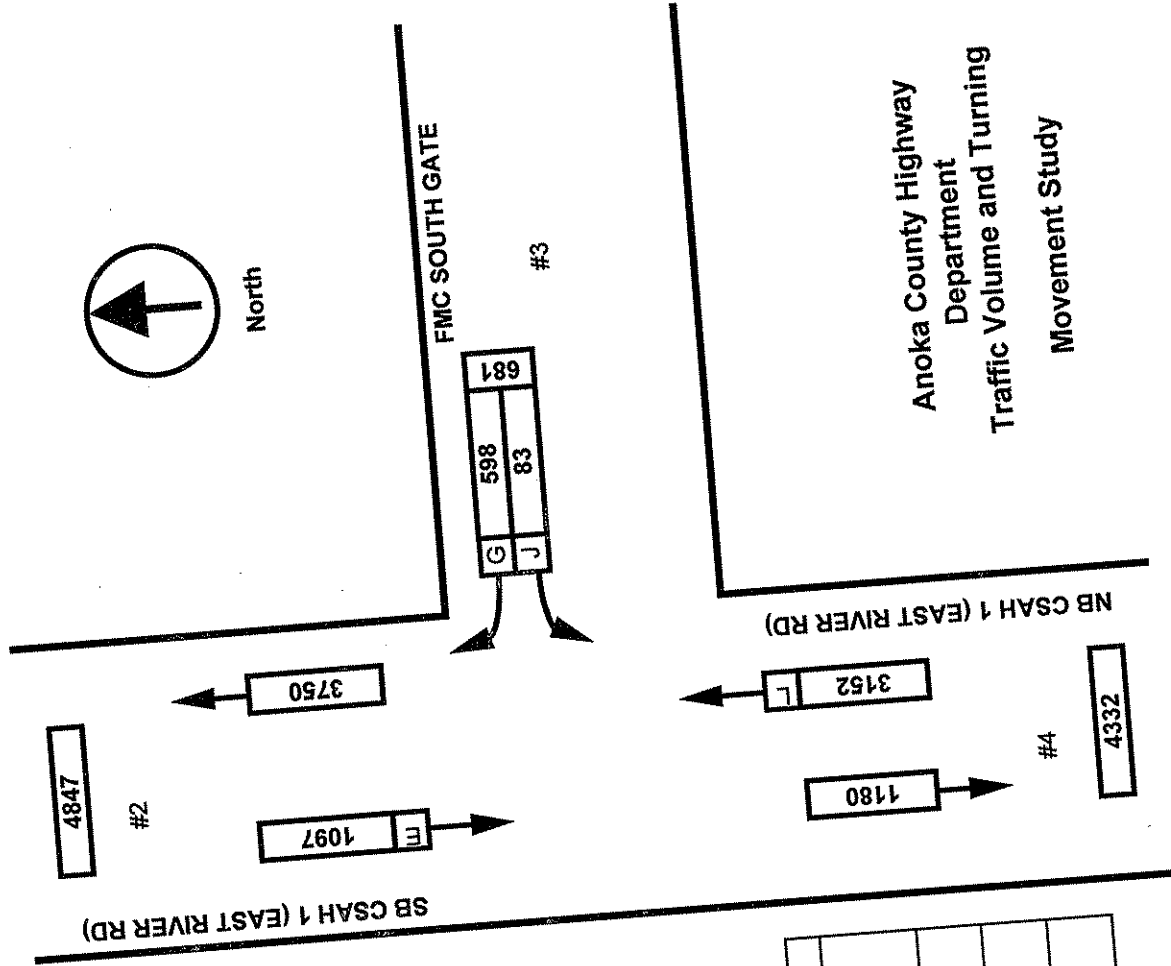


Date : 2/18/98 (2-6PM)

Count Number : TMC9801

Location CSAH 1 (EAST RIVER RD) @

FMC SOUTH GATE



Anoka County Highway  
Department  
Traffic Volume and Turning  
Movement Study

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

Weather :  
 Counted by: Dick and Josie  
 Board # :  
 Cher :

Vehicle group 1

Start Time	CSAH 1 (EAST RIVER RD) Southbound			FMC SOUTH GATE Westbound			CSAH 1 (EAST RIVER RD) Northbound			Intrvl. Total	Exclude Total	Include Total
	Left	Thru	Other	Left	Right	Other	Thru	Right	Other			
02/18/98												
14:00	0	59	12	1	4	0	76	0	9	161	21	140
14:15	0	76	14	0	9	0	117	0	10	226	24	202
14:30	0	92	12	2	44	0	69	0	9	228	21	207
14:45	0	103	8	4	42	0	124	0	13	294	21	273
Hour	0	330	46	7	99	0	386	0	41	909	87	822
15:00	0	65	13	3	29	0	102	0	10	222	23	199
15:15	0	57	7	7	18	0	199	0	15	303	22	281
15:30	0	51	6	9	40	0	138	0	8	252	14	238
15:45	0	64	5	14	71	0	279	0	9	442	14	428
Hour	0	237	31	33	158	0	718	0	42	1219	73	1146
16:00	0	76	9	2	39	0	234	0	3	363	12	351
16:15	0	63	5	13	74	0	214	0	11	380	16	364
16:30	0	59	7	6	76	0	237	0	3	388	10	378
16:45	0	78	4	8	48	0	297	0	7	442	11	431
Hour	0	276	25	29	237	0	982	0	24	1573	49	1524
17:00	0	69	3	7	29	0	315	0	11	434	14	420
17:15	0	63	4	2	28	0	288	0	7	392	11	381
17:30	0	64	3	4	21	0	260	0	5	357	8	349
17:45	0	58	1	1	26	0	203	0	5	294	6	288
Hour	0	254	11	14	104	0	1066	0	28	1477	39	1438
Total	0	1097	113	83	598	0	3152	0	135	5178	248	4930
% Apr.	-	90.6	9.3	12.1	87.8	-	95.8	-	4.1	-	-	-
% Int.	-	21.1	2.1	1.6	11.5	-	60.8	-	2.6	-	-	-

Major Street Approaches:

Northbound:

CSAH 1 (EAST RIVER RD)

Data File: C:\APPS\PETRA2\DATAFILE\TMC9801.PDF  
 Count Type: IMC. Channel: 0. Count Date: 2/18/98  
 Number of Lanes: 2  
 Approach Speed: 55  
 Total Approach Traffic: 3156

Southbound:

CSAH 1 (EAST RIVER RD)

Data File: C:\APPS\PETRA2\DATAFILE\TMC9801.PDF  
 Count Type: IMC. Channel: 0. Count Date: 2/18/98  
 Number of Lanes: 2  
 Approach Speed: 55  
 Total Approach Traffic: 1097

Minor Street Approaches:

Eastbound:

FMC SOUTH GATE

Data File: C:\APPS\PETRA2\DATAFILE\TMC9801.PDF  
 Count Type: IMC. Channel: 0. Count Date: 2/18/98  
 Number of Lanes: 1  
 Approach Speed: 0  
 Total Approach Traffic: 0

Westbound:

FMC SOUTH GATE

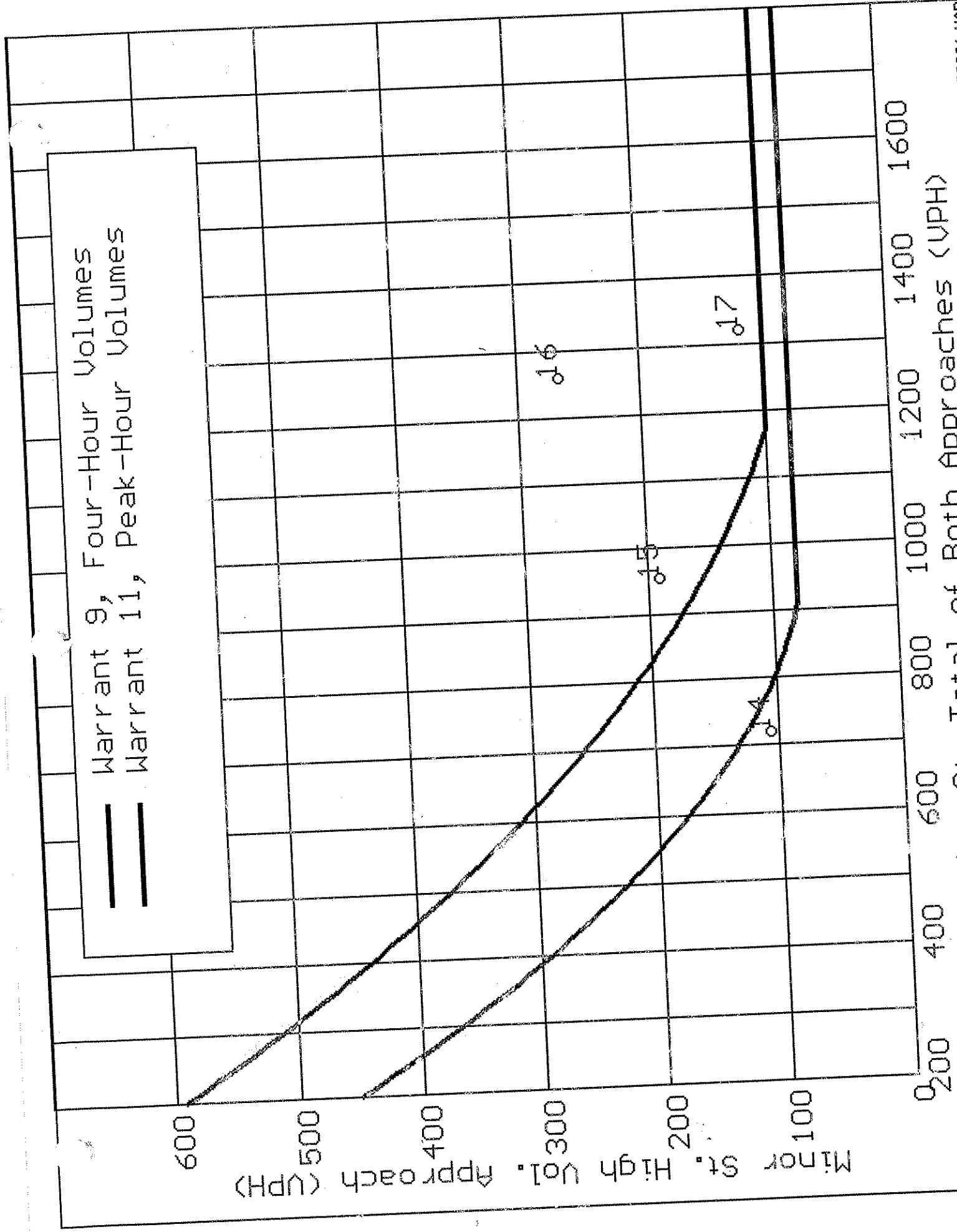
Data File: C:\APPS\PETRA2\DATAFILE\TMC9801.PDF  
 Count Type: IMC. Channel: 0. Count Date: 2/18/98  
 Number of Lanes: 2  
 Approach Speed: 0  
 Total Approach Traffic: 681

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

Hour	Main	Side	Rank	Warrant 1	Warrant 2	Warrant 8
Begin	(Total)	Vol. Dir.		Meets? Criteria	Meets? Criteria	Meets? Criteria
0	0	0 W	5	140	70	112
1	0	0 W	6	140	70	112
2	0	0 W	7	140	70	112
3	0	0 W	8	140	70	112
4	0	0 W	9	140	70	112
5	0	0 W	10	140	70	112
6	0	0 W	11	140	70	112
7	0	0 W	12	140	70	112
8	0	0 W	13	140	70	112
9	0	0 W	14	140	70	112
10	0	0 W	15	140	70	112
11	0	0 W	16	140	70	112
12	0	0 W	17	140	70	112
13	0	0 W	18	140	70	112
14	720	106 W	4	MAIN 140	--BOTH-- 70	MAIN 112
15	955	191 W	2	--BOTH-- 140	--BOTH-- 70	--BOTH-- 112
16	1258	266 W	1	--BOTH-- 140	--BOTH-- 70	--BOTH-- 112
17	1320	118 W	3	MAIN 140	--BOTH-- 70	--BOTH-- 112
18	0	0 W	19	140	70	112
19	0	0 W	20	140	70	112
20	0	0 W	21	140	70	112
21	0	0 W	22	140	70	112
22	0	0 W	23	140	70	112
23	0	0 W	24	140	70	112

Warrant Summary:  
Rural values apply.

- Warrant 1 - Minimum Vehicular Volumes  
NOT SATISFIED. Required values reached for 2 hours. Criteria--Main St.: 420; Side St.: See Volume Summary.
- Warrant 2 - Interruption of Continuous Traffic  
NOT SATISFIED. Required values reached for 4 hours. Criteria--Main St.: 630; 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: 1524.  
- 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 3 hours. Criteria--Main: 504; Side: See Volume Summary.
- Warrant 9 - Four Hour Volumes  
NOT SATISFIED. Required values reached for 3 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.





COUNT LOCATION: CSAH 1 (EAST RIVER RD) @  
FMC SOUTH GATE

DATE: 2/18/98

APP. #1=NB CSAH 1  
(EAST RIVER RD)  
APP. #2 =WB FMC  
SOUTH GATE  
APP. #3=SB CSAH 1  
(EAST RIVER RD)

APP. #1      APP. #2      APP. #3

- 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						22		
2:15-2:30						24		
2:30-2:45						23		1
2:45-3:00						20		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>91</b>
3:00-3:15						22		
3:15-3:30						21		1
3:30-3:45						13		1
3:45-4:00						12		2
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>72</b>
4:00-4:15						13		
4:15-4:30						15		1
4:30-4:45						6		3
4:45-5:00						10		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>49</b>
5:00-5:15						13		1
5:15-5:30						7		2
5:30-5:45						6		1
5:45-6:00						6		3
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>39</b>
6:00-6:15								
6:15-6:30								
6:30-6:45								
6:45-7:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
7:00-7:15								
7:15-7:30								
7:30-7:45								
7:45-8:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
8:00-8:15								
8:15-8:30								
8:30-8:45								
8:45-9:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
9:00-9:15								
9:15-9:30								
9:30-9:45								
9:45-10:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		