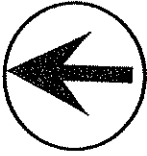


Date : 08/07/07

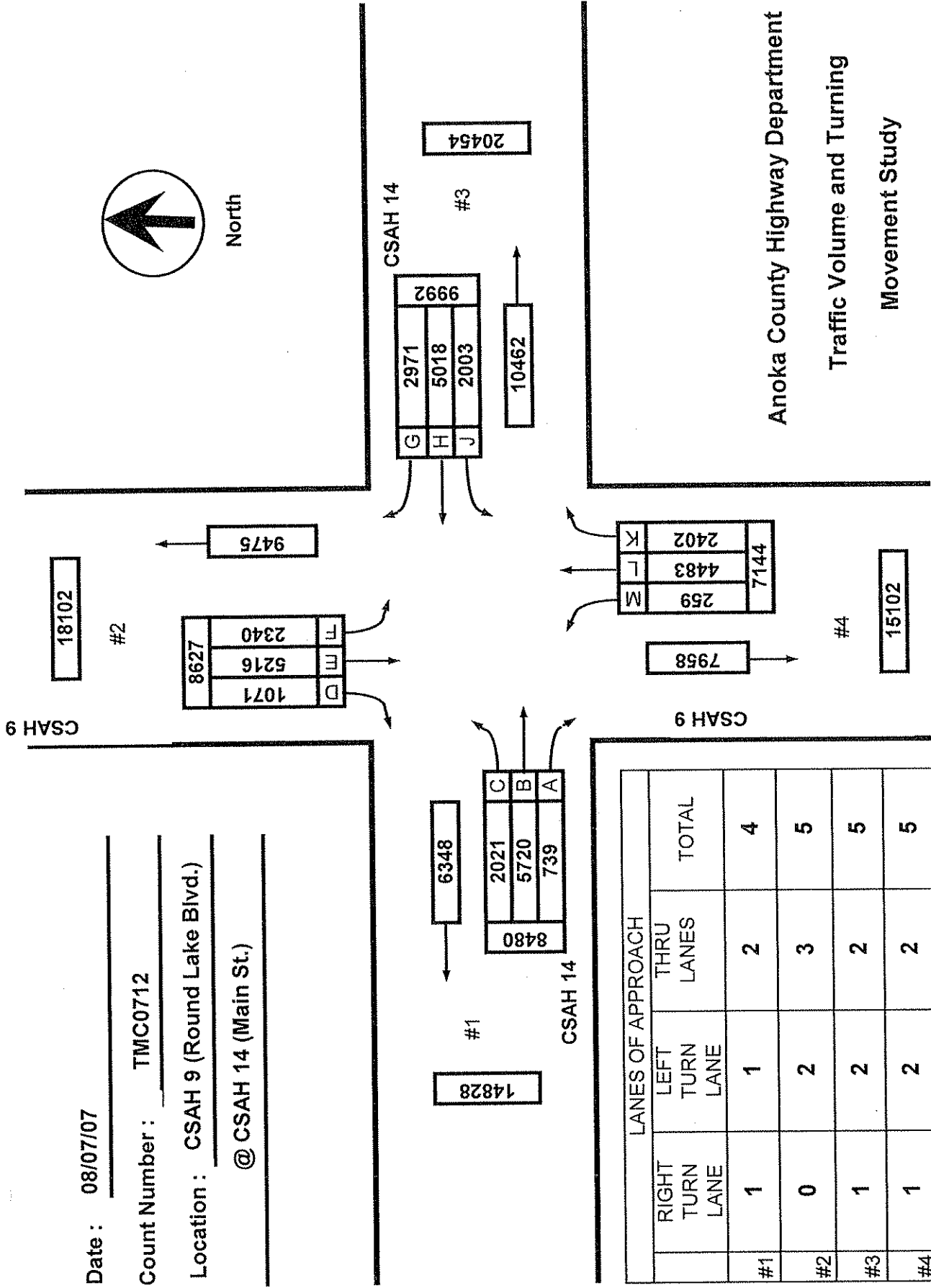
Count Number : TMC0712

Location : CSAH 9 (Round Lake Blvd.)

@ CSAH 14 (Main St.)



North



	LANES OF APPROACH			TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	1	1	2	4
#2	0	2	3	5
#3	1	2	2	5
#4	1	2	2	5

Anoka County Highway Department

Traffic Volume and Turning

Movement Study



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Warm and Sunny
 Counter: DB-400
 Counted by: Anthony/Isaac

File Name : 0712_TMC
 Site Code : 07120102
 Start Date : 08/08/2007
 Page No : 1

Groups Printed- Unshifted

Start Time	CSAH 9 Southbound					CSAH 14 Westbound					CSAH 9 Northbound					CSAH 14 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	27	58	15	1	100	11	46	8	1	65	0	21	14	0	35	11	34	1	0	46	2	246	248
06:15	14	52	6	0	72	26	51	10	4	87	1	24	19	0	44	12	43	5	0	60	4	263	267
06:30	7	44	5	1	56	36	76	9	5	121	2	48	22	2	72	14	54	2	1	70	9	319	328
06:45	21	65	8	2	94	55	59	8	1	122	2	61	18	0	81	33	78	7	5	118	8	415	423
Total	69	219	34	4	322	128	232	35	11	395	5	154	73	2	232	70	209	15	6	294	23	1243	1266
07:00	25	63	8	1	96	28	47	13	1	88	2	31	18	0	51	20	84	8	4	112	6	347	353
07:15	19	62	10	0	91	43	55	15	1	113	0	54	28	0	82	20	91	8	3	119	4	405	409
07:30	12	58	11	0	81	37	68	12	3	117	3	53	29	2	85	16	95	11	0	122	5	405	410
07:45	30	44	12	0	85	23	78	13	5	114	1	42	33	5	76	16	87	9	0	112	10	388	398
Total	86	227	41	1	354	131	248	53	10	432	6	180	108	7	294	72	357	36	7	465	25	1545	1570
08:00	18	57	10	3	85	22	78	6	3	106	3	52	38	5	93	21	92	8	3	121	14	405	419
08:15	29	63	15	4	107	32	61	16	1	109	5	44	26	1	75	12	109	16	4	137	10	428	438
08:30	11	49	9	6	69	34	60	13	4	107	6	48	32	3	86	20	98	14	0	132	13	394	407
08:45	23	55	11	3	89	30	61	18	3	109	7	55	37	2	99	14	87	11	4	112	12	409	421
Total	81	224	45	16	350	118	260	53	11	431	21	199	133	11	353	67	386	49	11	502	49	1636	1685
09:00	16	51	2	4	69	27	79	27	4	133	8	51	34	1	93	8	78	14	4	100	13	395	408
09:15	24	58	16	7	98	28	53	29	5	110	2	52	36	3	90	35	79	7	3	121	18	419	437
09:30	18	44	15	8	77	23	62	24	5	109	3	54	38	3	95	12	74	17	5	103	21	384	405
09:45	62	82	13	0	157	40	65	48	3	153	0	75	40	2	115	24	93	14	3	131	8	556	564
Total	120	235	46	19	401	118	259	128	17	505	13	232	148	9	393	79	324	52	15	455	60	1754	1814
10:00	64	109	17	0	190	28	71	38	6	137	6	70	32	2	108	21	88	7	0	116	8	551	559
10:15	24	86	28	10	138	28	70	47	4	145	5	65	40	4	110	26	92	26	6	144	24	537	561
10:30	48	64	17	2	129	14	66	40	3	120	3	60	30	3	93	46	74	15	3	135	11	477	488
10:45	41	82	14	4	137	12	74	44	5	130	4	70	36	4	110	40	80	20	1	140	14	517	531
Total	177	341	76	16	594	82	281	169	18	532	18	265	138	13	421	133	334	68	10	535	57	2082	2139
11:00	36	75	17	0	128	18	68	52	2	138	3	60	41	8	104	40	75	0	0	115	10	485	495
11:15	35	79	20	6	134	18	71	45	4	134	6	67	35	7	108	37	82	18	3	137	20	513	533
11:30	44	85	15	6	144	25	71	55	6	151	5	49	29	2	83	64	77	10	2	151	16	529	545
11:45	31	62	17	4	110	29	71	48	3	148	6	49	34	5	89	41	66	12	3	119	15	466	481
Total	146	301	69	16	516	90	281	200	15	571	20	225	139	22	384	182	300	40	8	522	61	1993	2054
12:00	40	80	13	0	133	30	68	62	2	160	2	68	33	0	103	38	81	11	0	130	2	526	528
12:15	28	81	21	7	130	28	70	63	4	161	4	69	34	3	107	47	73	7	8	127	22	525	547
12:30	33	80	22	2	135	22	71	53	3	146	4	62	41	2	107	19	68	7	3	94	10	482	492
12:45	44	83	17	7	144	32	115	55	3	202	4	62	40	1	106	45	99	17	5	161	16	613	629
Total	145	324	73	16	542	112	324	233	12	669	14	261	148	6	423	149	321	42	16	512	50	2146	2196
13:00	53	103	16	5	172	26	100	52	6	178	4	57	38	2	99	36	91	15	6	142	19	591	610
13:15	54	95	17	5	166	30	101	68	3	199	1	70	51	1	122	45	109	14	9	168	18	555	673
13:30	50	62	11	8	123	36	100	73	4	209	5	69	41	3	115	42	104	8	6	154	21	601	622
13:45	45	64	17	2	126	33	104	68	3	205	3	73	45	6	121	38	63	15	4	116	15	568	583
Total	202	324	61	20	587	125	405	261	16	791	13	269	175	12	457	161	367	52	25	580	73	2415	2488
14:00	48	98	5	8	151	24	79	35	3	138	1	64	30	1	95	22	109	4	0	135	12	519	531
14:15	62	92	16	1	170	50	102	79	6	231	5	89	48	2	142	47	122	7	7	176	16	719	735
14:30	54	101	20	9	175	56	124	56	2	236	5	89	57	5	151	52	127	11	7	190	23	752	775
14:45	62	119	27	0	208	57	133	58	4	248	8	93	61	7	162	54	137	12	5	203	16	821	837
Total	226	410	68	18	704	187	438	228	15	853	19	335	196	15	550	175	495	34	19	704	67	2811	2878
15:00	48	106	11	0	165	54	133	56	3	243	9	94	57	3	160	47	130	15	0	192	6	760	766
15:15	65	116	21	5	202	50	105	73	5	228	6	90	52	1	148	53	135	20	9	208	20	786	806
15:30	61	115	19	8	195	51	109	75	4	235	0	93	55	2	148	40	127	15	5	182	19	760	779
15:45	49	124	17	4	190	37	115	82	1	234	2	100	62	4	164	58	122	13	4	193	13	781	794
Total	223	461	68	17	752	192	462	286	13	940	17	377	226	10	620	198	514	63	18	775	58	3087	3145
16:00	50	104	16	0	170	50	101	69	4	220	11	113	47	1	171	42	124	10	0	176	5	737	742
16:15	49	130	17	6	196	45	96	71	6	212	10	122	44	3	176	51	132	12	4	195	19	779	798
16:30	67	115	18	8	200	25	102	70	3	197	14	117	32	5	163	58	104	7	6	169	22	729	751
16:45	53	142	16	4	211	28	94	64	1	186	4	117	53	0	174	63	133	13	6	209	11	780	791
Total	219	491	67	18	777	148	393	274	14	815	39	469	176	9	684	214	493	42	16	749	57	3025	3082
17:00	49	137	39	7	225	42	102	66	0	210	6	124	75	0	205	42	126	18	8	186	15	826	841
17:15	75	135	15	5	225	41	94	73	0	208	4	136	55	3	195	35	119	15	5	169	13	797	810
17:30	46	115	31	6	192																		



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : 0712_TMC
 Site Code : 07120102
 Start Date : 08/08/2007
 Page No : 2

Weather: Warm and Sunny
 Counter: DB-400
 Counted by: Anthony/Isaac

Groups Printed- Unshifted

Start Time	CSAH 9 Southbound					CSAH 14 Westbound					CSAH 9 Northbound					CSAH 14 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			
18:15	20	111	37	0	168	31	79	56	1	166	3	87	35	2	125	13	132	17	0	162	3	621	624
18:30	35	77	11	3	123	35	75	51	0	161	3	85	35	2	123	39	80	9	4	128	9	535	544
18:45	16	66	33	4	115	28	73	47	5	148	5	81	36	3	122	24	71	14	5	109	17	494	511
Total	106	363	119	14	588	130	314	214	7	658	11	359	159	9	529	101	405	62	18	568	48	2343	2391
19:00	30	81	10	0	121	30	72	66	0	168	3	58	33	1	94	30	77	10	0	117	1	500	501
19:15	35	69	19	0	123	27	74	60	2	161	6	51	33	1	90	36	76	14	0	126	3	500	503
19:30	24	74	16	5	114	44	69	55	0	168	0	85	48	1	113	10	59	14	5	83	11	478	489
19:45	31	72	13	1	116	18	63	50	0	131	5	55	34	0	94	20	59	10	3	89	4	430	434
Total	120	296	58	6	474	119	278	231	2	628	14	229	148	3	391	96	271	48	8	415	19	1908	1927
20:00	30	65	21	3	116	29	63	45	1	137	2	58	33	1	93	10	63	9	3	82	8	428	436
20:15	27	68	19	0	114	22	68	43	0	133	11	53	31	1	95	27	56	9	3	92	4	434	438
20:30	10	60	14	2	84	23	70	58	0	151	1	52	24	0	77	29	71	13	1	113	3	425	428
20:45	35	68	25	1	128	21	69	51	0	141	2	50	34	1	86	27	70	13	1	110	3	465	468
Total	102	261	79	6	442	95	270	197	1	562	16	213	122	3	351	93	260	44	8	397	18	1752	1770
21:00	27	67	13	2	107	31	52	46	0	129	2	81	17	0	100	17	49	10	2	76	4	412	416
21:15	31	50	29	1	110	22	57	46	0	125	4	64	29	0	97	23	39	13	0	75	1	407	408
21:30	34	53	9	0	96	0	47	36	0	83	2	52	24	1	78	18	44	3	0	65	1	322	323
21:45	23	47	4	0	74	16	52	44	0	112	2	55	24	0	81	17	54	6	0	77	0	344	344
Total	115	217	55	3	387	69	208	172	0	449	10	252	94	1	356	75	186	32	2	293	6	1485	1491
Grand Total	2340	5216	1071	212	8627	2003	5018	2971	166	9992	259	4483	2402	141	7144	2021	5720	739	211	8480	730	34243	34973
Apprch %	27.1	60.5	12.4			20	50.2	29.7			3.6	62.8	33.6			23.8	67.5	8.7			2.1	97.9	
Total %	6.8	15.2	3.1		25.2	5.8	14.7	8.7		29.2	0.8	13.1	7		20.9	5.9	16.7	2.2		24.8			

Start Time	CSAH 9 Southbound				CSAH 14 Westbound				CSAH 9 Northbound				CSAH 14 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 09:45																	
09:45	62	82	13	157	40	65	48	153	0	75	40	115	24	93	14	131	556
10:00	64	109	17	190	28	71	38	137	6	70	32	108	21	88	7	116	551
10:15	24	86	28	138	28	70	47	145	5	65	40	110	26	92	26	144	537
10:30	48	64	17	129	14	66	40	120	3	60	30	93	46	74	15	135	477
Total Volume	198	341	75	614	110	272	173	555	14	270	142	426	117	347	62	526	2121
% App. Total	32.2	55.5	12.2		19.8	49	31.2		3.3	63.4	33.3		22.2	66	11.8		
PHF	.773	.782	.670	.808	.688	.958	.901	.907	.583	.900	.888	.926	.636	.933	.596	.913	.954

Start Time	CSAH 9 Southbound				CSAH 14 Westbound				CSAH 9 Northbound				CSAH 14 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 16:30																	
16:30	67	115	18	200	25	102	70	197	14	117	32	163	58	104	7	169	729
16:45	53	142	16	211	28	94	64	186	4	117	53	174	63	133	13	209	780
17:00	49	137	39	225	42	102	66	210	6	124	75	205	42	126	18	186	826
17:15	75	135	15	225	41	94	73	208	4	136	55	195	35	119	15	169	797
Total Volume	244	529	88	861	136	392	273	801	28	494	215	737	198	482	53	733	3132
% App. Total	28.3	61.4	10.2		17	48.9	34.1		3.8	67	29.2		27	65.8	7.2		
PHF	.813	.931	.564	.957	.810	.961	.935	.954	.500	.908	.717	.899	.786	.906	.736	.877	.948

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

Study Name : TMC0712
Study Date : 09/22/10
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 14
Number of Lanes: 2
Approach Speed: 45
Total Approach Volume: 8,480

Westbound: CSAH 14
Number of Lanes: 2
Approach Speed: 45
Total Approach Volume: 9,992

Minor Street Approaches

Northbound: CSAH 9
Number of Lanes: 2
Total Approach Volume: 7,144

Southbound: CSAH 9
Number of Lanes: 2
Total Approach Volume: 8,627

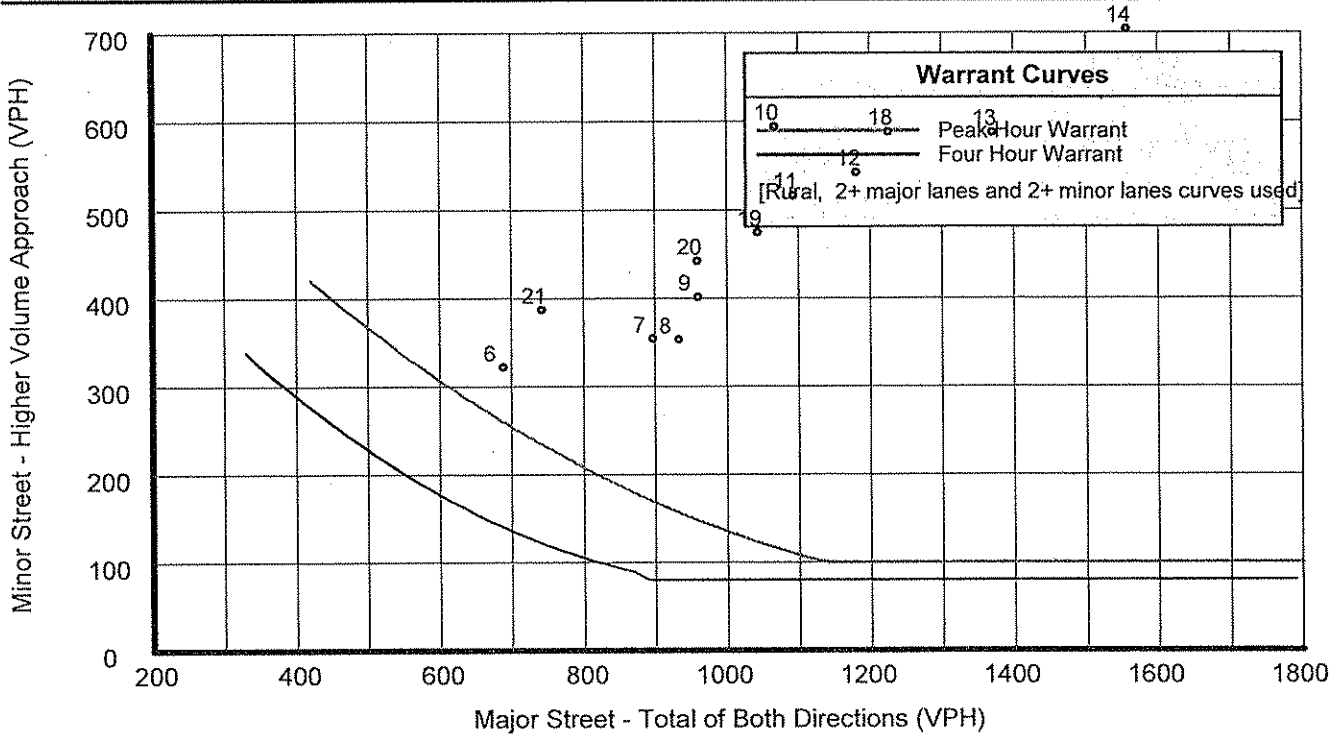
Warrant Summary (Rural values apply.)

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 16 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 (63) 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 : TMC0712
Study Date : 09/22/10
Page No. : 25

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	689	322	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
07:00	897	354	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
08:00	933	353	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
09:00	960	401	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
10:00	1,067	594	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
11:00	1,093	516	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
12:00	1,181	542	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
13:00	1,371	587	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
14:00	1,557	704	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
15:00	1,715	752	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
16:00	1,564	777	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
17:00	1,475	837	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
18:00	1,226	588	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
19:00	1,043	474	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
20:00	959	442	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
21:00	742	387	SB	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 : TMC0712
Study Date : 09/22/10
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: CSAH 14
Total Approach Volume: 8,480
Approach Speed: 45

Westbound: CSAH 14
Total Approach Volume: 9,992
Approach Speed: 45

Minor Street Approaches

Northbound: CSAH 9
Total Approach Volume: 7,144

Southbound: CSAH 9
Total Approach Volume: 8,627

Warrant Summary

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

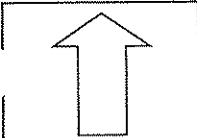
Criteria B - Crash Experience Not Evaluated

Criteria C - Minimum Volumes and Delays Satisfied
Delay data not evaluated
Required volumes reached for 17 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?
05:30 - 06:30	258	251	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
06:30 - 07:30	863	623	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:30 - 08:30	938	688	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:30 - 09:30	924	693	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
09:30 - 10:30	1,038	990	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
10:30 - 11:30	1,049	943	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
11:30 - 12:30	1,147	899	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
12:30 - 13:30	1,290	1,051	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
13:30 - 14:30	1,364	1,043	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
14:30 - 15:30	1,748	1,371	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:30 - 16:30	1,647	1,410	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:30 - 17:30	1,534	1,598	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:30 - 18:30	1,382	1,327	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:30 - 19:30	1,118	911	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
19:30 - 20:30	915	855	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
20:30 - 21:30	920	789	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
21:30 - 22:30	337	329	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



COUNT LOCATION: _____

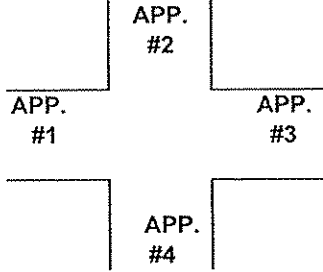
CSAH 9 @ CSAH 14

DATE: _____

08/08/2007

NORTH

APP. #1 = CSAH 14
APP. #2 = CSAH 9
APP. #3 = CSAH 14
APP. #4 = CSAH 9



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						2		
6:15-6:30						4		
6:30-6:45						3		6
6:45-7:00						5		3
HOURLY TOTAL						HOURLY TOTAL		23
7:00-7:15						6		
7:15-7:30						4		
7:30-7:45						5		
7:45-8:00						8		1
HOURLY TOTAL						HOURLY TOTAL		24
8:00-8:15						14		
8:15-8:30						10		
8:30-8:45						13		
8:45-9:00						12		
HOURLY TOTAL						HOURLY TOTAL		49
9:00-9:15						13		
9:15-9:30						15	2	
9:30-9:45						20		1
9:45-10:00						8		
HOURLY TOTAL						HOURLY TOTAL		59
10:00-10:15						8		
10:15-10:30						23		
10:30-10:45						11		
10:45-11:00						10	1	4
HOURLY TOTAL						HOURLY TOTAL		57
11:00-11:15						10		
11:15-11:30						15		5
11:30-11:45						16		
11:45-12:00						15		
HOURLY TOTAL						HOURLY TOTAL		61
12:00-12:15						2		
12:15-12:30						22		
12:30-12:45						10		
12:45-1:00						16		
HOURLY TOTAL						HOURLY TOTAL		50
1:00-1:15						19		
1:15-1:30						18		
1:30-1:45						15		6
1:45-2:00						9		5
HOURLY TOTAL						HOURLY TOTAL		72
					TOTAL		TOTAL	372

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