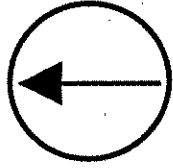


Date : 5/1/00 AM 5/1/00 PM

Count Number : TMC0002

Location : CSAH 7 (7th Ave.) @

38th Ave.



North

38th Ave.

#1

1834

878	C	93
	B	309
	A	476

School Entrance

CSAH 7 (7th Ave.)

#2

4864

68	D	3218	53
	E		
	F		
3339			

1525

#3

2163

39	G	1317
484	H	
794	J	

846

CSAH 7 (7th Ave.)

#4

4488

404	M	1393	484
	L		
	K		
2281			

6769

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

Anoka County Highway Department

Traffic Volume and Turning

Movement Study

Major Street Approaches:

Northbound:

CSAH 7 (7TH AVE)

Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC0002.war
 Count Type: IMC. Channel: 0. Count Date: 5/ 1/ 0
 Number of Lanes: 2
 Approach Speed: 40
 Total Approach Traffic: 2281

Southbound:

CSAH 7 (7TH AVE)

Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC0002.war
 Count Type: IMC. Channel: 0. Count Date: 5/ 1/ 0
 Number of Lanes: 2
 Approach Speed: 40
 Total Approach Traffic: 3339

Minor Street Approaches:

Eastbound:

HIGH SCHOOL

Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC0002.war
 Count Type: IMC. Channel: 0. Count Date: 5/ 1/ 0
 Number of Lanes: 2
 Approach Speed: 0
 Total Approach Traffic: 878

Westbound:

38TH AVE

Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC0002.war
 Count Type: IMC. Channel: 0. Count Date: 5/ 1/ 0
 Number of Lanes: 2
 Approach Speed: 0
 Total Approach Traffic: 1317

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	7		200		100		160
1	0	0	W	8		200		100		160
2	0	0	W	9		200		100		160
3	0	0	W	10		200		100		160
4	0	0	W	11		200		100		160
5	0	0	W	12		200		100		160
6	1250	287	W	3	--BOTH--	200	--BOTH--	100	--BOTH--	160
7	1471	501	W	1	--BOTH--	200	--BOTH--	100	--BOTH--	160
8	901	214	W	4	--BOTH--	200	--BOTH--	100	--BOTH--	160
9	0	0	W	13		200		100		160
10	0	0	W	14		200		100		160
11	0	0	W	15		200		100		160
12	0	0	W	16		200		100		160
13	372	58	W	6		200		100		160
14	991	422	E	2	--BOTH--	200	--BOTH--	100	--BOTH--	160
15	635	81	W	5	MAIN	200		100		160
16	0	0	W	17		200		100		160
17	0	0	W	18		200		100		160
18	0	0	W	19		200		100		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 4 hours. Criteria--Main St.: 600; Side St.: See Volume Summary.

Warrant 2 - Interruption of Continuous Traffic

NOT SATISFIED. Required values reached for 4 hours. Criteria--Main St.: 900; Side St.: See Volume Summary.

Warrant 3 - Minimum Pedestrian Volumes

NOT SATISFIED. 8th-High Hour--Pedestrians: 0. Criteria--Pedestrians: 150; Vehicles: 600.

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: 2250.

- Approaches which are part of the principal through traffic roadway network.
- Approaches which connect areas of principal traffic generation.
- Approaches which include rural or suburban highways outside, entering or traversing a city.
- Approaches which have surface street freeway or expressway ramp terminals.
- Approaches which appear as a major route in an official transportation plan.

Warrant 8 - Combination of Warrants

NOT SATISFIED. Required values reached for 4 hours. Criteria--Main: 720; Side: See Volume Summary.

Warrant 9 - Four Hour Volumes

NOT SATISFIED. Required values reached for 3 hours.

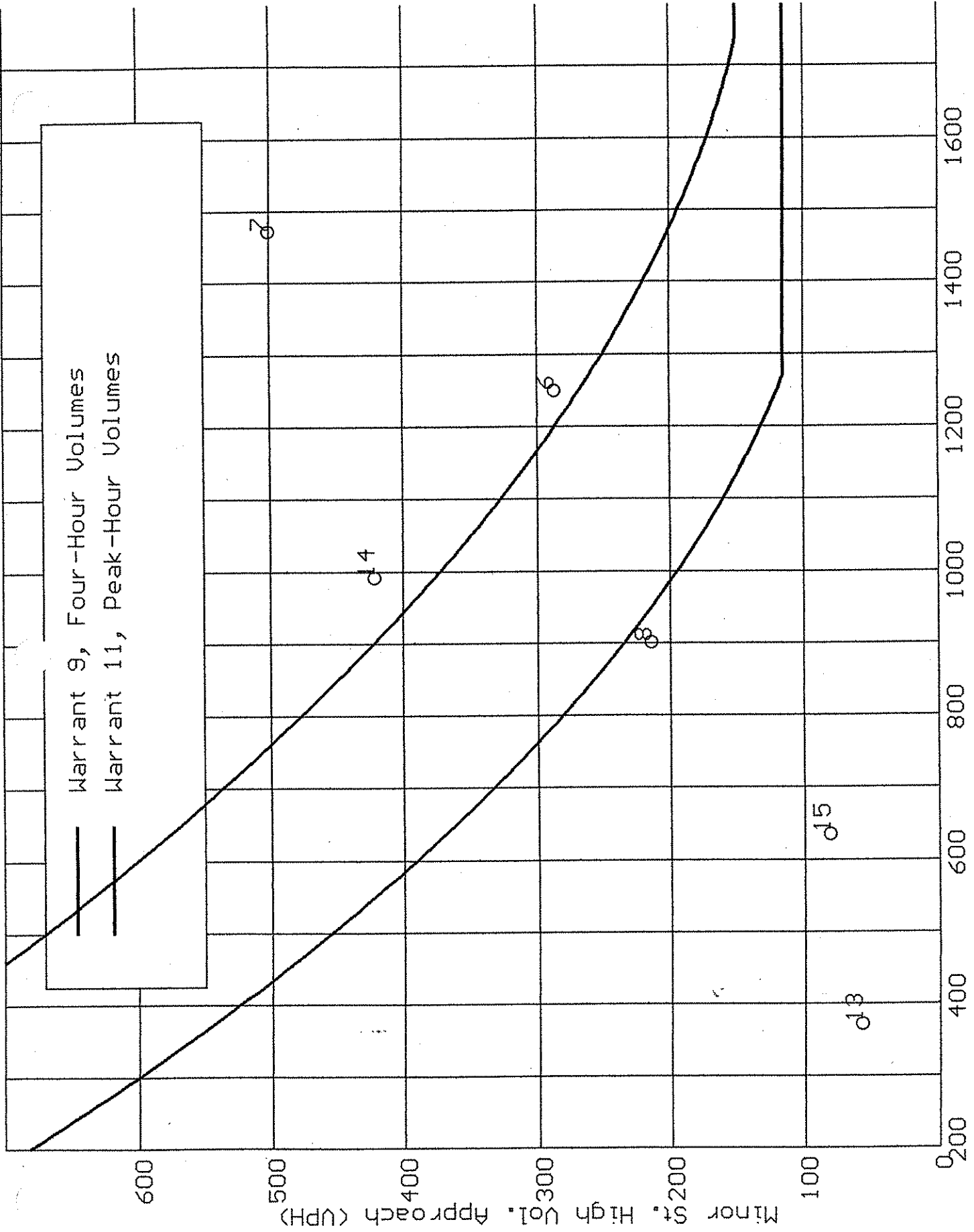
Warrant 10 - Peak Hour Delay

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.



Major St. Total of Both Approaches (UPH)

COUNT LOCATION:

CSAH 7 (7th Ave) @

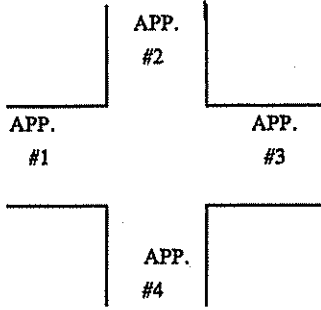
DATE:

5/1/00

Anoka Sr. High Entrance

NORTH

APP. #1 = Anoka Sr. High Entrance
APP. #2 = SB CSAH 7 (7th Ave)
APP. #3 = WB (38th Ave)
APP. #4 = NB CSAH 7 (7th Ave)



- 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						2		2
6:15-6:30						3		10
6:30-6:45				1	1	4		10
6:45-7:00						7		17
HOURLY TOTAL					1	HOURLY TOTAL 55		
7:00-7:15			1		1	9		37
7:15-7:30						3		38
7:30-7:45			1		1	4		15
7:45-8:00						4		4
HOURLY TOTAL					2	HOURLY TOTAL 114		
8:00-8:15						9		9
8:15-8:30				1	1	7		7
8:30-8:45						12		8
8:45-9:00						8		10
HOURLY TOTAL					1	HOURLY TOTAL 70		
9:00-9:15								
9:15-9:30								
9:30-9:45								
9:45-10:00								
HOURLY TOTAL						HOURLY TOTAL		
10:00-10:15								
10:15-10:30								
10:30-10:45								
10:45-11:00								
HOURLY TOTAL						HOURLY TOTAL		
11:00-11:15								
11:15-11:30								
11:30-11:45								
11:45-12:00								
HOURLY TOTAL						HOURLY TOTAL		
12:00-12:15								
12:15-12:30								
12:30-12:45								
12:45-1:00								
HOURLY TOTAL						HOURLY TOTAL		
1:00-1:15								
1:15-1:30								
1:30-1:45						11		8
1:45-2:00						10		20
HOURLY TOTAL						HOURLY TOTAL 49		

COUNT LOCATION:

CSAH 7 (7th Ave) @

DATE:

5/1/00

Anoka Sr. High Entrance

NORTH

APP. #1 = Anoka Sr. High Entrance
APP. #2 = SB CSAH 7 (7th Ave)
APP. #3 = WB (38th Ave)
APP. #4 = NB CSAH 7 (7th Ave)

APP. #2		
APP. #1	APP. #3	
	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						12		22
2:15-2:30			1	3	4	5		45
2:30-2:45						3		10
2:45-3:00				1	1	9		15
HOURLY TOTAL					5	HOURLY TOTAL		121
3:00-3:15				4	4	6		22
3:15-3:30				1	1	8		8
3:30-3:45								
3:45-4:00								
HOURLY TOTAL					5	HOURLY TOTAL		44
4:00-4:15								
4:15-4:30								
4:30-4:45								
4:45-5:00								
HOURLY TOTAL						HOURLY TOTAL		
5:00-5:15								
5:15-5:30								
5:30-5:45								
5:45-6:00								
HOURLY TOTAL						HOURLY TOTAL		
6:00-6:15								
6:15-6:30								
6:30-6:45								
6:45-7:00								
HOURLY TOTAL						HOURLY TOTAL		
7:00-7:15								
7:15-7:30								
7:30-7:45								
7:45-8:00								
HOURLY TOTAL						HOURLY TOTAL		
8:00-8:15								
8:15-8:30								
8:30-8:45								
8:45-9:00								
HOURLY TOTAL						HOURLY TOTAL		
9:00-9:15								
9:15-9:30								
9:30-9:45								
9:45-10:00								
HOURLY TOTAL						HOURLY TOTAL		

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

Weather:
 Counter TDC-8
 Conducted by:

File Name : TMC0002
 Site Code : 00010202
 Start Date : 05/01/2000
 Page No : 2

