

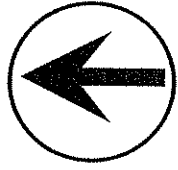
Date : 06/23/09

Count Number : TMC0918

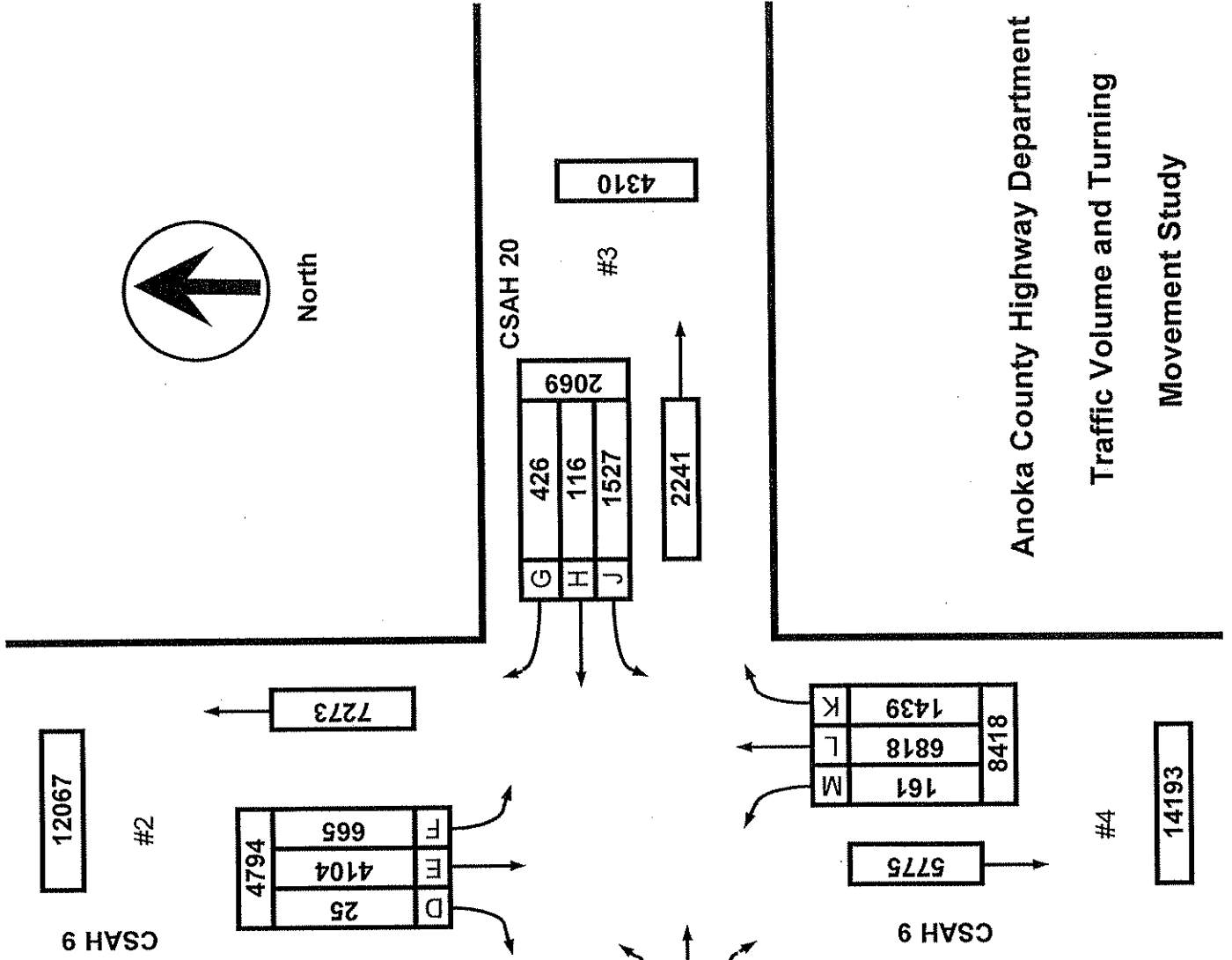
Location : CSAH 9 (Round Lake Blvd.)

@ CSAH 20 (161st Ave.)

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



North



12067

#2

CSAH 9

4794			
25	D	4104	T
		665	

7273

CSAH 20

#1

612

161st Ave.

302			
310	C	29	
	B	137	
	A	144	

#3

4310

2069			
426	G	116	
1527	H		

2241

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

1439			
6818	L	161	
8418	K		

5775

#4

14193

Anoka County Highway Department

Traffic Volume and Turning

Movement Study

Date : 06/23/09

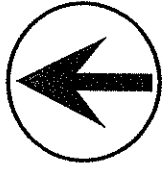
Count Number : TMC0918

Location : CSAH 9 (Round Lake Blvd.)

@ CSAH 20 (161st Ave.)

Collection Period : PM PEAK

Hour : 4:30 - 5:30PM



North

CSAH 9 #2
1629

332	77	T
252		M
3		D

1297

CSAH 20 #3

42	141	G
10		H
89		J

400

541

#1
53

25	C
13	B
11	A

28

161st Ave.

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

15	M
1254	L
310	K
1579	

352

CSAH 9 #4

1931

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 : TMC0918

Site Code : 09180202

Start Date : 6/23/2009

Page No : 1

Weather: Hot and Humid
Counter: DB-400
Counted by: Laura/Jake

Groups Printed- Unshifted

Start Time	CSAH 9 Southbound					CSAH 20 Westbound					CSAH 9 Northbound					161st Ave. 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	8	140	0	7	148	37	0	2	0	39	0	17	5	0	22	0	2	6	0	8	7	217	224
06:15	12	143	0	6	155	38	0	2	1	40	1	8	4	0	13	0	1	4	0	5	7	213	220
06:30	17	159	0	3	176	70	0	0	4	70	0	17	8	2	25	0	2	4	0	6	9	277	286
06:45	15	167	0	1	182	53	0	10	1	63	1	30	14	11	45	0	4	4	0	8	13	298	311
Total	52	609	0	17	661	198	0	14	6	212	2	72	31	13	105	0	9	18	0	27	36	1005	1041
07:00	17	158	0	4	175	50	1	1	0	52	0	19	9	4	28	0	4	7	0	11	8	266	274
07:15	9	167	0	4	176	50	0	1	0	51	1	23	9	2	33	0	5	6	0	11	6	271	277
07:30	24	134	1	5	159	53	0	9	5	62	2	28	17	8	47	0	6	2	0	8	18	276	294
07:45	16	128	0	0	144	40	3	8	1	51	4	35	10	2	49	2	5	3	0	10	3	254	257
Total	66	587	1	13	654	193	4	19	6	216	7	105	45	16	157	2	20	18	0	40	35	1067	1102
08:00	23	101	0	4	124	60	0	3	5	63	1	25	10	1	36	0	2	3	0	5	10	228	238
08:15	9	89	0	5	98	19	0	3	0	22	2	23	20	4	45	0	0	1	0	1	9	166	175
08:30	14	79	0	3	93	25	0	3	0	28	5	22	10	1	37	0	2	2	0	4	4	162	166
08:45	8	62	1	2	71	44	1	9	4	54	1	20	17	1	38	0	5	2	0	7	7	170	177
Total	54	331	1	14	386	148	1	18	9	167	9	90	57	7	156	0	9	8	0	17	30	726	756
09:00	6	69	0	1	75	34	0	4	3	38	0	21	12	6	33	0	1	4	0	5	10	151	161
09:15	7	72	0	1	79	30	1	2	1	33	0	33	12	2	45	1	0	3	1	4	5	161	166
09:30	16	42	0	4	58	22	1	4	2	27	1	47	11	0	59	0	0	3	0	3	6	147	153
09:45	5	48	1	2	54	18	2	3	0	23	2	34	11	6	47	0	1	1	0	2	8	126	134
Total	34	231	1	8	266	104	4	13	6	121	3	135	46	14	184	1	2	11	1	14	29	585	614
10:00	10	68	0	2	78	20	1	7	0	28	4	31	2	1	37	0	1	0	0	1	3	144	147
10:15	7	50	0	2	57	20	2	15	1	37	3	33	15	2	51	0	1	3	1	4	6	149	155
10:30	4	63	0	3	67	25	4	5	1	34	1	64	11	4	76	0	4	0	0	4	8	181	189
10:45	12	53	1	3	66	11	4	5	0	20	0	71	16	4	87	0	6	1	0	7	7	180	187
Total	33	234	1	10	268	76	11	32	2	119	8	199	44	11	251	0	12	4	1	16	24	654	678
11:00	2	53	1	4	56	28	4	7	2	39	1	65	20	1	86	0	0	5	0	5	7	186	193
11:15	8	62	0	2	70	31	10	12	11	53	3	99	25	3	127	0	4	1	0	5	16	255	271
11:30	7	48	0	2	55	23	1	6	1	30	1	68	24	6	93	2	0	0	1	2	10	180	190
11:45	10	39	0	2	49	19	2	3	2	24	2	65	4	1	71	1	2	1	0	4	5	148	153
Total	27	202	1	10	230	101	17	28	16	146	7	297	73	11	377	3	6	7	1	16	38	769	807
12:00	5	62	0	3	67	17	1	6	4	24	2	74	15	3	91	0	1	3	0	4	10	186	196
12:15	6	68	0	1	74	33	0	3	4	36	2	95	14	3	111	1	0	2	0	3	8	224	232
12:30	9	63	1	2	73	18	0	3	1	21	2	92	14	1	108	0	0	4	0	4	4	206	210
12:45	4	41	0	0	45	9	2	13	2	24	0	123	18	4	141	1	1	3	0	5	6	215	221
Total	24	234	1	6	259	77	3	25	11	105	6	384	61	11	451	2	2	12	0	16	28	831	859
13:00	0	24	1	0	25	17	1	3	4	21	3	76	20	4	99	0	1	2	0	3	8	148	156
13:15	8	67	0	3	75	18	0	5	1	23	1	115	13	3	129	0	2	2	0	4	7	231	238
13:30	8	52	0	1	60	15	0	5	2	20	4	119	16	2	139	0	0	2	0	2	5	221	226
13:45	0	0	0	0	0	19	1	7	0	27	0	57	13	2	70	1	0	0	0	1	2	98	100
Total	16	143	1	4	160	69	2	20	7	91	8	367	62	11	437	1	3	6	0	10	22	698	720
14:00	2	38	0	0	40	13	0	1	0	14	0	57	17	8	74	1	1	0	0	2	8	130	138
14:15	14	62	1	2	77	12	0	4	0	16	4	153	23	1	180	1	0	4	0	5	3	278	281
14:30	7	62	0	2	69	30	1	12	1	43	5	199	24	1	228	1	2	3	1	6	5	346	351
14:45	12	48	0	0	60	19	2	10	3	31	6	223	45	9	274	0	1	1	0	2	12	367	379
Total	35	210	1	4	246	74	3	27	4	104	15	632	109	19	756	3	4	8	1	15	28	1121	1149
15:00	12	42	0	1	54	10	1	6	0	17	5	151	21	4	177	0	3	4	0	7	5	255	260
15:15	10	65	1	1	76	12	1	3	0	16	2	150	22	8	174	0	5	3	0	8	9	274	283
15:30	11	76	0	2	87	14	0	3	0	17	2	212	49	2	263	2	2	1	0	5	4	372	376
15:45	9	49	0	2	58	14	2	4	1	20	2	199	38	1	239	1	1	1	0	3	4	320	324
Total	42	232	1	6	275	50	4	16	1	70	11	712	130	15	853	3	11	9	0	23	22	1221	1243
16:00	9	75	1	1	85	12	0	3	0	15	9	148	25	0	182	0	1	0	0	1	1	283	284
16:15	9	67	1	0	77	21	2	9	1	32	3	189	23	0	215	1	4	2	1	7	2	331	333
16:30	15	64	1	2	80	18	2	9	2	29	7	321	71	5	399	0	6	2	0	8	9	516	525
16:45	15	66	2	2	83	22	1	14	1	37	3	260	72	0	335	1	4	4	0	9	3	464	467
Total	48	272	5	5	325	73	5	35	4	113	22	918	191	5	1131	2	15	8	1	25	15	1594	1609
17:00	23	65	0	0	88	27	3	7	0	37	3	444	110	1	557	0	0	1	0	1	1	683	684
17:15	24	57	0	0	81	22	4	12	1	38	2	229	57	1	288	0	3	4	0	7	2	414	416
17:30	14	55	1	0	70	17	1	3	0	21	5	209	40	2	254	0	3	4	0	7	2	352	354
17:45	7	48	1	0	56	24	3	8	1	35	2	187	39	1	228	2	2	3	0	7	2	326	328
Total	68	225	2	0	295	90	11	30	2	131	12	1069	246	5	1327	2	8	12	0	22	7	1775	1782

Anoka County Highway Department

Traffic Engineering Section
Traffic Volume and Turning Movement Study

File Name : TMC0918
Site Code : 09180202
Start Date : 6/23/2009
Page No : 2

Weather: Hot and Humid
Counter: DB-400
Counted by: Laura/Jake

Groups Printed- Unshifted

Start Time	CSAH 9 Southbound					CSAH 20 Westbound					CSAH 9 Northbound					161st Ave. 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			
18:00	9	53	1	1	63	21	3	15	1	39	3	148	25	0	176	2	3	2	0	7	2	285	287
18:15	16	66	1	2	83	29	1	5	0	35	1	186	36	1	223	2	5	2	0	9	3	350	353
18:30	12	49	0	0	61	18	1	7	1	26	3	138	14	0	155	0	1	0	0	1	1	243	244
18:45	10	53	3	0	66	21	6	15	0	42	2	108	19	1	129	0	8	4	0	12	1	249	250
Total	47	221	5	3	273	89	11	42	2	142	9	580	94	2	683	4	17	8	0	29	7	1127	1134
19:00	13	26	0	2	39	12	6	7	0	25	1	184	18	2	203	1	1	0	0	2	4	269	273
19:15	10	33	0	0	43	20	1	10	0	31	6	98	22	0	126	1	4	4	0	9	0	209	209
19:30	12	25	1	0	38	18	2	3	0	23	0	70	17	1	87	0	3	0	0	3	1	151	152
19:45	12	40	0	0	52	15	1	9	0	25	3	98	10	0	111	0	1	1	0	2	0	190	190
Total	47	124	1	2	172	65	10	29	0	104	10	450	67	3	527	2	9	5	0	16	5	819	824
20:00	16	48	2	0	66	9	8	3	0	20	4	101	11	0	116	1	1	4	0	6	0	208	208
20:15	5	44	0	0	49	18	0	7	0	25	9	114	16	2	139	1	1	2	0	4	2	217	219
20:30	9	27	0	0	36	22	11	21	0	54	6	100	55	0	161	0	0	1	0	1	0	252	252
20:45	11	27	0	1	38	26	2	15	2	43	4	114	39	2	157	0	2	0	0	2	5	240	245
Total	41	146	2	1	189	75	21	46	2	142	23	429	121	4	573	2	4	7	0	13	7	917	924
21:00	6	23	0	0	29	27	3	18	0	48	6	153	22	1	181	1	2	0	0	3	1	261	262
21:15	16	38	1	0	55	14	4	10	0	28	1	132	21	0	154	1	2	1	0	4	0	241	241
21:30	9	42	0	0	51	4	2	4	0	10	2	94	19	0	115	0	2	2	0	4	0	180	180
Grand Total	665	4104	25	103	4794	1527	116	426	78	2069	161	6818	1439	148	8418	29	137	144	5	310	334	15591	15925
Apprch %	13.9	85.6	0.5			73.8	5.6	20.6			1.9	81	17.1			9.4	44.2	46.5					
Total %	4.3	26.3	0.2		30.7	9.8	0.7	2.7		13.3	1	43.7	9.2		54	0.2	0.9	0.9		2	2.1	97.9	

Start Time	CSAH 9 Southbound					CSAH 20 Westbound					CSAH 9 Northbound					161st Ave. 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 06:30																					
06:30	17	159	0	176	70	0	0	70	0	17	8	25	0	2	4	6	277				
06:45	15	167	0	182	53	0	10	63	1	30	14	45	0	4	4	8	298				
07:00	17	158	0	175	50	1	1	52	0	19	9	28	0	4	7	11	266				
07:15	9	167	0	176	50	0	1	51	1	23	9	33	0	5	6	11	271				
Total Volume	58	651	0	709	223	1	12	236	2	89	40	131	0	15	21	36	1112				
% App. Total	8.2	91.8	0		94.5	0.4	5.1		1.5	67.9	30.5		0	41.7	58.3						
PHF	.853	.975	.000	.974	.796	.250	.300	.843	.500	.742	.714	.728	.000	.750	.750	.818	.933				

Peak Hour Analysis From 12:00 to 21:30 - Peak 1 of 1																		
Peak Hour for Entire Intersection Begins at 16:30																		
16:30	15	64	1	80	18	2	9	29	7	321	71	399	0	6	2	8	516	
16:45	15	66	2	83	22	1	14	37	3	260	72	335	1	4	4	9	464	
17:00	23	65	0	88	27	3	7	37	3	444	110	557	0	0	1	1	683	
17:15	24	57	0	81	22	4	12	38	2	229	57	288	0	3	4	7	414	
Total Volume	77	252	3	332	89	10	42	141	15	1254	310	1579	1	13	11	25	2077	
% App. Total	23.2	75.9	0.9		63.1	7.1	29.8		0.9	79.4	19.6		4	52	44			
PHF	.802	.955	.375	.943	.824	.625	.750	.928	.536	.706	.705	.709	.250	.542	.688	.694	.760	

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

Study Name : TMC0918
Study Date : 06/29/09
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 9

Number of Lanes: 2
Approach Speed: 55
Total Approach Volume: 8,418

Southbound: CSAH 9

Number of Lanes: 2
Approach Speed: 55
Total Approach Volume: 4,794

Minor Street Approaches

Eastbound: 161st Ave.

Number of Lanes: 1

Total Approach Volume: 310

Westbound: CSAH 20

Number of Lanes: 2

Total Approach Volume: 2,069

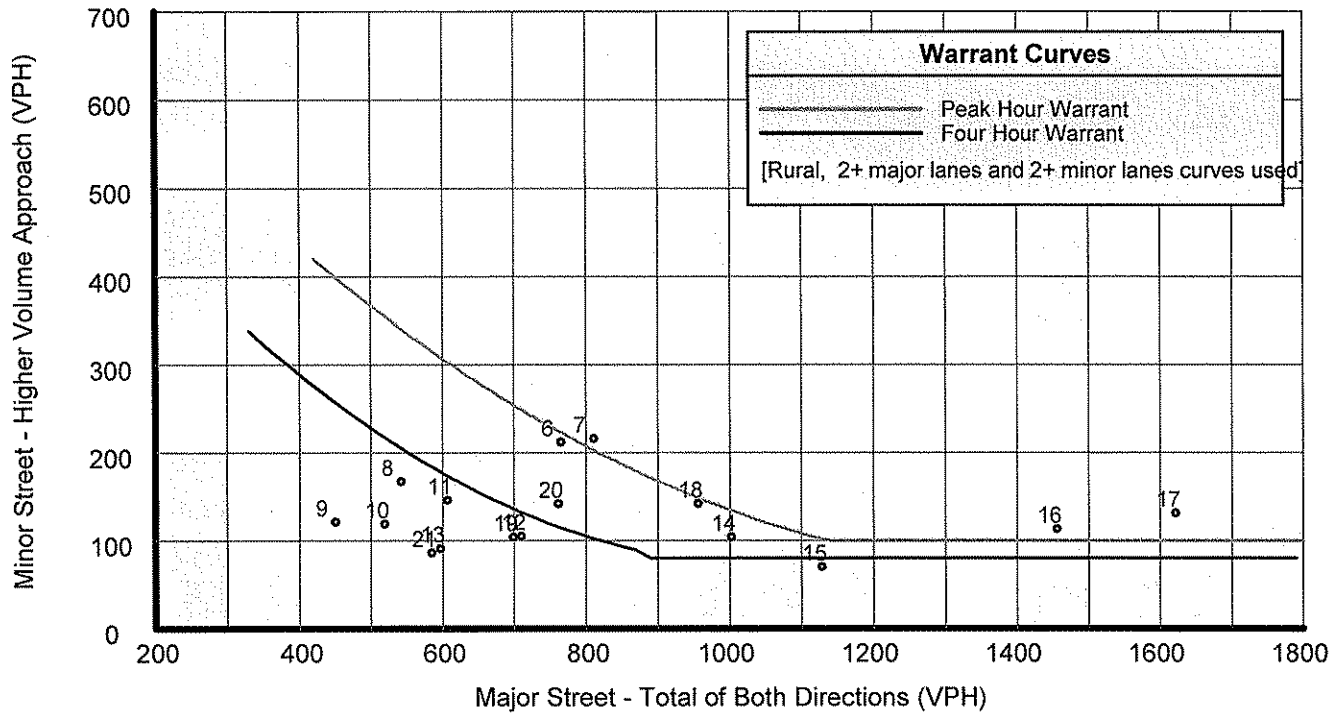
Warrant Summary (Rural values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Satisfied
Warrant 1A - Minimum Vehicular Volume	Satisfied
Required volumes reached for 11 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic	Satisfied
Required volumes reached for 10 hours, 8 are needed	
Warrant 1 A&B - Combination of Warrants	Satisfied
Required volumes reached for 14 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Satisfied
Number of hours (7) volumes exceed minimum >= minimum required (4).	
Warrant 3 - Peak Hour	Satisfied
Warrant 3A - Peak Hour Delay	Satisfied
Number of hours (10) 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 : TMC0918
Study Date : 06/29/09
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 EB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
01:00	0	0 EB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
02:00	0	0 EB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
03:00	0	0 EB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
04:00	0	0 EB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
05:00	0	0 EB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
06:00	766	212 WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
07:00	811	216 WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
08:00	542	167 WB	420-Yes	105-Yes	Both	630-No	52-Yes	Minor	504-Yes	84-Yes	Both
09:00	450	121 WB	420-Yes	105-Yes	Both	630-No	52-Yes	Minor	504-No	84-Yes	Minor
10:00	519	119 WB	420-Yes	105-Yes	Both	630-No	52-Yes	Minor	504-Yes	84-Yes	Both
11:00	607	146 WB	420-Yes	105-Yes	Both	630-No	52-Yes	Minor	504-Yes	84-Yes	Both
12:00	710	105 WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
13:00	597	91 WB	420-Yes	105-No	Major	630-No	52-Yes	Minor	504-Yes	84-Yes	Both
14:00	1,002	104 WB	420-Yes	105-No	Major	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
15:00	1,128	70 WB	420-Yes	105-No	Major	630-Yes	52-Yes	Both	504-Yes	84-No	Major
16:00	1,456	113 WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
17:00	1,622	131 WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
18:00	956	142 WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
19:00	699	104 WB	420-Yes	105-No	Major	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
20:00	762	142 WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
21:00	585	86 WB	420-Yes	105-No	Major	630-No	52-Yes	Minor	504-Yes	84-Yes	Both
22:00	0	0 EB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
23:00	0	0 EB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---

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

Study Name : TMC0918
Study Date : 06/29/09
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Northbound: CSAH 9

Total Approach Volume: 8,418
Approach Speed: 55

Southbound: CSAH 9

Total Approach Volume: 4,794
Approach Speed: 55

Minor Street Approaches

Eastbound: 161st Ave.

Total Approach Volume: 310

Westbound: CSAH 20

Total Approach Volume: 2,069

Warrant Summary

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

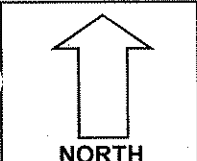
Criteria B - Crash Experience Not Evaluated

Criteria C - Minimum Volumes and Delays Satisfied
Delay data not evaluated
Required volumes reached for 10 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	539	168	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
06:45 - 07:45	845	266	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:45 - 08:45	626	184	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:45 - 09:45	458	171	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
10:15 - 11:15	546	150	210-Yes	140-Yes	Both	240-Yes	160-No	Major
11:15 - 12:15	623	146	210-Yes	140-Yes	Both	240-Yes	160-No	Major
16:15 - 17:15	1,834	160	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:15 - 18:15	1,216	161	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:15 - 19:15	959	152	210-Yes	140-Yes	Both	240-Yes	160-No	Major
20:00 - 21:00	762	155	210-Yes	140-Yes	Both	240-Yes	160-No	Major
05:30 - 06:30	338	92	210-Yes	140-No	Major	240-Yes	160-No	Major
09:45 - 10:45	467	133	210-Yes	140-No	Major	240-Yes	160-No	Major
10:00 - 11:00	519	135	210-Yes	140-No	Major	240-Yes	160-No	Major
12:15 - 13:15	676	117	210-Yes	140-No	Major	240-Yes	160-No	Major
12:30 - 13:30	695	105	210-Yes	140-No	Major	240-Yes	160-No	Major
12:45 - 13:45	713	102	210-Yes	140-No	Major	240-Yes	160-No	Major
13:00 - 14:00	597	101	210-Yes	140-No	Major	240-Yes	160-No	Major
13:15 - 14:15	587	93	210-Yes	140-No	Major	240-Yes	160-No	Major
13:30 - 14:30	640	87	210-Yes	140-No	Major	240-Yes	160-No	Major
13:45 - 14:45	738	114	210-Yes	140-No	Major	240-Yes	160-No	Major
14:00 - 15:00	1,002	119	210-Yes	140-No	Major	240-Yes	160-No	Major
14:15 - 15:15	1,119	127	210-Yes	140-No	Major	240-Yes	160-No	Major
14:30 - 15:30	1,112	130	210-Yes	140-No	Major	240-Yes	160-No	Major
14:45 - 15:45	1,165	103	210-Yes	140-No	Major	240-Yes	160-No	Major



COUNT LOCATION:

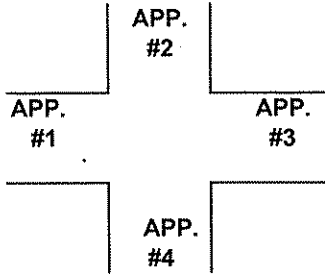
CSAH 9 (Round Lk. Blvd.)

DATE:

6/24/2009

@ CSAH 20 (161st Ave.)

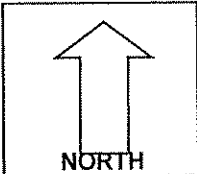
APP. #1 = 161st Ave.
APP. #2 = CSAH 9
APP. #3 = CSAH 20
APP. #4 = CSAH 9



- 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						7		
6:15-6:30						7		
6:30-6:45						9		
6:45-7:00						13		
HOURLY TOTAL						HOURLY TOTAL		36
7:00-7:15						6		1
7:15-7:30						5		1
7:30-7:45						17		1
7:45-8:00						3		1
HOURLY TOTAL						HOURLY TOTAL		35
8:00-8:15						6		
8:15-8:30						10		
8:30-8:45						4		1
8:45-9:00						6		1
HOURLY TOTAL						HOURLY TOTAL		28
9:00-9:15						13		
9:15-9:30						4		
9:30-9:45						6		
9:45-10:00						8		
HOURLY TOTAL						HOURLY TOTAL		31
10:00-10:15						4		
10:15-10:30		2			2	6		
10:30-10:45						7		
10:45-11:00						7		
HOURLY TOTAL					2	HOURLY TOTAL		24
11:00-11:15						7		
11:15-11:30						9	1	3
11:30-11:45						9		1
11:45-12:00						5		
HOURLY TOTAL						HOURLY TOTAL		35
12:00-12:15						8		1
12:15-12:30						8		
12:30-12:45						5		
12:45-1:00						4		
HOURLY TOTAL						HOURLY TOTAL		26
1:00-1:15						4		3
1:15-1:30						7		
1:30-1:45						5		
1:45-2:00						3		1
HOURLY TOTAL						HOURLY TOTAL		23
TOTAL					2	TOTAL		238

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COUNT LOCATION:

CSAH 9 (Round Lk. Blvd.)

DATE:

6/23/2009

@ CSAH 20 (161st Ave.)

APP. #1 = 161st Ave.

APP. #2 = CSAH 9

APP. #3 = CSAH 20

APP. #4 = CSAH 9

APP.
#2

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
2:00-2:15PM						8		
2:15-2:30						3		
2:30-2:45						5		
2:45-3:00						10		1
HOURLY TOTAL						HOURLY TOTAL		27
3:00-3:15						4		1
3:15-3:30						7		1
3:30-3:45						4		
3:45-4:00						4		
HOURLY TOTAL						HOURLY TOTAL		21
4:00-4:15		1				2		
4:15-4:30						3		
4:30-4:45						7	1	
4:45-5:00						3		
HOURLY TOTAL					1	HOURLY TOTAL		16
5:00-5:15						1		
5:15-5:30						2		
5:30-5:45		1				2		
5:45-6:00						2		
HOURLY TOTAL					1	HOURLY TOTAL		7
6:00-6:15						2		
6:15-6:30						3		
6:30-6:45								
6:45-7:00						1		
HOURLY TOTAL						HOURLY TOTAL		6
7:00-7:15		1				5		
7:15-7:30	1							
7:30-7:45						1		
7:45-8:00		1						
HOURLY TOTAL					3	HOURLY TOTAL		6
8:00-8:15								
8:15-8:30						2		
8:30-8:45								
8:45-9:00						3		
HOURLY TOTAL						HOURLY TOTAL		5
9:00-9:15						1		
9:15-9:30								
9:30-9:45								
9:45-10:00								
HOURLY TOTAL						HOURLY TOTAL		1
					TOTAL		TOTAL	327
					7			

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