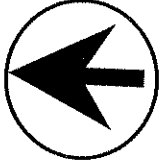


Date : 7/07/03

Count Number : TMC0331

Location : CSAH 78 (Hanson Blvd.) @

CSAH 16 (Andover Blvd.)



North

CSAH 78
14409

#2

6147	194	5721	232
D	M	T	

8262

230	1040	1652
G	H	J

2922

2786

5708

#3

Andover Blvd.

CSAH 78

1866	7790	423	10079
K	L	M	

7707

#4

17786

2997			
1695			
1302	242	726	334
	C	B	A

#1

CSAH 16

	LANES OF APPROACH			TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	0	0	1	1
#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

Anoka County Highway Department
Traffic Engineering

Weather: Sunny & Hot
Counter TDC-8
Counted by: Krystal/Shari

Traffic Volume and Turning Movement Stud

File Name : TMC0331
Site Code : 03310101
Start Date : 07/07/2003
Page No : 1

Groups Printed- 1 - Unshifted

Start Time	CSAH 78 Southbound					CSAH 16 Westbound					CSAH 78 Northbound					Andover Blvd. Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Rght	Heavy	App. Total	Left	Thru	Rght	Heavy	App. Total	Left	Thru	Rght	Heavy	App. Total	Left	Thru	Rght	Heavy	App. Total			
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0				
06:00	1	123	1	8	125	37	14	0	0	51	3	21	4	2	28	5	8	1	0	14	10	218	228
06:15	1	84	2	4	87	44	25	0	1	69	0	18	3	2	21	1	0	1	0	2	7	179	186
06:30	0	114	4	2	118	34	18	2	1	54	3	14	1	5	18	2	6	10	1	18	9	208	217
06:45	0	78	1	3	79	38	33	2	1	73	4	16	2	5	22	2	9	17	0	28	9	202	211
Total	2	399	8	17	409	153	90	4	3	247	10	69	10	14	89	10	23	29	1	62	35	807	842
07:00	2	76	2	4	80	42	26	2	2	70	0	14	3	4	17	1	3	7	0	11	10	178	188
07:15	1	66	0	7	67	41	41	4	7	86	0	28	5	9	33	2	11	13	1	26	24	212	236
07:30	2	86	7	6	95	38	52	3	1	93	6	38	2	11	46	3	5	6	0	14	18	248	266
07:45	4	92	3	11	99	33	30	10	2	73	6	26	6	6	38	7	5	15	4	27	23	237	260
Total	9	320	12	28	341	154	149	19	12	322	12	106	16	30	134	13	24	41	5	78	75	875	950
08:00	0	67	0	5	67	48	20	3	4	71	0	28	2	4	30	1	10	8	4	19	17	187	204
08:15	1	48	2	4	51	36	27	1	5	64	2	31	4	9	37	0	9	6	0	15	18	167	185
08:30	1	53	1	4	55	29	26	6	7	61	2	38	2	8	42	1	4	2	0	7	19	165	184
08:45	4	79	6	10	89	35	21	6	3	62	6	44	6	10	56	2	7	10	2	19	25	226	251
Total	6	247	9	23	262	148	94	16	19	258	10	141	14	31	165	4	30	26	6	60	79	745	824
09:00	0	68	1	7	69	45	15	1	3	61	7	36	8	5	51	1	7	7	1	15	16	196	212
09:15	1	53	2	5	56	43	29	0	3	72	2	28	6	10	36	2	5	2	1	9	19	173	192
09:30	0	43	2	5	45	48	24	4	6	76	4	35	6	7	45	3	11	4	2	18	20	184	204
09:45	3	48	1	7	52	47	26	5	2	78	2	31	7	2	40	3	7	3	0	13	11	183	194
Total	4	212	6	24	222	183	94	10	14	287	15	130	27	24	172	9	30	16	4	55	66	736	802
10:00	2	49	0	6	51	55	12	2	3	69	2	51	3	7	56	0	3	4	0	7	16	183	199
10:15	2	40	3	4	45	47	35	4	7	86	2	30	5	7	37	2	5	6	2	13	20	181	201
10:30	0	40	2	4	42	57	17	3	3	77	2	39	8	5	49	5	12	5	3	22	15	190	205
10:45	2	70	1	10	73	84	18	4	2	106	1	63	4	11	68	2	11	4	0	17	23	264	287
Total	6	199	6	24	211	243	82	13	15	338	7	183	20	30	210	9	31	19	5	59	74	818	892
11:00	4	76	3	3	83	20	10	5	1	35	1	46	8	8	55	3	5	5	1	13	13	186	199
11:15	3	65	7	7	75	18	4	2	2	24	3	56	6	4	65	4	10	5	0	19	13	183	196
11:30	3	61	1	6	65	13	14	4	1	31	5	64	6	7	75	2	8	9	0	19	14	190	204
11:45	4	52	7	4	63	9	11	1	2	21	1	56	13	10	70	2	9	0	0	11	16	165	181
Total	14	254	18	20	286	60	39	12	6	111	10	222	33	29	285	11	32	19	1	62	56	724	780
12:00	5	109	7	15	121	11	7	1	1	19	5	56	15	7	76	6	14	3	4	23	27	239	266
12:15	1	76	4	3	81	21	8	2	2	31	4	71	22	2	97	5	7	6	0	18	7	227	234
12:30	2	64	3	11	69	20	10	4	3	34	5	54	14	10	73	3	12	10	0	25	24	201	225
12:45	2	50	4	7	56	16	13	8	2	37	5	69	14	0	88	6	15	5	2	26	11	207	218
Total	10	299	18	36	327	68	38	15	8	121	19	250	65	19	334	20	48	24	6	92	69	874	943
13:00	1	57	2	5	60	19	10	8	0	37	5	68	16	4	89	2	8	3	1	13	10	199	209
13:15	3	48	2	5	53	16	19	5	2	40	3	81	21	6	105	5	13	5	1	23	14	221	235
13:30	0	52	3	6	55	22	9	2	1	33	3	84	22	8	109	2	18	4	0	24	15	221	236
13:45	1	54	2	7	57	11	11	3	1	25	4	68	16	6	88	3	8	6	0	17	14	187	201
Total	5	211	9	23	225	68	49	18	4	135	15	301	75	24	391	12	47	18	2	77	53	828	881
14:00	1	67	2	1	70	16	13	3	1	32	7	95	19	3	121	2	18	8	2	28	7	251	258
14:15	2	76	2	4	80	19	10	3	4	32	6	87	31	8	124	2	6	7	1	15	17	251	268
14:30	2	61	4	8	67	18	10	1	0	29	2	96	17	7	115	2	5	5	2	12	17	223	240
14:45	0	101	7	7	108	19	18	6	2	43	5	141	30	5	176	1	10	5	0	16	14	343	357
Total	5	305	15	20	325	72	51	13	7	136	20	419	97	23	536	7	39	25	5	71	55	1068	1123
15:00	3	79	0	9	82	18	10	5	2	33	7	138	38	11	183	4	7	4	1	15	23	313	336
15:15	3	91	3	14	97	25	9	1	2	35	6	147	54	6	207	3	10	4	1	17	23	356	379
15:30	6	129	4	9	139	22	10	4	1	36	5	180	41	9	226	5	8	1	3	14	22	415	437
15:45	2	102	5	3	109	20	18	10	2	48	11	224	46	8	281	2	16	5	2	23	15	461	476
Total	14	401	12	35	427	85	47	20	7	152	29	689	179	34	897	14	41	14	7	69	83	1545	1628
16:00	2	113	2	3	117	23	17	8	1	48	6	239	47	7	292	2	25	10	3	37	14	494	508
16:15	7	113	8	2	128	14	16	5	5	35	3	275	99	6	377	5	20	9	3	34	16	574	590
16:30	6	145	4	5	155	19	18	8	3	45	9	333	86	9	428	6	35	2	1	43	18	671	689
16:45	5	118	3	0	126	17	8	1	2	26	13	328	91	9	432	8	20	2	1	30	12	614	626
Total	20	489	17	10	526	73	59	22	11	154	31	1175	323	31	1529	21	100	23	8	144	60	2353	2413

Anoka County Highway Department
Traffic Engineering

Weather: Sunny & Hot
Counter TDC-8
Counted by: Krystal/Shari

Traffic Volume and Turning Movement Stud

File Name : TMC0331
Site Code : 03310101
Start Date : 07/07/2003
Page No : 2

Groups Printed- 1 - Unshifted

Start Time	CSAH 78 Southbound					CSAH 16 Westbound					CSAH 78 Northbound					Andover Blvd. Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Rght	Heavy	App. Total	Left	Thru	Rght	Heavy	App. Total	Left	Thru	Rght	Heavy	App. Total	Left	Thru	Rght	Heavy	App. Total			
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0				
17:00	5	109	5	4	119	14	25	1	3	40	11	254	66	13	331	10	30	5	1	45	21	535	556
17:15	3	136	8	1	147	27	21	8	3	56	24	269	82	5	375	8	28	9	5	45	14	623	637
17:30	5	111	6	1	122	41	15	11	3	67	30	267	83	6	380	4	20	6	1	30	11	599	610
17:45	4	119	11	4	134	35	30	5	4	70	29	277	45	3	351	12	19	5	0	36	11	591	602
Total	17	475	30	10	522	117	91	25	13	233	94	1067	276	27	1437	34	97	25	7	156	57	2348	2405
18:00	10	145	5	4	160	10	13	6	1	29	20	329	95	4	444	5	15	3	0	23	9	656	665
18:15	12	160	5	2	177	18	16	4	1	38	19	328	112	7	459	5	10	5	1	20	11	694	705
18:30	4	98	10	2	112	11	11	0	2	22	9	184	45	3	238	4	9	1	1	14	8	386	394
18:45	5	92	4	1	101	12	19	1	1	32	2	199	43	3	244	4	8	0	0	12	5	389	394
Total	31	495	24	9	550	51	59	11	5	121	50	1040	295	17	1385	18	42	9	2	69	33	2125	2158
19:00	6	121	5	5	132	21	14	3	2	38	12	222	19	2	253	2	8	1	0	11	9	434	443
19:15	5	125	5	2	135	11	8	2	1	21	1	215	30	5	246	8	10	3	0	21	8	423	431
19:30	7	140	5	2	152	15	12	1	1	28	11	170	38	3	219	6	11	3	2	20	8	419	427
19:45	9	92	2	3	103	9	6	1	1	16	1	130	45	3	176	5	7	4	2	16	9	311	320
Total	27	478	17	12	522	56	40	7	5	103	25	737	132	13	894	21	36	11	4	68	34	1587	1621
20:00	3	61	2	2	66	4	8	5	0	17	13	107	42	3	162	1	12	1	0	14	5	259	264
20:15	3	96	8	0	107	9	14	1	1	24	6	223	32	4	261	8	11	1	0	20	5	412	417
20:30	6	161	3	2	170	13	7	5	2	25	2	187	50	5	239	5	13	11	1	29	10	463	473
20:45	3	92	0	3	95	10	8	7	1	25	13	198	45	0	256	5	17	4	2	26	6	402	408
Total	15	410	13	7	438	36	37	18	4	91	34	715	169	12	918	19	53	17	3	89	26	1536	1562
21:00	2	141	4	5	147	13	5	1	0	19	6	121	28	1	155	8	11	5	0	24	6	345	351
21:15	2	196	3	4	201	17	6	2	0	25	11	145	40	1	196	5	20	3	0	28	5	450	455
21:30	4	119	5	0	128	13	6	3	0	22	7	144	37	3	188	5	15	5	0	25	3	363	366
21:45	1	71	6	3	78	15	4	1	3	20	18	136	30	1	184	2	7	5	0	14	7	296	303
Total	9	527	18	12	554	58	21	7	3	86	42	546	135	6	723	20	53	18	0	91	21	1454	1475
Grand Total	194	572	232	310	6147	162	104	230	136	2895	423	779	186	364	1007	242	726	334	66	1302	876	2042	2129
Apprch %	3.2	93.1	3.8			56.1	35.9	7.9			4.2	77.3	18.5		9	18.6	55.8	25.7				3	9
Total %	0.9	28.0	1.1		30.1	8.0	5.1	1.1		14.2	2.1	38.1	9.1		49.4	1.2	3.6	1.6		6.4	4.1	95.9	

ANOKA COUNTY HIGHWAY DEPARTMENT
PC-WARRANTS
TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name : **TMC0331**
 Study Date : **07/11/03**
 Page No. : **1**

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 78

Number of Lanes: **2**
 Approach Speed: **55**
 Total Approach Volume: **10,079**

Southbound: CSAH 78

Number of Lanes: **2**
 Approach Speed: **55**
 Total Approach Volume: **6,147**

Minor Street Approaches

Eastbound: Andover Blvd.

Number of Lanes: **1**

 Total Approach Volume: **1,302**

Westbound: CSAH 16

Number of Lanes: **1**

 Total Approach Volume: **2,895**

Warrant Summary (Rural values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Satisfied
Warrant 1A - Minimum Vehicular Volume	Satisfied
Required volumes reached for 12 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic	Satisfied
Required volumes reached for 9 hours, 8 are needed	
Warrant 1 A&B - Combination of Warrants	Satisfied
Required volumes reached for 11 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Satisfied
Number of hours (15) volumes exceed minimum >= minimum required (4).	
Warrant 3 - Peak Hour	Satisfied
Warrant 3A - Peak Hour Volumes	Satisfied
Volumes exceed minimums for at least one hour.	
Warrant 3B - Peak Hour Delay	Satisfied
Number of hours (41) volumes exceed minimum >= required (1). Delay data not evaluated.	
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 DEPARTMENT

PC-WARRANTS

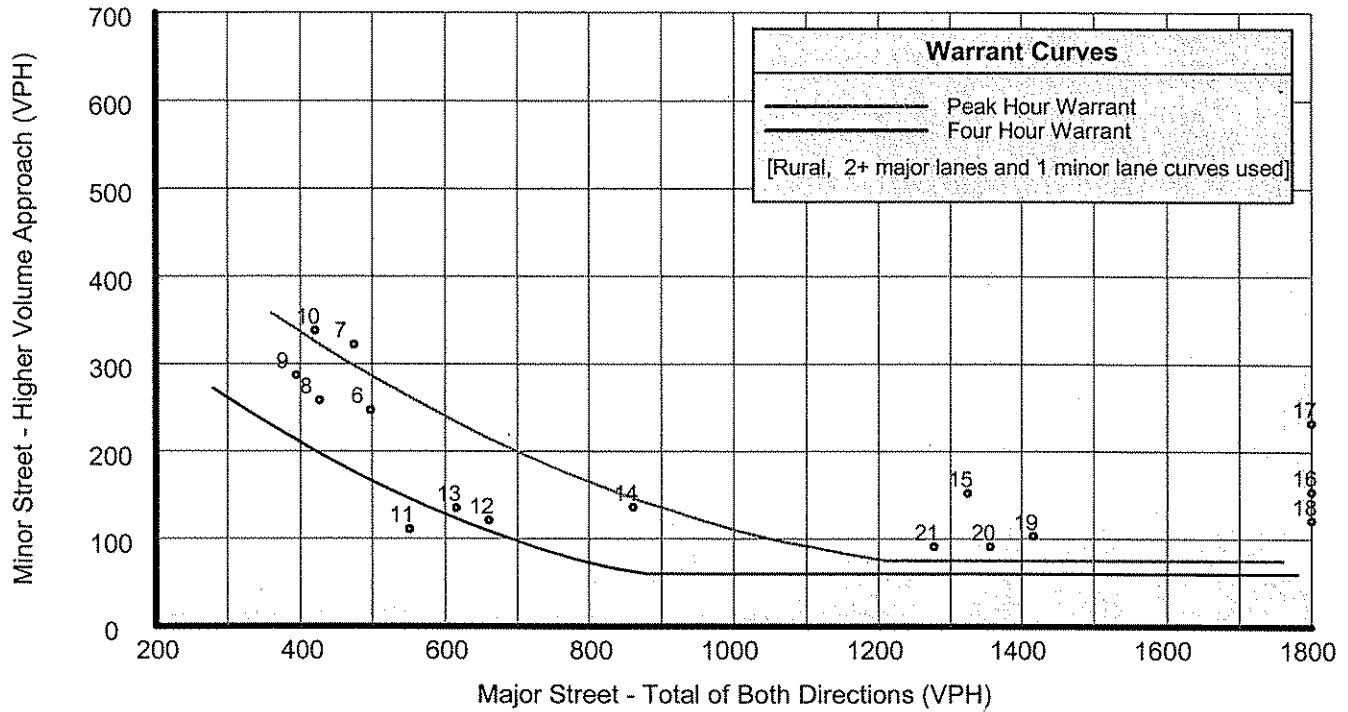
TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name : TMC0331

Study Date : 07/11/03

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	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	498	247	WB	420-Yes	105-Yes	Both	630-No	52-Yes	Minor	504-No	84-Yes	Minor
07:00	475	322	WB	420-Yes	105-Yes	Both	630-No	52-Yes	Minor	504-No	84-Yes	Minor
08:00	427	258	WB	420-Yes	105-Yes	Both	630-No	52-Yes	Minor	504-No	84-Yes	Minor
09:00	394	287	WB	420-No	105-Yes	Minor	630-No	52-Yes	Minor	504-No	84-Yes	Minor
10:00	421	338	WB	420-Yes	105-Yes	Both	630-No	52-Yes	Minor	504-No	84-Yes	Minor
11:00	551	111	WB	420-Yes	105-Yes	Both	630-No	52-Yes	Minor	504-Yes	84-Yes	Both
12:00	661	121	WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
13:00	616	135	WB	420-Yes	105-Yes	Both	630-No	52-Yes	Minor	504-Yes	84-Yes	Both
14:00	861	136	WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
15:00	1,324	152	WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
16:00	2,055	154	WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
17:00	1,959	233	WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
18:00	1,935	121	WB	420-Yes	105-Yes	Both	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
19:00	1,416	103	WB	420-Yes	105-No	Major	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
20:00	1,356	91	WB	420-Yes	105-No	Major	630-Yes	52-Yes	Both	504-Yes	84-Yes	Both
21:00	1,277	91	EB	420-Yes	105-No	Major	630-Yes	52-Yes	Both	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 DEPARTMENT

PC-WARRANTS TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name : TMC0331
Study Date : 07/11/03

Multi-Way Stop Warrant Report

Major Street Approaches

Northbound: CSAH 78

Total Approach Volume: 10,079
Approach Speed: 55

Southbound: CSAH 78

Total Approach Volume: 6,147
Approach Speed: 55

Minor Street Approaches

Eastbound: Andover Blvd.

Total Approach Volume: 1,302

Westbound: CSAH 16

Total Approach Volume: 2,895

Warrant Summary

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

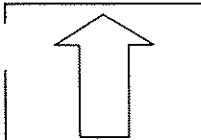
Criteria B - Crash Experience Not Evaluated
Number of crashes (0) is less than the minimum required (5).

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
Required volumes reached for 12 hours, 8 are needed

Analysis of 8-Hour Volume Warrants:

Time	Major Crit		Crit C			Crit D		
	Total	Minor Total	Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
00:00 - 01:00	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
02:00 - 03:00	0	0	210-No	140-No	No	240-No	160-No	No
03:00 - 04:00	0	0	210-No	140-No	No	240-No	160-No	No
04:00 - 05:00	0	0	210-No	140-No	No	240-No	160-No	No
05:00 - 06:00	0	0	210-No	140-No	No	240-No	160-No	No
06:00 - 07:00	498	309	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:00 - 08:00	475	400	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:00 - 09:00	427	318	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
09:00 - 10:00	394	342	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
10:00 - 11:00	421	397	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
11:00 - 12:00	551	173	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
12:00 - 13:00	661	213	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
13:00 - 14:00	616	212	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
14:00 - 15:00	861	207	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:00 - 16:00	1,324	221	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:00 - 17:00	2,055	298	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:00 - 18:00	1,959	389	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:00 - 19:00	1,935	190	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
19:00 - 20:00	1,416	171	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
20:00 - 21:00	1,356	180	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
21:00 - 22:00	1,277	177	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
22:00 - 23:00	0	0	210-No	140-No	No	240-No	160-No	No
23:00 - 00:00	0	0	210-No	140-No	No	240-No	160-No	No



COUNT LOCATION:

CSAH 78 (Hanson Blvd.) @

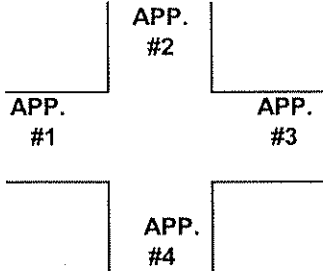
DATE:

7/7/03

CSAH 16 (Andover Blvd.)

NORTH

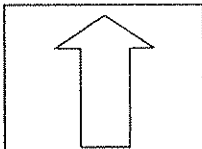
APP. #1 = CSAH 16
APP. #2 = CSAH 78
APP. #3 = CSAH 16
APP. #4 = CSAH 78



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		1	1		2	8		
6:15-6:30						6		1
6:30-6:45						7	1	
6:45-7:00						4		3
HOURLY TOTAL					2	HOURLY TOTAL		30
7:00-7:15		1	1		2	7		1
7:15-7:30		1	1		2	20		3
7:30-7:45						14		6
7:45-8:00		2	1		3	13		8
HOURLY TOTAL					7	HOURLY TOTAL		72
8:00-8:15		1	1		2	16		
8:15-8:30			1		1	15		4
8:30-8:45			1		1	10	2	8
8:45-9:00						19	1	5
HOURLY TOTAL					4	HOURLY TOTAL		80
9:00-9:15		2	2		4	13		3
9:15-9:30						15	2	1
9:30-9:45		4	5		9	17		
9:45-10:00		2	2		4	10	2	
HOURLY TOTAL					17	HOURLY TOTAL		63
10:00-10:15		2	1		3	14	1	
10:15-10:30						13	2	1
10:30-10:45						15		
10:45-11:00						13	1	9
HOURLY TOTAL					3	HOURLY TOTAL		69
11:00-11:15						7	1	3
11:15-11:30						8	1	4
11:30-11:45						13		1
11:45-12:00		2	1		3	9		7
HOURLY TOTAL					3	HOURLY TOTAL		54
12:00-12:15		1	1		2	14	1	10
12:15-12:30		1			1	6		2
12:30-12:45						16	1	7
12:45-1:00		3	2		5	6		5
HOURLY TOTAL					8	HOURLY TOTAL		68
1:00-1:15		2			2	9		2
1:15-1:30		4	4		8	12		1
1:30-1:45		5	5		10	17		
1:45-2:00		11	11		22	11	1	2
HOURLY TOTAL					42	HOURLY TOTAL		55
					TOTAL		TOTAL	

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NORTH

COUNT LOCATION:

CSAH 78 (Hanson Blvd.) @

DATE:

7/7/03

CSAH 16 (Andover Blvd.)

APP. #1 = CSAH 16
APP. #2 = CSAH 78
APP. #3 = CSAH 16
APP. #4 = CSAH 78

APP. #2	APP. #3
APP. #1	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						9			1
2:15-2:30	2	6			8	14			2
2:30-2:45		4	1	1	6	16		1	3
2:45-3:00	1	3		5	9	17			4
HOURLY TOTAL					23	HOURLY TOTAL		57	
3:00-3:15		4			4	20		4	5
3:15-3:30		3			3	19	1	1	6
3:30-3:45		3	3		6	22			7
3:45-4:00		1			1	14		1	8
HOURLY TOTAL					14	HOURLY TOTAL		82	
4:00-4:15						10	2	1	9
4:15-4:30		3	1		4	15	1		10
4:30-4:45						20			11
4:45-5:00						12			12
HOURLY TOTAL					4	HOURLY TOTAL		61	
5:00-5:15		2	1		3	18	3		13
5:15-5:30		6	5		11	16	1		14
5:30-5:45		8	5		13	9	3		15
5:45-6:00						11	1		16
HOURLY TOTAL					27	HOURLY TOTAL		62	
6:00-6:15	1	2	2		5	9	2		17
6:15-6:30		3	6		9	10			18
6:30-6:45		1	1		2	5	1		19
6:45-7:00		3	4		7	7			20
HOURLY TOTAL					23	HOURLY TOTAL		34	
7:00-7:15		9	7		16	6	2		21
7:15-7:30						8	1		22
7:30-7:45						6			23
7:45-8:00		3	2		5	7	2		24
HOURLY TOTAL					21	HOURLY TOTAL		32	
8:00-8:15		1	1		2	3	1		25
8:15-8:30		7	4		11	5	3		26
8:30-8:45		2	2		4	6	3		27
8:45-9:00						4	1		28
HOURLY TOTAL					17	HOURLY TOTAL		26	
9:00-9:15		2	2		4	5	1		29
9:15-9:30						3	2		30
9:30-9:45		1	1		2	1	1		31
9:45-10:00						7			32
HOURLY TOTAL					6	HOURLY TOTAL		20	
					TOTAL		TOTAL		