

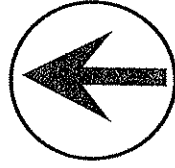
Date : 07/19/12

Count Number : TMC1224

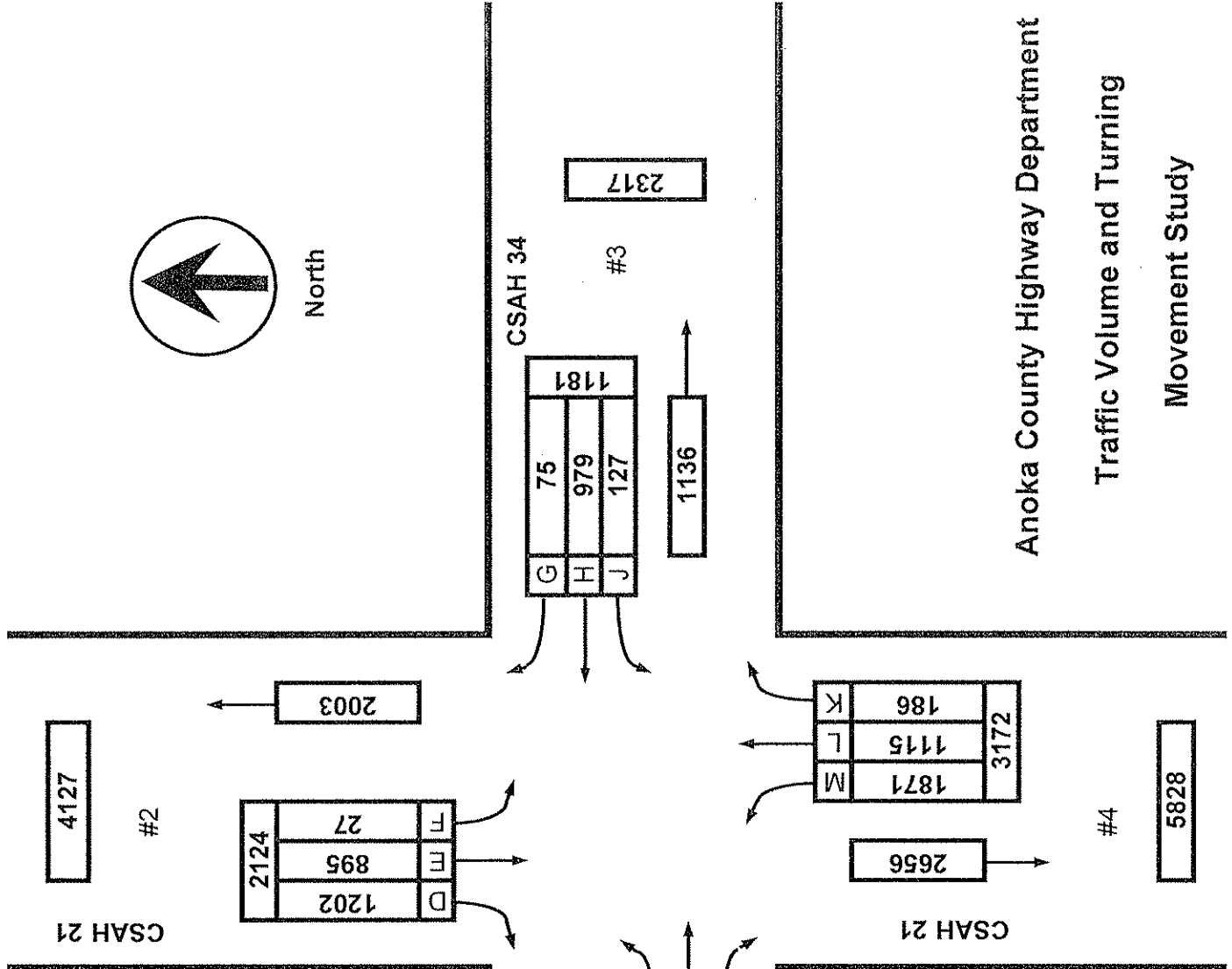
Location : CSAH 21 (Centerville Road)

@ CSAH 34 (Birch St.)

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



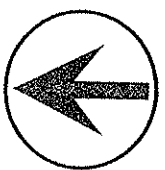
North



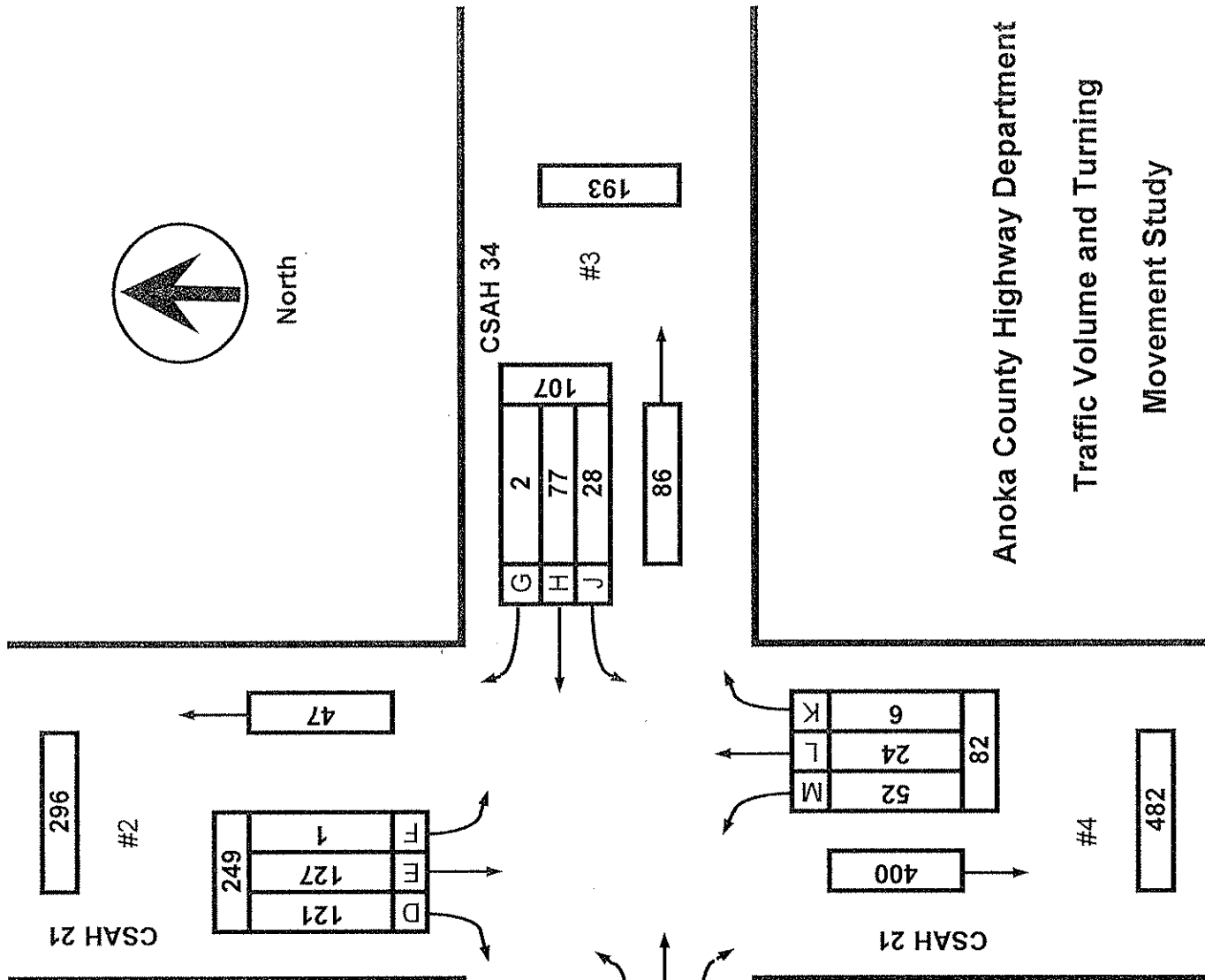
	EXISTING LANES OF APPROACH			TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	1	0	1	2
#2	0	0	1	1
#3	0	0	1	1
#4	0	0	1	1

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 07/19/12
 Count Number : TMC1224
 Location : CSAH 21 (Centerville Road)
 @ CSAH 34 (Birch St.)
 Collection Period : AM PEAK
 Hour : 7:00 AM - 8:00 AM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 07/17/12

Count Number : TMC1224

Location : CSAH 21 (Centerville Road)

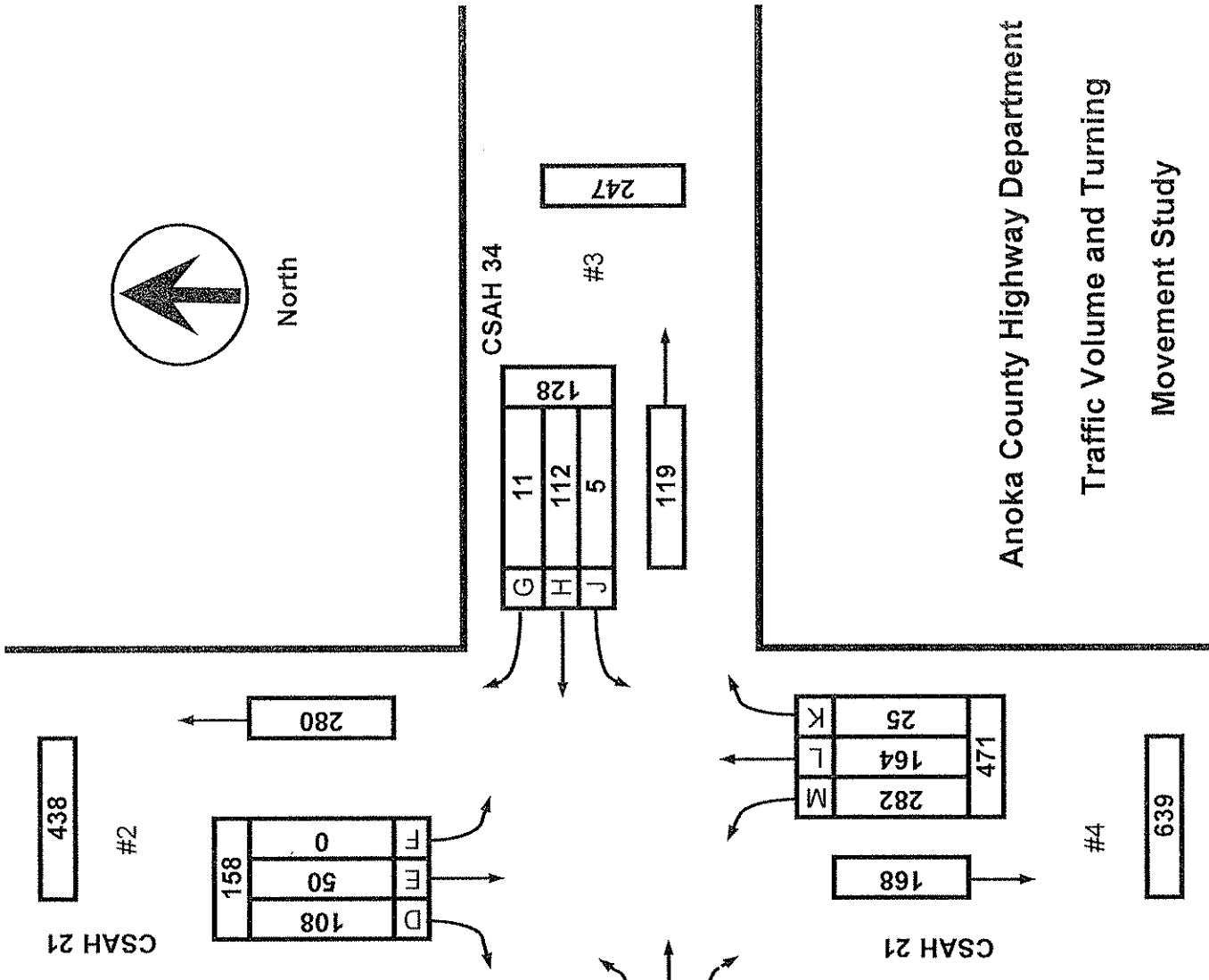
@ CSAH 34 (Birch St.)

Collection Period : PM PEAK

Hour : 4:45 PM - 5:45 PM



North



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

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 : tmc1224
 Site Code : 12240202
 Start Date : 07/17/2012
 Page No : 1

Weather: Warm and Cloudy
 Counter: DB-400
 Counted by: Reno and Hannah

Groups Printed- Unshifted

Start Time	CSAH 21 Southbound					CSAH 34 Westbound					CSAH 21 Northbound					CSAH 34 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	0	26	12	0	38	0	9	0	0	9	5	3	2	0	10	2	6	51	0	59	0	116	116
06:15	0	30	21	0	51	1	14	0	0	15	8	6	1	0	15	2	8	44	0	54	0	135	135
06:30	0	26	31	1	57	3	18	0	0	21	12	3	2	2	17	4	16	47	1	67	4	162	166
06:45	1	37	31	0	69	4	17	0	1	21	10	4	1	0	15	5	14	62	2	81	3	186	189
Total	1	119	95	1	215	8	58	0	1	66	35	16	6	2	57	13	44	204	3	261	7	599	606
07:00	0	20	33	2	53	7	14	0	2	21	5	5	0	0	10	4	22	69	1	95	5	179	184
07:15	0	31	23	1	54	8	14	1	0	23	17	9	0	0	26	9	18	65	4	92	5	195	200
07:30	0	41	35	4	76	10	25	0	2	35	12	3	4	0	19	2	21	64	1	87	7	217	224
07:45	1	35	30	2	66	3	24	1	2	28	18	7	2	0	27	6	18	47	4	71	8	192	200
Total	1	127	121	9	249	28	77	2	6	107	52	24	6	0	82	21	79	245	10	345	25	783	808
08:00	1	20	25	2	46	2	15	0	2	17	17	7	0	2	24	12	20	47	1	79	7	166	173
08:15	0	24	24	2	48	3	10	0	0	13	15	8	2	1	25	9	12	36	1	57	4	143	147
08:30	2	19	17	0	38	0	16	0	0	16	15	9	2	2	26	6	14	53	2	73	4	153	157
08:45	0	21	25	0	46	3	17	0	2	20	18	11	1	2	30	11	19	40	2	70	6	166	172
Total	3	84	91	4	178	8	58	0	4	66	65	35	5	7	105	38	65	176	6	279	21	628	649
09:00	0	16	29	1	45	3	7	2	1	12	20	10	1	0	31	9	12	29	0	50	2	138	140
09:15	0	15	16	1	31	1	13	0	4	14	12	7	2	1	21	8	10	8	0	26	6	92	98
09:30	0	22	12	1	34	5	11	1	1	17	12	6	1	2	19	11	14	24	3	49	7	119	126
09:45	0	16	17	0	33	2	10	1	0	13	7	10	1	1	18	7	10	25	3	42	4	106	110
Total	0	69	74	3	143	11	41	4	6	56	51	33	5	4	89	35	46	86	6	167	19	455	474
10:00	1	18	19	1	38	2	16	1	1	19	3	12	2	0	17	9	10	25	3	44	5	118	123
10:15	1	14	11	0	26	2	6	1	0	9	18	9	4	1	31	7	16	29	4	52	5	118	123
10:30	0	14	11	1	25	3	5	0	1	8	13	16	3	4	32	13	10	33	2	56	8	121	129
10:45	0	13	6	2	19	1	3	0	0	4	22	9	2	1	33	11	12	20	4	43	7	99	106
Total	2	59	47	4	108	8	30	2	2	40	56	46	11	6	113	40	48	107	13	195	25	456	481
11:00	1	20	17	0	38	1	18	1	1	20	24	12	4	3	40	7	12	26	4	45	8	143	151
11:15	0	14	13	1	27	1	11	2	1	14	22	18	7	1	47	10	9	14	4	33	7	121	128
11:30	0	15	14	3	29	0	9	0	0	9	20	12	3	1	35	18	12	20	1	50	5	123	128
11:45	0	12	20	1	32	2	14	0	2	16	22	18	3	1	43	8	16	21	1	45	5	136	141
Total	1	61	64	5	126	4	52	3	4	59	88	60	17	6	165	43	49	81	10	173	25	523	548
12:00	1	16	15	1	32	3	31	3	1	37	12	21	3	0	36	11	26	12	1	49	3	154	157
12:15	1	10	16	1	27	5	9	1	3	15	19	31	5	3	55	12	11	19	2	42	9	139	148
12:30	1	7	14	1	22	4	9	0	2	13	17	18	4	1	39	16	3	19	2	38	6	112	118
12:45	0	10	15	0	25	1	15	0	0	16	28	16	0	0	44	13	20	17	3	50	3	135	138
Total	3	43	60	3	106	13	64	4	6	81	76	86	12	4	174	52	60	67	8	179	21	540	561
13:00	1	14	19	1	34	0	12	0	1	12	23	16	5	1	44	11	8	17	2	36	5	126	131
13:15	0	9	18	1	27	0	16	1	1	17	30	16	4	1	50	14	15	24	3	53	6	147	153
13:30	1	6	15	0	22	0	13	0	0	13	20	18	1	2	39	18	10	18	2	46	4	120	124
13:45	0	3	12	1	15	2	7	1	1	10	23	15	3	0	41	8	11	15	4	34	6	100	106
Total	2	32	64	3	98	2	48	2	3	52	96	65	13	4	174	51	44	74	11	169	21	493	514
14:00	3	10	16	0	29	0	13	2	2	15	22	16	1	1	39	5	6	24	1	35	4	118	122
14:15	1	20	17	1	38	0	17	0	2	17	35	19	5	1	59	10	15	23	4	48	8	162	170
14:30	1	10	15	1	26	2	11	0	0	13	35	29	2	2	66	11	15	23	3	49	6	154	160
14:45	0	9	11	0	20	0	10	0	2	10	34	30	7	1	71	15	16	22	1	53	4	154	158
Total	5	49	59	2	113	2	51	2	6	55	126	94	15	5	235	41	52	92	9	185	22	588	610
15:00	0	11	11	0	22	5	13	1	2	19	42	24	5	1	71	18	16	21	1	55	4	167	171
15:15	1	14	21	0	36	2	14	2	0	18	41	22	2	0	65	17	9	15	0	41	0	160	160
15:30	1	7	15	0	23	1	16	1	1	18	46	37	3	2	86	12	15	21	3	48	6	175	181
15:45	1	11	28	0	40	2	17	4	1	23	59	39	3	1	101	27	26	18	4	71	6	235	241
Total	3	43	75	0	121	10	60	8	4	78	188	122	13	4	323	74	66	75	8	215	16	737	753
16:00	0	9	15	1	24	4	26	2	0	32	60	34	2	0	96	14	30	15	1	59	2	211	213
16:15	1	9	23	0	33	1	25	3	0	29	61	31	10	2	102	25	16	20	0	61	2	225	227
16:30	0	11	30	1	41	3	32	1	0	36	63	25	4	1	92	14	23	23	3	60	5	229	234
16:45	0	10	29	0	39	2	32	6	1	40	77	52	4	2	133	25	19	28	1	72	4	284	288
Total	1	39	97	2	137	10	115	12	1	137	261	142	20	5	423	78	88	86	5	252	13	949	962
17:00	0	14	21	0	35	0	24	3	2	27	61	34	6	0	101	25	18	24	1	67	3	230	233
17:15	0	12	24	1	36	2	35	1	0	37	81	40	7	2	128	28	26	43	0	97	3	299	302
17:30	0	14	34	0	48	1	21	1	0	23	63	38	8	0	109	27	31	18	1	76	1	256	257
17:45	0	15	42	0	57	3	18	1	0	22	55	35	7	1	97	24	18	34	0	76	1	252	253
Total	0	55	121	1	176	6	98	6	2	110	260	147	28	3	435	104	93	119	2	316	8	1037	1045



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : tmc1224
 Site Code : 12240202
 Start Date : 07/17/2012
 Page No : 2

Weather: Warm and Cloudy
 Counter: DB-400
 Counted by: Reno and Hannah

Groups Printed- Unshifted

Start Time	CSAH 21 Southbound					CSAH 34 Westbound					CSAH 21 Northbound					CSAH 34 Eastbound					Excl. Total	Incl. 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	1	7	20	0	28	1	15	2	0	18	41	24	5	0	70	16	20	20	0	56	0	172	172			
18:15	0	10	30	0	40	2	19	3	0	24	45	17	1	1	63	19	18	17	1	54	2	181	183			
18:30	0	10	10	0	20	1	20	4	1	25	35	21	1	2	57	18	14	17	0	49	3	151	154			
18:45	0	12	18	2	30	2	6	5	0	13	39	23	5	1	67	14	13	21	1	48	4	158	162			
Total	1	39	78	2	118	6	60	14	1	80	160	85	12	4	257	67	65	75	2	207	9	662	671			
19:00	0	8	17	0	25	1	13	3	0	17	32	21	1	0	54	21	16	11	0	48	0	144	144			
19:15	3	8	13	0	24	2	8	1	0	11	48	20	3	1	71	13	14	17	0	44	1	150	151			
19:30	0	11	9	1	20	1	9	1	0	11	30	15	3	1	48	16	14	23	0	53	2	132	134			
19:45	1	5	14	0	20	2	17	1	0	20	24	15	0	2	39	13	9	17	0	39	2	118	120			
Total	4	32	53	1	89	6	47	6	0	59	134	71	7	4	212	63	53	68	0	184	5	544	549			
20:00	0	4	10	0	14	0	8	1	0	9	32	11	3	0	46	13	7	19	0	39	0	108	108			
20:15	0	6	17	0	23	0	11	3	0	14	28	17	3	0	48	12	7	12	0	31	0	116	116			
20:30	0	6	19	0	25	0	20	2	0	22	35	9	2	0	46	11	6	8	0	25	0	118	118			
20:45	0	3	11	0	14	2	18	0	1	20	25	9	2	0	36	7	9	7	0	23	1	93	94			
Total	0	19	57	0	76	2	57	6	1	65	120	46	10	0	176	43	29	46	0	118	1	435	436			
21:00	0	8	16	0	24	2	13	1	0	16	33	13	2	1	48	7	16	9	0	32	1	120	121			
21:15	0	5	11	0	16	0	26	1	1	27	26	13	1	0	40	17	10	5	0	32	1	115	116			
21:30	0	8	11	0	19	0	13	1	0	14	22	5	0	0	27	17	8	11	0	36	0	96	96			
21:45	0	4	8	0	12	1	11	1	0	13	22	12	3	0	37	9	8	8	0	25	0	87	87			
Total	0	25	46	0	71	3	63	4	1	70	103	43	6	1	152	50	42	33	0	125	2	418	420			
Grand Total	27	895	1202	40	2124	127	979	75	48	1181	1871	1115	186	59	3172	813	923	1634	93	3370	240	9847	10087			
Apprch %	1.3	42.1	56.6			10.8	82.9	6.4			59	35.2	5.9			24.1	27.4	48.5								
Total %	0.3	9.1	12.2	21.6		1.3	9.9	0.8			12	19	11.3	1.9		32.2					34.2			2.4	97.6	

Start Time	CSAH 21 Southbound				CSAH 34 Westbound				CSAH 21 Northbound				CSAH 34 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 07:00																	
07:00	0	20	33	53	7	14	0	21	5	5	0	10	4	22	69	95	179
07:15	0	31	23	54	8	14	1	23	17	9	0	26	9	18	65	92	195
07:30	0	41	35	76	10	25	0	35	12	3	4	19	2	21	64	87	217
07:45	1	35	30	66	3	24	1	28	18	7	2	27	6	18	47	71	192
Total Volume	1	127	121	249	28	77	2	107	52	24	6	82	21	79	245	345	783
% App. Total	0.4	51	48.6		26.2	72	1.9		63.4	29.3	7.3		6.1	22.9	71		
PHF	.250	.774	.864	.819	.700	.770	.500	.764	.722	.667	.375	.759	.583	.898	.888	.908	.902

Peak Hour Analysis From 12:00 to 21:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:45																	
16:45	0	10	29	39	2	32	6	40	77	52	4	133	25	19	28	72	284
17:00	0	14	21	35	0	24	3	27	61	34	6	101	25	18	24	67	230
17:15	0	12	24	36	2	35	1	38	81	40	7	128	28	26	43	97	299
17:30	0	14	34	48	1	21	1	23	63	38	8	109	27	31	18	76	256
Total Volume	0	50	108	158	5	112	11	128	282	164	25	471	105	94	113	312	1069
% App. Total	0	31.6	68.4		3.9	87.5	8.6		59.9	34.8	5.3		33.7	30.1	36.2		
PHF	.000	.893	.794	.823	.625	.800	.458	.800	.870	.788	.781	.885	.938	.758	.657	.804	.894



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

Study Name : TMC1224
Study Date : 07/23/12
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 21

Number of Lanes: 1
85% Speed > 40 MPH.
Total Approach Volume: 3,172

Southbound: CSAH 21

Number of Lanes: 1
85% Speed > 40 MPH.
Total Approach Volume: 2,124

Minor Street Approaches

Eastbound: CSAH 34

Number of Lanes: 2

Total Approach Volume: 3,370

Westbound: CSAH 34

Number of Lanes: 1

Total Approach Volume: 1,181

Warrant Summary (Rural values apply.)

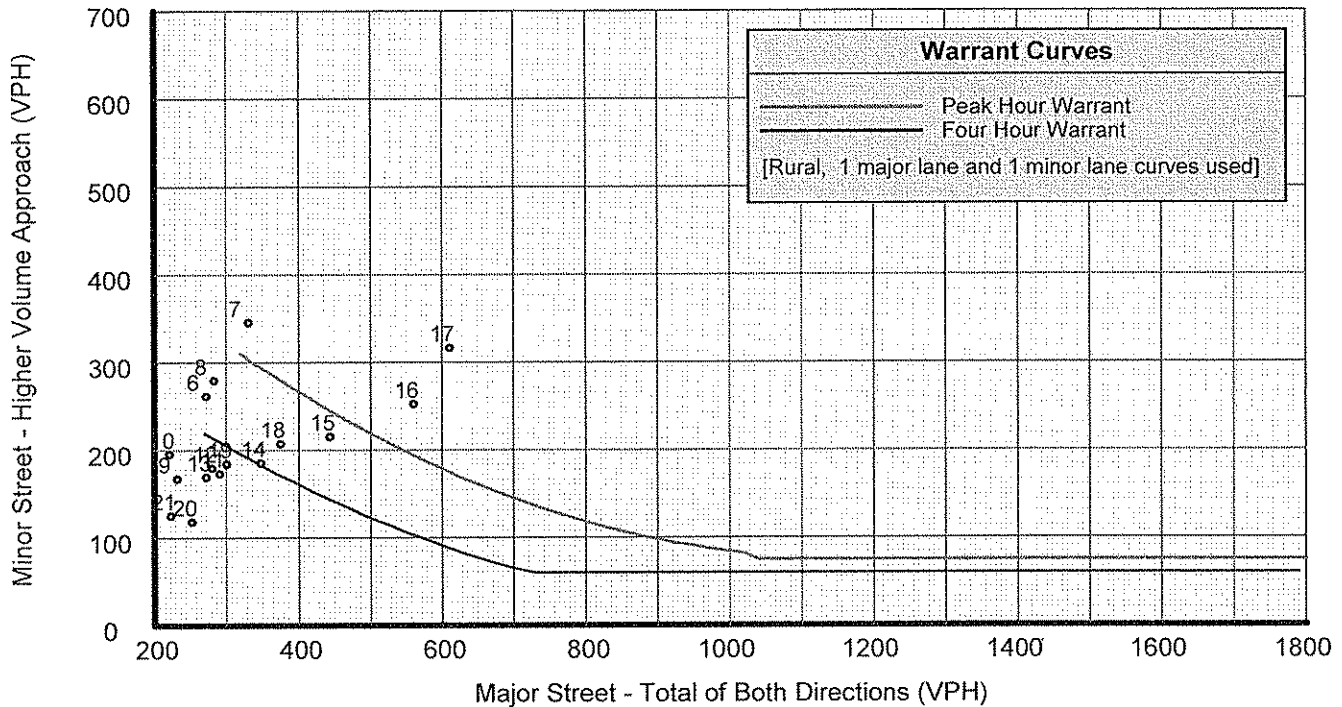
Warrant 1 - Eight Hour Vehicular Volumes	Not Satisfied
Warrant 1A - Minimum Vehicular Volume	Not Satisfied
Required volumes reached for 4 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic	Not Satisfied
Required volumes reached for 2 hours, 8 are needed	
Warrant 1 A&B - Combination of Warrants	Not Satisfied
Required volumes reached for 3 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Satisfied
Number of hours (8) volumes exceed minimum >= minimum required (4).	
Warrant 3 - Peak Hour	Satisfied
Warrant 3A - Peak Hour Delay	Satisfied
Number of hours (9) 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
Warrant 9 - Intersection Near a Grade Crossing	Not Evaluated



ANOKA COUNTY HIGHWAY PC-WARRANTS TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name : TMC1224
Study Date : 07/23/12
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	272	261	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
07:00	331	345	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
08:00	283	279	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
09:00	232	167	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
10:00	221	195	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
11:00	291	173	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
12:00	280	179	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
13:00	272	169	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
14:00	348	185	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
15:00	444	215	EB	350-Yes	105-Yes	Both	525-No	52-Yes	Minor	420-Yes	84-Yes	Both
16:00	560	252	EB	350-Yes	105-Yes	Both	525-Yes	52-Yes	Both	420-Yes	84-Yes	Both
17:00	611	316	EB	350-Yes	105-Yes	Both	525-Yes	52-Yes	Both	420-Yes	84-Yes	Both
18:00	375	207	EB	350-Yes	105-Yes	Both	525-No	52-Yes	Minor	420-No	84-Yes	Minor
19:00	301	184	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
20:00	252	118	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
21:00	223	125	EB	350-No	105-Yes	Minor	525-No	52-Yes	Minor	420-No	84-Yes	Minor
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 : TMC1224
Study Date : 07/23/12
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Northbound: CSAH 21

Total Approach Volume: 3,172
85% Speed > 40 MPH.

Southbound: CSAH 21

Total Approach Volume: 2,124
85% Speed > 40 MPH.

Minor Street Approaches

Eastbound: CSAH 34

Total Approach Volume: 3,370

Westbound: CSAH 34

Total Approach Volume: 1,181

Warrant Summary

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

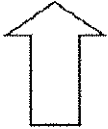
Criteria B - Crash Experience Not Evaluated

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 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?
06:00 - 07:00	272	327	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:00 - 08:00	331	452	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:00 - 09:00	283	345	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
09:00 - 10:00	232	223	210-Yes	140-Yes	Both	240-No	160-Yes	Minor
10:00 - 11:00	221	235	210-Yes	140-Yes	Both	240-No	160-Yes	Minor
11:00 - 12:00	291	232	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
12:00 - 13:00	280	260	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
13:00 - 14:00	272	221	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
14:00 - 15:00	348	240	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:00 - 16:00	444	293	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:00 - 17:00	560	389	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:00 - 18:00	611	426	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:00 - 19:00	375	287	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
19:00 - 20:00	301	243	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
20:00 - 21:00	252	183	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
21:00 - 22:00	223	195	210-Yes	140-Yes	Both	240-No	160-Yes	Minor
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:

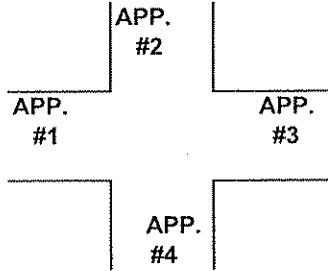
CSAH 21 (Centerville Road)

DATE:

07/19/2012

@ CSAH 34 (Birch Street)

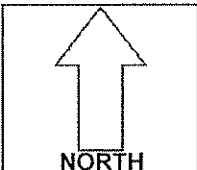
NORTH
APP. #1 = CSAH 34
APP. #2 = CSAH 21
APP. #3 = CSAH 34
APP. #4 = CSAH 21



- 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.

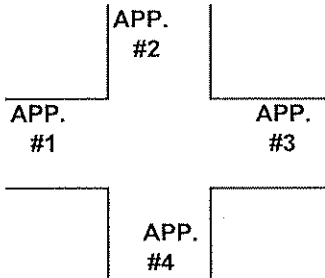
TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
6:00-6:15AM								
6:15-6:30				1	1			
6:30-6:45						4		1
6:45-7:00						2		1
HOURLY TOTAL					1	HOURLY TOTAL		8
7:00-7:15						4		1
7:15-7:30						3		3
7:30-7:45						5		2
7:45-8:00				1	1	7		1
HOURLY TOTAL					1	HOURLY TOTAL		26
8:00-8:15						7		
8:15-8:30						4		
8:30-8:45		1	1		2	3		1
8:45-9:00						3	1	2
HOURLY TOTAL					2	HOURLY TOTAL		21
9:00-9:15						2		
9:15-9:30						6		
9:30-9:45						7		
9:45-10:00						4		
HOURLY TOTAL						HOURLY TOTAL		19
10:00-10:15						5		
10:15-10:30						5		
10:30-10:45						8		
10:45-11:00						6		1
HOURLY TOTAL						HOURLY TOTAL		25
11:00-11:15						8		
11:15-11:30						7		
11:30-11:45						4		1
11:45-12:00						4		1
HOURLY TOTAL						HOURLY TOTAL		25
12:00-12:15						1		1
12:15-12:30						9		
12:30-12:45						5		1
12:45-1:00						2		1
HOURLY TOTAL						HOURLY TOTAL		20
1:00-1:15						5		
1:15-1:30						6		
1:30-1:45						3		1
1:45-2:00						6		
HOURLY TOTAL						HOURLY TOTAL		21
TOTAL					4	TOTAL		165

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COUNT LOCATION: CSAH 21 (Centerville Road) DATE: 07/17/2012
@ CSAH 34 (Birch Street)

APP. #1 = CSAH 34
APP. #2 = CSAH 21
APP. #3 = CSAH 34
APP. #4 = CSAH 21



- 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						4			1
2:15-2:30						8			2
2:30-2:45						6			3
2:45-3:00				1	1	4			4
HOURLY TOTAL					1	HOURLY TOTAL		22	
3:00-3:15						4			5
3:15-3:30									6
3:30-3:45						5	1		7
3:45-4:00						6			8
HOURLY TOTAL						HOURLY TOTAL		16	
4:00-4:15						2			9
4:15-4:30						2			10
4:30-4:45		1			1	5			11
4:45-5:00	1				1	2		2	12
HOURLY TOTAL					2	HOURLY TOTAL		13	
5:00-5:15						3			13
5:15-5:30						2		1	14
5:30-5:45						1			15
5:45-6:00		1			1	1			16
HOURLY TOTAL					1	HOURLY TOTAL		8	
6:00-6:15									17
6:15-6:30						2			18
6:30-6:45						3			19
6:45-7:00						4			20
HOURLY TOTAL						HOURLY TOTAL		9	
7:00-7:15									21
7:15-7:30						1			22
7:30-7:45			1		1	2			23
7:45-8:00		1			1	2			24
HOURLY TOTAL					2	HOURLY TOTAL		5	
8:00-8:15									25
8:15-8:30			1	1	2				26
8:30-8:45									27
8:45-9:00						1			28
HOURLY TOTAL					2	HOURLY TOTAL		1	
9:00-9:15				1	1	1			29
9:15-9:30						1			30
9:30-9:45									31
9:45-10:00									32
HOURLY TOTAL					1	HOURLY TOTAL		2	
				TOTAL	13		TOTAL	241	