

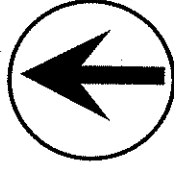
Date : 06/09/09

Count Number : TMC0915

Location : CSAH 116 (Bunker Lk. Blvd.)

@ CSAH 7 (7th Ave.)

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



North

11504

#2

CSAH 7

5239	D	1086
3698	E	
455	F	

6265

CSAH 116

13223

#3

811	G	8323
7270	H	
242	J	

4900

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

18151	#1
10854	
7297	A
1171	B
4310	C
1816	

CSAH 116

2498	M	6271
3638	L	
135	K	

5111

CSAH 7

#4

11382

Anoka County Highway Department

Traffic Volume and Turning

Movement Study

Date : 06/09/09

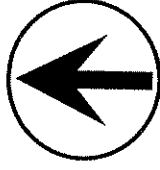
Count Number : TMC0915

Location : CSAH 116 (Bunker Lk. Blvd.)

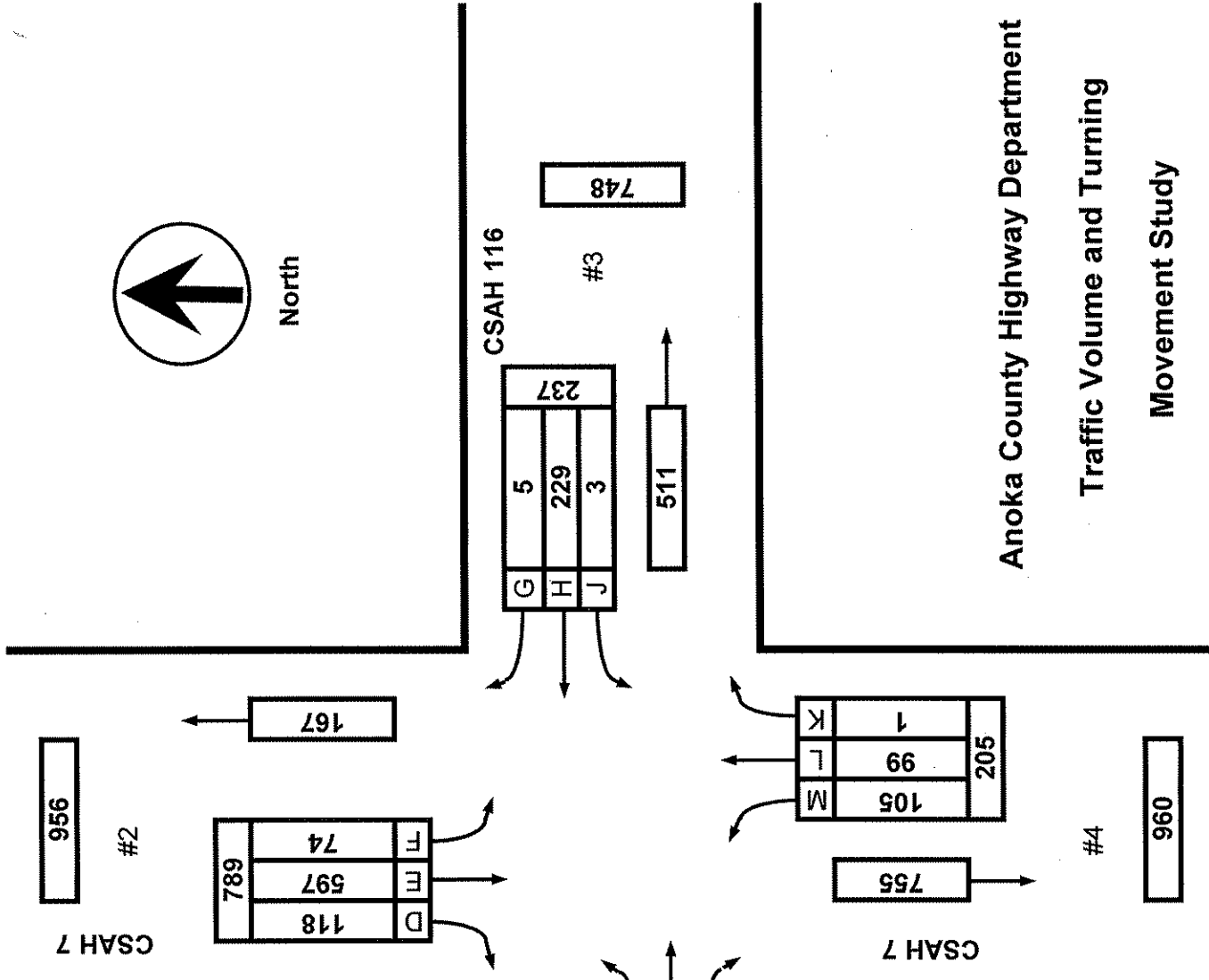
@ CSAH 7 (7th Ave.)

Collection Period : AM PEAK

Hour : 6:45 - 7:45AM



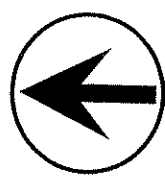
North



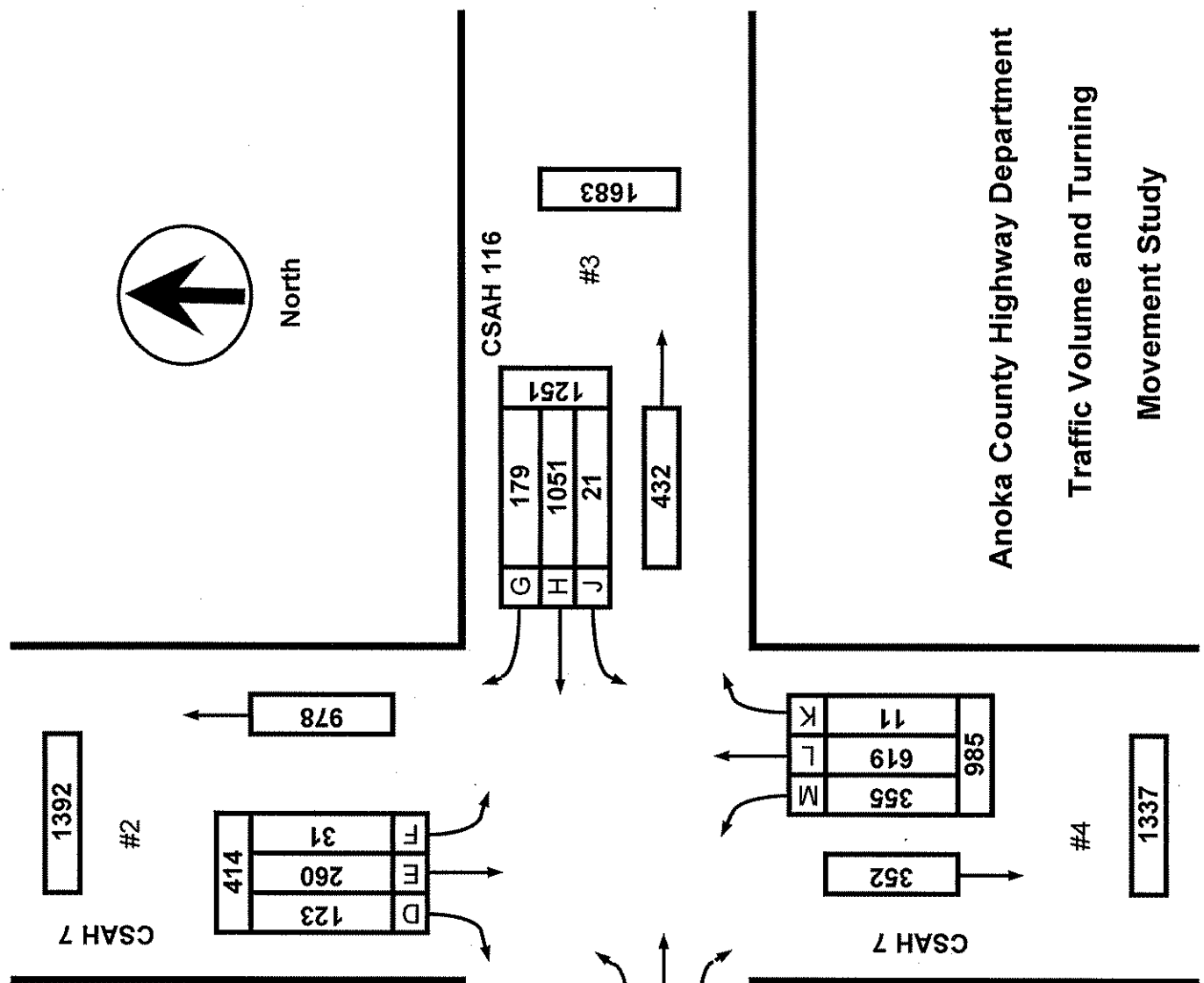
EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	1	2	4
#2	0	1	2	3
#3	1	1	2	4
#4	0	1	2	3

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 06/09/09
 Count Number : TMC0915
 Location : CSAH 116 (Bunker Lk. Blvd.)
 @ CSAH 7 (7th Ave.)
 Collection Period : PM PEAK
 Hour : 4:45 - 5:45PM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

1392

#2

CSAH 7

414		
123	D	
260	E	
31	F	

978

CSAH 116

#1

2170

1529		
641	A	
390	B	
180	C	

CSAH 116

#3

179	G	
1051	H	
21	J	
1251		

1683

432

11	K	
619	L	
355	M	
985		

CSAH 7

352

#4

1337

Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Rainy and Mild
 Counter: DB-400
 Counted by: Jake/Laura

File Name : TMC0915
 Site Code : 09150102
 Start Date : 6/9/2009
 Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	CSAH 7 Southbound					CSAH 116 Westbound					CSAH 7 Northbound					CSAH 116 Eastbound					Excl. 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	10	142	14	1	166	1	17	0	2	18	6	9	1	0	16	7	26	17	1	50	4	250	254
06:15	4	174	12	1	190	0	25	0	1	25	11	5	0	2	16	4	53	38	0	95	4	326	330
06:30	4	137	25	2	166	0	31	1	2	32	15	16	2	9	33	11	67	60	9	138	22	369	391
06:45	18	178	39	3	235	1	63	1	1	65	16	22	0	3	38	16	117	63	16	196	23	534	557
Total	36	631	90	7	757	2	136	2	6	140	48	52	3	14	103	38	263	178	26	479	53	1479	1532
07:00	27	170	29	1	226	1	42	1	0	44	16	21	1	4	38	13	108	46	2	167	7	475	482
07:15	15	128	25	0	168	0	48	1	1	49	34	29	0	12	63	19	117	28	4	164	17	444	461
07:30	14	121	25	3	160	1	76	2	2	79	39	27	0	6	66	15	94	18	10	127	21	432	453
07:45	6	125	33	3	164	0	64	0	2	64	19	25	4	2	48	6	97	46	18	149	25	425	450
Total	62	544	112	7	718	2	230	4	5	236	108	102	5	24	215	53	416	138	34	607	70	1776	1846
08:00	7	115	21	1	143	3	43	1	2	47	6	27	0	7	33	13	73	28	13	114	23	337	360
08:15	1	44	17	1	62	1	41	4	4	46	11	15	0	1	26	11	72	27	5	110	11	244	255
08:30	0	51	21	3	72	1	38	1	0	40	14	14	3	5	31	7	48	20	5	75	13	218	231
08:45	1	42	11	0	54	0	29	0	1	29	5	13	2	4	20	10	36	15	3	61	8	164	172
Total	9	252	70	5	331	5	151	6	7	162	36	69	5	17	110	41	229	90	26	360	55	963	1018
09:00	15	87	27	5	129	6	71	4	4	81	12	12	3	5	27	6	45	18	6	69	20	306	326
09:15	17	76	15	4	108	9	66	6	0	81	8	16	2	2	26	18	47	31	13	96	19	311	330
09:30	6	22	15	4	43	4	71	5	3	80	23	22	2	4	47	15	66	12	6	93	17	263	280
09:45	20	68	13	1	101	3	67	8	6	78	9	14	3	2	26	11	68	8	4	87	13	292	305
Total	58	253	70	14	381	22	275	23	13	320	52	64	10	13	126	50	226	69	29	345	69	1172	1241
10:00	6	87	17	3	110	5	87	6	6	98	9	15	3	4	27	10	61	16	3	87	16	322	338
10:15	21	33	10	3	64	6	92	15	3	113	20	17	2	1	39	18	43	18	8	79	15	295	310
10:30	3	62	9	6	74	3	67	4	0	74	16	17	4	4	37	3	52	5	3	60	13	245	258
10:45	1	43	11	1	55	1	70	2	0	73	37	34	1	4	72	81	64	17	2	162	7	362	369
Total	31	225	47	13	303	15	316	27	9	358	82	83	10	13	175	112	220	56	16	388	51	1224	1275
11:00	4	21	8	0	33	1	64	4	1	69	54	26	0	0	80	61	91	9	4	161	5	343	348
11:15	1	40	24	0	65	0	72	3	2	75	78	52	2	2	132	33	57	15	1	105	5	377	382
11:30	2	25	6	2	33	4	76	3	4	83	19	26	0	3	45	23	38	17	2	78	11	239	250
11:45	1	43	9	5	53	4	100	2	1	106	21	35	2	1	58	19	67	14	3	100	10	317	327
Total	8	129	47	7	184	9	312	12	8	333	172	139	4	6	315	136	253	55	10	444	31	1276	1307
12:00	1	9	7	1	17	3	32	2	1	37	28	36	2	2	66	12	57	8	2	77	6	197	203
12:15	0	16	7	0	23	0	61	1	1	62	28	39	3	0	70	14	69	22	0	105	1	260	261
12:30	0	1	7	0	8	2	68	3	3	73	39	44	2	1	85	20	63	24	3	107	7	273	280
12:45	3	18	14	1	35	2	137	11	4	150	24	26	0	4	50	18	35	11	2	64	11	299	310
Total	4	44	35	2	83	7	298	17	9	322	119	145	7	7	271	64	224	65	7	353	25	1029	1054
13:00	6	29	20	6	55	2	132	19	1	153	19	21	0	3	40	9	55	14	6	78	16	326	342
13:15	2	35	9	3	46	0	94	6	3	100	14	23	2	2	39	12	39	7	3	58	11	243	254
13:30	6	47	12	1	65	0	70	4	5	74	39	43	3	4	85	10	41	11	2	62	12	286	298
13:45	8	47	11	0	66	2	89	12	4	103	11	24	6	3	41	9	38	8	3	55	10	285	275
Total	22	158	52	10	232	4	385	41	13	430	83	111	11	12	205	40	173	40	14	253	49	1120	1169
14:00	7	58	10	1	75	1	87	5	0	93	32	79	5	2	116	48	140	27	5	215	8	499	507
14:15	13	76	21	2	110	4	154	22	5	180	46	88	2	0	136	42	77	21	3	140	10	566	576
14:30	14	94	17	0	125	3	209	27	6	239	90	110	2	20	202	98	79	21	5	198	31	764	795
14:45	12	33	46	7	91	7	181	15	6	203	71	73	4	3	148	57	59	13	1	129	17	571	588
Total	46	261	94	10	401	15	631	69	17	715	239	350	13	25	602	245	355	82	14	682	66	2400	2466
15:00	6	55	21	0	82	5	150	6	1	161	31	72	1	5	104	40	91	13	5	144	11	491	502
15:15	4	64	13	3	81	6	242	19	8	267	66	86	1	9	153	44	66	11	5	121	25	622	647
15:30	13	68	18	2	99	8	224	29	4	261	84	136	10	6	232	41	108	27	12	176	24	768	792
15:45	16	56	41	3	113	4	190	18	2	212	83	143	3	5	229	52	117	28	7	197	17	751	768
Total	39	243	93	8	375	23	806	72	15	901	264	439	15	25	718	177	382	79	29	638	77	2632	2709
16:00	2	8	23	0	33	5	195	31	4	231	95	154	5	10	254	46	91	15	4	152	18	670	688
16:15	3	49	9	0	61	10	222	23	3	255	99	114	2	5	215	22	84	18	8	124	16	655	671
16:30	6	42	26	3	74	2	216	20	4	238	91	172	2	7	265	49	124	21	9	194	23	771	794
16:45	6	24	24	1	54	5	282	51	1	338	78	143	3	1	224	50	96	27	9	173	12	789	801
Total	17	123	82	4	222	22	915	125	12	1062	363	583	12	23	958	167	395	81	30	643	69	2885	2954
17:00	3	50	27	0	80	1	241	40	6	282	103	173	0	3	276	44	90	8	2	142	11	780	791
17:15	9	91	44	0	144	11	327	57	0	395	80	152	3	1	235	42	110	21	0	173	1	947	948
17:30	13	95	28	0	136	4	201	31	0	236	94	151	5	5	250	44	94	15	0	153	5	775	780
17:45	14	96	24	0	134	17	210	17															

Anoka County Highway Department

Traffic Engineering Section
Traffic Volume and Turning Movement Study

File Name : TMC0915
Site Code : 09150102
Start Date : 6/9/2009
Page No : 2

Weather: Rainy and Mild
Counter: DB-400
Counted by: Jake/Laura

Groups Printed- Unshifted - Bank 1

Start Time	CSAH 7 Southbound					CSAH 116 Westbound					CSAH 7 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			
19:00	13	57	17	0	87	4	121	39	3	164	43	56	1	0	100	12	66	23	0	101	3	452	455
19:15	20	40	18	1	78	11	159	25	0	195	39	47	2	1	88	27	61	12	1	100	3	461	464
19:30	2	20	11	0	33	3	69	29	0	101	31	46	1	0	78	34	51	23	0	108	0	320	320
19:45	5	14	4	1	23	6	96	18	0	120	23	43	3	0	69	10	31	11	0	52	1	264	265
Total	40	131	50	2	221	24	445	111	3	580	136	192	7	1	335	83	209	69	1	361	7	1497	1504
20:00	3	17	8	0	28	6	96	6	2	108	41	40	0	0	81	10	22	0	0	32	2	249	251
20:15	0	19	3	1	22	4	92	18	0	114	13	35	3	0	51	18	37	11	0	66	1	253	254
20:30	2	13	7	2	22	2	113	22	1	137	21	38	0	0	59	29	28	3	1	60	4	278	282
20:45	2	20	7	0	29	0	125	4	0	129	27	50	1	0	78	51	24	7	0	82	0	318	318
Total	7	69	25	3	101	12	426	50	3	488	102	163	4	0	269	108	111	21	1	240	7	1098	1105
21:00	2	11	9	0	22	2	73	14	0	89	26	36	0	0	62	86	36	6	0	128	0	301	301
21:15	1	18	2	0	21	2	71	4	0	77	80	57	0	0	137	125	84	17	1	226	1	461	462
21:30	1	12	9	0	22	2	69	5	0	76	10	52	7	0	69	23	20	9	0	52	0	219	219
21:45	1	3	3	0	7	2	22	1	0	25	16	12	1	0	29	13	13	2	0	28	0	89	89
Total	5	44	23	0	72	8	235	24	0	267	132	157	8	0	297	247	153	34	1	434	1	1070	1071
Grand Total	455	3698	1086	92	5239	242	7270	811	127	8323	2498	3638	135	194	6271	1816	4310	1171	240	7297	653	27130	27783
Apprch %	8.7	70.6	20.7			2.9	87.3	9.7			39.8	58	2.2			24.9	59.1	16					
Total %	1.7	13.6	4		19.3	0.9	26.8	3		30.7	9.2	13.4	0.5		23.1	6.7	15.9	4.3		26.9	2.4	97.6	
Unshifted	455	3698	1086		5331	242	7270	811		8450	2498	3638	135		6465	1816	4310	1171		7537	0	0	27783
% Unshifted	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	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	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	0	0	0	0

Start Time	CSAH 7 Southbound				CSAH 116 Westbound				CSAH 7 Northbound				CSAH 116 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 06:45																	
06:45	18	178	39	235	1	63	1	65	16	22	0	38	16	117	63	196	534
07:00	27	170	29	226	1	42	1	44	16	21	1	38	13	108	46	167	475
07:15	15	128	25	168	0	48	1	49	34	29	0	63	19	117	28	164	444
07:30	14	121	25	160	1	76	2	79	39	27	0	66	15	94	18	127	432
Total Volume	74	597	118	789	3	229	5	237	105	99	1	205	63	436	155	654	1885
% App. Total	9.4	75.7	15		1.3	96.6	2.1		51.2	48.3	0.5		9.6	66.7	23.7		
PHF	.685	.838	.756	.839	.750	.753	.625	.750	.673	.853	.250	.777	.829	.932	.615	.834	.882

Start Time	CSAH 7 Southbound				CSAH 116 Westbound				CSAH 7 Northbound				CSAH 116 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	6	24	24	54	5	282	51	338	78	143	3	224	50	96	27	173	789
17:00	3	50	27	80	1	241	40	282	103	173	0	276	44	90	8	142	780
17:15	9	91	44	144	11	327	57	395	80	152	3	235	42	110	21	173	947
17:30	13	95	28	136	4	201	31	236	94	151	5	250	44	94	15	153	775
Total Volume	31	260	123	414	21	1051	179	1251	355	619	11	985	180	390	71	641	3291
% App. Total	7.5	62.8	29.7		1.7	84	14.3		36	62.8	1.1		28.1	60.8	11.1		
PHF	.596	.684	.699	.719	.477	.804	.785	.792	.862	.895	.550	.892	.900	.886	.657	.926	.869

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

Study Name : TMC0915
Study Date : 06/16/09
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 116
Number of Lanes: 2
Approach Speed: 55
Total Approach Volume: 7,297

Westbound: CSAH 116
Number of Lanes: 2
Approach Speed: 50
Total Approach Volume: 8,323

Minor Street Approaches

Northbound: CSAH 7
Number of Lanes: 2

Total Approach Volume: 6,271

Southbound: CSAH 7
Number of Lanes: 2

Total Approach Volume: 5,239

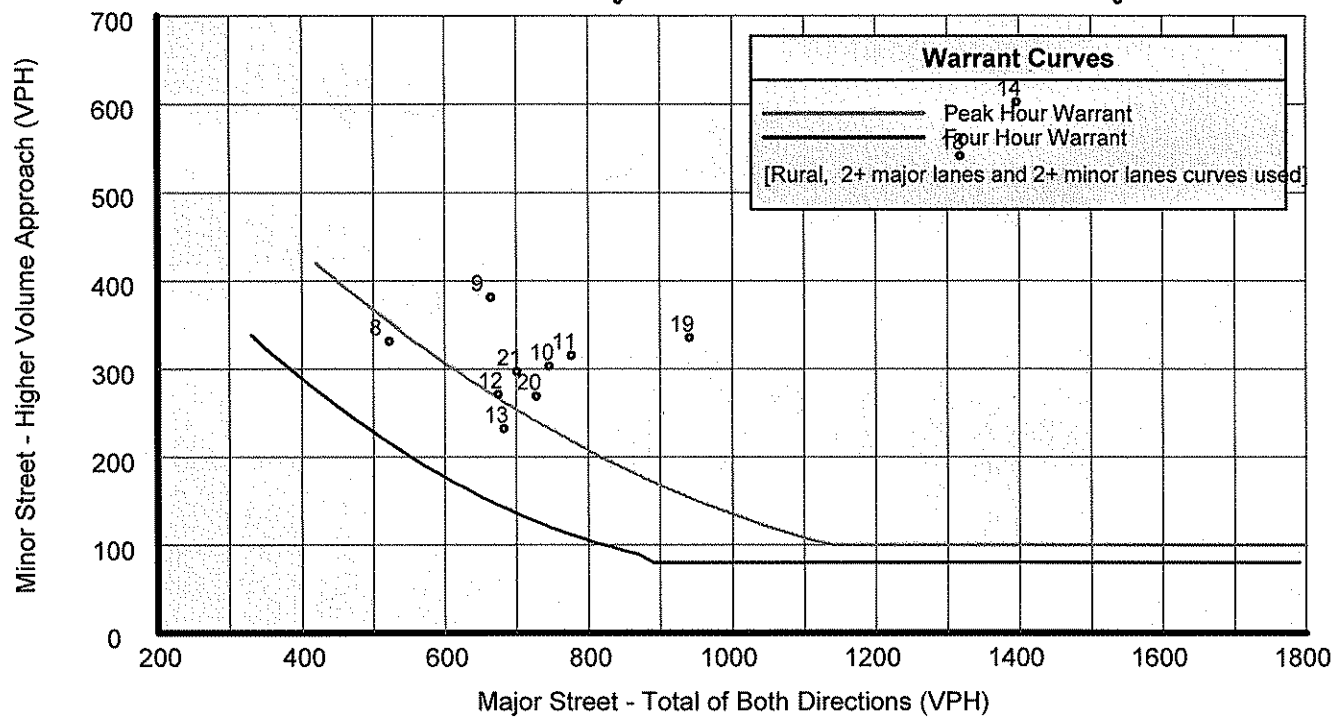
Warrant Summary (Rural values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Satisfied
Warrant 1A - Minimum Vehicular Volume	Satisfied
Required volumes reached for 16 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic	Satisfied
Required volumes reached for 14 hours, 8 are needed	
Warrant 1 A&B - Combination of Warrants	Satisfied
Required volumes reached for 16 hours, 8 are needed	
 Warrant 2 - Four Hour Volumes	 Satisfied
Number of hours (16) volumes exceed minimum >= minimum required (4).	
 Warrant 3 - Peak Hour	 Satisfied
Warrant 3A - Peak Hour Delay	Satisfied
Number of hours (50) 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 : TMC0915
Study Date : 06/16/09
Page No. : 2

Signal Warrants - Summary



Analysis of 8-Hour Volume Warrants:

Hour Begin	Major Total	Higher Minor Vol	Dir	War-1A			War-1B			War-1A&B		
				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	619	757	SB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
07:00	843	718	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
08:00	522	331	SB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
09:00	665	381	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
10:00	746	303	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
11:00	777	315	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
12:00	675	271	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
13:00	683	232	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
14:00	1,397	602	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
15:00	1,539	718	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
16:00	1,705	958	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
17:00	1,761	1,031	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
18:00	1,318	541	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
19:00	941	335	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
20:00	728	269	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
21:00	701	297	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
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 :
Study Date : 06/16/09
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: CSAH 116
Total Approach Volume: 7,297
Approach Speed: 55

Westbound: CSAH 116
Total Approach Volume: 8,323
Approach Speed: 50

Minor Street Approaches

Northbound: CSAH 7
Total Approach Volume: 6,271

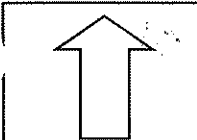
Southbound: CSAH 7
Total Approach Volume: 5,239

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 16 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?
05:45 - 06:45	358	587	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
06:45 - 07:45	891	994	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:45 - 08:45	645	579	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:45 - 09:45	590	454	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
09:45 - 10:45	676	478	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
10:45 - 11:45	806	515	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
11:45 - 12:45	667	380	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
12:45 - 13:45	739	415	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
13:45 - 14:45	1,223	871	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
14:45 - 15:45	1,462	990	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:45 - 16:45	1,603	1,244	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:45 - 17:45	1,892	1,399	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:45 - 18:45	1,473	1,191	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:45 - 19:45	994	582	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
19:45 - 20:45	689	355	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
20:45 - 21:45	859	440	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
00:00 - 01:00	0	0	210-No	140-No	No	240-No	160-No	No
00:15 - 01:15	0	0	210-No	140-No	No	240-No	160-No	No
00:30 - 01:30	0	0	210-No	140-No	No	240-No	160-No	No
00:45 - 01:45	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
01:15 - 02:15	0	0	210-No	140-No	No	240-No	160-No	No
01:30 - 02:30	0	0	210-No	140-No	No	240-No	160-No	No
01:45 - 02:45	0	0	210-No	140-No	No	240-No	160-No	No



NORTH

APP. #1 = CSAH 116
APP. #2 = CSAH 7
APP. #3 = CSAH 116
APP. #4 = CSAH 7

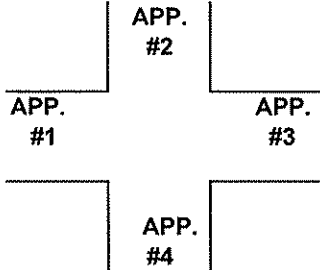
COUNT LOCATION:

CSAH 116 (Bunker Lk. Blvd)

DATE:

6/10/2009

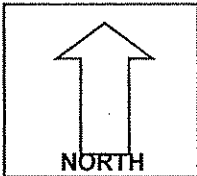
@ CSAH 7 (7th Ave)



- 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.

TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
6:00-6:15AM						3		1
6:15-6:30						1		4
6:30-6:45						11		10
6:45-7:00						15		7
HOURLY TOTAL						HOURLY TOTAL		52
7:00-7:15						3		4
7:15-7:30						2		15
7:30-7:45						7		15
7:45-8:00						7		17
HOURLY TOTAL						HOURLY TOTAL		70
8:00-8:15						12		12
8:15-8:30						6		3
8:30-8:45			1		1	5		8
8:45-9:00						6		2
HOURLY TOTAL					1	HOURLY TOTAL		54
9:00-9:15						9		9
9:15-9:30						10		9
9:30-9:45						9		8
9:45-10:00						9		3
HOURLY TOTAL						HOURLY TOTAL		66
10:00-10:15						9		6
10:15-10:30						13		2
10:30-10:45						13		
10:45-11:00						7		
HOURLY TOTAL						HOURLY TOTAL		50
11:00-11:15			4		4	5		
11:15-11:30	3	4			7	5		1
11:30-11:45						9		1
11:45-12:00						7		2
HOURLY TOTAL					11	HOURLY TOTAL		30
12:00-12:15						4		2
12:15-12:30						1		
12:30-12:45						5		2
12:45-1:00						6		5
HOURLY TOTAL						HOURLY TOTAL		25
1:00-1:15						16		
1:15-1:30						8		3
1:30-1:45						10		2
1:45-2:00			1		1	9		1
HOURLY TOTAL					1	HOURLY TOTAL		49
TOTAL					13	TOTAL		396

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COUNT LOCATION:

CSAH 116 (Bunker Lk. Blvd)

DATE:

6/9/2008

@ CSAH 7 (7th Ave)

APP. #1 = CSAH 116
APP. #2 = CSAH 7
APP. #3 = CSAH 116
APP. #4 = CSAH 7

APP. #2

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

APP. #1

APP. #3

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
2:00-2:15PM	1	1			2	3		3
2:15-2:30						7		3
2:30-2:45						7		22
2:45-3:00						12		3
HOURLY TOTAL					2	HOURLY TOTAL		60
3:00-3:15						6		4
3:15-3:30						13		12
3:30-3:45						12		10
3:45-4:00						9		9
HOURLY TOTAL						HOURLY TOTAL		75
4:00-4:15						9		10
4:15-4:30						7		8
4:30-4:45						15		10
4:45-5:00						4		6
HOURLY TOTAL						HOURLY TOTAL		69
5:00-5:15						7		1
5:15-5:30						1		
5:30-5:45						3	1	1
5:45-6:00								
HOURLY TOTAL						HOURLY TOTAL		14
6:00-6:15						3		
6:15-6:30								
6:30-6:45								
6:45-7:00						3		
HOURLY TOTAL						HOURLY TOTAL		6
7:00-7:15						2		
7:15-7:30						3		
7:30-7:45								
7:45-8:00						1		
HOURLY TOTAL						HOURLY TOTAL		6
8:00-8:15						1		
8:15-8:30						1		
8:30-8:45						3		
8:45-9:00								
HOURLY TOTAL						HOURLY TOTAL		5
9:00-9:15								
9:15-9:30								
9:30-9:45						1		
9:45-10:00								
HOURLY TOTAL						HOURLY TOTAL		1
					TOTAL	15		
							TOTAL	632

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