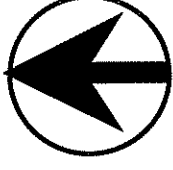


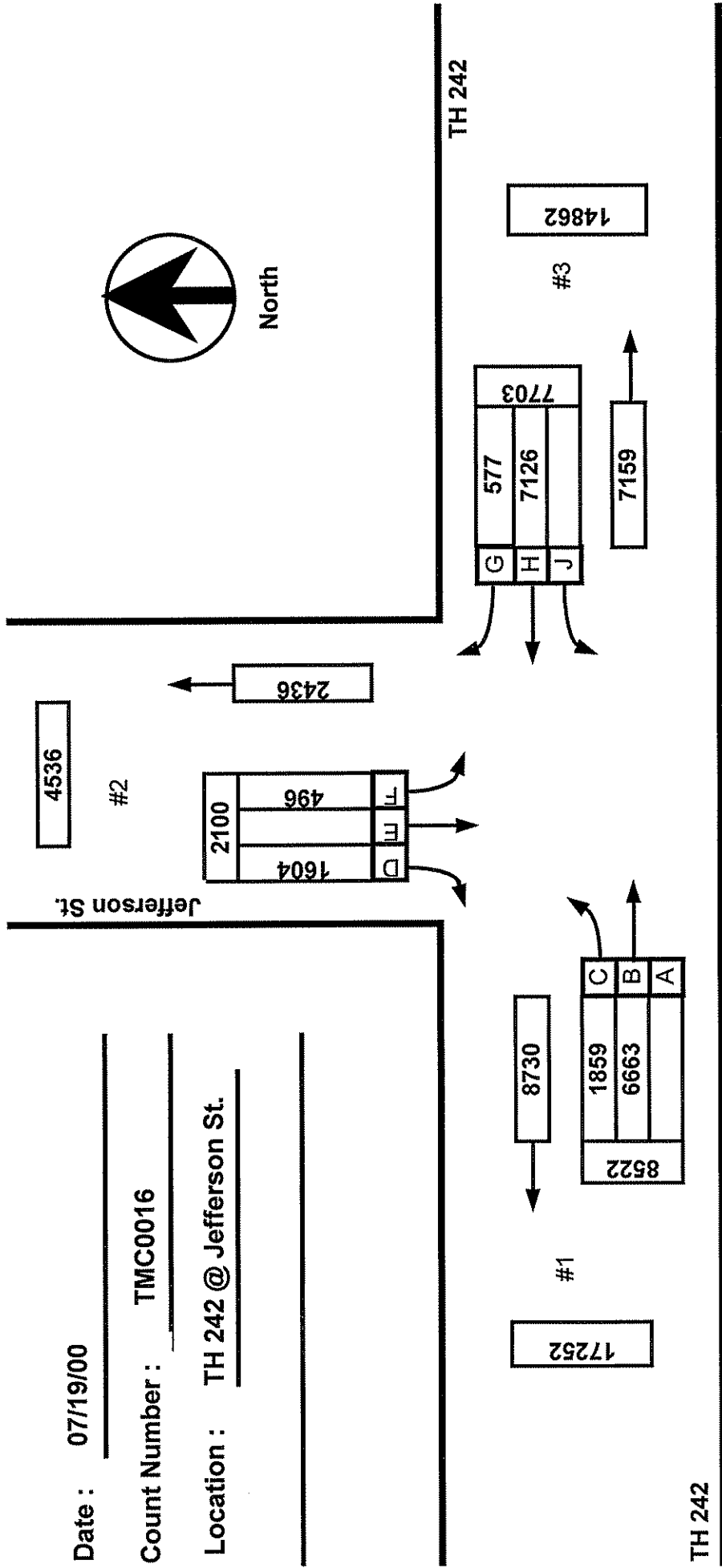
Date : 07/19/00

Count Number : TMC0016

Location : TH 242 @ Jefferson St.



North



TH 242

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

Anoka County Highway Department  
 Traffic Volume and Turning  
 Movement Study



18:00	16	0	35	0	51	0	126	13	1	139	0	0	0	0	0	59	129	0	0	188	1	378	379
18:15	6	0	29	0	35	0	118	5	1	123	0	0	0	0	0	46	162	0	1	208	2	366	368
18:30	5	0	36	0	41	0	116	9	0	125	0	0	0	0	0	58	152	0	0	210	0	376	376
18:45	14	0	15	0	29	0	110	17	0	127	0	0	0	0	0	48	150	0	0	198	0	354	354
Total	41	0	115	0	156	0	470	44	2	514	0	0	0	0	0	211	593	0	1	804	3	1474	1477
19:00	3	0	29	0	32	0	96	10	0	106	0	0	0	0	0	26	121	0	0	147	0	285	285
19:15	7	0	15	0	22	0	96	8	0	104	0	0	0	0	0	23	108	0	0	131	0	257	257
19:30	5	0	14	0	19	0	111	6	1	117	0	0	0	0	0	30	92	0	0	122	1	258	259
19:45	10	0	18	0	28	0	121	4	0	125	0	0	0	0	0	30	68	0	0	98	0	251	251
Total	25	0	76	0	101	0	424	28	1	452	0	0	0	0	0	109	389	0	0	498	1	1051	1052
20:00	10	0	17	0	27	0	112	15	0	127	0	0	0	0	0	35	83	0	0	118	0	272	272
20:15	7	0	25	0	32	0	104	11	0	115	0	0	0	0	0	23	86	0	1	109	1	256	257
20:30	5	0	32	0	37	0	84	15	0	99	0	0	0	0	0	43	81	0	0	124	0	260	260
20:45	6	0	7	0	13	0	88	9	0	97	0	0	0	0	0	26	85	0	0	111	0	221	221
Total	28	0	81	0	109	0	388	50	0	438	0	0	0	0	0	127	335	0	1	462	1	1009	1010
21:00	3	0	24	0	27	0	65	9	0	74	0	0	0	0	0	47	90	0	0	137	0	238	238
21:15	9	0	12	0	21	0	60	8	0	68	0	0	0	0	0	23	80	0	0	103	0	192	192
21:30	2	0	15	0	17	0	63	7	0	70	0	0	0	0	0	30	74	0	0	104	0	191	191
21:45	2	0	16	0	18	0	61	7	0	68	0	0	0	0	0	23	69	0	0	92	0	178	178
Total	16	0	67	0	83	0	249	31	0	280	0	0	0	0	0	123	313	0	0	436	0	799	799
Grand Total	496	0	160	5	2100	0	712	577	37	7703	0	0	0	0	0	185	666	0	20	8522	62	18325	18387
Apprch %	23.6	0.0	76.4			0.0	92.5	7.5			0.0	0.0	0.0			21.8	78.2	0.0			0.3	99.7	
Total %	2.7	0.0	8.8	11.5		0.0	38.9	3.1	42.0		0.0	0.0	0.0	0.0		10.1	36.4	0.0		46.5			

Major Street Approaches:

Eastbound:

TH 242  
 Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC0016.war  
 Count Type: IMC. Channel: 0. Count Date: 7/19/ 0  
 Number of Lanes: 2  
 Approach Speed: 55  
 Total Approach Traffic: 8522

Westbound:

TH 242  
 Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC0016.war  
 Count Type: IMC. Channel: 0. Count Date: 7/19/ 0  
 Number of Lanes: 2  
 Approach Speed: 55  
 Total Approach Traffic: 7703

Minor Street Approaches:

Northbound:

Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC0016.war  
 Count Type: IMC. Channel: 0. Count Date: 7/19/ 0  
 Number of Lanes: 1  
 Approach Speed: 0  
 Total Approach Traffic: 0

Southbound:

Jefferson St.

Data File: C:\Program Files\JAMAR\PETRA\Data Files\TMC0016.war  
 Count Type: IMC. Channel: 0. Count Date: 7/19/ 0  
 Number of Lanes: 2  
 Approach Speed: 35  
 Total Approach Traffic: 2100

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

Hour	Main	Side	Warrant 1	Warrant 2	Warrant 8	
Begin (Total)	Vol.	Dir.	Rank	Meets? Criteria	Meets? Criteria	Meets? Criteria
0	0	0 S	17	105	52	84
1	0	0 S	18	105	52	84
2	0	0 S	19	105	52	84
3	0	0 S	20	105	52	84
4	0	0 S	21	105	52	84
5	0	0 S	22	105	52	84
6	767	229 S	1	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
7	927	215 S	2	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
8	954	158 S	3	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
9	812	128 S	7	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
10	808	105 S	12	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
11	848	135 S	6	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
12	896	110 S	10	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
13	1008	150 S	5	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
14	906	88 S	15	MAIN 105	--BOTH-- 52	--BOTH-- 84
15	1157	94 S	14	MAIN 105	--BOTH-- 52	--BOTH-- 84
16	1546	119 S	9	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
17	1712	120 S	8	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
18	1318	156 S	4	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
19	950	101 S	13	MAIN 105	--BOTH-- 52	--BOTH-- 84
20	900	109 S	11	--BOTH-- 105	--BOTH-- 52	--BOTH-- 84
21	716	83 S	16	MAIN 105	--BOTH-- 52	MAIN 84
22	0	0 S	23	105	52	84
23	0	0 S	24	105	52	84

## Warrant Summary:

Rural values apply.

## Warrant 1 - Minimum Vehicular Volumes

SATISFIED for 12 hours. Criteria--Main St.: 420; Side St.: See Volume Summary.

## Warrant 2 - Interruption of Continuous Traffic

SATISFIED for 16 hours. Criteria--Main St.: 630; Side St.: See Volume Summary.

## Warrant 3 - Minimum Pedestrian Volumes

NOT SATISFIED. 8th-High Hour--Pedestrians: 0. Criteria--Pedestrians: 105; Vehicles: 420.

## 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: 1832.

- 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

SATISFIED for 15 hours. Criteria--Main: 504; Side: See Volume Summary.

## Warrant 9 - Four Hour Volumes

SATISFIED for 15 hours.

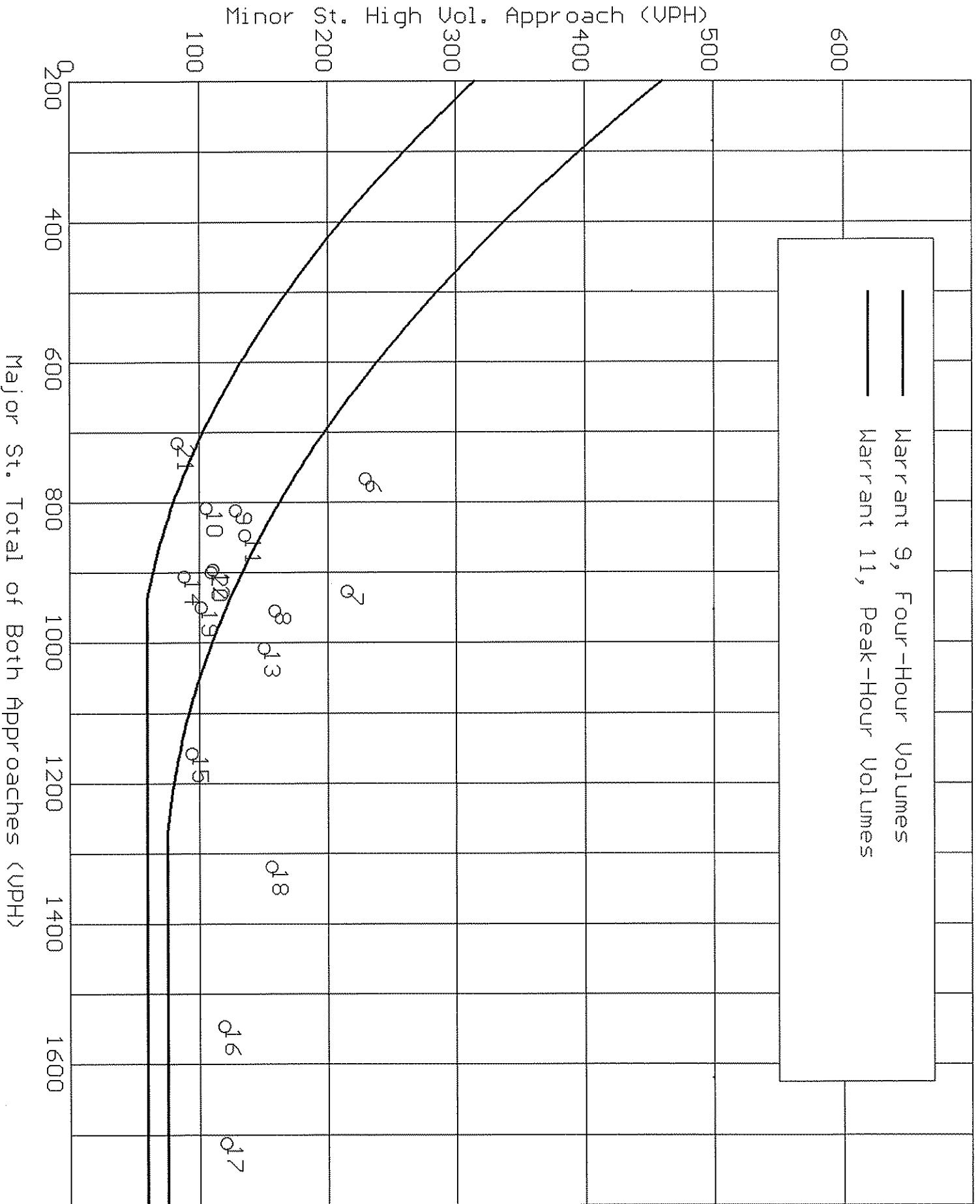
## Warrant 10 - Peak Hour Delay

NOT APPLICABLE. Volume requirements satisfied, but side street peak hour delay not defined.

Criteria--Main St.: 800 (4 approaches), 650 (3 approaches); Side St.: 100.

## Warrant 11 - Peak Hour Volume

SATISFIED for 8 hours.



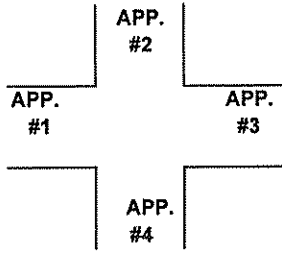


**NORTH**

**COUNT LOCATION:** TH 242@  
Jefferson

**DATE:** 7/19/00

APP. #1 = EB TH 242
APP. #2 = SB Jefferson
APP. #3 = WB TH 242
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
6:00-6:15AM								
6:15-6:30						3		
6:30-6:45								
6:45-7:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>3</b>
7:00-7:15						3		
7:15-7:30						1	1	
7:30-7:45								1
7:45-8:00								5
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>11</b>
8:00-8:15						1		1
8:15-8:30						1		
8:30-8:45								
8:45-9:00						1		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>4</b>
9:00-9:15								
9:15-9:30								
9:30-9:45						2		
9:45-10:00						2		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>4</b>
10:00-10:15						1		
10:15-10:30							1	
10:30-10:45						1		
10:45-11:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>3</b>
11:00-11:15								1
11:15-11:30								
11:30-11:45								
11:45-12:00						1		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>2</b>
12:00-12:15						1		
12:15-12:30						2		1
12:30-12:45								
12:45-1:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>4</b>
1:00-1:15							1	
1:15-1:30						1		2
1:30-1:45								
1:45-2:00						1		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>6</b>

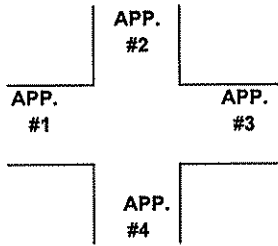


NORTH

APP. #1 = EB TH 242
APP. #2 = SB Jefferson
APP. #3 = WB TH 242
APP. #4 =

COUNT LOCATION: TH 242@ Jefferson

DATE: 7/17/00



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