

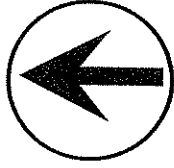
Date : 04/12/11

Count Number : TMC1102

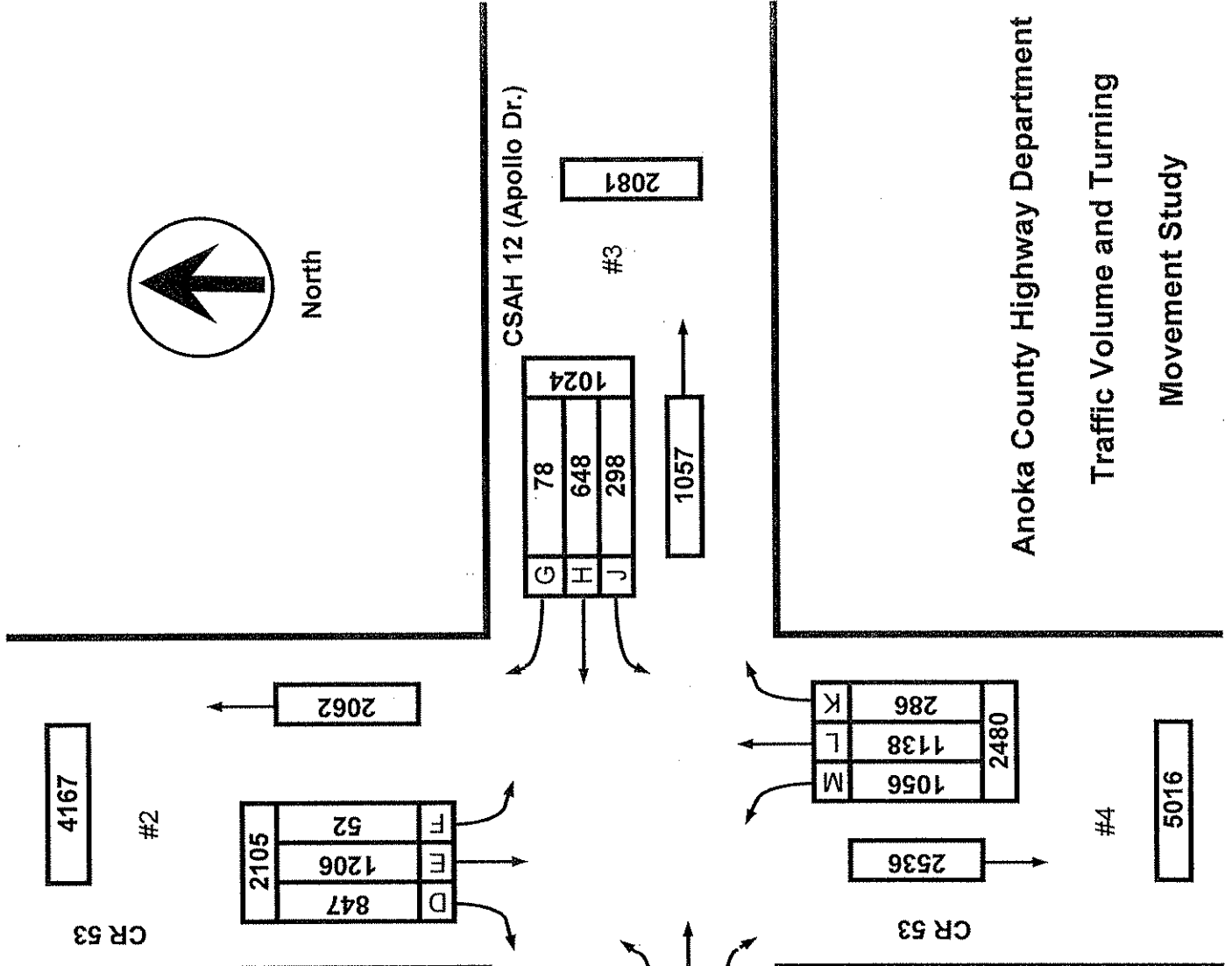
Location : CR 53 (Sunset Ave.) @

CSAH 12 (109th Ave.)/CSAH 12 (Apollo Dr.)

Collection Period : 6:00AM - 8:00PM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 04/12/11

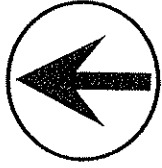
Count Number : TMC1102

Location : CR 53 (Sunset Ave.) @

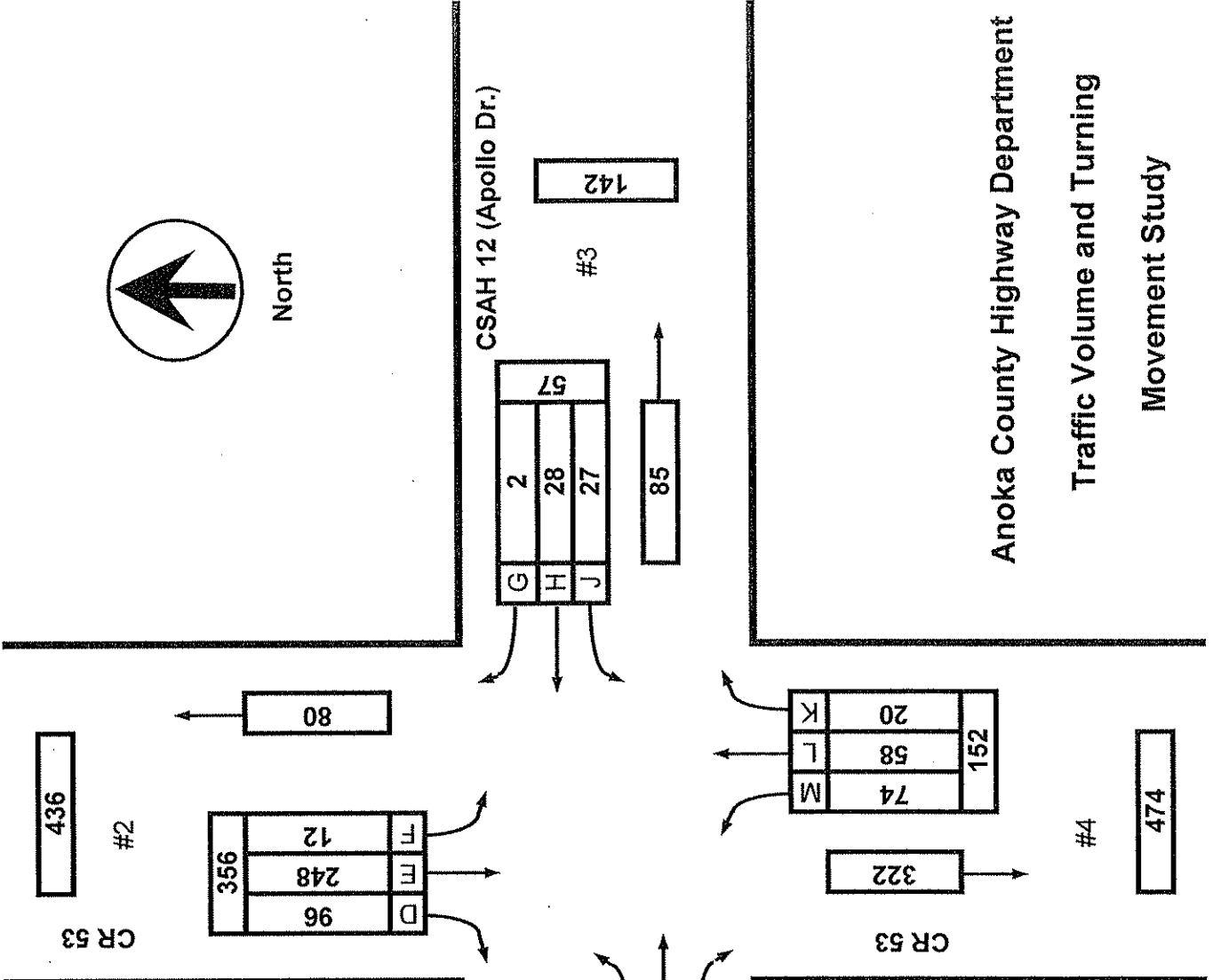
CSAH 12 (109th Ave.)/CSAH 12 (Apollo Dr.)

Collection Period : AM PEAK

Hour : 7:15-8:15 AM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 04/13/11

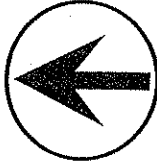
Count Number : TMC1102

Location : CR 53 (Sunset Ave.) @

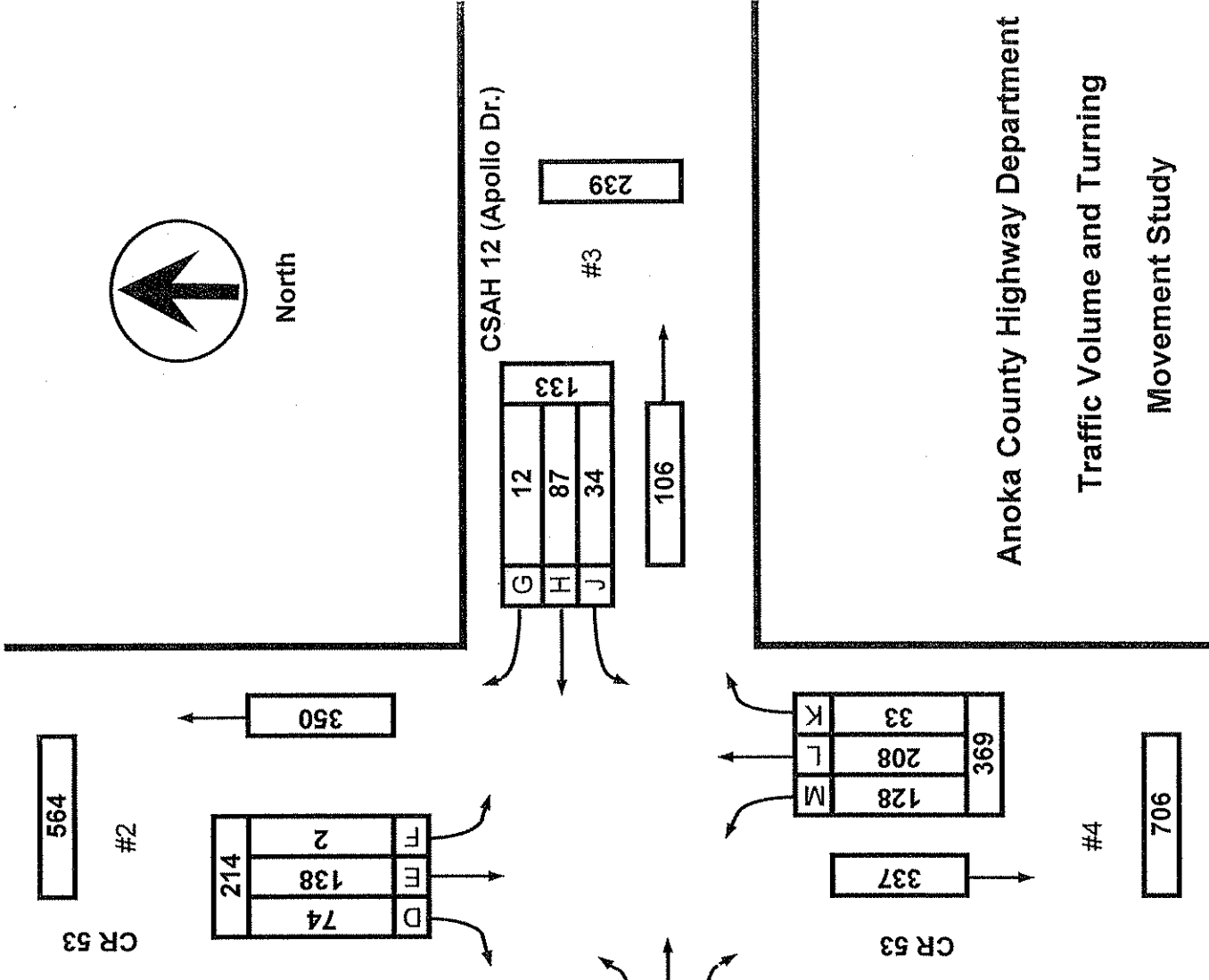
CSAH 12 (109th Ave.)/CSAH 12 (Apollo

Collection Period : PM PEAK

Hour : 4:45-5:45 PM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Cool and Rainy
 Counter: DB-400
 Counted by: Josie/Terri

File Name : TMC1102
 Site Code : 11020204
 Start Date : 04/13/2011
 Page No : 1

Groups Printed- Unshifted

Start Time	CR 53 Southbound					CSAH 12 (Apollo Dr.) Westbound					CR 53 Northbound					CSAH 12 (109th Ave.) 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	1	14	18	0	33	2	7	0	0	9	6	4	1	0	11	2	7	1	0	10	0	63	63
06:15	1	18	14	2	33	2	4	0	0	6	7	7	3	0	17	5	4	2	0	11	2	67	69
06:30	0	34	20	0	54	3	5	0	0	8	15	3	4	0	22	6	11	4	0	21	0	105	105
06:45	3	42	28	4	73	4	11	2	2	17	11	8	9	0	28	2	11	8	1	21	7	139	146
Total	5	108	80	6	193	11	27	2	2	40	39	22	17	0	78	15	33	15	1	63	9	374	383
07:00	1	38	26	2	65	7	5	1	0	13	11	10	0	0	21	6	11	6	0	23	2	122	124
07:15	4	61	29	2	94	3	6	1	0	10	17	19	5	0	41	3	8	16	0	27	2	172	174
07:30	2	59	20	0	81	9	4	1	1	14	20	20	3	2	43	7	11	12	1	30	4	168	172
07:45	6	56	25	4	87	6	11	0	0	17	18	15	9	1	42	4	21	10	1	35	6	181	187
Total	13	214	100	8	327	25	26	3	1	54	66	64	17	3	147	20	51	44	2	115	14	643	657
08:00	0	72	22	7	94	9	7	0	1	16	19	4	3	1	26	6	13	9	1	28	10	164	174
08:15	1	32	19	1	52	6	10	0	1	16	20	19	7	4	46	6	9	5	2	20	8	134	142
08:30	2	23	16	3	41	4	12	1	0	17	15	12	6	1	33	3	5	13	0	21	4	112	116
08:45	2	24	24	8	50	2	9	2	1	13	18	9	2	2	29	5	7	12	0	24	11	116	127
Total	5	151	81	19	237	21	38	3	3	62	72	44	18	8	134	20	34	39	3	93	33	526	559
09:00	0	18	18	4	36	3	7	3	0	13	15	16	7	5	38	4	8	8	2	20	11	107	118
09:15	0	12	19	1	31	4	6	2	2	12	17	6	1	0	24	6	12	10	4	28	7	95	102
09:30	1	4	10	0	15	1	12	1	3	14	11	12	3	1	26	6	15	10	2	31	6	86	92
09:45	1	10	8	1	19	2	8	0	1	10	10	11	2	1	23	2	6	12	1	20	4	72	76
Total	2	44	55	6	101	10	33	6	6	49	53	45	13	7	111	18	41	40	9	99	28	360	388
10:00	2	10	11	1	23	3	5	0	0	8	11	8	3	1	22	11	12	13	1	36	3	89	92
10:15	0	12	9	1	21	8	11	0	0	19	15	7	3	0	25	11	12	7	1	30	2	95	97
10:30	0	11	8	1	19	2	9	2	1	13	13	5	3	0	21	7	6	6	0	19	2	72	74
10:45	0	23	12	2	35	6	13	0	0	19	19	10	0	0	29	11	13	18	0	42	2	125	127
Total	2	56	40	5	98	19	38	2	1	59	58	30	9	1	97	40	43	44	2	127	9	381	390
11:00	1	22	14	0	37	5	6	0	1	11	16	10	3	1	29	12	10	13	2	35	4	112	116
11:15	1	8	10	1	19	11	18	1	1	30	14	16	3	1	33	12	9	16	2	37	5	119	124
11:30	1	8	10	1	19	3	12	0	2	15	15	14	2	0	31	7	9	16	0	32	3	97	100
11:45	0	8	8	0	16	3	16	1	1	20	13	14	8	0	35	9	21	10	1	40	2	111	113
Total	3	46	42	2	91	22	52	2	5	76	58	54	16	2	128	40	49	55	5	144	14	439	453
12:00	1	14	12	0	27	9	18	4	3	31	14	7	7	0	28	10	14	17	0	41	3	127	130
12:15	0	7	12	0	19	5	22	2	2	29	14	7	3	0	24	13	15	15	2	43	4	115	119
12:30	0	9	10	0	19	5	18	1	0	24	15	6	7	3	28	16	14	20	0	50	3	121	124
12:45	3	9	11	2	23	2	15	0	1	17	19	10	12	1	41	17	16	14	1	47	5	128	133
Total	4	39	45	2	88	21	73	7	6	101	62	30	29	4	121	56	59	66	3	181	15	491	506
13:00	0	12	14	1	26	3	11	1	2	15	15	16	5	2	36	10	15	16	0	41	5	118	123
13:15	0	10	7	1	17	3	10	1	0	14	15	13	5	2	33	14	20	10	3	44	6	108	114
13:30	1	9	14	1	24	6	8	2	2	16	14	5	7	0	26	14	10	15	2	39	5	105	110
13:45	1	7	7	1	15	5	11	1	0	17	12	6	2	0	20	10	17	24	1	51	2	103	105
Total	2	38	42	4	82	17	40	5	4	62	56	40	19	4	115	48	62	65	6	175	18	434	452
14:00	0	10	13	0	23	8	4	0	1	12	16	8	8	1	32	8	10	17	0	35	2	102	104
14:15	1	18	17	1	36	3	9	2	0	14	16	19	4	1	39	19	8	18	1	45	3	134	137
14:30	0	19	10	3	29	4	9	2	2	15	14	16	3	2	33	15	19	18	2	52	9	129	138
14:45	0	10	7	5	17	8	7	1	2	16	14	16	1	1	31	16	6	13	0	35	8	99	107
Total	1	57	47	9	105	23	29	5	5	57	60	59	16	5	135	58	43	66	3	167	22	464	486
15:00	0	15	9	2	24	4	8	1	1	13	16	31	5	1	52	15	11	15	3	41	7	130	137
15:15	1	17	15	1	33	10	15	1	5	26	19	45	13	4	77	12	20	14	3	46	13	182	195
15:30	0	26	9	1	35	7	21	1	0	29	14	26	6	0	46	24	18	28	1	70	2	180	182
15:45	1	12	15	0	28	7	15	5	0	27	21	48	6	2	75	21	13	23	0	57	2	187	189
Total	2	70	48	4	120	28	59	8	6	95	70	150	30	7	250	72	62	80	7	214	24	679	703
16:00	0	23	16	3	39	5	13	2	0	20	33	54	6	3	93	19	22	25	1	66	7	218	225
16:15	3	21	12	3	36	4	18	3	2	25	20	36	11	0	67	21	10	34	0	65	5	193	198
16:30	1	22	15	1	38	11	25	4	3	40	29	37	10	0	76	29	11	33	1	73	5	227	232
16:45	2	34	13	0	49	4	30	3	0	37	30	51	8	1	89	29	15	41	0	85	1	260	261
Total	6	100	56	7	162	24	86	12	5	122	112	178	35	4	325	98	58	133	2	289	18	898	916
17:00	0	22	21	0	43	9	35	7	1	51	25	49	7	0	81	32	20	39	2	91	3	266	269
17:15	0	56	14	0	70	12	11	0	0	23	33	61	7	0	101	32	19	46	1	97	1	291	292
17:30	0	26	26	1	52	9	11	2	1	22	40	47	11	0	98	37	17	39	1	93	3	265	268
17:45	1	26	26	0	53	3	20	1	1	24	24	35	6	0	65	39	12	31	0	82	1	224	225
Total	1	130	87	1	218	33	77	10	3	120	122	192	31	0	345	140	68	155	4	363	8	1046	1054



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Cool and Rainy
 Counter: DB-400
 Counted by: Josie/Terri

File Name : TMC1102
 Site Code : 11020204
 Start Date : 04/13/2011
 Page No : 2

Groups Printed- Unshifted

Start Time	CR 53 Southbound					CSAH 12 (Apollo Dr.) Westbound					CR 53 Northbound					CSAH 12 (109th Ave.) 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			
18:00	0	21	24	1	45	4	9	1	0	14	33	33	8	0	74	32	14	36	2	82	3	215	218
18:15	0	36	17	0	53	8	18	3	0	29	33	27	8	0	68	28	20	25	1	74	1	224	225
18:30	1	14	14	0	29	7	6	3	0	16	33	46	5	1	84	31	14	25	2	70	3	199	202
18:45	0	25	16	0	41	8	7	1	0	16	36	24	4	0	64	43	16	27	0	86	0	207	207
Total	1	96	71	1	168	27	40	8	0	75	135	130	25	1	290	134	64	114	5	312	7	845	852
19:00	0	17	9	1	26	5	6	2	0	13	31	31	4	1	66	22	17	41	0	80	2	185	187
19:15	2	11	17	0	30	4	6	2	0	12	24	24	4	0	52	17	17	26	0	60	0	154	154
19:30	3	13	17	0	33	5	9	1	0	15	22	30	2	0	54	22	6	30	0	58	0	160	160
19:45	0	16	10	0	26	3	9	0	0	12	16	15	1	0	32	26	12	19	0	57	0	127	127
Total	5	57	53	1	115	17	30	5	0	52	93	100	11	1	204	87	52	116	0	255	2	626	628
Grand Total	52	1206	847	75	2105	298	648	78	47	1024	1056	1138	286	47	2480	846	719	1032	52	2597	221	8206	8427
Apprch %	2.5	57.3	40.2			29.1	63.3	7.6			42.6	45.9	11.5			32.6	27.7	39.7					
Total %	0.6	14.7	10.3		25.7	3.6	7.9	1		12.5	12.9	13.9	3.5		30.2	10.3	8.8	12.6		31.6	2.6	97.4	

Start Time	CR 53 Southbound				CSAH 12 (Apollo Dr.) Westbound				CR 53 Northbound				CSAH 12 (109th 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 07:15																	
07:15	4	61	29	94	3	6	1	10	17	19	5	41	3	8	16	27	172
07:30	2	59	20	81	9	4	1	14	20	20	3	43	7	11	12	30	168
07:45	6	56	25	87	6	11	0	17	18	15	9	42	4	21	10	35	181
08:00	0	72	22	94	9	7	0	16	19	4	3	26	6	13	9	28	164
Total Volume	12	248	96	356	27	28	2	57	74	58	20	152	20	53	47	120	685
% App. Total	3.4	69.7	27		47.4	49.1	3.5		48.7	38.2	13.2		16.7	44.2	39.2		
PHF	.500	.861	.828	.947	.750	.636	.500	.838	.925	.725	.556	.884	.714	.631	.734	.857	.946

Peak Hour Analysis From 12:00 to 19:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:45																	
16:45	2	34	13	49	4	30	3	37	30	51	8	89	29	15	41	85	260
17:00	0	22	21	43	9	35	7	51	25	49	7	81	32	20	39	91	266
17:15	0	56	14	70	12	11	0	23	33	61	7	101	32	19	46	97	291
17:30	0	26	26	52	9	11	2	22	40	47	11	98	37	17	39	93	265
Total Volume	2	138	74	214	34	87	12	133	128	208	33	369	130	71	165	366	1082
% App. Total	0.9	64.5	34.6		25.6	65.4	9		34.7	56.4	8.9		35.5	19.4	45.1		
PHF	.250	.616	.712	.764	.708	.621	.429	.652	.800	.852	.750	.913	.878	.888	.897	.943	.930

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

Study Name : TMC1102
Study Date : 05/03/11
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Northbound: CR 53
Number of Lanes: 2
Approach Speed: 45
Total Approach Volume: 2,480

Southbound: CR 53
Number of Lanes: 1
Approach Speed: 45
Total Approach Volume: 2,105

Minor Street Approaches

Eastbound: CSAH 12 (109th Ave.)
Number of Lanes: 1

Total Approach Volume: 2,597

Westbound: CSAH 12 (Apollo Dr.)
Number of Lanes: 2

Total Approach Volume: 1,024

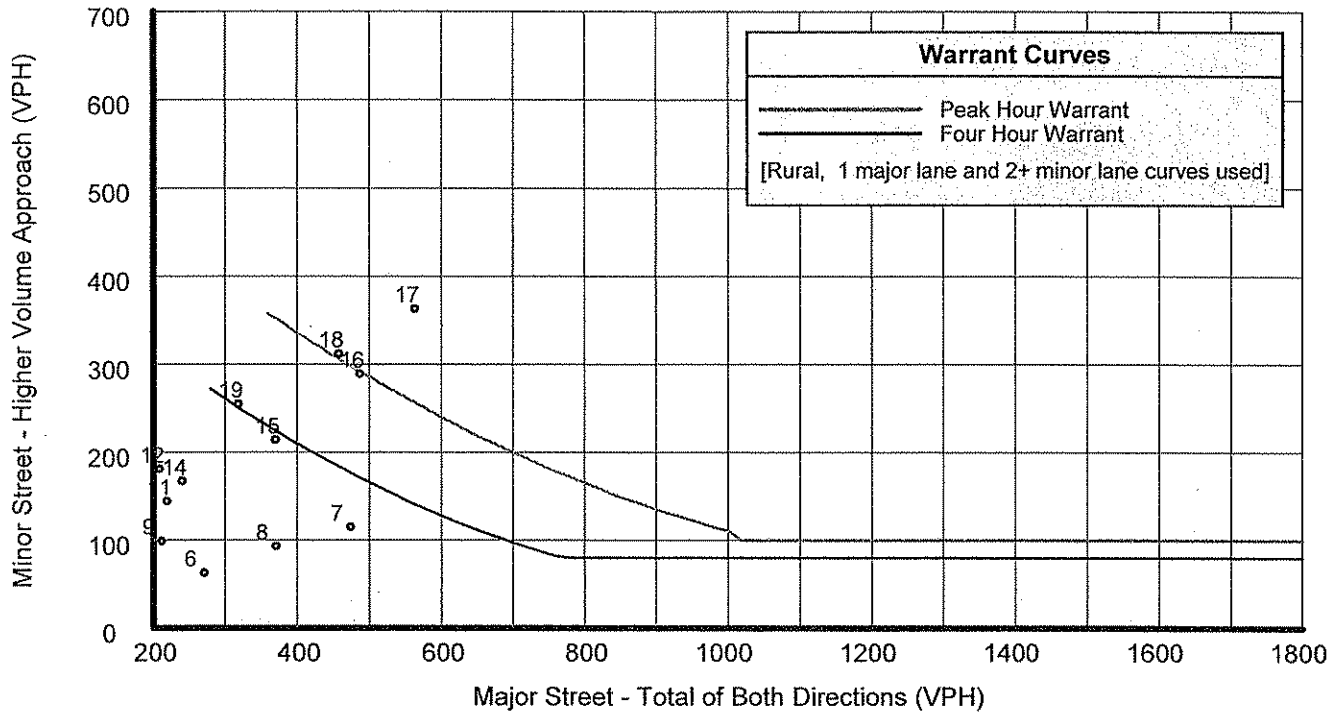
Warrant Summary (Rural values apply.)

- Warrant 1 - Eight Hour Vehicular Volumes** Not Satisfied
- Warrant 1A - Minimum Vehicular Volume** Not Satisfied
 Required volumes reached for 5 hours, 8 are needed
- Warrant 1B - Interruption of Continuous Traffic** Not Satisfied
 Required volumes reached for 1 hours, 8 are needed
- Warrant 1 A&B - Combination of Warrants** Not Satisfied
 Required volumes reached for 4 hours, 8 are needed
- Warrant 2 - Four Hour Volumes** Satisfied
 Number of hours (4) volumes exceed minimum >= minimum required (4).
- Warrant 3 - Peak Hour** Satisfied
- Warrant 3A - Peak Hour Delay** Satisfied
 Number of hours (11) 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 : TMC1102
Study Date : 05/03/11
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	350-No	140-No	---	525-No	70-No	---	420-No	112-No	---
01:00	0	0	EB	350-No	140-No	---	525-No	70-No	---	420-No	112-No	---
02:00	0	0	EB	350-No	140-No	---	525-No	70-No	---	420-No	112-No	---
03:00	0	0	EB	350-No	140-No	---	525-No	70-No	---	420-No	112-No	---
04:00	0	0	EB	350-No	140-No	---	525-No	70-No	---	420-No	112-No	---
05:00	0	0	EB	350-No	140-No	---	525-No	70-No	---	420-No	112-No	---
06:00	271	63	EB	350-No	105-No	---	525-No	52-Yes	Minor	420-No	84-No	---
07:00	474	115	EB	350-Yes	105-Yes	Both	525-No	52-Yes	Minor	420-Yes	84-Yes	Both
08:00	371	93	EB	350-Yes	105-No	Major	525-No	52-Yes	Minor	420-No	84-Yes	Minor
09:00	212	99	EB	350-No	105-No	---	525-No	52-Yes	Minor	420-No	84-Yes	Minor
10:00	195	127	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
11:00	219	144	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
12:00	209	181	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
13:00	197	175	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
14:00	240	167	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
15:00	370	214	EB	350-Yes	105-Yes	Both	525-No	52-Yes	Minor	420-No	84-Yes	Minor
16:00	487	289	EB	350-Yes	105-Yes	Both	525-No	52-Yes	Minor	420-Yes	84-Yes	Both
17:00	563	363	EB	350-Yes	105-Yes	Both	525-Yes	52-Yes	Both	420-Yes	84-Yes	Both
18:00	458	312	EB	350-Yes	105-Yes	Both	525-No	52-Yes	Minor	420-Yes	84-Yes	Both
19:00	319	255	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
20:00	0	0	EB	350-No	140-No	---	525-No	70-No	---	420-No	112-No	---
21:00	0	0	EB	350-No	140-No	---	525-No	70-No	---	420-No	112-No	---
22:00	0	0	EB	350-No	140-No	---	525-No	70-No	---	420-No	112-No	---
23:00	0	0	EB	350-No	140-No	---	525-No	70-No	---	420-No	112-No	---

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

Study Name : TMC1102
Study Date : 05/03/11
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Northbound: CR 53
Total Approach Volume: 2,480
Approach Speed: 45

Southbound: CR 53
Total Approach Volume: 2,105
Approach Speed: 45

Minor Street Approaches

Eastbound: CSAH 12 (109th Ave.)
Total Approach Volume: 2,597

Westbound: CSAH 12 (Apollo Dr.)
Total Approach Volume: 1,024

Warrant Summary

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

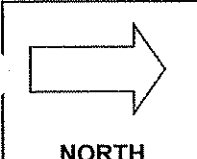
Criteria B - Crash Experience Not Evaluated

Criteria C - Minimum Volumes and Delays Satisfied
Delay data not evaluated
Required volumes reached for 11 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

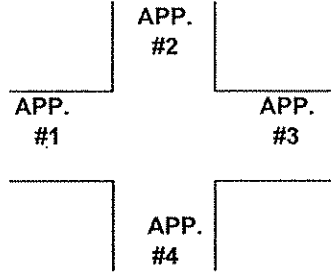
Analysis of 8 Hour Volume Warrants:

Time	Major Total	Minor Total	Crit C			Crit D		
			Major	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
06:30 - 07:30	398	140	210-Yes	140-Yes	Both	240-Yes	160-No	Major
07:30 - 08:30	471	176	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:30 - 09:30	282	148	210-Yes	140-Yes	Both	240-Yes	160-No	Major
10:15 - 11:15	216	188	210-Yes	140-Yes	Both	240-No	160-Yes	Minor
12:15 - 13:15	216	266	210-Yes	140-Yes	Both	240-No	160-Yes	Minor
13:30 - 14:30	215	229	210-Yes	140-Yes	Both	240-No	160-Yes	Minor
14:30 - 15:30	296	244	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:30 - 16:30	419	359	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:30 - 17:30	547	497	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:30 - 18:30	508	420	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:30 - 19:30	392	353	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
06:00 - 07:00	271	103	210-Yes	140-No	Major	240-Yes	160-No	Major
06:15 - 07:15	313	120	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
02:15 - 03:15	0	0	210-No	140-No	No	240-No	160-No	No
02:30 - 03:30	0	0	210-No	140-No	No	240-No	160-No	No



COUNT LOCATION: CR 53 (Sunset Ave.) @ CSAH 12 (109th Ave.)/CSAH 12 (Apollo Dr.) DATE: 04/12/2011

NORTH
APP. #1 = CR 53
APP. #2 = CSAH 12 109th Ave
APP. #3 = CR 53
APP. #4 = CSAH 12 Apollo Dr



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

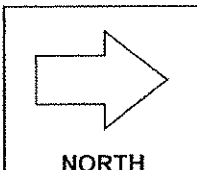
A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.

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								
6:15-6:30						1		
6:30-6:45								
6:45-7:00						5		1
HOURLY TOTAL						HOURLY TOTAL		7
7:00-7:15						1		1
7:15-7:30								2
7:30-7:45						2		2
7:45-8:00						3		1
HOURLY TOTAL						HOURLY TOTAL		12
8:00-8:15						4		2
8:15-8:30	2				2	5		9
8:30-8:45						4		1
8:45-9:00						2		6
HOURLY TOTAL					2	HOURLY TOTAL		33
9:00-9:15						7		5
9:15-9:30						8		
9:30-9:45						5		2
9:45-10:00	1				1	4		
HOURLY TOTAL					1	HOURLY TOTAL		31
10:00-10:15						5		
10:15-10:30						2		
10:30-10:45						2		
10:45-11:00						1		1
HOURLY TOTAL						HOURLY TOTAL		11
11:00-11:15						3		1
11:15-11:30						5		1
11:30-11:45						2		1
11:45-12:00						2		
HOURLY TOTAL						HOURLY TOTAL		15
12:00-12:15						3		
12:15-12:30						4		
12:30-12:45						1		2
12:45-1:00						4		1
HOURLY TOTAL						HOURLY TOTAL		15
1:00-1:15						3		3
1:15-1:30						3		1
1:30-1:45						4		1
1:45-2:00						2		
HOURLY TOTAL						HOURLY TOTAL		17
					TOTAL		TOTAL	141
					3			

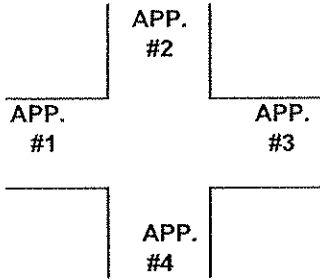
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32



COUNT LOCATION: CR 53 (Sunset Ave.) @ DATE: 04/13/2011

CSAH 12 (109th Ave.)/CSAH 12 (Apollo Dr.)

NORTH
APP. #1 = CR 53
APP. #2 = CSAH 12 109th Ave
APP. #3 = CR 53
APP. #4 = CSAH 12 Apollo Dr



- 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						2			
2:15-2:30						2		1	
2:30-2:45						4		4	
2:45-3:00						3		5	
HOURLY TOTAL						HOURLY TOTAL	21		
3:00-3:15						3		4	
3:15-3:30						8		5	
3:30-3:45								2	
3:45-4:00								2	
HOURLY TOTAL						HOURLY TOTAL	24		
4:00-4:15						4		5	
4:15-4:30								3	
4:30-4:45						4		2	
4:45-5:00						1			
HOURLY TOTAL						HOURLY TOTAL	19		
5:00-5:15						3			
5:15-5:30						1			
5:30-5:45						3			
5:45-6:00						1			
HOURLY TOTAL						HOURLY TOTAL	8		
6:00-6:15						3			
6:15-6:30						1			
6:30-6:45						3			
6:45-7:00									
HOURLY TOTAL						HOURLY TOTAL	7		
7:00-7:15						2			
7:15-7:30									
7:30-7:45									
7:45-8:00									
HOURLY TOTAL						HOURLY TOTAL	2		
	TOTAL					3	TOTAL	222	

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24