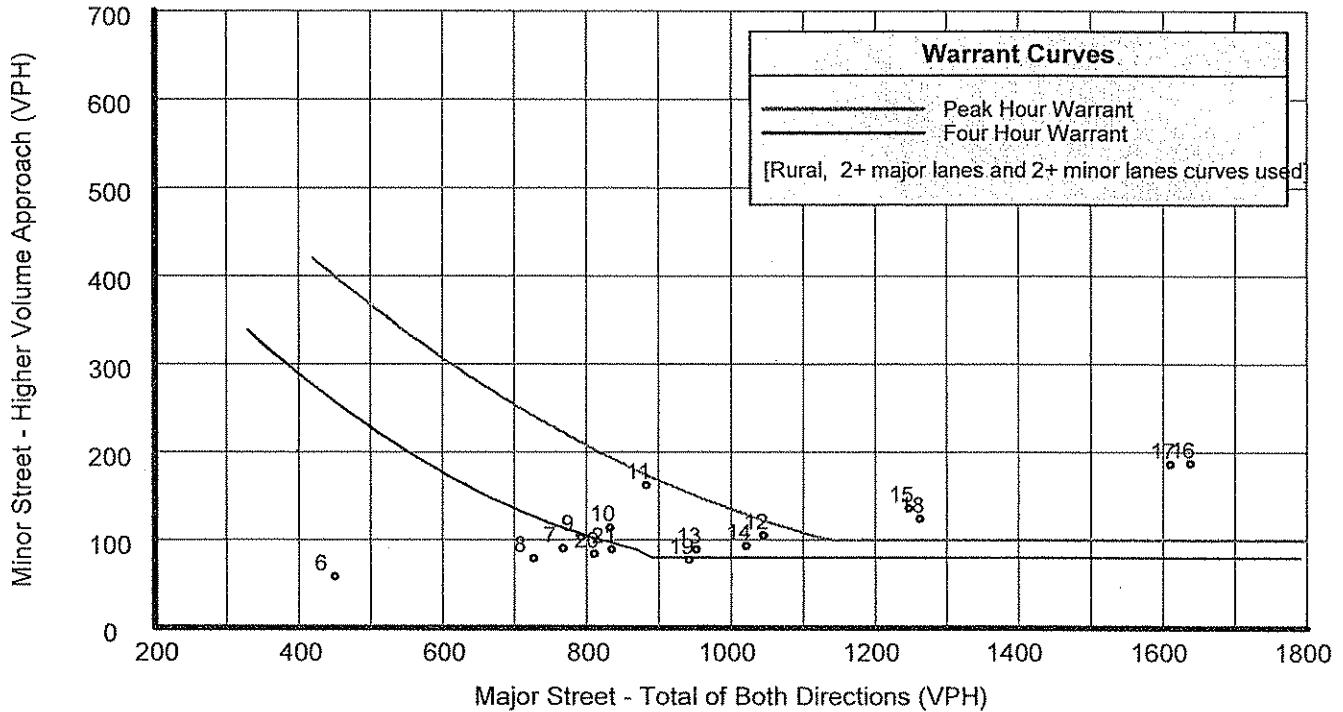
Warrant Summary (Rural values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Satisfied
Warrant 1A - Minimum Vehicular Volume	Not Satisfied
Required volumes reached for 3 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic	Satisfied
Required volumes reached for 15 hours, 8 are needed	
Warrant 1 A&B - Combination of Warrants	Not Satisfied
Required volumes reached for 6 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Satisfied
Number of hours (9) volumes exceed minimum \geq minimum required (4).	
Warrant 3 - Peak Hour	Satisfied
Warrant 3A - Peak Hour Delay	Satisfied
Number of hours (10) volumes exceed minimum \geq 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 : TMC1026
Study Date : 07/28/10
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	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
01:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
02:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
03:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
04:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
05:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
06:00	450	58	NB	420-Yes	140-No	Major	630-No	70-No	---	504-No	112-No	---
07:00	768	90	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
08:00	727	79	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
09:00	793	103	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
10:00	833	114	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
11:00	883	162	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
12:00	1,045	105	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
13:00	952	89	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
14:00	1,021	93	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
15:00	1,247	136	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
16:00	1,638	187	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
17:00	1,610	186	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
18:00	1,262	124	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
19:00	942	77	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
20:00	811	84	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
21:00	835	89	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
22:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
23:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---

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

Study Name : TMC1026
Study Date : 07/28/10
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: CSAH 116 (Bunker Lake Blvd.)
Total Approach Volume: 6,482
Approach Speed: 50

Westbound: CSAH 116 (Bunker Lake Blvd.)
Total Approach Volume: 9,335
Approach Speed: 45

Minor Street Approaches

Northbound: 38th Ave.
Total Approach Volume: 1,776

Warrant Summary

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

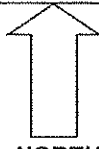
Criteria B - Crash Experience Not Evaluated

Criteria C - Minimum Volumes and Delays Not Satisfied
Delay data not evaluated
Required volumes reached for 5 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?
10:15 - 11:15	834	143	210-Yes	140-Yes	Both	240-Yes	160-No	Major
11:15 - 12:15	914	142	210-Yes	140-Yes	Both	240-Yes	160-No	Major
14:45 - 15:45	1,220	142	210-Yes	140-Yes	Both	240-Yes	160-No	Major
16:00 - 17:00	1,638	187	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:00 - 18:00	1,610	186	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
05:45 - 06:45	297	40	210-Yes	140-No	Major	240-Yes	160-No	Major
06:00 - 07:00	450	58	210-Yes	140-No	Major	240-Yes	160-No	Major
06:15 - 07:15	506	70	210-Yes	140-No	Major	240-Yes	160-No	Major
06:30 - 07:30	558	75	210-Yes	140-No	Major	240-Yes	160-No	Major
06:45 - 07:45	684	80	210-Yes	140-No	Major	240-Yes	160-No	Major
07:00 - 08:00	768	90	210-Yes	140-No	Major	240-Yes	160-No	Major
07:15 - 08:15	853	82	210-Yes	140-No	Major	240-Yes	160-No	Major
07:30 - 08:30	860	88	210-Yes	140-No	Major	240-Yes	160-No	Major
07:45 - 08:45	811	89	210-Yes	140-No	Major	240-Yes	160-No	Major
08:00 - 09:00	727	79	210-Yes	140-No	Major	240-Yes	160-No	Major
08:15 - 09:15	726	93	210-Yes	140-No	Major	240-Yes	160-No	Major
08:30 - 09:30	759	97	210-Yes	140-No	Major	240-Yes	160-No	Major
08:45 - 09:45	742	96	210-Yes	140-No	Major	240-Yes	160-No	Major
09:00 - 10:00	793	103	210-Yes	140-No	Major	240-Yes	160-No	Major
09:15 - 10:15	801	103	210-Yes	140-No	Major	240-Yes	160-No	Major
09:30 - 10:30	803	104	210-Yes	140-No	Major	240-Yes	160-No	Major
09:45 - 10:45	823	102	210-Yes	140-No	Major	240-Yes	160-No	Major
10:00 - 11:00	833	114	210-Yes	140-No	Major	240-Yes	160-No	Major
12:15 - 13:15	1,033	83	210-Yes	140-No	Major	240-Yes	160-No	Major


NORTH
 APP. #1 = CSAH 116
 APP. #2 =
 APP. #3 = CSAH 116
 APP. #4 = 38th Ave.

COUNT LOCATION: CSAH 116 (Bunker Lake Blvd.) **DATE:** 07/28/2010
@ 38th Ave.

APP. #1 _____ APP. #3 _____
 APP. #4 _____

HEAVY VEHICLE- ANY VEHICLE HAVING MORE THAN FOUR TIRES TOUCHING THE PAVEMENT

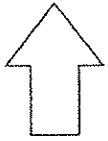
A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.

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						1		
6:15-6:30						5		1
6:30-6:45						4		2
6:45-7:00						7		2
HOURLY TOTAL						HOURLY TOTAL		22
7:00-7:15						7		3
7:15-7:30						4		
7:30-7:45						12		13
7:45-8:00						6		15
HOURLY TOTAL						HOURLY TOTAL		60
8:00-8:15						5		6
8:15-8:30						6		
8:30-8:45						10		7
8:45-9:00						5		2
HOURLY TOTAL						HOURLY TOTAL		41
9:00-9:15						13		13
9:15-9:30						11		1
9:30-9:45						5		
9:45-10:00						4		
HOURLY TOTAL						HOURLY TOTAL		47
10:00-10:15						6		
10:15-10:30						4		
10:30-10:45						7		5
10:45-11:00						6		23
HOURLY TOTAL						HOURLY TOTAL		51
11:00-11:15						4		14
11:15-11:30						4		4
11:30-11:45						8		3
11:45-12:00						4		7
HOURLY TOTAL						HOURLY TOTAL		48
12:00-12:15						3		8
12:15-12:30						8		1
12:30-12:45						7		3
12:45-1:00						4		1
HOURLY TOTAL						HOURLY TOTAL		35
1:00-1:15						6		1
1:15-1:30						6		1
1:30-1:45						11		
1:45-2:00						8		
HOURLY TOTAL						HOURLY TOTAL		33
					TOTAL		TOTAL	337

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NORTH

COUNT LOCATION:

CSAH 116 (Bunker Lake Blvd.)

DATE:

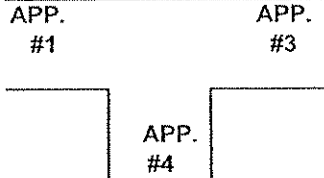
07/29/2010

@ 38th Ave.

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.

APP. #1 = CSAH 116
APP. #2 =
APP. #3 = CSAH 116
APP. #4 = 38th Ave.



TIME	PEDESTRIANS					HEAVY VEHICLES			
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS	
2:00-2:15PM						5			
2:15-2:30						1			
2:30-2:45						4		2	
2:45-3:00						12			
HOURLY TOTAL						HOURLY TOTAL		24	
3:00-3:15						7		1	
3:15-3:30						8			
3:30-3:45						4		1	
3:45-4:00						3			
HOURLY TOTAL						HOURLY TOTAL		24	
4:00-4:15						5			
4:15-4:30						5			
4:30-4:45						6		1	
4:45-5:00						7			
HOURLY TOTAL						HOURLY TOTAL		24	
5:00-5:15						3		1	
5:15-5:30						3			
5:30-5:45						6			
5:45-6:00						1			
HOURLY TOTAL						HOURLY TOTAL		14	
6:00-6:15						4	1		
6:15-6:30						1			
6:30-6:45						4		1	
6:45-7:00						3			
HOURLY TOTAL						HOURLY TOTAL		14	
7:00-7:15						1			
7:15-7:30						2			
7:30-7:45						2			
7:45-8:00						2			
HOURLY TOTAL						HOURLY TOTAL		7	
8:00-8:15									
8:15-8:30									
8:30-8:45						1			
8:45-9:00									
HOURLY TOTAL						HOURLY TOTAL		1	
9:00-9:15						2			
9:15-9:30						1			
9:30-9:45									
9:45-10:00									
HOURLY TOTAL						HOURLY TOTAL		3	
	TOTAL						TOTAL		448

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