

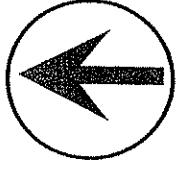
Date : 07/21/10

Count Number : TMC1025

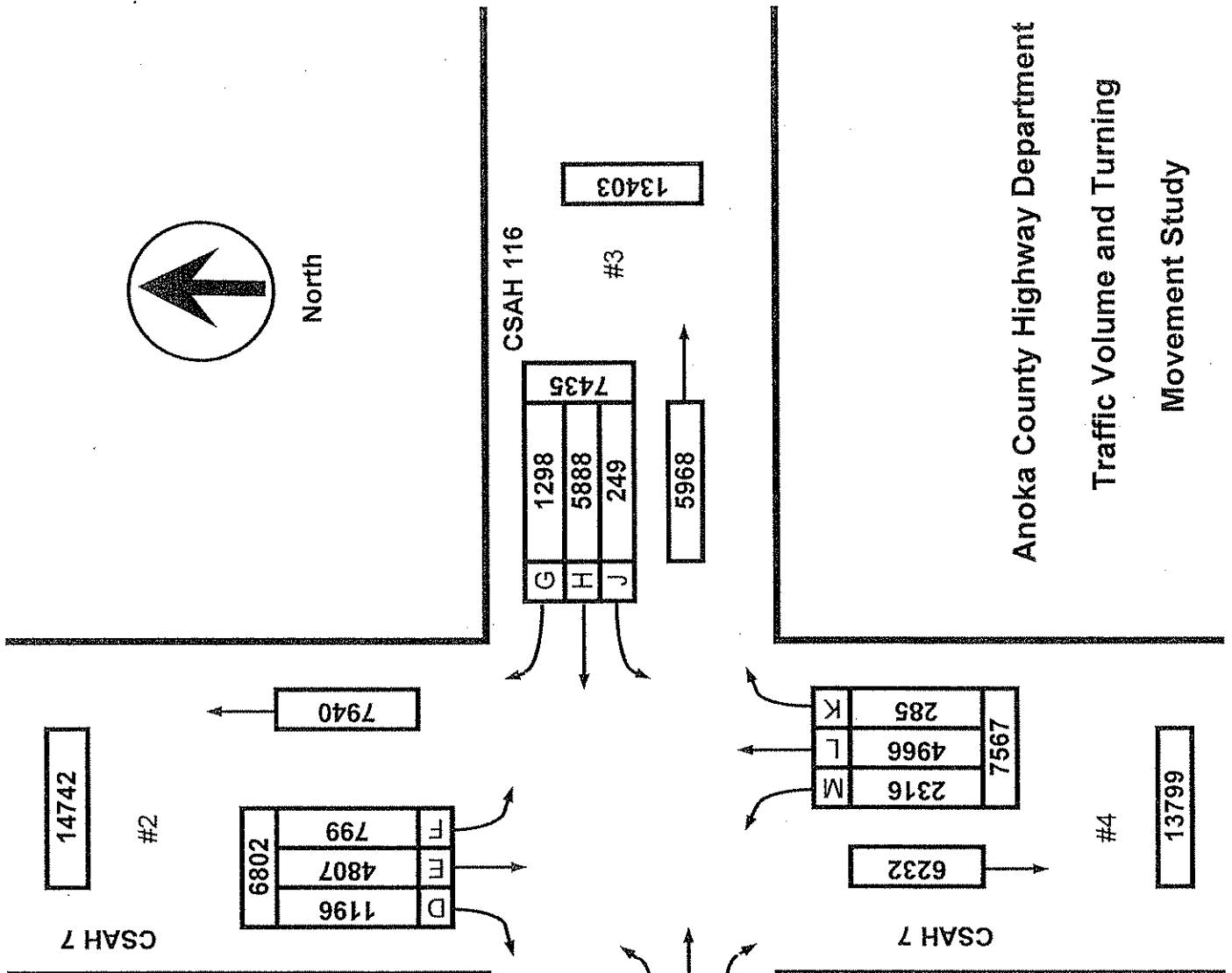
Location : CSAH 116 (Bunker Lk. Blvd.)

@ CSAH 7 (7th Ave.)

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



North



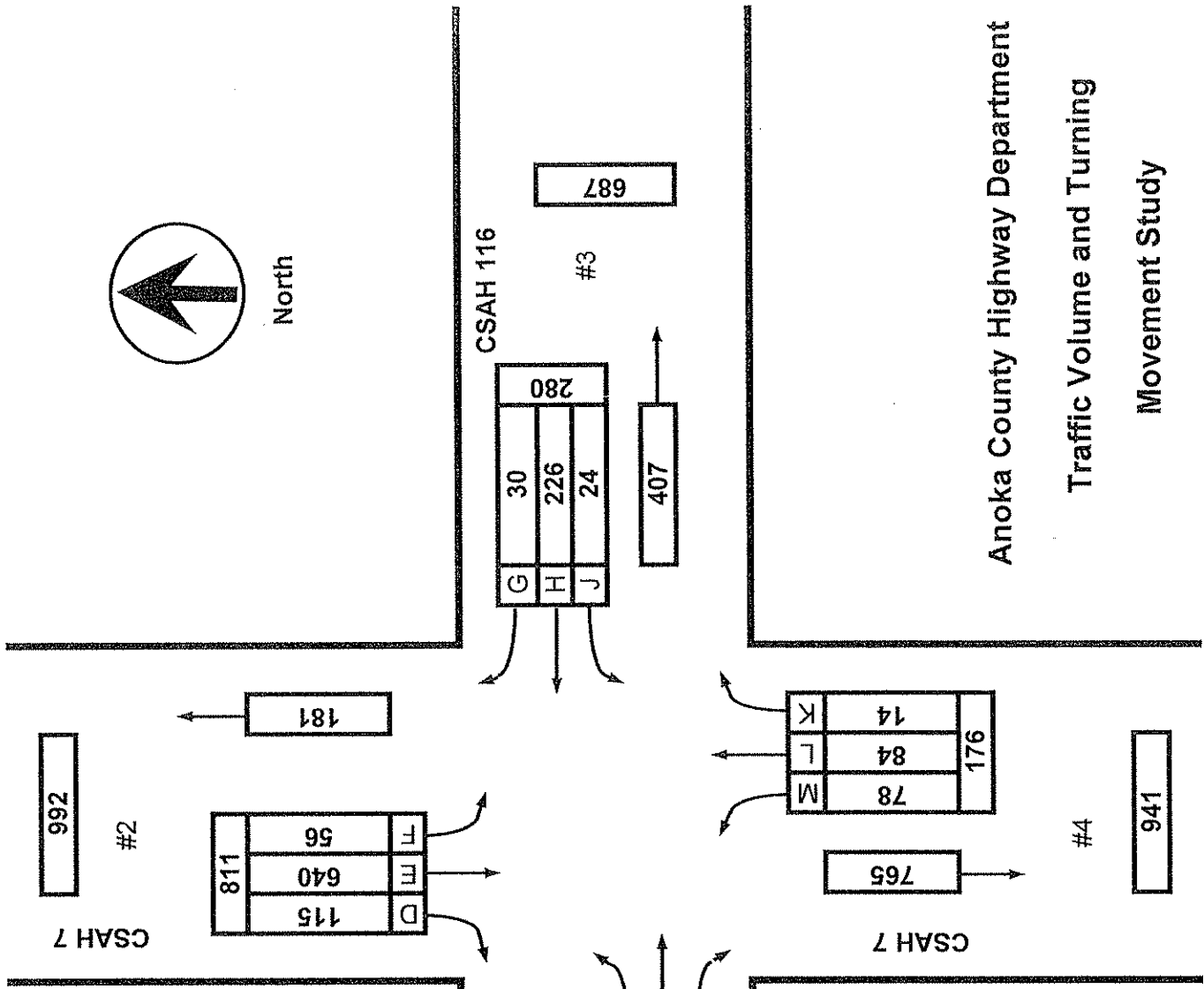
	EXISTING LANES OF APPROACH			TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	1	1	2	4
#2	0	1	2	3
#3	1	1	2	4
#4	0	1	2	3

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 07/22/10
 Count Number : TMC1025
 Location : CSAH 116 (Bunker Lk. Blvd.)
 @ CSAH 7 (7th Ave.)
 Collection Period : AM PEAK
 Hour : 7:30 AM-8:30 AM



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

Date : 07/21/10

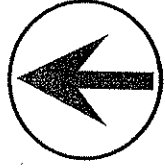
Count Number : TMC1025

Location : CSAH 116 (Bunker Lk. Blvd.)

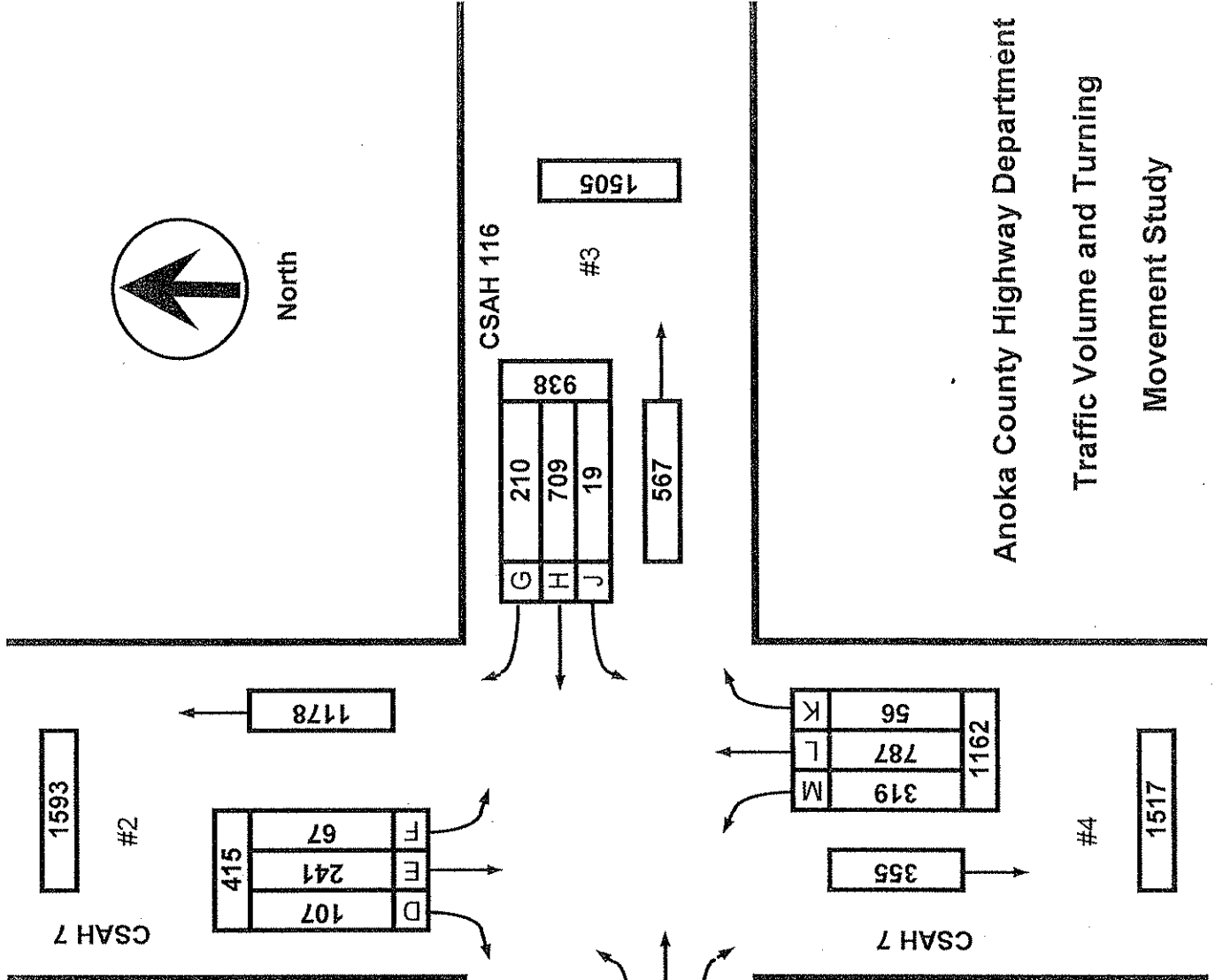
@ CSAH 7 (7th Ave.)

Collection Period : PM PEAK

Hour : 4:30-5:30 PM



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

Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC1025

Site Code : 10250202

Start Date : 07/21/2010

Page No : 1

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

Groups Printed- Unshifted - Bank 1

Start Time	CSAH 7 (7th Ave.) Southbound					CSAH 116 (Bunker Lake Blvd.) Westbound					CSAH 7 (7th Ave.) Northbound					CSAH 116 (Bunker Lake Blvd.) Eastbound					Exclu. Total	Inclu. 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			
06:00	8	145	16	2	169	0	20	1	0	21	4	6	0	0	10	4	39	12	5	55	7	255	262
06:15	8	165	18	3	191	0	25	1	0	26	6	19	3	2	28	6	44	17	1	67	6	312	318
06:30	11	197	35	2	243	0	18	2	1	20	9	7	0	2	16	2	63	36	0	101	5	380	385
06:45	14	199	34	2	247	1	63	4	3	68	12	22	2	2	36	10	76	60	1	146	8	497	505
Total	41	706	103	9	850	1	126	8	4	135	31	54	5	6	90	22	222	125	7	369	26	1444	1470
07:00	15	151	17	2	183	2	24	4	2	30	9	33	3	2	45	11	64	31	1	106	7	364	371
07:15	7	99	17	3	123	1	18	6	1	25	13	33	2	2	48	7	87	36	0	130	6	326	332
07:30	13	187	20	7	220	10	27	9	3	46	17	29	0	6	46	20	83	34	6	137	22	449	471
07:45	15	197	48	8	260	5	85	10	2	100	22	14	3	4	39	18	103	26	11	147	25	546	571
Total	50	634	102	20	786	18	154	29	8	201	61	109	8	14	178	56	337	127	18	520	60	1685	1745
08:00	16	140	31	3	187	4	56	5	6	65	21	19	5	4	45	13	74	20	5	107	18	404	422
08:15	12	116	16	2	144	5	58	6	11	69	18	22	6	2	46	16	77	21	9	114	24	373	397
08:30	13	105	21	5	139	4	56	7	7	67	20	24	1	6	45	15	71	10	10	96	28	347	375
08:45	24	91	24	4	139	9	65	7	11	81	21	30	6	5	57	24	68	12	10	104	30	381	411
Total	65	452	92	14	609	22	235	25	35	282	80	95	18	17	193	68	290	63	34	421	100	1505	1605
09:00	15	97	13	2	125	4	44	11	0	59	20	40	1	2	61	18	87	27	23	132	27	377	404
09:15	15	80	15	0	110	2	69	7	5	78	19	30	0	4	49	13	50	11	2	74	11	311	322
09:30	10	90	20	5	120	2	48	17	7	67	23	60	1	3	84	20	50	12	2	82	17	353	370
09:45	15	69	23	2	107	2	74	9	4	85	23	37	4	1	64	13	72	13	5	98	12	354	366
Total	55	336	71	9	462	10	235	44	16	289	85	167	6	10	258	64	259	63	32	386	67	1395	1462
10:00	22	69	10	1	101	5	73	11	1	89	29	31	4	4	64	14	57	14	4	85	10	339	349
10:15	11	61	11	4	83	4	84	14	6	102	28	49	1	0	78	34	53	13	2	100	12	363	375
10:30	15	64	10	7	89	5	59	13	5	77	23	55	7	2	85	23	75	14	1	112	15	363	378
10:45	13	42	8	1	63	3	72	11	7	86	21	43	2	1	66	30	68	22	10	120	19	335	354
Total	61	236	39	13	336	17	288	49	19	354	101	178	14	7	293	101	253	63	17	417	56	1400	1456
11:00	7	79	19	0	105	3	96	11	7	110	35	46	5	14	86	27	62	16	3	105	24	406	430
11:15	15	41	15	3	71	4	67	18	4	89	23	47	9	3	79	17	80	20	4	117	14	356	370
11:30	18	60	13	4	91	3	69	17	7	89	29	55	8	4	92	28	75	14	6	117	21	389	410
11:45	20	64	21	2	105	5	72	21	4	98	34	74	9	9	117	22	79	13	2	114	17	434	451
Total	60	244	68	9	372	15	304	67	22	386	121	222	31	30	374	94	296	83	15	453	76	1585	1661
12:00	16	48	8	2	72	5	110	15	9	130	39	62	9	3	110	25	96	16	5	137	19	449	468
12:15	22	62	20	1	104	4	78	14	1	96	39	61	4	3	104	18	100	21	7	139	12	443	455
12:30	8	53	19	3	80	7	78	10	2	95	35	61	2	0	98	31	89	20	11	140	16	413	429
12:45	8	69	12	2	89	4	103	15	6	122	20	58	5	4	83	16	70	16	6	102	18	396	414
Total	54	232	59	8	345	20	369	54	18	443	133	242	20	10	395	90	355	73	29	518	65	1701	1766
13:00	13	74	18	6	105	6	130	17	4	153	11	65	5	1	81	29	91	17	1	137	12	476	488
13:15	11	68	16	2	95	2	83	13	4	98	31	51	5	3	87	22	70	13	3	105	12	385	397
13:30	10	64	11	0	85	2	69	24	3	95	40	67	2	2	109	20	70	9	7	99	12	388	400
13:45	29	114	33	10	176	16	179	34	11	229	98	126	10	4	234	28	150	45	7	223	32	862	894
Total	63	320	78	18	461	26	461	88	22	575	180	309	22	10	511	99	381	84	18	584	68	2111	2179
14:00	11	53	15	5	79	4	88	28	5	120	39	83	6	3	128	31	75	17	5	123	18	450	468
14:15	13	64	27	8	104	3	81	20	0	104	41	74	3	1	118	38	63	16	2	117	11	443	454
14:30	13	77	23	4	113	3	106	22	2	131	43	84	6	1	133	28	82	16	5	126	12	503	515
14:45	13	47	23	5	83	3	106	23	9	132	27	96	4	3	127	20	62	17	1	99	18	441	459
Total	50	241	88	22	379	13	381	93	16	487	150	337	19	8	506	117	282	66	13	465	59	1837	1896
15:00	7	52	17	3	76	4	118	17	6	139	57	126	6	5	189	32	60	16	0	108	14	512	526
15:15	13	45	22	3	80	4	119	17	7	140	51	142	2	2	195	27	87	15	2	129	14	544	558
15:30	12	49	17	4	78	7	120	29	1	156	69	156	5	1	230	45	123	23	4	191	10	655	665
15:45	12	43	18	1	73	4	162	29	5	195	65	172	3	3	240	31	95	18	3	144	12	652	664
Total	44	189	74	11	307	19	519	92	19	630	242	596	16	11	854	135	365	72	9	572	50	2363	2413
16:00	18	60	13	1	91	6	145	27	5	178	68	189	4	6	261	40	117	16	5	173	17	703	720
16:15	15	73	16	2	104	1	147	41	5	189	73	195	8	6	276	40	101	23	4	164	17	733	750
16:30	9	69	29	2	107	5	199	55	2	259	73	194	14	3	281	44	131	30	3	205	10	852	862
16:45	18	53	19	1	90	4	185	59	3	248	83	212	11	1	306	40	98	32	2	170	7	814	821
Total	60	255	77	6	392	16	676	182	15	874	297	790	37	16	1124	164	447	101	14	712	51	3102	3153
17:00	19	61	35	1	115	4	160	39	2	203	92	183	16	3	291	54	132	22	1	208	7	817	824
17:15	21	58	24	0	103	6	165	57	3	228	71	198	15	5	284	43	83	11	2	137	10	7	

Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

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

File Name : TMC1025
 Site Code : 10250202
 Start Date : 07/21/2010
 Page No : 2

Groups Printed- Unshifted - Bank 1

Start Time	CSAH 7 (7th Ave.) Southbound					CSAH 116 (Bunker Lake Blvd.) Westbound					CSAH 7 (7th Ave.) Northbound					CSAH 116 (Bunker Lake Blvd.) Eastbound					Excl. Total	Inclu. 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	13	103	30	0	146	3	125	43	0	171	70	130	4	1	204	33	136	26	2	195	3	716	719
18:15	15	84	29	0	128	4	131	47	2	182	54	115	5	0	174	31	78	17	2	126	4	610	614
18:30	5	50	23	1	78	0	130	25	1	155	37	94	5	1	136	48	88	28	0	164	3	533	536
18:45	20	57	18	0	95	4	100	22	3	126	35	90	0	0	125	27	67	10	0	104	3	450	453
Total	53	294	100	1	447	11	486	137	6	634	196	429	14	2	639	139	369	81	4	589	13	2309	2322
19:00	9	44	16	0	69	2	74	23	1	99	28	75	2	1	105	35	71	16	0	122	2	395	397
19:15	11	39	14	0	64	1	93	26	2	120	32	65	2	0	99	21	49	10	0	80	2	363	365
19:30	6	45	17	0	68	1	105	22	0	128	24	77	2	0	103	36	67	5	1	108	1	407	408
19:45	6	44	13	0	63	4	104	34	3	142	39	79	4	2	122	32	59	8	0	99	5	426	431
Total	32	172	60	0	264	8	376	105	6	489	123	296	10	3	429	124	246	39	1	409	10	1591	1601
20:00	14	44	12	1	70	1	102	41	0	144	76	77	1	0	154	55	43	10	0	108	1	476	477
20:15	9	34	16	2	59	4	98	16	0	118	42	72	1	0	115	39	49	7	0	95	2	387	389
20:30	5	31	8	0	44	0	79	18	0	97	23	60	3	0	86	33	80	20	1	133	1	360	361
20:45	8	27	6	0	41	2	93	26	0	121	26	64	0	1	90	35	50	12	1	97	2	349	351
Total	36	136	42	3	214	7	372	101	0	480	167	273	5	1	445	162	222	49	2	433	6	1572	1578
21:00	10	22	9	0	41	1	79	12	1	92	41	85	1	0	127	32	47	12	0	91	1	351	352
21:15	4	17	7	0	28	1	87	12	0	100	29	62	3	0	94	31	46	7	1	84	1	306	307
21:30	8	24	10	1	42	0	58	21	1	79	22	76	2	0	100	21	22	14	0	57	2	278	280
Grand Total	799	4807	1196	148	6802	249	5888	1298	215	7435	2316	4966	285	155	7567	1676	4884	1176	221	7736	739	29540	30279
Apprch % Total %	11.7	70.7	17.6		23	3.3	79.2	17.5		25.2	30.6	65.6	3.8		25.6	21.7	63.1	15.2		26.2	2.4	97.6	
Unshifted % Unshifted	799	4807	1196		6950	249	5888	1298		7650	2316	4966	285		7722	1676	4884	1176		7957	0	0	30279
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 (7th Ave.) Southbound				CSAH 116 (Bunker Lake Blvd.) Westbound				CSAH 7 (7th 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 07:30																	
07:30	13	187	20	220	10	27	9	46	17	29	0	46	20	83	34	137	449
07:45	15	197	48	260	5	85	10	100	22	14	3	39	18	103	26	147	546
08:00	16	140	31	187	4	56	5	65	21	19	5	45	13	74	20	107	404
08:15	12	116	16	144	5	58	6	69	18	22	6	46	16	77	21	114	373
Total Volume	56	640	115	811	24	226	30	280	78	84	14	176	67	337	101	505	1772
% App. Total	6.9	78.9	14.2		8.6	80.7	10.7		44.3	47.7	8		13.3	66.7	20		
PHF	.875	.812	.599	.780	.600	.665	.750	.700	.886	.724	.583	.957	.838	.818	.743	.859	.811

Start Time	CSAH 7 (7th Ave.) Southbound				CSAH 116 (Bunker Lake Blvd.) Westbound				CSAH 7 (7th 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 21:30 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:30																	
16:30	9	69	29	107	5	199	55	259	73	194	14	281	44	131	30	205	852
16:45	18	53	19	90	4	185	59	248	83	212	11	306	40	98	32	170	814
17:00	19	61	35	115	4	160	39	203	92	183	16	291	54	132	22	208	817
17:15	21	58	24	103	6	165	57	228	71	198	15	284	43	83	11	137	752
Total Volume	67	241	107	415	19	709	210	938	319	787	56	1162	181	444	95	720	3235
% App. Total	16.1	58.1	25.8		2	75.6	22.4		27.5	67.7	4.8		25.1	61.7	13.2		
PHF	.798	.873	.764	.902	.792	.891	.890	.905	.867	.928	.875	.949	.838	.841	.742	.865	.949

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

Study Name : TMC1025
Study Date : 07/21/10
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 116 (Bunker Lake Blvd.)

Number of Lanes: 2
Approach Speed: 55
Total Approach Volume: 7,736

Westbound: CSAH 116 (Bunker Lake Blvd.)

Number of Lanes: 2
Approach Speed: 50
Total Approach Volume: 7,435

Minor Street Approaches

Northbound: CSAH 7 (7th Ave.)

Number of Lanes: 2

Total Approach Volume: 7,567

Southbound: CSAH 7 (7th Ave.)

Number of Lanes: 2

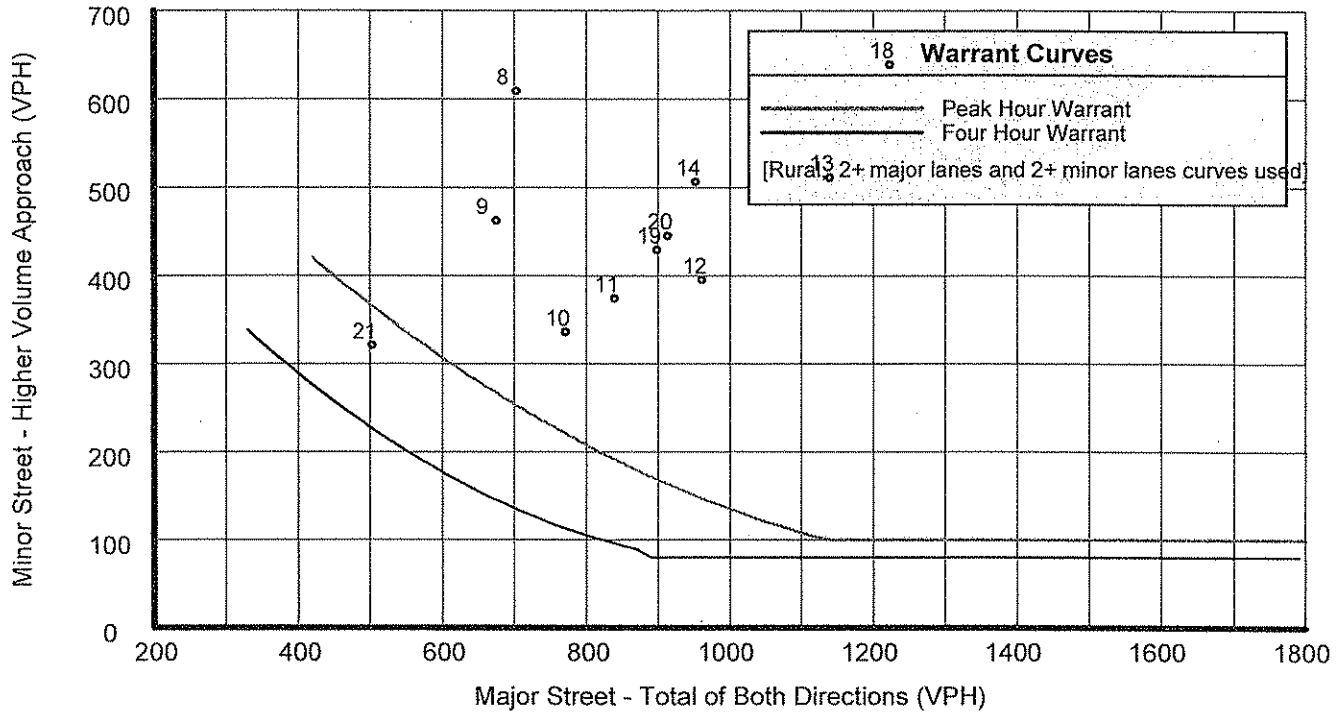
Total Approach Volume: 6,802

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 15 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 (58) 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**

Signal Warrants - Summary



Analysis of 8-Hour Volume Warrants:

Hour	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	504	850	SB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
07:00	721	786	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
08:00	703	609	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
09:00	675	462	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
10:00	771	336	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
11:00	839	374	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
12:00	961	395	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
13:00	1,139	511	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
14:00	952	506	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
15:00	1,202	854	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
16:00	1,586	1,124	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
17:00	1,581	957	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
18:00	1,223	639	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
19:00	898	429	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
20:00	913	445	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
21:00	503	321	NB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-No	112-Yes	Minor
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 : TMC1025
Study Date : 07/21/10
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: CSAH 116 (Bunker Lake Blvd.)
Total Approach Volume: 7,736
Approach Speed: 55

Westbound: CSAH 116 (Bunker Lake Blvd.)
Total Approach Volume: 7,435
Approach Speed: 50

Minor Street Approaches

Northbound: CSAH 7 (7th Ave.)
Total Approach Volume: 7,567

Southbound: CSAH 7 (7th Ave.)
Total Approach Volume: 6,802

Warrant Summary

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

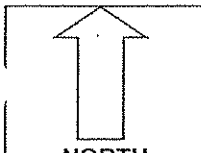
Criteria B - Crash Experience Not Evaluated

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 16 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	290	657	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
06:45 - 07:45	688	948	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:45 - 08:45	765	905	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:45 - 09:45	677	745	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
09:45 - 10:45	748	671	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
10:45 - 11:45	833	653	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
11:45 - 12:45	949	790	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
12:45 - 13:45	911	734	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
13:45 - 14:45	1,173	1,085	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
14:45 - 15:45	1,094	1,058	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:45 - 16:45	1,507	1,433	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:45 - 17:45	1,642	1,483	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:45 - 18:45	1,350	1,203	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:45 - 19:45	887	728	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
19:45 - 20:45	936	713	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
20:45 - 21:45	721	563	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



COUNT LOCATION:

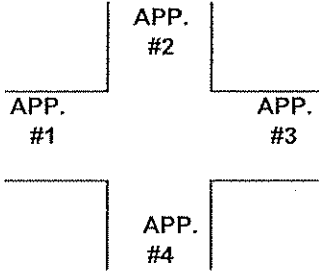
CSAH 116 (Bunker Lake Blvd.)

DATE:

07/22/2010

@ CSAH 7 (7th Ave.)

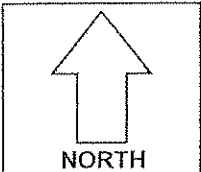
APP. #1 = CSAH 14
APP. #2 = CSAH 7
APP. #3 = CSAH 14
APP. #4 = CSAH 7



- 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		1
6:15-6:30						6		
6:30-6:45						3		3
6:45-7:00						7		1
HOURLY TOTAL						HOURLY TOTAL		27
7:00-7:15						6		1
7:15-7:30						3		2
7:30-7:45						14		7
7:45-8:00						18		7
HOURLY TOTAL						HOURLY TOTAL		58
8:00-8:15						10		9
8:15-8:30						20		2
8:30-8:45						20		9
8:45-9:00						21		8
HOURLY TOTAL						HOURLY TOTAL		99
9:00-9:15						11		15
9:15-9:30						11		
9:30-9:45						17		
9:45-10:00						12		
HOURLY TOTAL						HOURLY TOTAL		66
10:00-10:15						10		
10:15-10:30						12		
10:30-10:45						14		1
10:45-11:00						17		2
HOURLY TOTAL						HOURLY TOTAL		56
11:00-11:15						7		17
11:15-11:30						12		2
11:30-11:45						17		4
11:45-12:00						10		7
HOURLY TOTAL						HOURLY TOTAL		76
12:00-12:15						5		11
12:15-12:30						6		6
12:30-12:45						9		8
12:45-1:00						16		2
HOURLY TOTAL						HOURLY TOTAL		63
1:00-1:15						8		3
1:15-1:30						10		1
1:30-1:45						11		
1:45-2:00						12		
HOURLY TOTAL						HOURLY TOTAL		45
					TOTAL			
						TOTAL		490

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COUNT LOCATION: CSAH 116 (Bunker Lake Blvd.) DATE: 07/21/2010
@ CSAH 7 (7th Ave.)

APP. #1 = CSAH 14
APP. #2 = CSAH 7
APP. #3 = CSAH 14
APP. #4 = CSAH 7

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						19			1
2:15-2:30						18			2
2:30-2:45						9	1		3
2:45-3:00						12			4
HOURLY TOTAL						HOURLY TOTAL		59	
3:00-3:15						18			5
3:15-3:30						14			6
3:30-3:45						13		1	7
3:45-4:00						9	1		8
HOURLY TOTAL						HOURLY TOTAL		56	
4:00-4:15						8		1	9
4:15-4:30						16		1	10
4:30-4:45						16			11
4:45-5:00						9	1		12
HOURLY TOTAL						HOURLY TOTAL		52	
5:00-5:15						7			13
5:15-5:30						7			14
5:30-5:45						8	1	1	15
5:45-6:00						7			16
HOURLY TOTAL						HOURLY TOTAL		31	
6:00-6:15						4			17
6:15-6:30						3			18
6:30-6:45						4			19
6:45-7:00						3			20
HOURLY TOTAL						HOURLY TOTAL		14	
7:00-7:15						3			21
7:15-7:30						2			22
7:30-7:45						1		1	23
7:45-8:00						1			24
HOURLY TOTAL						HOURLY TOTAL		8	
8:00-8:15						4	1		25
8:15-8:30									26
8:30-8:45						2			27
8:45-9:00						1			28
HOURLY TOTAL						HOURLY TOTAL		8	
9:00-9:15						2			29
9:15-9:30						1			30
9:30-9:45						1			31
9:45-10:00						2			32
HOURLY TOTAL						HOURLY TOTAL		6	
					TOTAL		TOTAL	724	