

Date : 6/4/01

Count Number : TMC0110

Location : CSAH 52

@ I-35W East Ramp

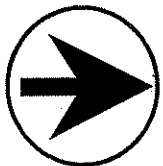
I-35W East

1365

#2

0	0	0
D	E	F

1365



North

CSAH 52

G	312
H	2383
J	0
2695	

#3

2398

5093

CSAH 52

9013

#1

6275

2738		
C	1013	
B	1725	
A	0	

LANES OF APPROACH

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

I-35W East Ramp

0

#4

M	3892
L	40
K	673
4605	

4605

Anoka County Highway Department

Traffic Volume and Turning

Movement Study

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

Weather: Partly Cloudy  
 Counter: TDC-8  
 Counted by: Jessica/Melissa

File Name : TMC0110  
 Site Code : 01100102  
 Start Date : 06/04/2001  
 Page No : 1

Groups Printed- 1 - 1 - Unshifted

Start Time	I-35W East Ramp Southbound					CSAH 52 Westbound					I-35W East Ramp Northbound					CSAH 52 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	0	0	0	0	0	2	38	7	1	47	7	8	8	1	23	3	35	3	0	41	2	111	113
06:15	0	0	0	0	0	0	36	2	4	38	44	0	3	4	47	6	20	2	5	28	13	113	126
06:30	0	0	0	0	0	0	44	3	4	47	24	0	3	1	27	5	25	0	4	30	9	104	113
06:45	0	0	0	0	0	0	71	7	6	78	46	1	1	1	48	12	33	0	6	45	13	171	184
Total	0	0	0	0	0	2	189	19	15	210	121	9	15	7	145	26	113	5	15	144	37	499	536
07:00	0	0	0	0	0	0	55	2	4	57	36	0	3	4	39	5	41	0	3	46	11	142	153
07:15	0	0	0	0	0	0	64	5	4	69	30	1	1	6	32	5	44	0	2	49	12	150	162
07:30	0	0	0	0	0	0	52	7	2	59	23	0	6	4	29	10	70	1	7	81	13	169	182
07:45	0	0	0	0	0	0	40	5	2	45	48	1	4	5	53	13	52	0	6	65	13	163	176
Total	0	0	0	0	0	0	211	19	12	230	137	2	14	19	153	33	207	1	18	241	49	624	673
08:00	0	0	0	0	0	0	35	3	2	38	34	0	3	5	37	7	18	1	6	26	13	101	114
08:15	0	0	0	0	0	0	44	4	4	48	29	0	5	9	34	6	12	0	3	18	16	100	116
08:30	0	0	0	0	0	0	31	6	9	37	20	5	5	7	30	2	10	0	2	12	18	79	97
08:45	0	0	0	0	0	0	26	5	1	31	42	1	6	11	49	6	21	0	6	27	18	107	125
Total	0	0	0	0	0	0	136	18	16	154	125	6	19	32	150	21	61	1	17	83	65	387	452
09:00	0	0	0	0	0	0	24	3	2	27	26	1	6	7	33	11	19	0	7	30	16	90	106
09:15	0	0	0	0	0	0	24	4	3	28	20	2	5	5	27	9	10	0	7	19	15	74	89
09:30	0	0	0	0	0	0	35	5	0	40	30	0	5	10	35	10	12	0	2	22	12	97	109
09:45	0	0	0	0	0	0	19	3	0	22	29	1	5	9	35	7	20	0	5	27	14	84	98
Total	0	0	0	0	0	0	102	15	5	117	105	4	21	31	130	37	61	0	21	98	57	345	402
10:00	0	0	0	0	0	0	34	5	6	39	33	0	4	11	37	13	11	0	6	24	23	100	123
10:15	0	0	0	0	0	0	28	2	2	30	26	0	5	8	31	7	11	0	4	18	14	79	93
10:30	0	0	0	0	0	0	23	3	4	26	29	1	5	5	35	12	17	0	7	29	16	90	106
10:45	0	0	0	0	0	0	23	5	2	28	47	3	17	14	67	9	27	0	4	36	20	131	151
Total	0	0	0	0	0	0	108	15	14	123	135	4	31	38	170	41	66	0	21	107	73	400	473
11:00	0	0	0	0	0	0	23	3	1	26	32	1	6	10	39	10	15	0	5	25	16	90	106
11:15	0	0	0	0	0	0	31	2	0	33	28	0	3	4	31	8	11	1	3	20	7	84	91
11:30	0	0	0	0	0	1	23	3	3	27	40	0	16	10	56	13	21	0	5	34	18	117	135
11:45	0	0	0	0	0	0	38	5	5	43	54	2	13	10	69	11	17	0	5	28	20	140	160
Total	0	0	0	0	0	1	115	13	9	129	154	3	38	34	195	42	64	1	18	107	61	431	492
12:00	0	0	0	0	0	0	26	3	3	29	53	2	3	7	58	20	42	1	7	63	17	150	167
12:15	0	0	0	0	0	0	47	1	3	48	30	0	4	3	34	11	26	1	5	38	11	120	131
12:30	0	0	0	0	0	0	29	1	2	30	44	0	8	7	52	12	22	0	5	34	14	116	130
12:45	0	0	0	0	0	0	43	3	5	46	32	0	6	6	38	8	25	0	6	33	17	117	134
Total	0	0	0	0	0	0	145	8	13	153	159	2	21	23	182	51	115	2	23	168	59	503	562
13:00	0	0	0	0	0	0	45	1	4	46	39	1	3	10	43	15	25	0	6	40	20	129	149
13:15	0	0	0	0	0	0	28	1	1	29	37	1	7	8	45	16	13	0	5	29	14	103	117
13:30	0	0	0	0	0	0	26	2	1	28	48	0	3	6	51	14	11	0	4	25	11	104	115
13:45	0	0	0	0	0	0	21	2	3	23	52	2	12	14	66	8	17	0	3	25	20	114	134
Total	0	0	0	0	0	0	120	6	9	126	176	4	25	38	205	53	66	0	18	119	65	450	515
14:00	0	0	0	0	0	0	39	3	2	42	64	2	12	17	78	15	38	0	4	53	23	173	196
14:15	0	0	0	0	0	0	31	1	2	32	62	1	8	24	71	12	21	0	5	33	31	136	167
14:30	0	0	0	0	0	0	31	4	5	35	92	1	16	18	109	20	25	0	2	45	25	189	214
14:45	0	0	0	0	0	0	36	6	4	42	79	0	16	17	95	16	35	0	8	51	29	188	217
Total	0	0	0	0	0	0	137	14	13	151	297	4	52	76	353	63	119	0	19	182	108	686	794
15:00	0	0	0	0	0	0	34	6	5	40	89	0	12	19	101	21	23	0	7	44	31	185	216
15:15	0	0	0	0	0	0	28	8	2	36	98	0	15	12	113	30	42	0	10	72	24	221	245
15:30	0	0	0	0	0	0	40	3	3	43	113	1	19	14	133	31	34	0	3	65	20	241	261
15:45	0	0	0	0	0	0	50	5	3	55	123	0	16	19	139	44	35	0	4	79	26	273	299
Total	0	0	0	0	0	0	152	22	13	174	423	1	62	64	486	126	134	0	24	250	101	920	1021
16:00	0	0	0	0	0	0	52	7	5	59	128	0	18	11	146	32	41	0	0	73	16	278	294
16:15	0	0	0	0	0	0	46	8	3	54	122	1	22	12	145	48	32	0	7	80	22	279	301
16:30	0	0	0	0	0	0	39	9	3	48	125	0	17	7	142	44	38	0	0	82	10	272	282
16:45	0	0	0	0	0	0	53	7	4	60	138	2	22	8	162	49	42	0	4	91	16	313	329
Total	0	0	0	0	0	0	190	31	15	221	513	3	79	38	595	173	153	0	11	326	64	1142	1206

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

Weather: Partly Cloudy  
Counter: TDC-8  
Counted by: Jessica/Melissa

File Name : TMC0110  
Site Code : 01100102  
Start Date : 06/04/2001  
Page No : 2

Groups Printed- 1 - 1 - Unshifted

Start Time	I-35W East Ramp Southbound					CSAH 52 Westbound					I-35W East Ramp Northbound					CSAH 52 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	0	0	0	0	0	0	56	9	3	65	132	0	19	6	151	45	33	0	1	78	10	294	304		
17:15	0	0	0	0	0	0	71	11	4	82	132	1	14	8	147	34	38	0	2	72	14	301	315		
17:30	0	0	0	0	0	0	69	11	2	80	127	0	41	4	168	55	63	0	6	118	12	366	378		
17:45	0	0	0	0	0	0	57	12	3	69	136	1	25	4	162	34	44	0	1	78	8	309	317		
Total	0	0	0	0	0	0	253	43	12	296	527	2	99	22	628	168	178	0	10	346	44	1270	1314		
18:00	0	0	0	0	0	0	59	15	1	74	155	1	24	7	180	25	28	0	1	53	9	307	316		
18:15	0	0	0	0	0	0	55	18	3	73	158	1	21	3	180	23	31	0	2	54	8	307	315		
18:30	0	0	0	0	0	0	48	5	2	53	142	0	13	3	155	24	29	0	1	53	6	261	267		
18:45	0	0	0	0	0	0	46	7	2	53	79	1	12	2	92	16	21	0	1	37	5	182	187		
Total	0	0	0	0	0	0	208	45	8	253	534	3	70	15	607	88	109	0	5	197	28	1057	1085		
19:00	0	0	0	0	0	0	36	1	1	37	62	0	13	2	75	15	24	0	0	39	3	151	154		
19:15	0	0	0	0	0	0	33	3	1	36	37	0	9	1	46	9	33	0	2	42	4	124	128		
19:30	0	0	0	0	0	0	32	4	0	36	45	1	7	1	53	7	26	0	1	33	2	122	124		
19:45	0	0	0	0	0	0	20	3	0	23	38	1	9	2	48	7	33	0	0	40	2	111	113		
Total	0	0	0	0	0	0	121	11	2	132	182	2	38	6	222	38	116	0	3	154	11	508	519		
20:00	0	0	0	0	0	0	22	2	0	24	39	0	7	2	46	6	17	1	1	24	3	94	97		
20:15	0	0	0	0	0	0	14	2	2	16	42	1	15	0	58	8	16	0	0	24	2	98	100		
20:30	0	0	0	0	0	0	11	1	0	12	35	2	8	1	45	10	31	0	0	41	1	98	99		
20:45	0	0	0	0	0	0	29	2	0	31	37	0	7	1	44	11	33	0	1	44	2	119	121		
Total	0	0	0	0	0	0	76	7	2	83	153	3	37	4	193	35	97	1	2	133	8	409	417		
21:00	0	0	0	0	0	0	29	2	0	31	43	0	15	1	58	3	22	0	0	25	1	114	115		
21:15	0	0	0	0	0	0	22	3	0	25	30	0	9	1	39	5	32	1	0	38	1	102	103		
21:30	0	0	0	0	0	0	37	14	0	51	44	0	20	0	64	10	12	0	0	22	0	137	137		
21:45	0	0	0	0	0	0	32	7	0	39	49	0	12	1	61	0	0	0	0	0	1	100	101		
Total	0	0	0	0	0	0	120	26	0	146	166	0	56	3	222	18	66	1	0	85	3	453	456		
Grand Total	0	0	0	0	0	3	238	3	312	158	2698	390	7	52	677	450	4636	101	172	12	225	2750	833	10084	10917
Apprch %	0.0	0.0	0.0			0.1	88.3	11.6				84.3	1.1	14.6			36.8	62.7	0.4						
Total %	0.0	0.0	0.0		0.0	0.0	23.6	3.1		26.8		38.7	0.5	6.7		46.0	10.0	17.1	0.1		27.3	7.6	92.4		

Major Street Approaches:

Eastbound:

CSAH 52

Data File: C:\Program Files\PCWarrants\TMC0110.war  
 Count Type: IMC. Channel: 0. Count Date: 6/ 4/ 1  
 Number of Lanes: 2  
 Approach Speed: 50  
 Total Approach Traffic: 2750

Westbound:

CSAH 52

Data File: C:\Program Files\PCWarrants\TMC0110.war  
 Count Type: IMC. Channel: 0. Count Date: 6/ 4/ 1  
 Number of Lanes: 2  
 Approach Speed: 50  
 Total Approach Traffic: 2698

Minor Street Approaches:

Northbound:

I-35W East Ramp

Data File: C:\Program Files\PCWarrants\TMC0110.war  
 Count Type: IMC. Channel: 0. Count Date: 6/ 4/ 1  
 Number of Lanes: 2  
 Approach Speed: 30  
 Total Approach Traffic: 4649

Southbound:

I-35W East Ramp

Data File: C:\Program Files\PCWarrants\TMC0110.war  
 Count Type: IMC. Channel: 0. Count Date: 6/ 4/ 1  
 Number of Lanes: 2  
 Approach Speed: 30  
 Total Approach Traffic: 0

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	N	17		140		70		112
1	0	0	N	18		140		70		112
2	0	0	N	19		140		70		112
3	0	0	N	20		140		70		112
4	0	0	N	21		140		70		112
5	0	0	N	22		140		70		112
6	354	145	N	15	SIDE	140	SIDE	70	SIDE	112
7	471	151	N	14	--BOTH--	140	SIDE	70	SIDE	112
8	237	165	N	13	SIDE	140	SIDE	70	SIDE	112
9	215	130	N	16		140	SIDE	70	SIDE	112
10	230	170	N	12	SIDE	140	SIDE	70	SIDE	112
11	236	195	N	9	SIDE	140	SIDE	70	SIDE	112
12	321	182	N	11	SIDE	140	SIDE	70	SIDE	112
13	245	205	N	8	SIDE	140	SIDE	70	SIDE	112
14	333	353	N	5	SIDE	140	SIDE	70	SIDE	112
15	434	486	N	4	--BOTH--	140	SIDE	70	SIDE	112
16	547	595	N	3	--BOTH--	140	SIDE	70	--BOTH--	112
17	642	628	N	1	--BOTH--	140	--BOTH--	70	--BOTH--	112
18	450	607	N	2	--BOTH--	140	SIDE	70	SIDE	112
19	286	222	N	6	SIDE	140	SIDE	70	SIDE	112
20	216	193	N	10	SIDE	140	SIDE	70	SIDE	112
21	231	222	N	7	SIDE	140	SIDE	70	SIDE	112
22	0	0	N	23		140		70		112
23	0	0	N	24		140		70		112

## Warrant Summary:

Rural values apply.

## Warrant 1 - Minimum Vehicular Volumes

NOT SATISFIED. Required values reached for 5 hours. Criteria--Main St.: 420; Side St.: See Volume Summary.

## Warrant 2 - Interruption of Continuous Traffic

NOT SATISFIED. Required values reached for 1 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

SATISFIED. Peak hour total entering volume: 1270. 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

NOT SATISFIED. Required values reached for 2 hours. Criteria--Main: 504; Side: See Volume Summary.

## Warrant 9 - Four Hour Volumes

SATISFIED for 5 hours.

## Warrant 10 - Peak Hour Delay

NOT SATISFIED. Peak hour (1700 hours) volume not adequate.

Criteria--Main St.: 800 (4 approaches), 650 (3 approaches); Side St.: 150.

## Warrant 11 - Peak Hour Volume

SATISFIED for 4 hours.

Minor St. High Vol. Approach (UPH)

600  
500  
400  
300  
200  
100  
0

200 400 600 800 1000 1200 1400 1600

Major St. Total of Both Approaches (UPH)

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

21  
19  
13  
10  
9  
12  
8  
7

14

15

18  
16

**Multiway Stop Warrant Analysis**  
**TMC 0110 CSAH 52 @ I-35W East Ramp**  
**Speed Limit of Major Roadway..... 50**

**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	493	0	139	139	0
7 AM - 8 AM	622	0	151	151	0
8 AM - 9 AM	380	0	143	143	0
9 AM - 10 AM	345	0	130	130	0
10 AM - 11 AM	400	0	170	170	0
11 AM - 12 PM	431	0	195	195	0
12 PM - 13 PM	503	0	182	182	0
1 PM - 2 PM	448	0	203	203	0
2 PM - 3 PM	686	0	353	353	1
3 PM - 4 PM	920	0	486	486	1
4 PM - 5 PM	1142	0	595	595	1
5 PM - 6 PM	1270	0	628	628	1
6 PM - 7 PM	1057	0	607	607	1
7 PM - 8 PM	506	0	220	220	1
8 PM - 9 PM	409	0	193	193	0
9 PM - 10 PM	441	0	210	210	0

**TOTAL HOURS MET: 6**

**MULTIWAY STOP WARRANT IS NOT MET**



**NORTH**

**COUNT LOCATION:**

CSAH 52 @

**DATE:**

6/4/01

I-35W East Ramp

APP. #1 = I-35W East Ramp

APP. #2 = CSAH 52

APP. #3 = I-35W East Ramp

APP. #4 = CSAH 52

APP. #2

APP. #1

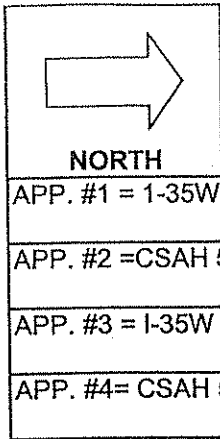
APP. #3

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
6:00-6:15AM				1	1	7		2
6:15-6:30						6		1
6:30-6:45						7		1
6:45-7:00						9		3
<b>HOURLY TOTAL</b>					<b>1</b>	<b>HOURLY TOTAL</b>		<b>36</b>
7:00-7:15						9		4
7:15-7:30						9		1
7:30-7:45		1			1	7		4
7:45-8:00						13		1
<b>HOURLY TOTAL</b>					<b>1</b>	<b>HOURLY TOTAL</b>		<b>48</b>
8:00-8:15						10		2
8:15-8:30						15		1
8:30-8:45						16		
8:45-9:00						16		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>60</b>
9:00-9:15						16		
9:15-9:30						14		1
9:30-9:45						12		
9:45-10:00						14		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>57</b>
10:00-10:15						25		
10:15-10:30						12		
10:30-10:45						16		
10:45-11:00						14		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>67</b>
11:00-11:15						16		
11:15-11:30						9		
11:30-11:45						18		
11:45-12:00						18		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>61</b>
12:00-12:15						16		1
12:15-12:30						9		
12:30-12:45						12		1
12:45-1:00						15		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>55</b>
1:00-1:15						20		1
1:15-1:30						16		
1:30-1:45						11		
1:45-2:00						18		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>66</b>





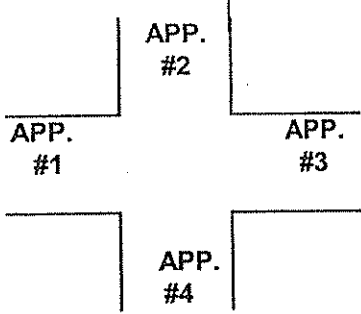
COUNT LOCATION:

CSAH 52 @

DATE:

6/4/01

I-35W East Ramp



- 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						21		
2:15-2:30						34		
2:30-2:45						22		1
2:45-3:00						30		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>109</b>
3:00-3:15						28		3
3:15-3:30						22		2
3:30-3:45						19		
3:45-4:00						24		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>99</b>
4:00-4:15		1			1	12		1
4:15-4:30						21		3
4:30-4:45						9		
4:45-5:00						13	1	2
<b>HOURLY TOTAL</b>					<b>1</b>	<b>HOURLY TOTAL</b>		<b>62</b>
5:00-5:15						8		
5:15-5:30						11		3
5:30-5:45						10		3
5:45-6:00						6		2
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>43</b>
6:00-6:15						9		
6:15-6:30						7		1
6:30-6:45						7		
6:45-7:00						3		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>28</b>
7:00-7:15						3		
7:15-7:30						4		
7:30-7:45						2		
7:45-8:00				1	1	2		
<b>HOURLY TOTAL</b>					<b>1</b>	<b>HOURLY TOTAL</b>		<b>11</b>
8:00-8:15						3		
8:15-8:30						1		
8:30-8:45		1			1			
8:45-9:00						2		
<b>HOURLY TOTAL</b>					<b>1</b>	<b>HOURLY TOTAL</b>		<b>6</b>
9:00-9:15						1		
9:15-9:30						1		
9:30-9:45								
9:45-10:00						1		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>3</b>