

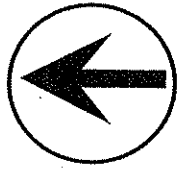
Date : 06/30/09

Count Number : TMC0919

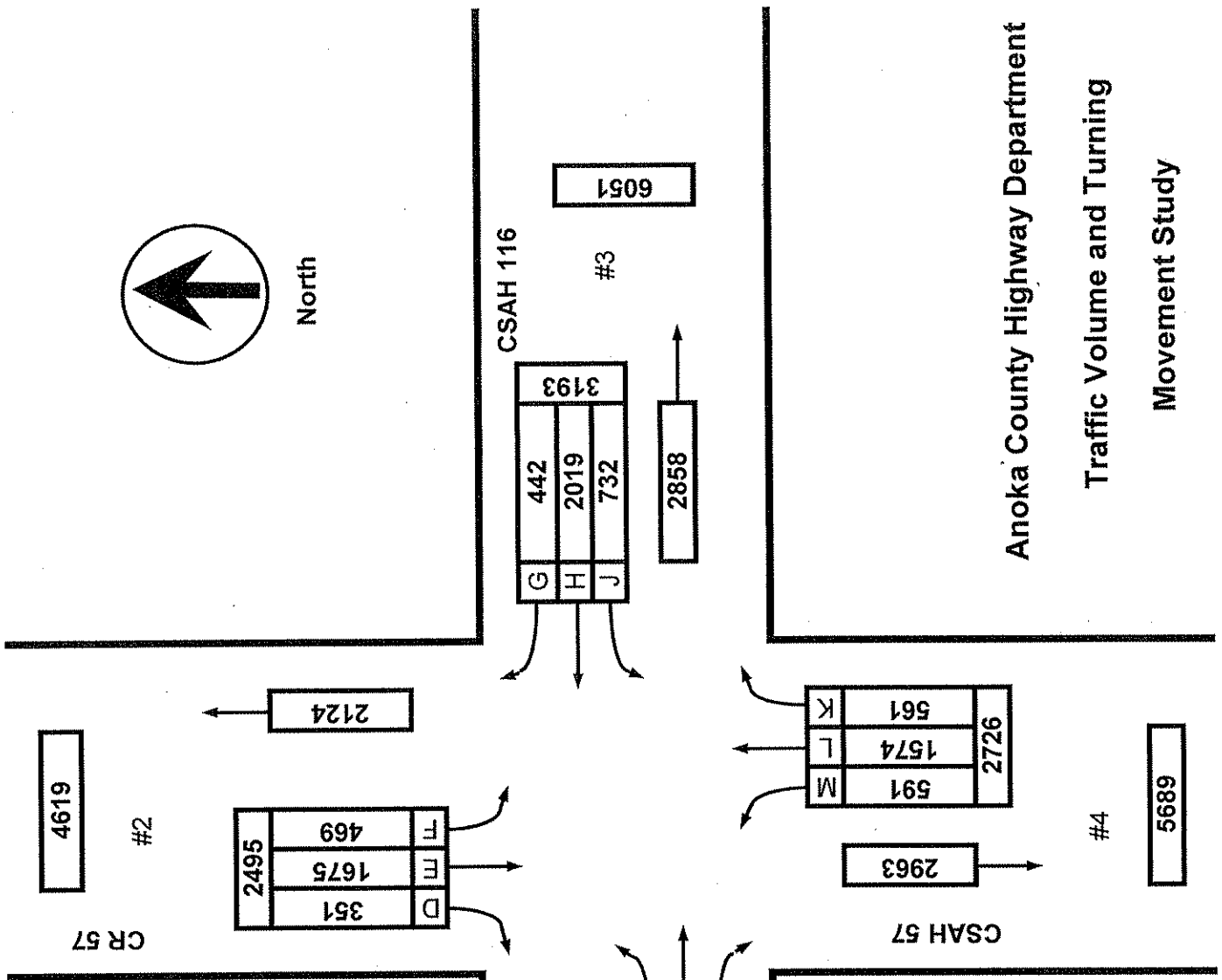
Location : CSAH 116 (Bunker Lk. Blvd.)

@ CSAH 57 (Sunfish Lk. Blvd.)

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



North



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

Anoka County Highway Department
Traffic Volume and Turning
Movement Study

Date : 06/30/09

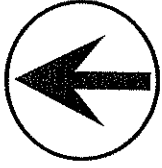
Count Number : TMC0919

Location : CSAH 116 (Bunker Lk. Blvd.)

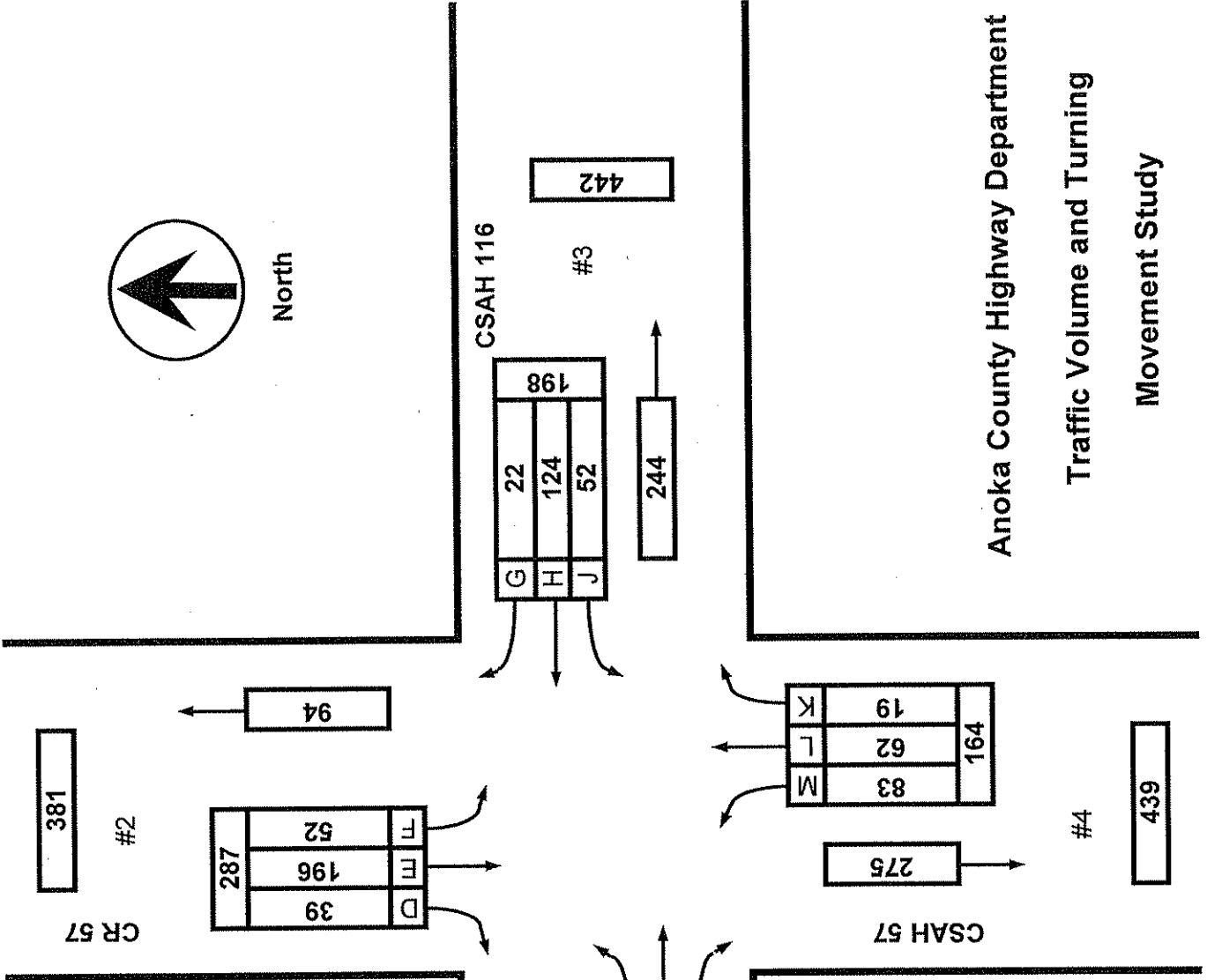
@ CSAH 57 (Sunfish Lk. Blvd.)

Collection Period : AM PEAK

Hour : 6:30 - 7:30AM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 06/30/09

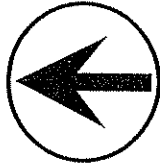
Count Number : TMC0919

Location : CSAH 116 (Bunker Lk. Blvd.)

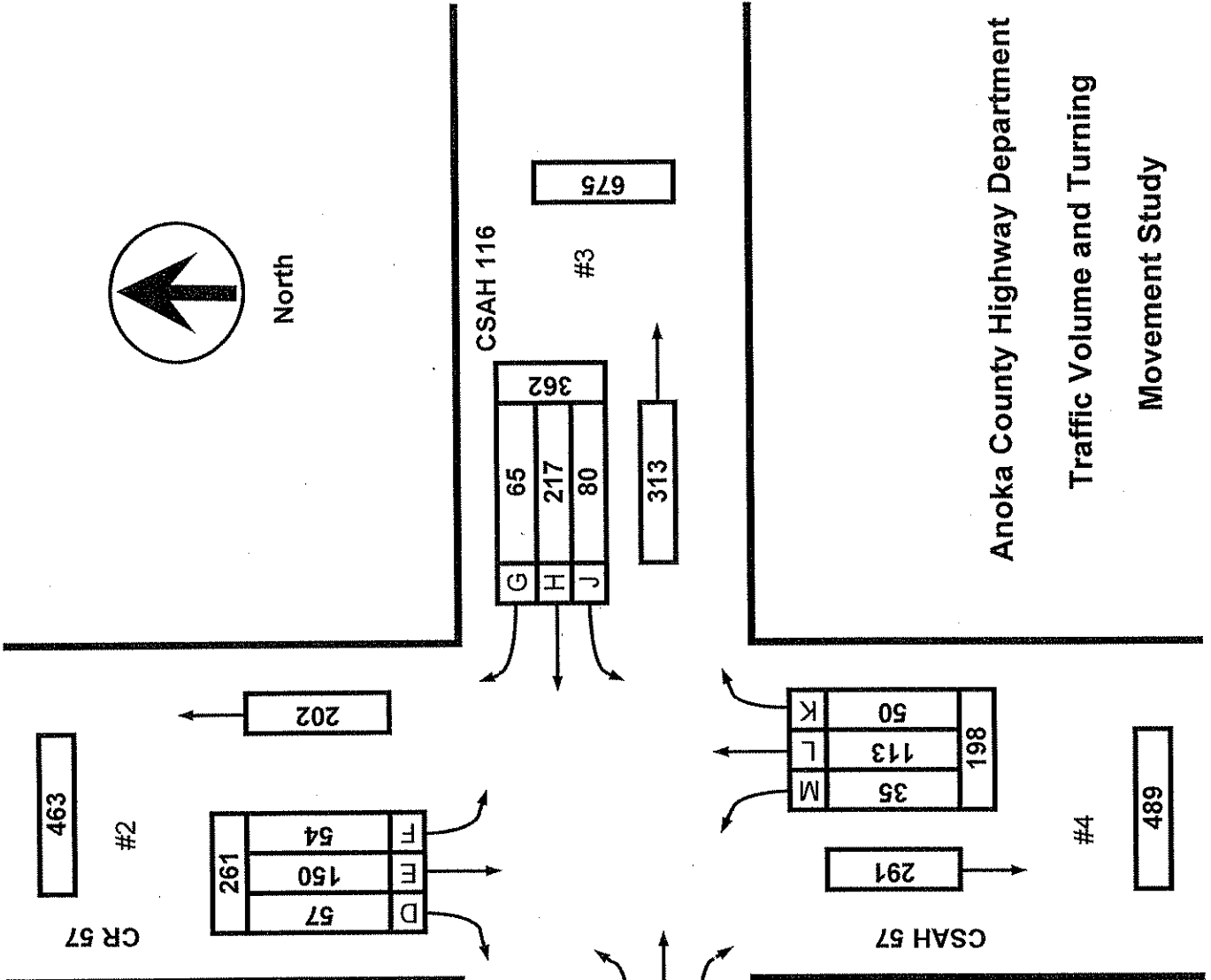
@ CSAH 57 (Sunfish Lk. Blvd.)

Collection Period : PM PEAK

Hour : 4:00 - 5:00PM



North



Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

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

Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC0919

Site Code : 09190202

Start Date : 6/30/2009

Page No : 1

Weather: Cloudy/Chilly

Counter: DB-400

Counted by: Jake/Laura

Groups Printed- Unshifted - Bank 1

Start Time	CR 57 Southbound					CSAH 116 Westbound					CSAH 57 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			
06:00	10	44	7	0	61	9	14	1	2	24	12	3	7	0	22	2	20	25	2	47	4	154	158
06:15	8	45	11	1	64	11	21	3	1	35	8	9	2	1	19	2	37	9	3	48	6	166	172
06:30	8	55	11	3	74	13	28	3	1	44	19	15	5	2	39	6	60	10	14	76	20	233	253
06:45	15	45	19	2	79	12	44	6	0	62	40	18	5	1	63	3	45	6	4	54	7	258	265
Total	41	189	48	6	278	45	107	13	4	165	79	45	19	4	143	13	162	50	23	225	37	811	848
07:00	14	53	6	2	73	14	22	8	0	44	9	13	2	1	24	0	32	4	8	36	11	177	188
07:15	15	43	3	0	61	13	30	5	1	48	15	16	7	3	38	1	36	7	5	44	9	191	200
07:30	12	54	4	0	70	20	37	5	3	62	7	13	9	1	29	0	45	8	5	53	9	214	223
07:45	21	36	13	2	70	17	38	3	3	58	8	14	3	0	25	0	38	5	12	43	17	196	213
Total	62	186	26	4	274	64	127	21	7	212	39	56	21	5	116	1	151	24	30	176	46	778	824
08:00	7	33	6	3	46	21	35	3	4	59	9	16	4	4	29	0	10	7	5	17	16	151	167
08:15	11	33	3	7	47	15	26	3	6	44	7	9	4	4	20	0	17	8	4	25	21	136	157
08:30	7	33	4	5	44	6	23	3	8	32	8	5	4	2	17	0	12	4	6	16	21	109	130
08:45	8	32	1	2	41	19	28	4	9	51	9	5	7	2	21	0	16	5	5	21	18	134	152
Total	33	131	14	17	178	61	112	13	27	186	33	35	19	12	87	0	55	24	20	79	76	530	606
09:00	3	21	2	1	26	10	28	2	7	40	16	25	10	7	51	0	30	6	9	36	24	153	177
09:15	6	23	5	2	34	8	29	1	3	38	7	20	7	5	34	0	32	8	7	40	17	146	163
09:30	5	18	3	2	26	12	32	3	9	47	8	6	4	6	18	0	6	5	4	11	21	102	123
09:45	3	27	3	2	33	15	28	2	6	45	4	10	4	1	18	1	20	14	6	35	15	131	146
Total	17	89	13	7	119	45	117	8	25	170	35	61	25	19	121	1	88	33	26	122	77	532	609
10:00	1	16	1	2	18	6	31	2	6	39	1	4	2	1	7	0	23	2	4	25	13	89	102
10:15	3	16	0	2	19	8	18	7	5	33	4	6	3	2	13	2	13	4	4	19	13	84	97
10:30	5	14	3	6	22	13	21	3	7	37	0	5	3	1	8	0	21	3	8	24	22	91	113
10:45	3	16	1	1	20	12	16	4	4	32	3	15	5	1	23	0	19	16	15	35	21	110	131
Total	12	62	5	11	79	39	86	16	22	141	8	30	13	5	51	2	76	25	31	103	69	374	443
11:00	7	18	2	4	27	10	26	5	5	41	8	23	8	4	39	0	22	8	8	30	21	137	158
11:15	10	31	6	0	47	11	32	5	7	48	11	29	9	3	49	0	24	12	4	36	14	180	194
11:30	3	15	1	1	19	9	34	8	7	51	19	44	13	11	76	1	55	16	7	72	26	218	244
11:45	2	23	7	5	32	8	62	7	6	77	16	35	19	8	70	1	43	12	9	56	28	235	263
Total	22	87	16	10	125	38	154	25	25	217	54	131	49	26	234	2	144	48	28	194	89	770	859
12:00	5	17	8	3	30	12	20	5	3	37	6	10	3	1	19	3	28	6	4	37	11	123	134
12:15	6	15	5	4	26	6	19	6	2	31	10	8	9	2	27	0	18	5	8	23	16	107	123
12:30	11	22	2	3	35	12	21	7	3	40	11	25	11	1	47	0	15	6	2	21	9	143	152
12:45	4	14	3	3	21	9	45	8	4	62	8	35	12	3	55	2	34	5	5	41	15	179	194
Total	26	68	18	13	112	39	105	26	12	170	35	78	35	7	148	5	95	22	19	122	51	552	603
13:00	7	23	7	5	37	10	27	8	2	45	16	41	23	2	80	0	47	13	8	60	17	222	239
13:15	7	19	4	0	30	11	33	3	9	47	20	38	15	2	73	1	31	7	8	39	19	189	208
13:30	9	22	6	2	37	5	39	13	7	57	31	32	13	5	76	0	43	9	6	52	20	222	242
13:45	4	16	10	2	30	7	33	4	4	44	17	17	11	1	45	3	30	11	6	44	13	163	176
Total	27	80	27	9	134	33	132	28	22	193	84	128	62	10	274	4	151	40	28	195	69	796	865
14:00	4	25	6	1	35	9	40	3	4	52	14	34	14	2	62	3	33	35	0	71	7	220	227
14:15	14	24	8	1	46	18	31	9	4	58	7	41	12	3	60	1	29	16	4	46	12	210	222
14:30	7	30	3	3	40	15	27	7	4	49	27	43	32	3	102	0	22	12	1	34	11	225	236
14:45	7	25	5	0	37	20	32	10	4	62	13	30	10	4	53	2	31	16	4	49	12	201	213
Total	32	104	22	5	158	62	130	29	16	221	61	148	68	12	277	6	115	79	9	200	42	856	898
15:00	8	29	6	4	43	14	58	10	5	82	19	51	20	2	90	0	15	9	1	24	12	239	251
15:15	7	24	3	1	34	13	45	5	3	63	9	44	11	4	64	0	19	9	2	28	10	189	199
15:30	9	61	12	3	82	20	48	8	4	76	8	61	18	3	87	0	85	20	3	105	13	350	363
15:45	6	34	4	1	44	3	49	3	2	55	9	32	21	4	62	5	18	10	4	33	11	194	205
Total	30	148	25	9	203	50	200	26	14	276	45	188	70	13	303	5	137	48	10	190	46	972	1018
16:00	9	26	10	1	45	15	57	12	5	84	19	48	26	5	93	5	52	18	7	75	18	297	315
16:15	11	27	8	1	46	26	44	19	1	89	10	51	20	2	81	1	24	10	2	35	6	251	257
16:30	24	57	22	2	103	21	63	19	3	103	6	14	4	2	24	15	83	21	2	119	9	349	358
16:45	10	40	17	2	67	18	53	15	2	86	0	0	0	0	0	3	50	12	3	65	7	218	225
Total	54	150	57	6	261	80	217	65	11	362	35	113	50	9	198	24	209	61	14	294	40	1115	1155
17:00	10	53	20	3	83	13	61	16	1	90	0	0	0	0	0	9	80	18	3	107	7	280	287
17:15	10	49	18	3	77	19	57	28	3	104	1	3	0	0	4	4	42	9	2	55	8	240	248
17:30	12	39	14	1	65	20	45	17	0	82	0	4	0	0	4	11	82	9	4	102	5	253	258
17:45	5	26	4	0	35	11	48	10	2	69	8	24	2	0	34	4	36	10	2	50	4	188	192
Total	37	167	56	7	260	63	211	71	6	345	9	31	2	0	42	28	240	46	11	314	24	961	985
18:00	11	19	2	1	32	17	55	14	1	86	9	47	17	0	73	1	8	11	0	20	2	211	213
18:15	7	22	2	0	31	15	31	7	1	53	4	20	5	0	29	2	13	3	0	18	1	131	132
18:30	4	19	1	0	24	10	28	11	0	49	6	43	14	2	63	0	21	2	1	23	3	159	162
18:45	1	25	2	3	28	4	29	10	1	43	8	57	10	0	75	4	18	5	3	27	7	173	180
Total	23	85	7	4	115	46	143	42	3	231	27	167	46	2	240	7	60	21	4	88	13	674	687

Anoka County Highway Department

Traffic Engineering Section Traffic Volume and Turning Movement Study

File Name : TMC0919
Site Code : 09190202
Start Date : 6/30/2009
Page No : 2

Weather: Cloudy/Chilly
Counter: DB-400
Counted by: Jake/Laura

Groups Printed- Unshifted - Bank 1

Start Time	CR 57 Southbound					CSAH 116 Westbound					CSAH 57 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	5	5	0	0	10	12	20	7	0	39	2	48	12	0	62	0	14	4	1	18	1	129	130
19:15	8	17	1	0	26	8	18	6	1	32	1	45	8	0	54	2	16	3	0	21	1	133	134
19:30	3	10	4	0	17	1	18	6	0	25	4	65	8	0	77	2	14	3	0	19	0	138	138
19:45	11	14	2	0	27	7	20	8	0	35	14	37	10	0	61	0	9	3	0	12	0	135	135
Total	27	46	7	0	80	28	76	27	1	131	21	195	38	0	254	4	53	13	1	70	2	535	537
20:00	6	11	3	0	20	5	15	9	0	29	2	43	7	0	52	2	21	3	0	26	0	127	127
20:15	2	26	1	0	29	5	17	7	0	29	4	26	4	0	34	1	12	4	0	17	0	109	109
20:30	3	9	1	0	13	5	14	6	1	25	3	9	7	0	19	1	22	2	0	25	1	82	83
20:45	2	17	1	0	20	3	11	2	1	16	4	20	3	0	27	0	11	3	0	14	1	77	78
Total	13	63	6	0	82	18	57	24	2	99	13	98	21	0	132	4	66	12	0	82	2	395	397
21:00	8	7	0	0	15	9	24	6	0	39	1	23	7	0	31	0	10	5	0	15	0	100	100
21:15	2	2	1	0	5	4	12	0	0	16	8	24	6	0	38	0	6	2	0	8	0	67	67
21:30	0	6	3	0	9	5	5	1	0	11	3	14	7	0	24	0	8	2	0	10	0	54	54
21:45	3	5	0	0	8	3	4	1	0	8	1	9	3	0	13	2	2	1	0	5	0	34	34
Total	13	20	4	0	37	21	45	8	0	74	13	70	23	0	106	2	26	10	0	38	0	255	255
Grand Total	469	1675	351	108	2495	732	2019	442	197	3193	591	1574	561	124	2726	108	1828	556	254	2492	683	10906	11589
Approch %	18.8	67.1	14.1			22.9	63.2	13.8			21.7	57.7	20.6			4.3	73.4	22.3					
Total %	4.3	15.4	3.2		22.9	6.7	18.5	4.1		29.3	5.4	14.4	5.1		25	1	16.8	5.1		22.8	5.9	94.1	
Unshifted	469	1675	351		2603	732	2019	442		3390	591	1574	561		2850	108	1828	556		2746	0	0	11589
% 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
% Bank 1	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0

Start Time	CR 57 Southbound				CSAH 116 Westbound				CSAH 57 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 06:30																	
06:30	8	55	11	74	13	28	3	44	19	15	5	39	6	60	10	76	233
06:45	15	45	19	79	12	44	6	62	40	18	5	63	3	45	6	54	258
07:00	14	53	6	73	14	22	8	44	9	13	2	24	0	32	4	36	177
07:15	15	43	3	61	13	30	5	48	15	16	7	38	1	36	7	44	191
Total Volume	52	196	39	287	52	124	22	198	83	62	19	164	10	173	27	210	859
% App. Total	18.1	68.3	13.6		26.3	62.6	11.1		50.6	37.8	11.6		4.8	82.4	12.9		
PHF	.867	.891	.513	.908	.929	.705	.688	.798	.519	.861	.679	.651	.417	.721	.675	.691	.832
Peak Hour Analysis From 12:00 to 21:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:00																	
16:00	9	26	10	45	15	57	12	84	19	48	26	93	5	52	18	75	297
16:15	11	27	8	46	26	44	19	89	10	51	20	81	1	24	10	35	251
16:30	24	57	22	103	21	63	19	103	6	14	4	24	15	83	21	119	349
16:45	10	40	17	67	18	53	15	86	0	0	0	0	3	50	12	65	218
Total Volume	54	150	57	261	80	217	65	362	35	113	50	198	24	209	61	294	1115
% App. Total	20.7	57.5	21.8		22.1	59.9	18		17.7	57.1	25.3		8.2	71.1	20.7		
PHF	.563	.658	.648	.633	.769	.861	.855	.879	.461	.554	.481	.532	.400	.630	.726	.618	.799

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

Study Name : TMC0919
Study Date : 07/06/09
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 116
Number of Lanes: 2
Approach Speed: 50
Total Approach Volume: 2,492

Westbound: CSAH 116
Number of Lanes: 2
Approach Speed: 50
Total Approach Volume: 3,193

Minor Street Approaches

Northbound: CSAH 57
Number of Lanes: 2

Total Approach Volume: 2,726

Southbound: CR 57
Number of Lanes: 2

Total Approach Volume: 2,495

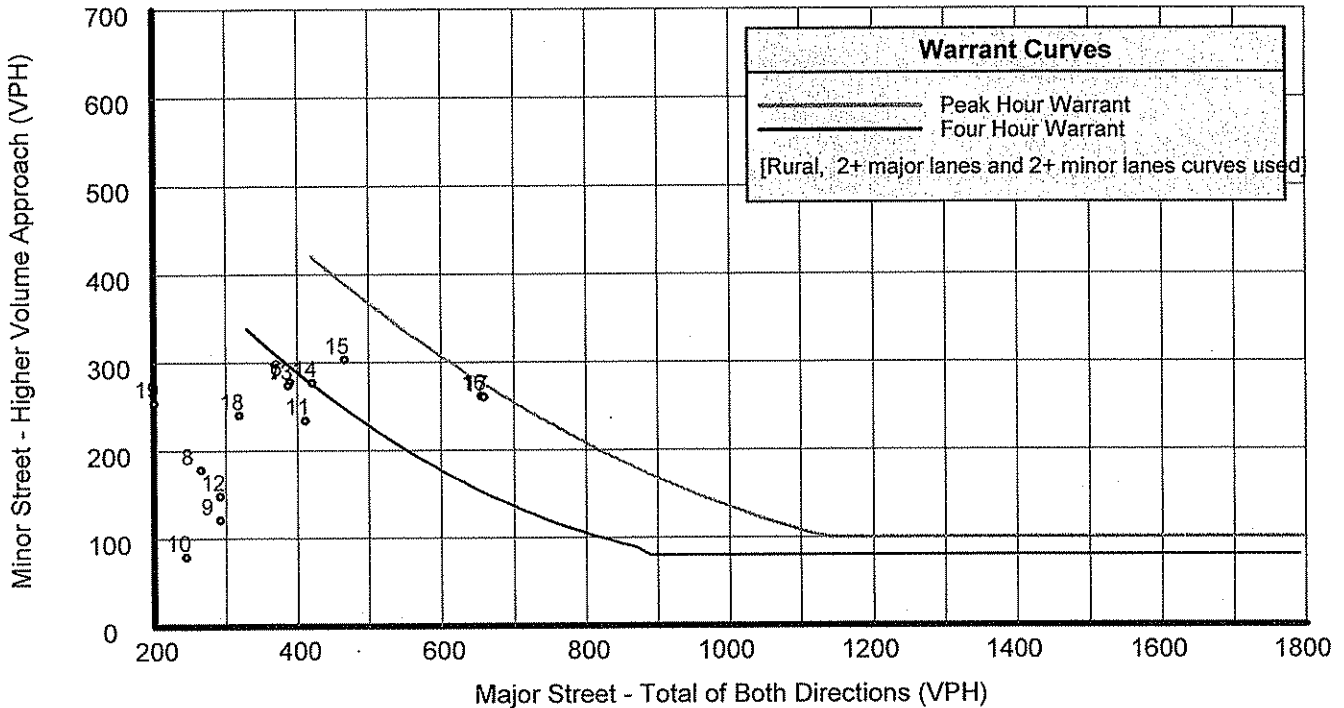
Warrant Summary (Rural values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Not Satisfied
<p>Warrant 1A - Minimum Vehicular Volume Not Satisfied Required volumes reached for 4 hours, 8 are needed</p> <p>Warrant 1B - Interruption of Continuous Traffic Not Satisfied Required volumes reached for 2 hours, 8 are needed</p> <p>Warrant 1 A&B - Combination of Warrants Not Satisfied Required volumes reached for 2 hours, 8 are needed</p>	
Warrant 2 - Four Hour Volumes	Satisfied
<p>Number of hours (4) volumes exceed minimum >= minimum required (4).</p>	
Warrant 3 - Peak Hour	Satisfied
<p>Warrant 3A - Peak Hour Delay Satisfied Number of hours (14) volumes exceed minimum >= required (1). Delay data not evaluated.</p> <p>Warrant 3B - Peak Hour Volumes Satisfied Volumes exceed minimums for at least one hour.</p>	
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 : TMC0919
Study Date : 07/06/09
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	390	278	SB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
07:00	388	274	SB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
08:00	265	178	SB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
09:00	292	121	NB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
10:00	244	79	SB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
11:00	411	234	NB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
12:00	292	148	NB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
13:00	388	274	NB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
14:00	421	277	NB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-No	112-Yes	Minor
15:00	466	303	NB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-No	112-Yes	Minor
16:00	656	261	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
17:00	659	260	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
18:00	319	240	NB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
19:00	201	254	NB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
20:00	181	132	NB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
21:00	112	106	NB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
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 : TMC0919
Study Date : 07/06/09
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: CSAH 116

Total Approach Volume: 2,492
Approach Speed: 50

Westbound: CSAH 116

Total Approach Volume: 3,193
Approach Speed: 50

Minor Street Approaches

Northbound: CSAH 57

Total Approach Volume: 2,726

Southbound: CR 57

Total Approach Volume: 2,495

Warrant Summary

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

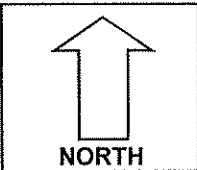
Criteria B - Crash Experience Not Evaluated

Criteria C - Minimum Volumes and Delays Satisfied
Delay data not evaluated
Required volumes reached for 13 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	274	279	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
06:45 - 07:45	403	437	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:45 - 08:45	294	298	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:45 - 09:45	284	251	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
10:15 - 11:15	251	171	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
11:15 - 12:15	414	342	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
12:15 - 13:15	323	328	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
13:15 - 14:15	406	388	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
14:15 - 15:15	404	471	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:15 - 16:15	519	511	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:15 - 17:15	694	404	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:15 - 18:15	568	324	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:15 - 19:15	270	322	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
09:45 - 10:45	257	138	210-Yes	140-No	Major	240-Yes	160-No	Major
10:00 - 11:00	244	130	210-Yes	140-No	Major	240-Yes	160-No	Major
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
02:00 - 03:00	0	0	210-No	140-No	No	240-No	160-No	No



COUNT LOCATION:

CSAH 116 (Bunker Lk. Blvd.)

DATE:

7/1/2009

@ CSAH 57 (Sunfish Lk. Blvd.)

APP. #1 = CSAH 116
APP. #2 = CR 57
APP. #3 = CSAH 116
APP. #4 = CSAH 57

APP. #1	APP. #2	APP. #3	APP. #4
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HEAVY VEHICLE- ANY VEHICLE HAVING MORE THAN FOUR TIRES TOUCHING THE PAVEMENT

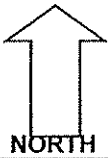
A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.

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						4		1
6:15-6:30						5		
6:30-6:45						20		
6:45-7:00						7		
HOURLY TOTAL						HOURLY TOTAL		37
7:00-7:15						9		1
7:15-7:30						8		1
7:30-7:45						9		
7:45-8:00						17		
HOURLY TOTAL						HOURLY TOTAL		45
8:00-8:15						15		1
8:15-8:30						21		1
8:30-8:45						20		2
8:45-9:00						18		
HOURLY TOTAL						HOURLY TOTAL		78
9:00-9:15						20		
9:15-9:30						18		
9:30-9:45						21		
9:45-10:00						15		
HOURLY TOTAL						HOURLY TOTAL		74
10:00-10:15						14		
10:15-10:30						13		
10:30-10:45						21		
10:45-11:00						19		1
HOURLY TOTAL						HOURLY TOTAL		68
11:00-11:15						21		1
11:15-11:30						16		
11:30-11:45						23		
11:45-12:00						25		1
HOURLY TOTAL						HOURLY TOTAL		87
12:00-12:15						11		
12:15-12:30						15		1
12:30-12:45						10		
12:45-1:00						13		1
HOURLY TOTAL						HOURLY TOTAL		51
1:00-1:15						16		
1:15-1:30						17		
1:30-1:45						20		
1:45-2:00						16		
HOURLY TOTAL						HOURLY TOTAL		69
					TOTAL		TOTAL	509

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COUNT LOCATION:

CSAH 116 (Bunker Lk. Blvd.)

DATE:

6/30/2009

@ CSAH 57 (Sunfish Lk. Blvd.)

APP. #1 = CSAH 116
APP. #2 = CR 57
APP. #3 = CSAH 116
APP. #4 = CSAH 57

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.
- 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						6			
2:15-2:30						12			
2:30-2:45	1	1				11			
2:45-3:00		2				12			
HOURLY TOTAL						4	HOURLY TOTAL	41	
3:00-3:15						11		1	
3:15-3:30						10			
3:30-3:45						12			
3:45-4:00						11			
HOURLY TOTAL							HOURLY TOTAL	45	
4:00-4:15						17			
4:15-4:30						8			
4:30-4:45						8			
4:45-5:00						7			
HOURLY TOTAL							HOURLY TOTAL	40	
5:00-5:15						7			
5:15-5:30						8			
5:30-5:45						5			
5:45-6:00						4			
HOURLY TOTAL							HOURLY TOTAL	24	
6:00-6:15						2			
6:15-6:30						1			
6:30-6:45						2	1		
6:45-7:00						7			
HOURLY TOTAL							HOURLY TOTAL	13	
7:00-7:15						1			
7:15-7:30						1			
7:30-7:45									
7:45-8:00									
HOURLY TOTAL							HOURLY TOTAL	2	
8:00-8:15									
8:15-8:30									
8:30-8:45						1			
8:45-9:00						1			
HOURLY TOTAL							HOURLY TOTAL	2	
9:00-9:15									
9:15-9:30									
9:30-9:45									
9:45-10:00									
HOURLY TOTAL							HOURLY TOTAL		
	TOTAL					4	TOTAL		676

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