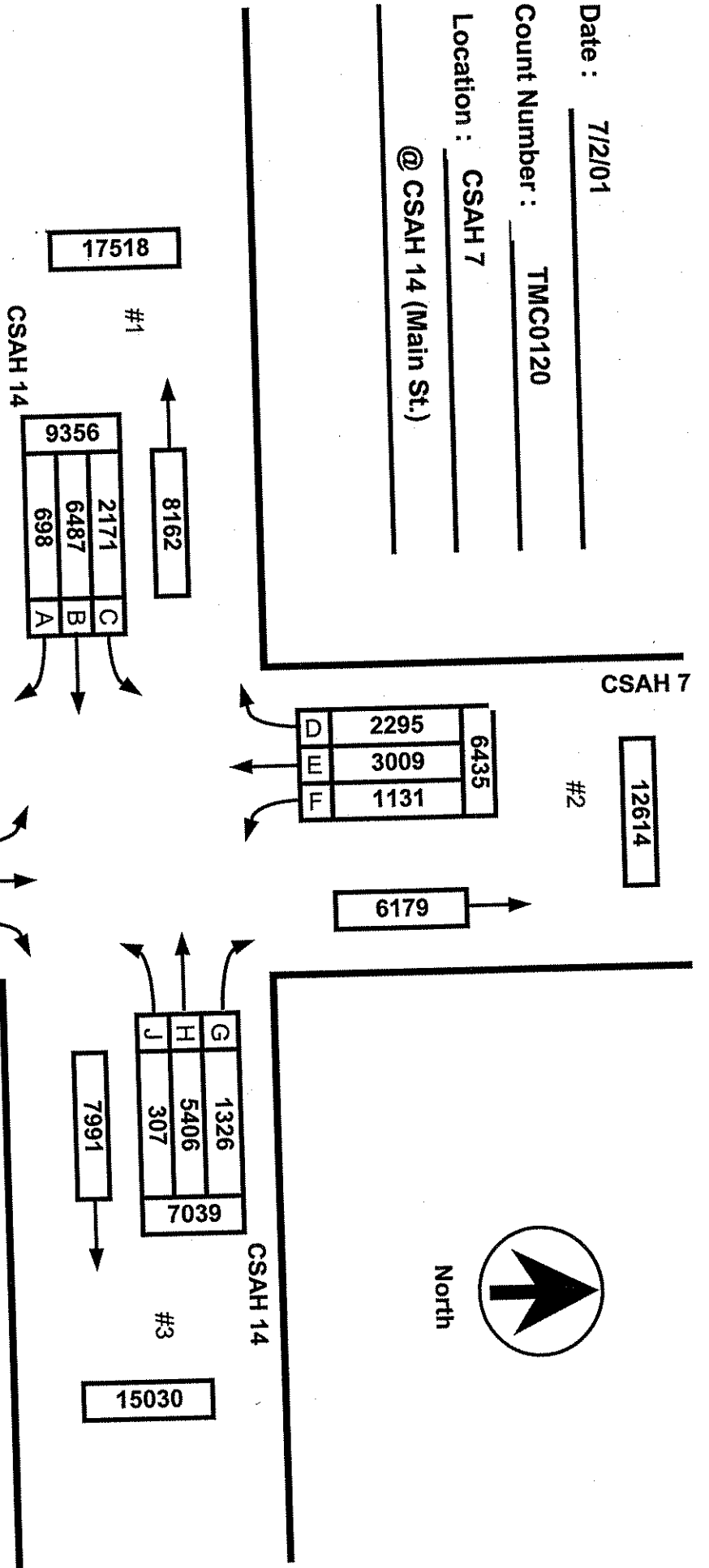


Date : 7/2/01

Count Number : TMC0120

Location : CSAH 7
@ CSAH 14 (Main St.)



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

Anoka County Highway Department
Traffic Volume and Turning
Movement Study

Anoka County Highway Department
 Traffic Engineering
 Traffic Volume and Turning Movement Study

File Name : TMC0120
 Site Code : 01200201
 Start Date : 07/02/2001
 Page No : 1

Weather: Sunny
 Counter: TDC-8
 Counted by: Jessica/Melissa

Groups Printed- 1 - 1 - Unshifted

Start Time	CSAH 7 Southbound					CSAH 14 Westbound					CSAH 7 Northbound					CSAH 14 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			
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	6	24	34	6	64	0	45	7	1	52	5	17	4	2	26	8	17	1	0	26	9	168	177
06:15	7	32	24	3	63	0	57	8	4	65	5	21	2	1	28	16	37	3	0	56	8	212	220
06:30	10	47	27	2	84	1	70	11	0	82	4	37	3	0	44	23	51	9	1	83	3	293	296
06:45	19	63	30	5	112	1	65	10	2	76	3	25	3	3	31	21	39	8	2	68	12	287	299
Total	42	166	115	16	323	2	237	36	7	275	17	100	12	6	129	68	144	21	3	233	32	960	992
07:00	8	41	31	3	80	0	69	16	4	85	9	29	3	0	41	10	55	11	1	76	8	282	290
07:15	18	48	32	4	98	2	74	15	1	91	2	27	4	0	33	24	38	5	2	67	7	289	296
07:30	13	58	32	5	103	1	83	12	2	96	5	33	3	1	41	21	57	6	8	84	16	324	340
07:45	19	61	41	3	121	2	106	20	1	128	7	44	6	5	57	25	51	8	4	84	13	390	403
Total	58	208	136	15	402	5	332	63	8	400	23	133	16	6	172	80	201	30	15	311	44	1285	1329
08:00	8	39	44	4	91	3	102	18	9	123	9	40	3	1	52	20	51	6	3	77	17	343	360
08:15	16	40	25	6	81	2	87	11	5	100	9	35	2	1	46	22	42	8	5	72	17	299	316
08:30	16	53	36	6	105	8	83	9	7	100	7	34	3	3	44	23	70	9	6	102	22	351	373
08:45	14	48	36	6	98	5	94	17	7	116	7	43	7	2	57	27	55	6	2	88	17	359	376
Total	54	180	141	22	375	18	366	55	28	439	32	152	15	7	199	92	218	29	16	339	73	1352	1425
09:00	16	51	44	2	111	5	79	21	11	105	7	30	3	0	40	26	81	17	8	124	21	380	401
09:15	21	42	31	7	94	3	75	20	2	98	6	37	8	2	51	30	73	7	5	110	16	353	369
09:30	14	39	44	3	97	6	78	22	10	106	7	45	4	2	56	28	80	10	9	118	24	377	401
09:45	22	52	40	8	114	6	76	21	4	103	10	38	16	2	64	34	77	10	3	121	17	402	419
Total	73	184	159	20	416	20	308	84	27	412	30	150	31	6	211	118	311	44	25	473	78	1512	1590
10:00	12	34	47	3	93	7	79	15	7	101	4	54	16	3	74	32	81	12	3	125	16	393	409
10:15	22	38	28	4	88	1	77	21	3	99	12	34	3	1	49	38	109	11	2	158	10	394	404
10:30	10	43	32	2	85	7	87	26	8	120	8	42	5	3	55	35	112	10	2	157	15	417	432
10:45	20	43	45	7	108	9	77	21	10	107	2	38	5	1	45	34	129	13	1	176	19	436	455
Total	64	158	152	16	374	24	320	83	28	427	26	168	29	8	223	139	431	46	8	616	60	1640	1700
11:00	19	47	48	4	114	3	92	24	6	119	5	45	5	2	55	44	104	13	2	161	14	449	463
11:15	20	51	42	7	113	8	100	21	4	129	6	36	5	2	47	24	112	14	4	150	17	439	456
11:30	23	44	40	3	107	4	90	22	7	116	11	36	6	3	53	39	136	17	2	192	15	468	483
11:45	10	60	33	4	103	10	114	28	10	152	11	56	10	0	77	21	107	12	6	140	20	472	492
Total	72	202	163	18	437	25	396	95	27	516	33	173	26	7	232	128	459	56	14	643	66	1828	1894
12:00	30	63	43	4	136	10	98	21	5	129	10	47	7	1	64	35	131	21	7	187	17	516	533
12:15	14	43	34	3	91	5	111	22	5	138	10	34	7	3	51	21	115	10	5	146	16	426	442
12:30	22	53	49	3	124	7	118	41	13	166	3	51	8	1	62	33	105	16	8	154	25	506	531
12:45	25	64	63	3	152	7	108	33	3	148	7	52	5	1	64	29	112	11	4	152	11	516	527
Total	91	223	189	13	503	29	435	117	26	581	30	184	27	6	241	118	463	58	24	639	69	1964	2033
13:00	19	56	47	3	122	6	107	27	8	140	17	51	13	1	81	35	127	16	4	178	16	521	537
13:15	23	55	37	5	115	11	126	19	7	156	5	46	12	3	63	40	111	8	3	159	18	493	511
13:30	15	52	49	2	116	9	115	25	6	149	6	23	5	0	34	32	100	17	6	149	14	448	462
13:45	26	68	45	5	139	10	103	20	7	133	6	38	10	0	54	37	110	11	3	158	15	484	499
Total	83	231	178	15	492	36	451	91	28	578	34	158	40	4	232	144	448	52	16	644	63	1946	2009
14:00	20	56	40	2	116	7	67	21	3	95	12	52	6	2	70	39	132	6	7	177	14	458	472
14:15	23	46	37	2	106	6	102	28	3	136	7	46	5	1	58	38	134	19	3	191	9	491	500
14:30	28	64	36	1	128	6	120	24	3	150	7	50	9	4	66	44	178	8	2	230	10	574	584
14:45	19	64	33	4	116	4	97	19	3	120	8	67	8	2	83	61	143	15	6	219	15	538	553
Total	90	230	146	9	466	23	386	92	12	501	34	215	28	9	277	182	587	48	18	817	48	2061	2109
15:00	18	38	53	1	109	7	138	33	2	178	6	53	5	2	64	47	134	19	3	200	8	551	559
15:15	20	47	39	3	106	5	103	20	2	128	9	49	3	1	61	51	148	15	7	214	13	509	522
15:30	27	68	48	4	143	4	102	33	6	139	10	81	7	2	98	50	163	13	6	226	18	606	624
15:45	16	57	37	2	110	7	104	27	5	138	12	70	7	0	89	50	156	13	1	219	8	556	564
Total	81	210	177	10	468	23	447	113	15	583	37	253	22	5	312	198	601	60	17	859	47	2222	2269
16:00	24	50	42	1	116	7	111	30	5	148	6	60	7	0	73	59	145	4	2	208	8	545	553
16:15	13	73	52	5	137	4	99	35	4	138	11	72	11	1	94	47	194	13	1	254	11	624	635
16:30	35	63	39	1	137	6	89	26	3	121	7	40	7	1	54	61	190	15	4	266	9	578	587
16:45	16	49	47	2	112	9	86	46	4	141	7	57	5	0	69	75	175	19	4	269	10	591	601
Total	88	235	180	9	503	26	385	137	16	548	31	229	30	2	290	242	704	51	11	997	38	2338	2376

Anoka County Highway Department
 Traffic Engineering
 Traffic Volume and Turning Movement Stud

File Name : TMC0120
 Site Code : 01200201
 Start Date : 07/02/2001
 Page No : 2

Weather: Sunny
 Counter: TDC-8
 Counted by: Jessica/Melissa

Groups Printed- 1 - 1 - Unshifted

Start Time	CSAH 7 Southbound					CSAH 14 Westbound					CSAH 7 Northbound					CSAH 14 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			
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	34	65	41	4	140	5	68	22	2	95	16	80	8	1	104	58	173	14	3	245	10	584	594
17:15	19	62	36	3	117	7	78	33	4	118	4	51	8	1	63	65	144	11	4	220	12	518	530
17:30	22	47	47	2	116	5	89	22	5	116	7	56	3	1	66	40	129	10	3	179	11	477	488
17:45	14	48	41	1	103	2	64	26	1	92	4	52	10	0	66	45	132	11	5	188	7	449	456
Total	89	222	165	10	476	19	299	103	12	421	31	239	29	3	299	208	578	46	15	832	40	2028	2068
18:00	27	46	46	3	119	7	71	30	6	108	10	51	6	0	67	48	131	14	7	193	16	487	503
18:15	26	45	31	1	102	6	87	23	2	116	3	42	1	0	46	36	130	13	0	179	3	443	446
18:30	16	46	31	0	93	1	68	19	2	88	5	46	5	0	56	35	94	16	1	145	3	382	385
18:45	13	35	29	0	77	2	86	16	0	104	16	41	2	1	59	33	97	10	2	140	3	380	383
Total	82	172	137	4	391	16	312	88	10	416	34	180	14	1	228	152	452	53	10	657	25	1692	1717
19:00	14	40	20	2	74	0	71	17	0	88	7	36	4	3	47	32	92	14	2	138	7	347	354
19:15	20	42	15	0	77	7	68	10	0	85	12	34	6	0	52	27	87	9	0	123	0	337	337
19:30	18	34	13	0	65	3	65	19	2	87	10	36	12	4	58	19	79	9	2	107	8	317	325
19:45	13	37	29	0	79	3	61	15	3	79	7	47	4	0	58	30	83	17	3	130	6	346	352
Total	65	153	77	2	295	13	265	61	5	339	36	153	26	7	215	108	341	49	7	498	21	1347	1368
20:00	15	33	19	0	67	7	63	20	1	90	3	31	6	0	40	22	54	5	0	81	1	278	279
20:15	13	30	26	0	69	0	70	13	0	83	4	33	4	0	41	29	83	3	0	115	0	308	308
20:30	15	34	27	0	76	5	58	13	0	76	7	32	4	0	43	16	58	5	0	79	0	274	274
20:45	13	28	16	1	57	2	58	17	1	77	3	29	1	0	33	23	82	9	1	114	3	281	284
Total	56	125	88	1	269	14	249	63	2	326	17	125	15	0	157	90	277	22	1	389	4	1141	1145
21:00	11	28	30	0	69	7	50	9	1	66	5	20	4	0	29	31	69	6	2	106	3	270	273
21:15	13	34	29	1	76	0	55	11	2	66	3	20	3	0	26	27	72	8	0	107	3	275	278
21:30	9	23	13	0	45	4	58	12	0	74	3	14	3	0	20	22	65	10	0	97	0	236	236
21:45	10	25	20	0	55	3	55	13	0	71	5	16	3	0	24	24	66	9	0	99	0	249	249
Total	43	110	92	1	245	14	218	45	3	277	16	70	13	0	99	104	272	33	2	409	6	1030	1036
Grand Total	113	300	229	181	6435	307	540	132	254	7039	461	268	373	77	3516	217	648	698	202	9356	714	26346	27060
Approch %	17.6	46.8	35.7			4.4	76.8	18.8		26.7	13.1	76.3	10.6		13.3	23.2	69.3	7.5		35.5	2.6	97.4	
Total %	4.3	11.4	8.7		24.4	1.2	20.5	5.0			1.7	10.2	1.4			8.2	24.6	2.6					

Multiway Stop Warrant Analysis
TMC 0117 CSAH 7@ CSAH 116 (Industry Ave.)
Speed Limit of Major Roadway..... 45

Minimum Traffic Volumes Multiway Stop Warrant Criteria:

- a) The total vehicular volume entering the intersection from all approaches must average at least 500 vehicles per hour (vph) for any 8 hours of an average day, AND:
- b) The combined vehicular and pedestrian volume from the minor street or highway must average at least 200 vph for the same 8 hours, with an average delay to minor street vehicular traffic of at least 30 seconds per vehicle during the maximum hour, BUT:
- c) When the 85-percentile approach speed of the major street traffic exceeds 40 miles per hour, the minimum volume warrant is 70% of the above requirements.

Hour	Total Vehicular Traffic Entering the Intersection	Vehicular Traffic Entering on First Minor Roadway	Vehicular Traffic Entering on Second Minor Roadway	Sum of Minor Approaches	Hours Stop Warrant Met
6 AM - 7 AM	1928	194	382	576	1
7 AM - 8 AM	2161	297	396	693	1
8 AM - 9 AM	1723	256	320	576	1
9 AM - 10 AM	1293	239	255	494	1
10 AM - 11 AM	1262	246	255	501	1
11 AM - 12 PM	1487	350	316	666	1
12 PM - 13 PM	1563	389	303	692	1
1 PM - 2 PM	1613	445	257	702	1
2 PM - 3 PM	1751	443	413	856	1
3 PM - 4 PM	2466	606	450	1056	1
4 PM - 5 PM	2867	738	304	1042	1
5 PM - 6 PM	2916	783	614	1397	1
6 PM - 7 PM	2677	621	532	1153	1
7 PM - 8 PM	1883	492	404	896	1
8 PM - 9 PM	1550	437	276	713	1
9 PM - 10 PM	1450	413	270	683	1

TOTAL HOURS MET: 16

MULTIWAY STOP WARRANT IS MET

Major Street Approaches:

Eastbound:

CSAH 14
 Data File: C:\Program Files\PCwarrants\TMC0120.war
 Count Type: IMC. Channel: 0. Count Date: 7/ 2/ 1
 Number of Lanes: 2
 Approach Speed: 35
 Total Approach Traffic: 9356

Westbound:

CSAH 14
 Data File: C:\Program Files\PCwarrants\TMC0120.war
 Count Type: IMC. Channel: 0. Count Date: 7/ 2/ 1
 Number of Lanes: 2
 Approach Speed: 35
 Total Approach Traffic: 7039

Minor Street Approaches:

Northbound:

CSAH 7
 Data File: C:\Program Files\PCwarrants\TMC0120.war
 Count Type: IMC. Channel: 0. Count Date: 7/ 2/ 1
 Number of Lanes: 2
 Approach Speed: 35
 Total Approach Traffic: 3516

Southbound:

CSAH 7
 Data File: C:\Program Files\PCwarrants\TMC0120.war
 Count Type: IMC. Channel: 0. Count Date: 7/ 2/ 1
 Number of Lanes: 2
 Approach Speed: 35
 Total Approach Traffic: 6435

Analysis of 8-Hour Volume Warrants (Criteria refers to high volume side street for that hour):

Hour	Main (Total)	Side			Warrant 1		Warrant 2		Warrant 8	
		Vol.	Dir.	Rank	Meets?	Criteria	Meets?	Criteria	Meets?	Criteria
0	0	0	S	17		200		100		160
1	0	0	S	18		200		100		160
2	0	0	S	19		200		100		160
3	0	0	S	20		200		100		160
4	0	0	S	21		200		100		160
5	0	0	S	22		200		100		160
6	508	323	S	13	SIDE	200	SIDE	100	SIDE	160
7	711	402	S	9	--BOTH--	200	SIDE	100	SIDE	160
8	778	375	S	11	--BOTH--	200	SIDE	100	--BOTH--	160
9	885	416	S	8	--BOTH--	200	SIDE	100	--BOTH--	160
10	1043	374	S	12	--BOTH--	200	--BOTH--	100	--BOTH--	160
11	1159	437	S	7	--BOTH--	200	--BOTH--	100	--BOTH--	160
12	1220	503	S	1	--BOTH--	200	--BOTH--	100	--BOTH--	160
13	1222	492	S	3	--BOTH--	200	--BOTH--	100	--BOTH--	160
14	1318	466	S	6	--BOTH--	200	--BOTH--	100	--BOTH--	160
15	1442	468	S	5	--BOTH--	200	--BOTH--	100	--BOTH--	160
16	1545	503	S	2	--BOTH--	200	--BOTH--	100	--BOTH--	160
17	1253	476	S	4	--BOTH--	200	--BOTH--	100	--BOTH--	160
18	1073	391	S	10	--BOTH--	200	--BOTH--	100	--BOTH--	160
19	837	295	S	14	--BOTH--	200	SIDE	100	--BOTH--	160
20	715	269	S	15	--BOTH--	200	SIDE	100	SIDE	160
21	686	245	S	16	--BOTH--	200	SIDE	100	SIDE	160
22	0	0	S	23		200		100		160
23	0	0	S	24		200		100		160

Warrant Summary:

Minimum values apply.

A high-volume minor approach is wide enough for two lanes. Re-striping may be desirable.

Warrant 1 - Minimum Vehicular Volumes

SATISFIED for 15 hours. Criteria--Main St.: 600; Side St.: See Volume Summary.

Warrant 2 - Interruption of Continuous Traffic

SATISFIED for 9 hours. Criteria--Main St.: 900; Side St.: See Volume Summary.

Warrant 3 - Minimum Pedestrian Volumes

NOT SATISFIED. Ped volumes too low. Criteria--190 Peds in peak hour, 100 peds in 4th high hour.

Warrant 4 - School Crossing

NOT APPLICABLE. Gap data has not been defined.

Warrant 5 - Progressive Movement

NOT SATISFIED. Adjacent signals closer than 1000 feet and/or not part of coordinated system.

Warrant 6 - Accident Experience

NOT SATISFIED. 0 correctable accidents is fewer than required 5.
Correctable Accidents: 0; Right Angle Accidents: 0; Left Turn Accidents: 0; Other Accidents: 0.

Warrant 7 - Systems Warrant

SATISFIED. Peak hour total entering volume: 2338. Approaches on both streets satisfy one of the following criteria:
NSEW- Approaches which are part of the principal through traffic roadway network.
- Approaches which include rural or suburban highways outside, entering or traversing a city.
- Approaches which appear as a major route in an official transportation plan.

Warrant 8 - Combination of Warrants

SATISFIED for 12 hours. Criteria--Main: 720; Side: See Volume Summary.

Warrant 9 - Four Hour Volumes

SATISFIED for 13 hours.

Warrant 10 - Peak Hour Delay

NOT APPLICABLE. Volume requirements satisfied, but side street peak hour delay not defined.
Criteria--Main St.: 800 (4 approaches), 650 (3 approaches); Side St.: 150.

Warrant 11 - Peak Hour Volume

SATISFIED for 9 hours.

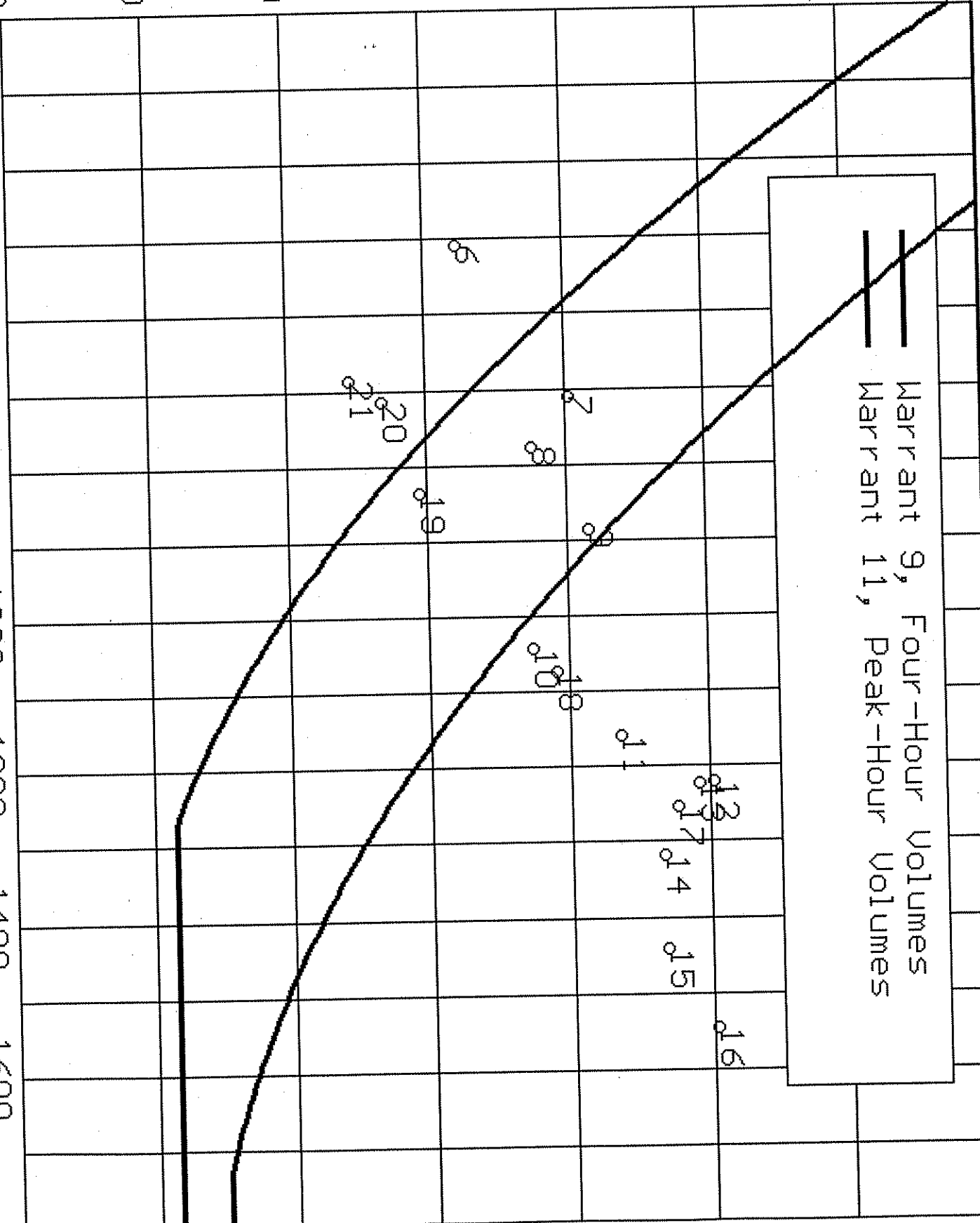
Minor St. High Vol. Approach (UPH)

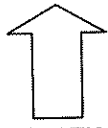
600
500
400
300
200
100
0

200 400 600 800 1000 1200 1400 1600

Warrant 9, Four-Hour Volumes
Warrant 11, Peak-Hour Volumes

Major St. Total of Both Approaches (UPH)





COUNT LOCATION:

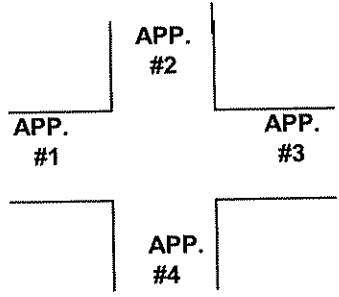
CSAH 7 @

DATE:

7/2/01

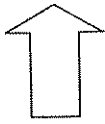
CSAH 14

NORTH
APP. #1 = CSAH 14
APP. #2 = CSAH 7
APP. #3 = CSAH 14
APP. #4 = CSAH 7



- 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		2
6:15-6:30	2				2	5		3
6:30-6:45						2		1
6:45-7:00						10		2
HOURLY TOTAL					2	HOURLY TOTAL		32
7:00-7:15						7		1
7:15-7:30						6		1
7:30-7:45						12		3
7:45-8:00				1	1	11		1
HOURLY TOTAL					1	HOURLY TOTAL		42
8:00-8:15						15		
8:15-8:30						16		1
8:30-8:45		3			3	17		5
8:45-9:00			1		1	16		1
HOURLY TOTAL					4	HOURLY TOTAL		71
9:00-9:15						20		
9:15-9:30		3			3	14		1
9:30-9:45		1	1		2	17		3
9:45-10:00						13	1	1
HOURLY TOTAL					5	HOURLY TOTAL		70
10:00-10:15		1			1	16		
10:15-10:30			1		1	11		1
10:30-10:45						14	1	2
10:45-11:00						20		1
HOURLY TOTAL					2	HOURLY TOTAL		66
11:00-11:15		1		1	2	14		
11:15-11:30		3			3	13	1	3
11:30-11:45	1	1			2	12		3
11:45-12:00		4			4	18		1
HOURLY TOTAL					11	HOURLY TOTAL		65
12:00-12:15				2	2	14		1
12:15-12:30	2	1	1	1	5	12		2
12:30-12:45						21		2
12:45-1:00						10		1
HOURLY TOTAL					7	HOURLY TOTAL		63
1:00-1:15	4				4	16		
1:15-1:30	3			2	5	15		3
1:30-1:45				1	1	14		1
1:45-2:00		1			1	15		1
HOURLY TOTAL					11	HOURLY TOTAL		65



NORTH

APP. #1 = CSAH 14
APP. #2 = CSAH 7
APP. #3 = CSAH 14
APP. #4 = CSAH 7

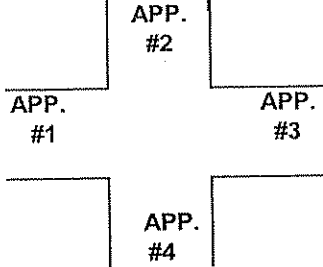
COUNT LOCATION: _____

CSAH 7 @ _____

DATE: _____

7/2/01

CSAH 14



- 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	1		2	2	5	13		
2:15-2:30	1					8		
2:30-2:45	1		2	2	5	8		2
2:45-3:00		1			1	7		2
HOURLY TOTAL					11	HOURLY TOTAL		40
3:00-3:15			5		5	7		
3:15-3:30						10		2
3:30-3:45						12		3
3:45-4:00	1				1	6	1	
HOURLY TOTAL					6	HOURLY TOTAL		41
4:00-4:15			2		2	7		
4:15-4:30		1		1	2	9		2
4:30-4:45						7		3
4:45-5:00						6		2
HOURLY TOTAL					4	HOURLY TOTAL		36
5:00-5:15			3		3	9		
5:15-5:30			2		2	8		2
5:30-5:45						9		2
5:45-6:00	3		1		4	3		1
HOURLY TOTAL					9	HOURLY TOTAL		34
6:00-6:15						11		1
6:15-6:30						2		1
6:30-6:45						1		1
6:45-7:00	1				1	2		1
HOURLY TOTAL					1	HOURLY TOTAL		20
7:00-7:15		1			1	7		
7:15-7:30								
7:30-7:45						2		1
7:45-8:00						6		
HOURLY TOTAL					1	HOURLY TOTAL		16
8:00-8:15	1		5		6	1		
8:15-8:30								
8:30-8:45								
8:45-9:00				2	2	3		
HOURLY TOTAL					8	HOURLY TOTAL		4
9:00-9:15						3		
9:15-9:30						3		
9:30-9:45								1
9:45-10:00								
HOURLY TOTAL						HOURLY TOTAL		7