

Date: 02/28/13

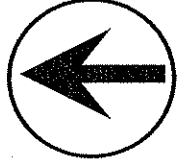
Count Number: TMC1310

Location: CSAH 1 (Coon Rapids Blvd.)

@ Round Lake Blvd.

Collection Period: PEAK HOURS

6:30-8:30 AM, 1-2 PM, & 3:30-5:30 PM



North

Round Lake

3331

#2

1576		
321	D	
118	F	
1137	T	

1755

CSAH 1

#1

2383

CSAH 1

2304		
407	C	
1822	B	
75	A	

4687

1229	G	
1976	H	
72	J	

#3

6326

3049

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

86	M	
119	L	
90	K	
295		

265

#4

560

Round Lake Blvd.

Anoka County Highway Department

Traffic Volume and Turning

Movement Study

Date : 02/28/13

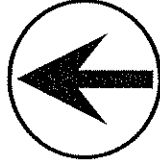
Count Number : TMC1310

Location : CSAH 1 (Coon Rapids Blvd.)

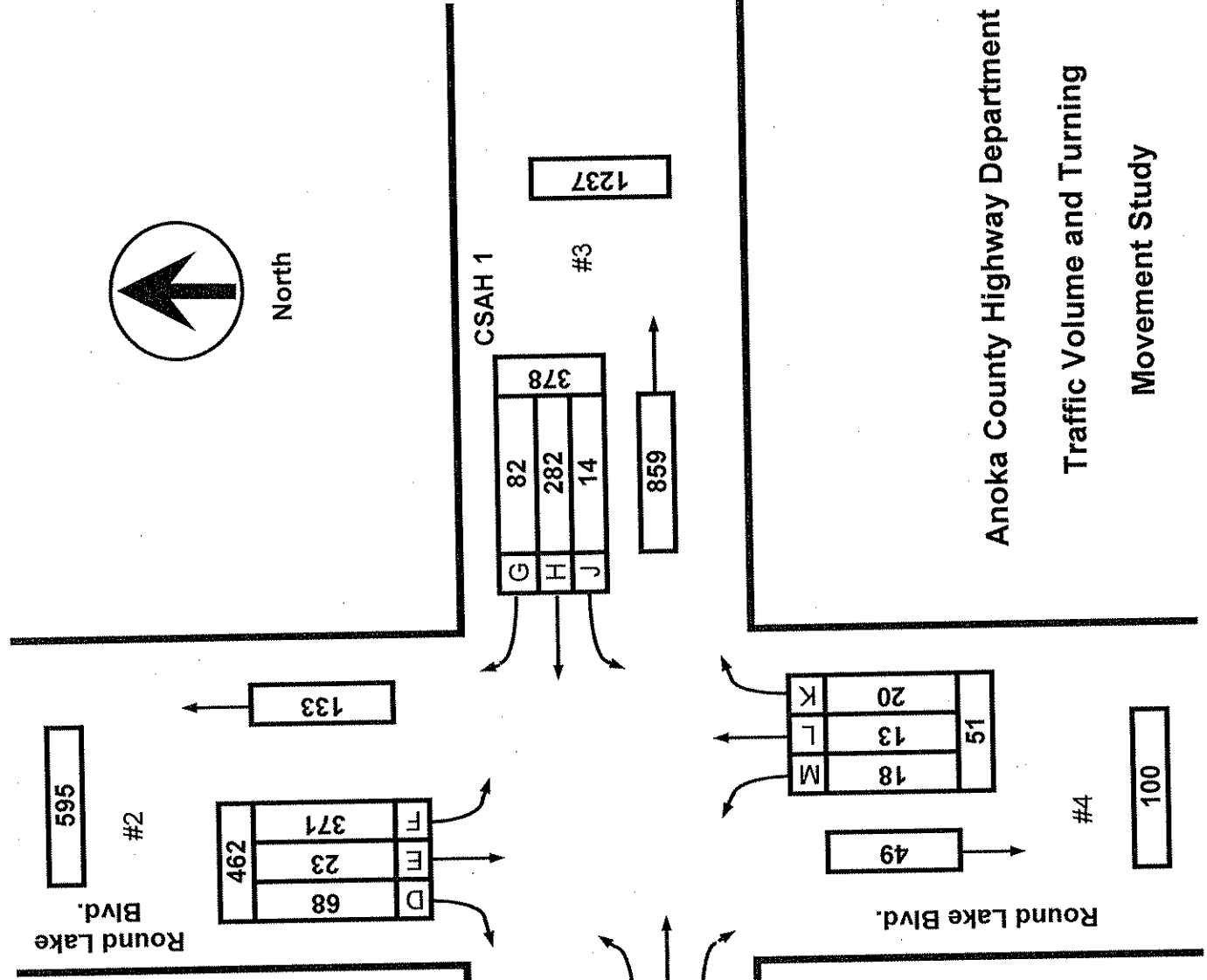
@ Round Lake Blvd.

Collection Period : AM PEAK

Hour : 7:15 - 8:15 AM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 02/28/13

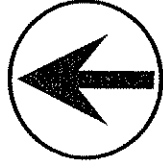
Count Number : TMC1310

Location : CSAH 1 (Coon Rapids Blvd.)

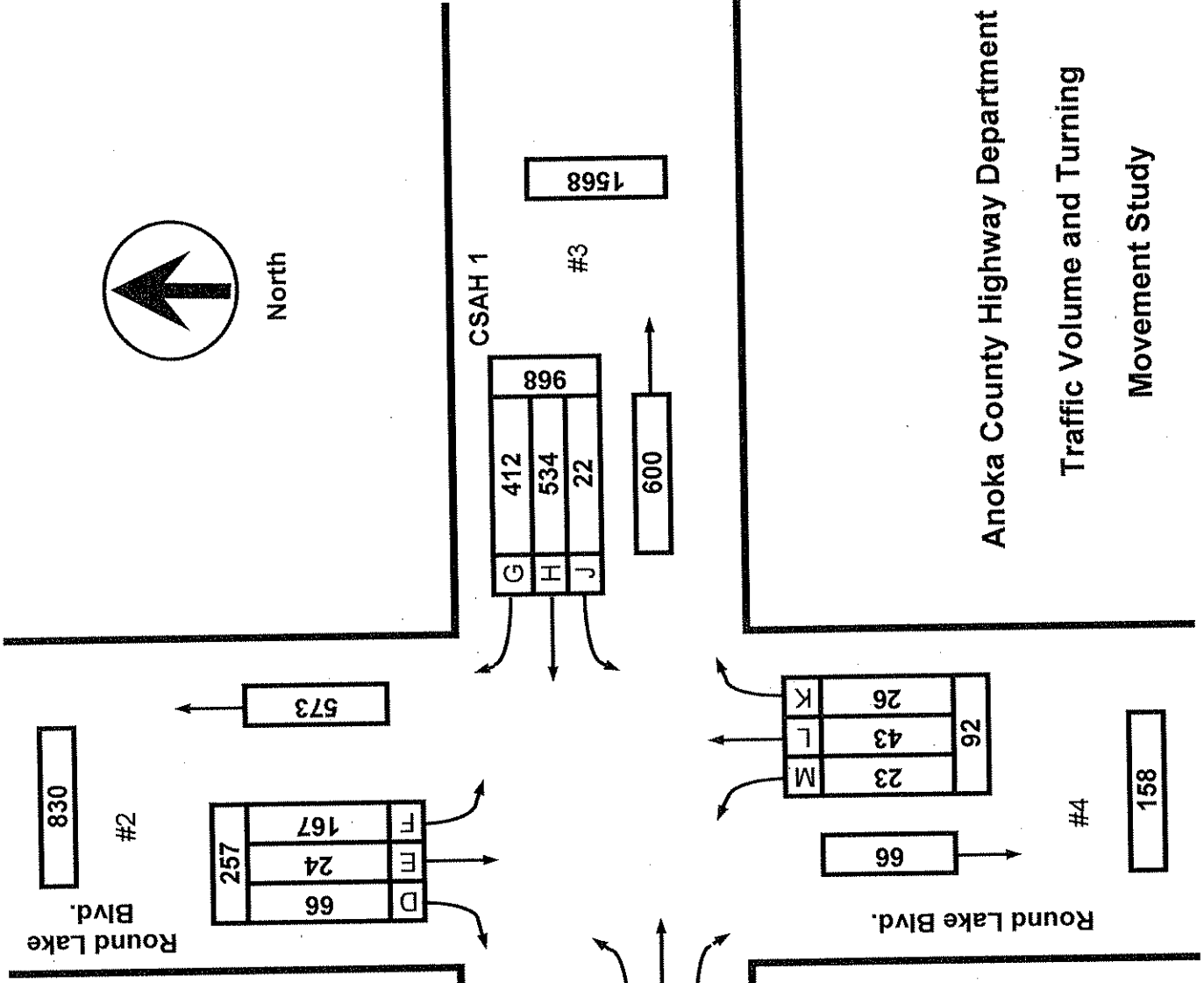
@ Round Lake Blvd.

Collection Period : PM PEAK

Hour : 3:45 PM - 4:45 PM



North



257		
66	D	
24	E	
167	F	

412	G
534	H
22	J
968	

23	M
43	L
26	K
92	

545		
20	A	
407	B	
118	C	

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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC 1310
 Site Code : 13100203
 Start Date : 02/28/2013
 Page No : 1

Weather: Cold and Sunny
 Counter: DB-400
 Study Conducted By: Ted and Andrea

Groups Printed- Unshifted

Start Time	Round Lake Blvd. Southbound					CSAH 1 Westbound					Round Lake Blvd. Northbound					CSAH 1 Eastbound					Excl. Total	Incl. Total	Int. Total
	Left	Thru	Right	Heavys	App. Total	Left	Thru	Right	Heavys	App. Total	Left	Thru	Right	Heavys	App. Total	Left	Thru	Right	Heavys	App. Total			
06:30 AM	41	0	15	3	56	0	72	18	10	90	1	4	5	0	10	6	59	1	3	66	16	222	238
06:45 AM	52	0	14	0	66	1	75	23	9	99	6	2	4	0	12	9	83	1	15	93	24	270	294
Total	93	0	29	3	122	1	147	41	19	189	7	6	9	0	22	15	142	2	18	159	40	492	532
07:00 AM	68	6	8	1	82	3	55	14	4	72	3	6	4	1	13	2	78	3	7	83	13	250	263
07:15 AM	83	6	10	1	99	4	55	18	0	77	8	5	3	0	16	9	103	7	7	119	8	311	319
07:30 AM	139	5	10	3	154	2	73	25	6	100	2	2	5	0	9	12	162	1	6	175	15	438	453
07:45 AM	103	9	27	0	139	5	94	17	16	116	5	3	9	2	17	9	114	2	5	125	23	397	420
Total	393	26	55	5	474	14	277	74	26	365	18	16	21	3	55	32	457	13	25	502	59	1396	1455
08:00 AM	46	3	21	1	70	3	60	22	6	85	3	3	3	0	9	8	89	2	4	99	11	263	274
08:15 AM	59	7	13	1	79	4	67	19	3	90	2	5	2	0	9	11	65	2	11	78	15	256	271
*** BREAK ***																							
Total	105	10	34	2	149	7	127	41	9	175	5	8	5	0	18	19	154	4	15	177	26	519	545
*** BREAK ***																							
01:00 PM	39	7	14	1	60	4	84	57	3	145	6	3	6	0	15	20	63	7	2	90	6	310	316
01:15 PM	40	11	20	1	71	11	81	69	10	161	4	5	2	0	11	30	64	8	4	102	15	345	360
01:30 PM	54	8	12	1	74	0	82	44	7	126	3	7	7	1	17	27	105	0	8	132	17	349	366
01:45 PM	55	4	16	3	75	2	115	125	4	242	7	6	2	0	15	19	91	3	14	113	21	445	466
Total	188	30	62	6	280	17	362	295	24	674	20	21	17	1	58	96	323	18	28	437	59	1449	1508
*** BREAK ***																							
03:30 PM	61	12	22	1	95	1	110	76	2	187	1	11	5	0	17	43	95	6	0	144	3	443	446
03:45 PM	32	9	13	1	54	7	140	146	7	293	7	9	4	0	20	27	95	7	2	129	10	496	506
Total	93	21	35	2	149	8	250	222	9	480	8	20	9	0	37	70	190	13	2	273	13	939	952
04:00 PM	37	6	17	2	60	6	136	77	4	219	7	12	7	0	26	38	81	5	5	124	11	429	440
04:15 PM	37	5	23	3	65	5	119	94	6	218	4	9	8	1	21	27	98	3	2	128	12	432	444
04:30 PM	61	4	13	1	78	4	139	95	5	238	5	13	7	3	25	26	133	5	0	164	9	505	514
04:45 PM	51	5	21	1	77	3	141	99	5	243	5	5	4	0	14	35	69	2	2	106	8	440	448
Total	186	20	74	7	280	18	535	365	20	918	21	39	26	4	86	126	381	15	9	522	40	1806	1846
05:00 PM	28	4	16	1	48	6	167	97	2	270	1	7	3	0	11	20	93	6	4	119	7	448	455
05:15 PM	51	7	16	0	74	1	111	94	6	206	6	2	0	0	8	29	82	4	2	115	8	403	411
Grand Total	1137	118	321	26	1576	72	1976	1229	115	3277	86	119	90	8	295	407	1822	75	103	2304	252	7452	7704
Apprch %	72.1	7.5	20.4			2.2	60.3	37.5			29.2	40.3	30.5			17.7	79.1	3.3			30.9	3.3	96.7
Total %	15.3	1.6	4.3		21.1	1	26.5	16.5		44	1.2	1.6	1.2		4	5.5	24.4	1					

Start Time	Round Lake Blvd. Southbound				CSAH 1 Westbound				Round Lake Blvd. Northbound				CSAH 1 Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 06:30 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	83	6	10	99	4	55	18	77	8	5	3	16	9	103	7	119	311
07:30 AM	139	5	10	154	2	73	25	100	2	2	5	9	12	162	1	175	438
07:45 AM	103	9	27	139	5	94	17	116	5	3	9	17	9	114	2	125	397
08:00 AM	46	3	21	70	3	60	22	85	3	3	3	9	8	89	2	99	263
Total Volume	371	23	68	462	14	282	82	378	18	13	20	51	38	468	12	518	1409
% App. Total	80.3	5	14.7		3.7	74.6	21.7		35.3	25.5	39.2		7.3	90.3	2.3		
PHF	.667	.639	.630	.750	.700	.750	.820	.815	.563	.650	.556	.750	.792	.722	.429	.740	.804

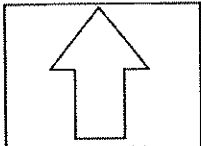


Anoka County Highway Department
 Traffic Engineering Section
 Traffic Volume and Turning Movement Study

File Name : TMC 1310
 Site Code : 13100203
 Start Date : 02/28/2013
 Page No : 2

Weather: Cold and Sunny
 Counter: DB-400
 Study Conducted By: Ted and Andrea

Start Time	Round Lake Blvd. Southbound				CSAH 1 Westbound				Round Lake Blvd. Northbound				CSAH 1 Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 12:00 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 03:45 PM																	
03:45 PM	32	9	13	54	7	140	146	293	7	9	4	20	27	95	7	129	496
04:00 PM	37	6	17	60	6	136	77	219	7	12	7	26	38	81	5	124	429
04:15 PM	37	5	23	65	5	119	94	218	4	9	8	21	27	98	3	128	432
04:30 PM	61	4	13	78	4	139	95	238	5	13	7	25	26	133	5	164	505
Total Volume	167	24	66	257	22	534	412	968	23	43	26	92	118	407	20	545	1862
% App. Total	65	9.3	25.7		2.3	55.2	42.6		25	46.7	28.3		21.7	74.7	3.7		
PHF	.684	.667	.717	.824	.786	.954	.705	.826	.821	.827	.813	.885	.776	.765	.714	.831	.922



COUNT LOCATION:

CSAH 1 (Coon Rapids Blvd.)

DATE:

02/28/2013

@ Round Lake Blvd.

NORTH

APP. #1 = CSAH 1

APP. #2 = Round Lake Blvd.

APP. #3 = CSAH 1

APP. #4 = Round Lake Blvd.

APP. #2

APP. #1

APP. #3

APP. #4

HEAVY VEHICLE- ANY VEHICLE HAVING MORE THAN FOUR TIRES TOUCHING THE PAVEMENT

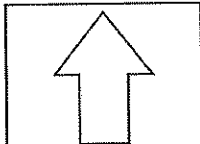
A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.

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								
6:15-6:30								
6:30-6:45	1			3	4	12		4
6:45-7:00						7		17
HOURLY TOTAL					4	HOURLY TOTAL		40
7:00-7:15						4		9
7:15-7:30						1		7
7:30-7:45						4		11
7:45-8:00						7		15
HOURLY TOTAL						HOURLY TOTAL		58
8:00-8:15						4		7
8:15-8:30						6		9
8:30-8:45								
8:45-9:00								
HOURLY TOTAL						HOURLY TOTAL		26
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				1	4		2
1:15-1:30	1				1	9		7
1:30-1:45						7		8
1:45-2:00						3		18
HOURLY TOTAL					2	HOURLY TOTAL		58
TOTAL					6	TOTAL		182

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NORTH

- APP. #1 = CSAH 1
- APP. #2 = Round Lake Blvd.
- APP. #3 = CSAH 1
- APP. #4 = Round Lake Blvd.

COUNT LOCATION:

CSAH 1 (Coon Rapids Blvd.)

DATE:

02/28/2013

@ Round Lake Blvd.

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								
2:15-2:30								
2:30-2:45								
2:45-3:00								
HOURLY TOTAL						HOURLY TOTAL		
3:00-3:15								
3:15-3:30								
3:30-3:45						1		2
3:45-4:00						1		9
HOURLY TOTAL						HOURLY TOTAL 13		
4:00-4:15	1	1			2	6		5
4:15-4:30		1			1	4		7
4:30-4:45			1		1	2		7
4:45-5:00	1				1	3		5
HOURLY TOTAL					5	HOURLY TOTAL 39		
5:00-5:15		2	1		3	3		4
5:15-5:30		1	1	2	4	4		4
5:30-5:45								
5:45-6:00								
HOURLY TOTAL					7	HOURLY TOTAL 15		
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		
TOTAL					18	TOTAL		249

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