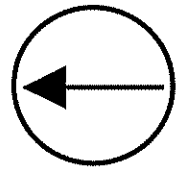


Date : 11/02/99AM 11/02/99PM

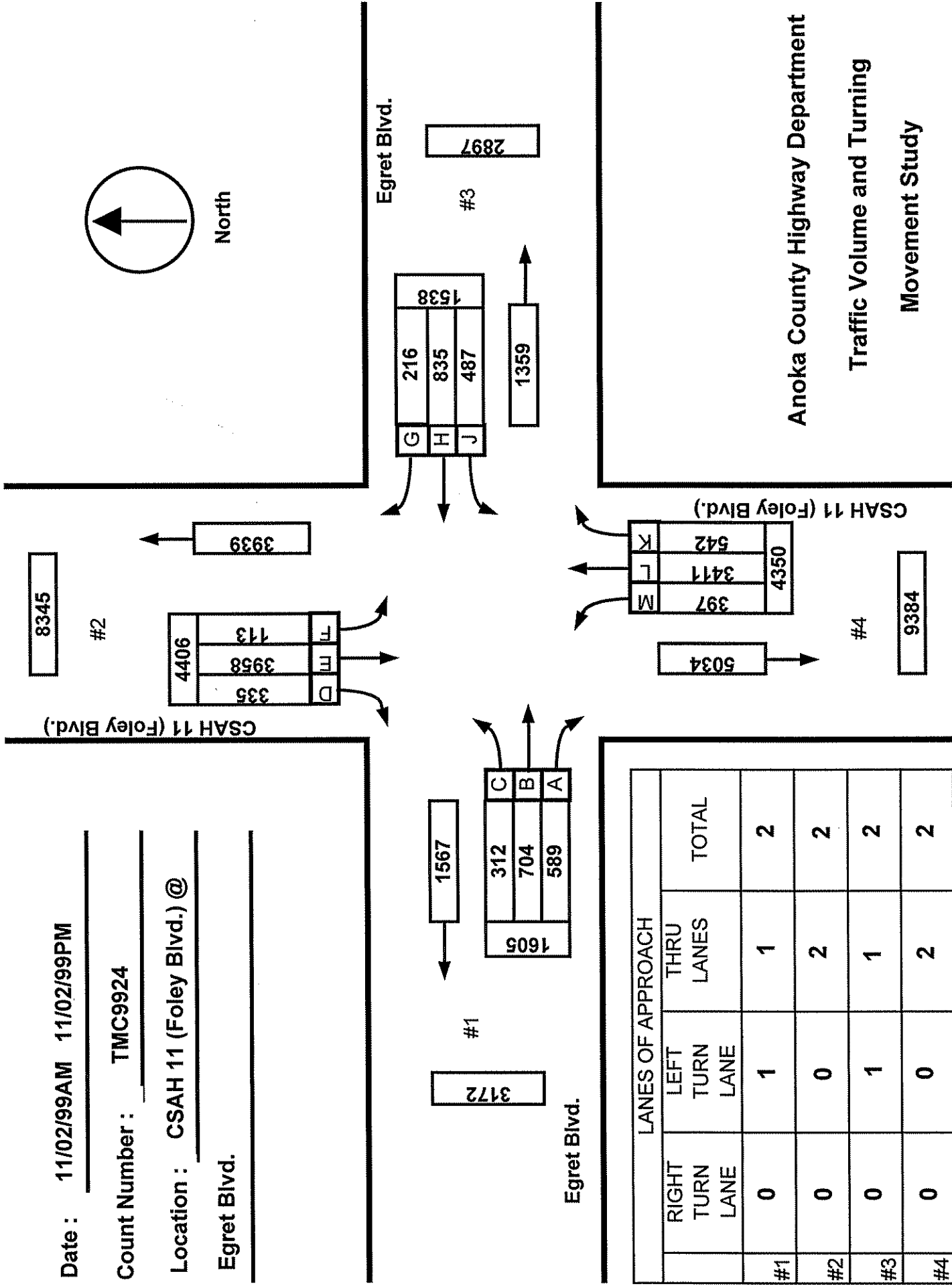
Count Number : TMC9924

Location : CSAH 11 (Foley Blvd.) @

Egret Blvd.



North



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

Anoka County Highway Department  
 Traffic Volume and Turning  
 Movement Study

# Anoka County Highway Department Traffic Volume & Turning Movement Study

Weather  
Counter TDC-8  
Counted by Randy and Josie

File Name : TMC9924  
Site Code : 99240101  
Start Date : 11/02/1999  
Page No : 1

Groups Printed Unshifted

Start Time	CSAH 11 (Foley Blvd) Southbound				Egret Blvd. Westbound				CSAH 11 (Foley Blvd) Northbound				Egret Blvd. Eastbound				Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Heavy	Left	Thru	Right	Heavy	Left	Thru	Right	Heavy	Left	Thru	Right	Heavy			
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	212	0	1	25	3	0	0	4	11	2	1	2	7	33	1	3	300	303
06:15	3	277	9	2	21	6	2	2	2	17	7	1	6	17	35	1	6	402	408
06:30	5	292	9	4	32	25	3	0	3	27	2	2	8	20	49	2	8	475	483
06:45	3	315	8	4	44	25	1	0	4	41	3	2	2	20	26	2	8	492	500
Total	12	1096	26	11	122	59	6	2	13	96	14	6	18	64	143	6	25	1669	1694
07:00	4	276	11	5	36	23	2	3	6	40	9	1	3	23	34	2	11	467	478
07:15	7	340	10	5	30	27	1	1	8	66	4	1	10	22	30	0	7	555	562
07:30	4	288	14	5	25	29	4	2	1	46	4	2	7	32	49	3	12	503	515
07:45	3	255	16	5	26	29	0	3	8	33	6	1	8	33	31	6	15	448	463
Total	18	1159	51	20	117	108	7	9	23	185	23	5	28	110	144	11	45	1973	2018
08:00	4	192	13	1	25	29	1	2	9	67	8	7	13	18	34	6	16	413	429
08:15	4	162	9	9	11	14	5	3	5	36	10	4	8	27	27	1	17	318	335
08:30	6	130	7	6	19	14	4	1	2	40	10	4	6	12	31	1	12	281	293
08:45	4	130	12	4	6	20	6	3	5	45	7	2	13	19	17	4	13	284	297
Total	18	614	41	20	61	77	16	9	21	188	35	17	40	76	109	12	58	1296	1354
15:30	4	96	16	4	16	33	11	1	22	217	30	5	12	37	25	3	13	519	532
15:45	6	86	16	1	12	53	14	2	21	205	36	3	10	38	18	2	8	515	523
Total	10	182	32	5	28	86	25	3	43	422	66	8	22	75	43	5	21	1034	1055
16:00	5	82	20	5	13	37	9	0	26	218	48	2	21	32	13	2	9	524	533
16:15	7	75	18	0	23	52	23	6	25	242	37	3	15	33	18	2	11	568	579
16:30	3	106	20	1	14	54	22	0	19	240	44	8	22	53	14	0	9	611	620
16:45	5	92	14	1	15	55	19	0	43	306	33	4	18	43	13	2	7	656	663
Total	20	355	72	7	65	198	73	6	113	1006	162	17	76	161	58	6	36	2359	2395
17:00	5	79	19	3	16	56	19	2	25	282	48	0	25	42	16	4	9	632	641
17:15	3	102	18	2	17	53	18	2	35	253	36	2	18	47	14	4	10	614	624
17:30	3	104	11	1	12	44	13	0	35	314	45	2	30	42	18	0	3	671	674
17:45	8	91	23	1	21	45	14	0	26	283	47	2	25	39	16	2	5	638	643
Total	19	376	71	7	66	198	64	4	121	1132	176	6	98	170	64	10	27	2555	2582
18:00	9	88	26	1	14	61	16	0	35	201	44	0	15	28	9	0	1	546	547
18:15	7	88	16	1	14	48	9	2	28	181	22	3	15	20	19	0	6	467	473
Grand Total	113	3958	335	72	487	835	216	35	397	3411	542	62	312	704	589	50	219	11899	12118
Approch %	2.6	89.8	7.6		31.7	54.3	14.0		9.1	78.4	12.5		19.4	43.9	36.7				
Total %	0.9	33.3	2.8		4.1	7.0	1.8		3.3	28.7	4.6		2.6	5.9	4.9		1.8	98.2	

Major Street Approaches:

Northbound:

CSAH 11 (Foley Blvd)

Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC9924.war  
 Count Type: IMC. Channel: 0. Count Date: 11/ 2/99  
 Number of Lanes: 2  
 Approach Speed: 40  
 Total Approach Traffic: 4350

Southbound:

CSAH 11 (Foley Blvd)

Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC9924.war  
 Count Type: IMC. Channel: 0. Count Date: 11/ 2/99  
 Number of Lanes: 2  
 Approach Speed: 40  
 Total Approach Traffic: 4406

Minor Street Approaches:

Eastbound:

Egret Blvd.

Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC9924.war  
 Count Type: IMC. Channel: 0. Count Date: 11/ 2/99  
 Number of Lanes: 2  
 Approach Speed: 0  
 Total Approach Traffic: 1605

Westbound:

Egret Blvd.

Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC9924.war  
 Count Type: IMC. Channel: 0. Count Date: 11/ 2/99  
 Number of Lanes: 2  
 Approach Speed: 0  
 Total Approach Traffic: 1538

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	W	8		200		100		160
1	0	0	W	9		200		100		160
2	0	0	W	10		200		100		160
3	0	0	W	11		200		100		160
4	0	0	W	12		200		100		160
5	0	0	W	13		200		100		160
6	1257	225	E	4	--BOTH--	200	--BOTH--	100	--BOTH--	160
7	1459	282	E	3	--BOTH--	200	--BOTH--	100	--BOTH--	160
8	917	225	E	5	--BOTH--	200	--BOTH--	100	--BOTH--	160
9	0	0	W	14		200		100		160
10	0	0	W	15		200		100		160
11	0	0	W	16		200		100		160
12	0	0	W	17		200		100		160
13	0	0	W	18		200		100		160
14	0	0	W	19		200		100		160
15	755	140	E	7	MAIN	200	SIDE	100	MAIN	160
16	1728	336	W	1	--BOTH--	200	--BOTH--	100	--BOTH--	160
17	1895	332	E	2	--BOTH--	200	--BOTH--	100	--BOTH--	160
18	745	162	W	6	MAIN	200	SIDE	100	--BOTH--	160
19	0	0	W	20		200		100		160
20	0	0	W	21		200		100		160
21	0	0	W	22		200		100		160
22	0	0	W	23		200		100		160
23	0	0	W	24		200		100		160

## Warrant Summary:

Urban values apply.

## Warrant 1 - Minimum Vehicular Volumes

NOT SATISFIED. Required values reached for 5 hours. Criteria--Main St.: 600; Side St.: See Volume Summary.

## Warrant 2 - Interruption of Continuous Traffic

NOT SATISFIED. Required values reached for 5 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

NOT SATISFIED. At least one street has no major approaches. Peak hour total entering volume: 2555.

- 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

NOT SATISFIED. Required values reached for 6 hours. Criteria--Main: 720; Side: See Volume Summary.

## Warrant 9 - Four Hour Volumes

SATISFIED for 5 hours.

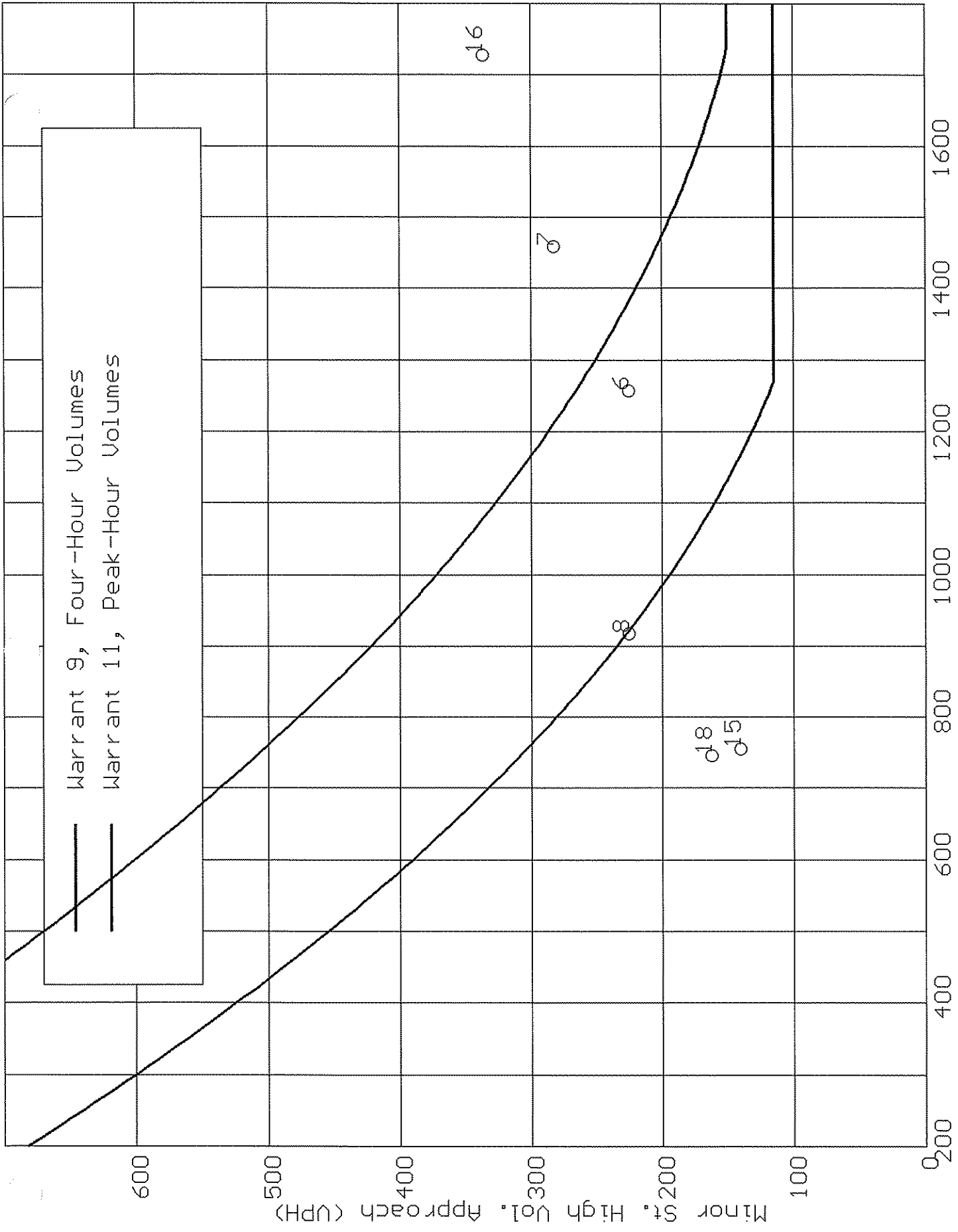
## Warrant 10 - Peak Hour Delay

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 3 hours.



Major St. Total of Both Approaches (UPH)



**NORTH**

APP. #1=NB CSAH 11  
(Foley Blvd)  
APP. #2 =EB Egret Blvd.  
APP. #3= SB CSAH 11  
(Foley Blvd)  
APP. #4=WB Egret Blvd.

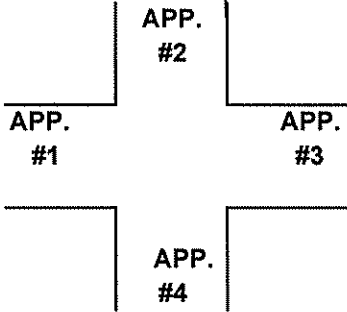
**COUNT LOCATION:**

CSAH 11 (Foley Blvd) @

**DATE:**

11/2/99

**Egret Blvd.**



- 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		2
6:15-6:30						3		3
6:30-6:45						5		2
6:45-7:00						3		4
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>23</b>
7:00-7:15						6		4
7:15-7:30						2		4
7:30-7:45				2	2	5		5
7:45-8:00				4	4	1		13
<b>HOURLY TOTAL</b>					<b>6</b>	<b>HOURLY TOTAL</b>		<b>40</b>
8:00-8:15						7		8
8:15-8:30				1	1	6	1	8
8:30-8:45				1	1	9	1	7
8:45-9:00						5		1
<b>HOURLY TOTAL</b>					<b>2</b>	<b>HOURLY TOTAL</b>		<b>53</b>

3:30-3:45						10		3
3:45-4:00						1		6
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>20</b>
4:00-4:15						6		1
4:15-4:30						2		3
4:30-4:45								1
4:45-5:00						3		2
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>18</b>
5:00-5:15						8		
5:15-5:30						2		
5:30-5:45						2		2
5:45-6:00						3		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>18</b>
6:00-6:15						3		1
6:15-6:30								1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>27</b>