

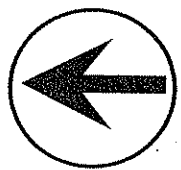
Date : 07/02/13

Count Number : TMC1323

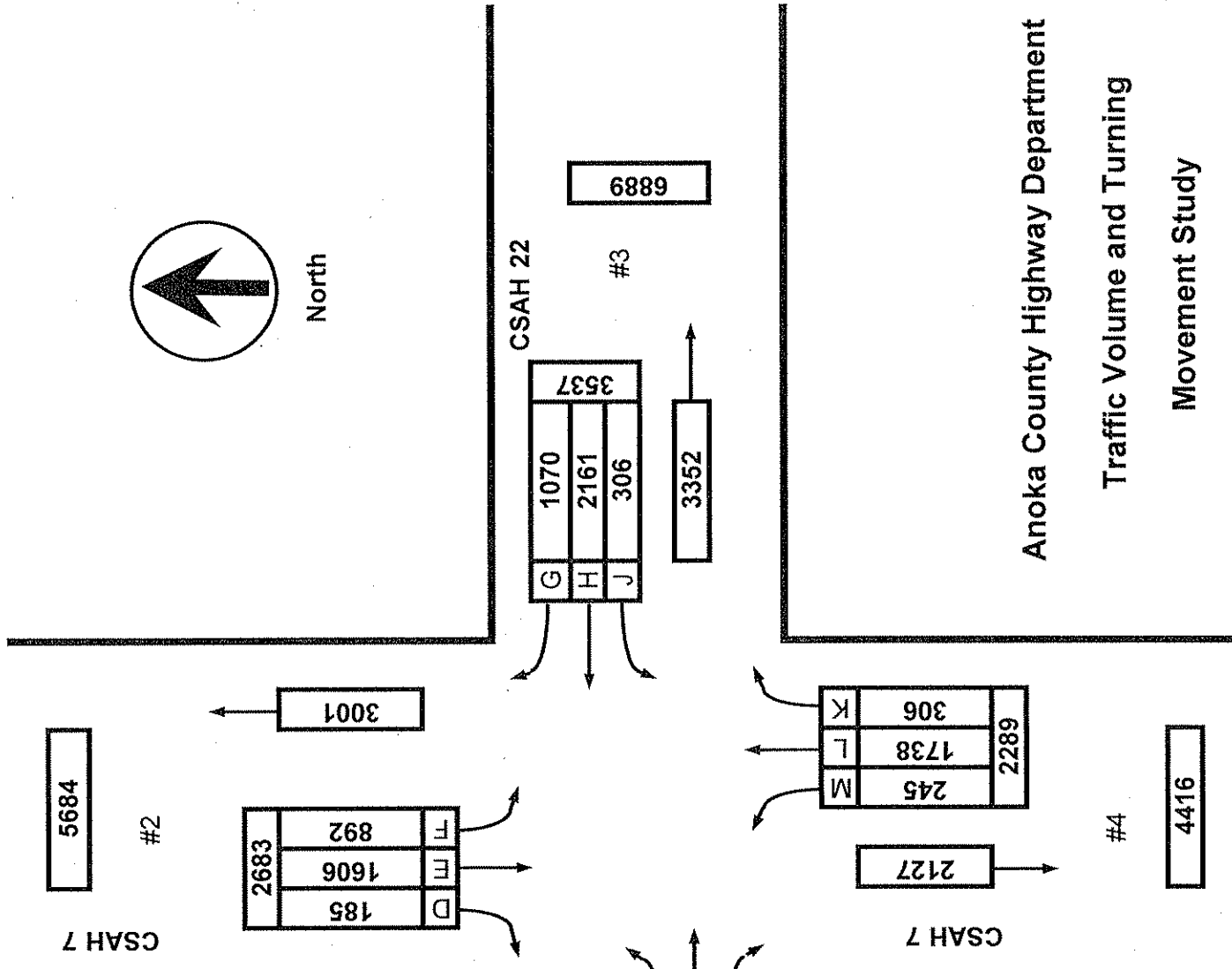
Location : CSAH 22 (Viking Blvd.)

@ CSAH 7 (Rum River Blvd.)

Collection Period : 6 AM - 10 PM



North



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

Anoka County Highway Department  
Traffic Volume and Turning  
Movement Study

Date : 07/02/13

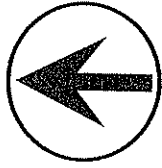
Count Number : TMC1323

Location : CSAH 22 (Viking Blvd.)

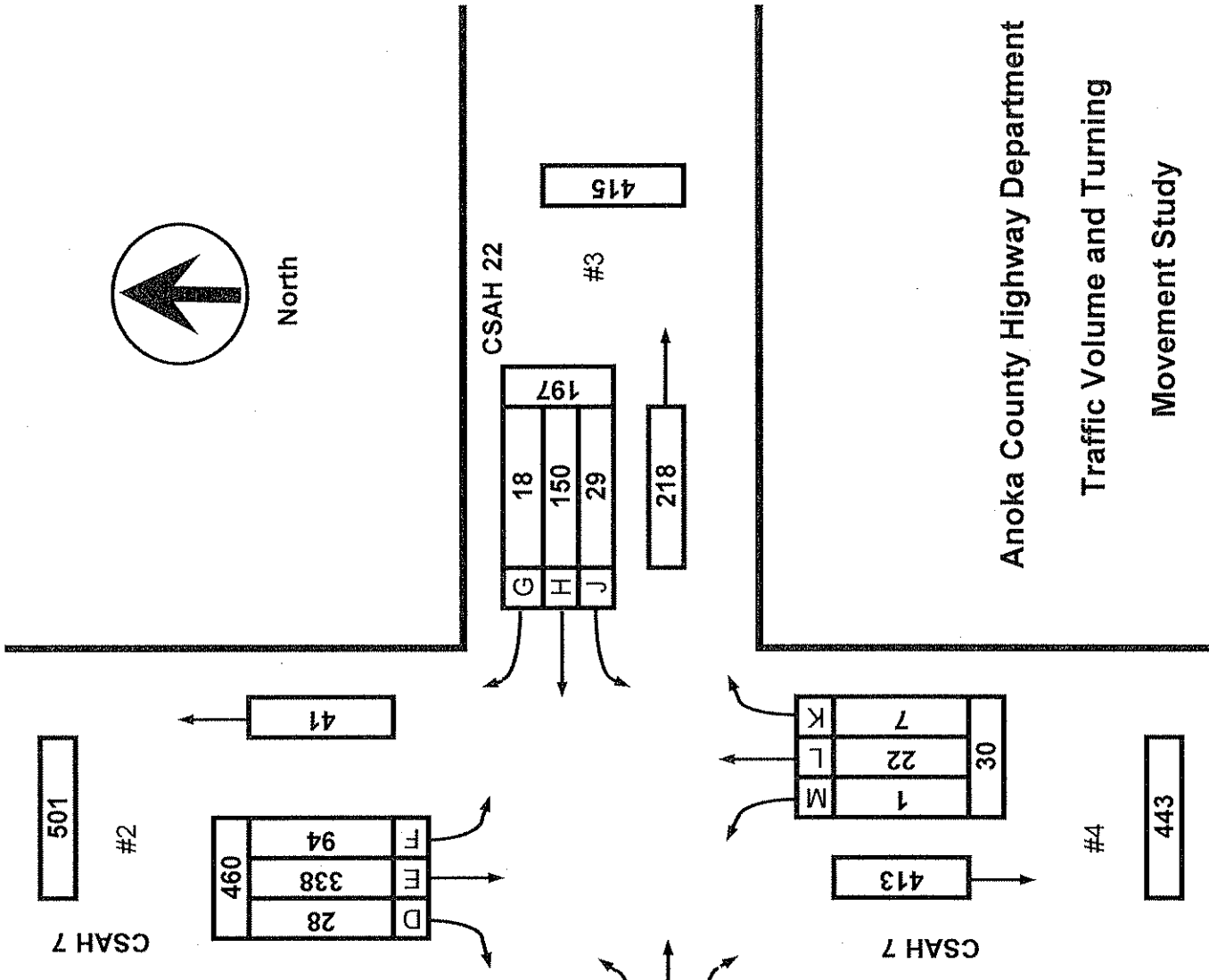
@ CSAH 7 (Rum River Blvd.)

Collection Period : AM PEAK

Hour : 6 AM - 7 AM



North



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

Anoka County Highway Department  
 Traffic Volume and Turning  
 Movement Study

Date : 07/01/13

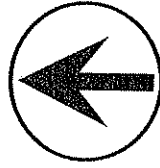
Count Number : TMC1323

Location : CSAH 22 (Viking Blvd.)

@ CSAH 7 (Rum River Blvd.)

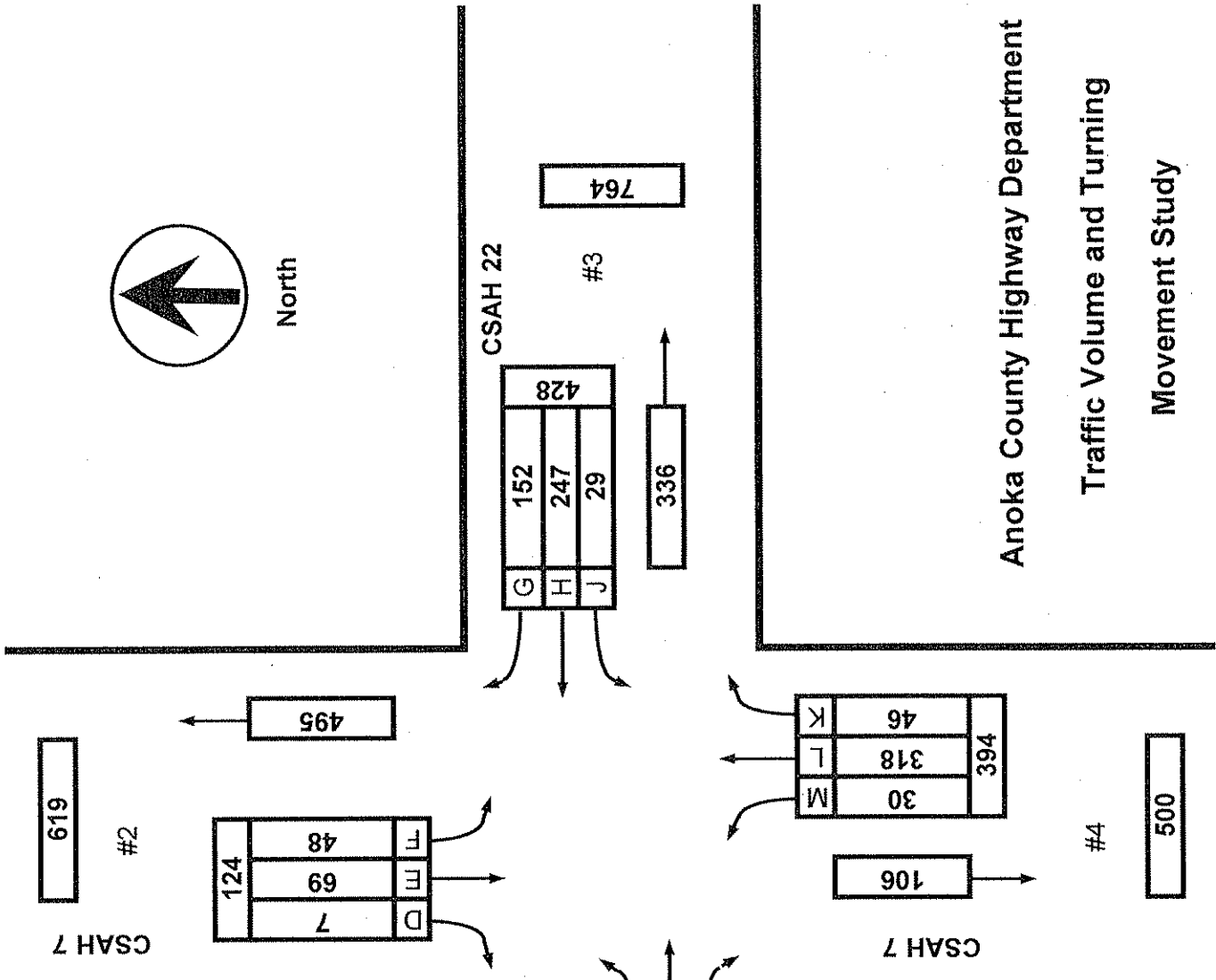
Collection Period : PM PEAK

Hour : 4:30 PM - 5:30 PM



North

Anoka County Highway Department  
Traffic Volume and Turning  
Movement Study



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



# Anoka County Highway Department

## Traffic Engineering Section

### Traffic Volume and Turning Movement Study

File Name : TMC 1323  
 Site Code : 13230202  
 Start Date : 07/01/2013  
 Page No : 1

Weather: Warm & Sunny  
 Counter: DB-400  
 study conducted by: Kate & Katelyn

Groups Printed- Unshifted

Start Time	CSAH 7 Southbound					CSAH 22 Westbound					CSAH 7 Northbound					CSAH 22 Eastbound					Exclu. Total	Inclu. 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			
06:00 AM	28	84	5	4	117	5	28	3	0	36	1	7	2	1	10	0	16	12	2	28	7	191	198
06:15 AM	22	93	4	1	119	12	49	5	2	66	0	6	1	0	7	0	36	17	4	53	7	245	252
06:30 AM	25	87	16	4	128	3	41	5	2	49	0	6	2	2	8	0	24	9	5	33	13	218	231
06:45 AM	19	74	3	5	96	9	32	5	1	46	0	3	2	0	5	1	41	8	4	50	10	197	207
Total	94	338	28	14	460	29	150	18	5	197	1	22	7	3	30	1	117	46	15	164	37	851	888
07:00 AM	26	55	9	1	90	5	44	6	2	55	1	8	4	0	13	0	30	2	6	32	9	190	199
07:15 AM	29	63	5	2	97	6	39	4	4	49	6	21	2	1	29	3	40	12	5	55	12	230	242
07:30 AM	21	67	8	2	96	7	54	6	6	67	0	9	1	0	10	1	32	13	1	46	9	219	228
07:45 AM	12	27	4	1	43	4	37	7	2	48	1	13	3	4	17	0	27	5	2	32	9	140	149
Total	88	212	26	6	326	22	174	23	14	219	8	51	10	5	69	4	129	32	14	165	39	779	818
08:00 AM	16	50	2	2	68	2	31	6	5	39	3	11	4	2	18	2	31	1	8	34	17	159	176
08:15 AM	15	48	6	4	69	3	31	4	1	38	1	12	2	1	15	2	22	2	2	26	8	148	156
08:30 AM	17	42	1	5	60	6	23	6	2	35	1	8	6	1	15	1	32	5	3	38	11	148	159
08:45 AM	15	32	3	1	50	2	30	6	6	38	3	11	4	1	18	2	39	3	4	44	12	150	162
Total	63	172	12	12	247	13	115	22	14	150	8	42	16	5	66	7	124	11	17	142	48	605	653
09:00 AM	21	26	2	4	49	9	22	11	2	42	5	7	4	0	16	0	20	4	3	24	9	131	140
09:15 AM	9	21	1	1	31	3	37	8	2	48	0	6	4	0	10	4	26	11	3	41	6	130	136
09:30 AM	17	30	3	4	50	4	34	5	3	43	3	18	2	4	23	0	24	5	6	29	17	145	162
09:45 AM	15	15	5	2	35	4	26	14	7	44	1	12	2	2	15	2	23	3	3	28	14	122	136
Total	62	92	11	11	165	20	119	38	14	177	9	43	12	6	64	6	93	23	15	122	46	528	574
10:00 AM	20	35	3	1	58	4	20	7	2	31	1	7	5	0	13	2	27	9	3	38	6	140	146
10:15 AM	19	22	2	1	43	5	20	9	3	34	2	2	3	0	7	0	25	2	4	27	8	111	119
10:30 AM	10	22	3	2	35	3	33	9	4	45	1	17	4	1	22	5	26	0	5	31	12	133	145
10:45 AM	13	16	3	3	32	1	19	13	3	33	2	7	3	1	12	2	16	2	5	20	12	97	109
Total	62	95	11	7	168	13	92	38	12	143	6	33	15	2	54	9	94	13	17	116	38	481	519
11:00 AM	12	29	3	0	44	5	24	12	2	41	5	8	5	1	18	1	38	1	5	40	8	143	151
11:15 AM	10	15	0	0	25	4	30	9	3	43	3	11	3	2	17	1	27	2	4	30	9	115	124
11:30 AM	9	23	4	2	36	3	26	9	3	38	2	8	3	1	13	2	33	3	5	38	11	125	136
11:45 AM	17	15	0	2	32	4	26	11	1	41	2	11	2	0	15	1	26	3	0	30	3	118	121
Total	48	82	7	4	137	16	106	41	9	163	12	38	13	4	63	5	124	9	14	138	31	501	532
12:00 PM	11	17	4	2	32	6	26	14	5	46	1	10	4	0	15	1	39	3	9	43	16	136	152
12:15 PM	10	18	0	2	28	6	24	13	4	43	2	21	8	0	31	3	31	1	2	35	8	137	145
12:30 PM	7	21	2	1	30	6	26	14	5	46	1	19	4	0	24	4	31	2	6	37	12	137	149
12:45 PM	14	22	7	6	43	2	27	12	3	41	6	15	3	1	24	1	27	0	3	28	13	136	149
Total	42	78	13	11	133	20	103	53	17	176	10	65	19	1	94	9	128	6	20	143	49	546	595
01:00 PM	18	21	1	2	40	5	33	12	1	50	5	18	9	1	32	2	32	1	1	35	5	157	162
01:15 PM	4	17	0	0	21	6	36	18	3	60	0	16	5	1	21	1	33	1	3	35	7	137	144
01:30 PM	10	17	3	1	30	8	25	14	2	47	5	26	3	0	34	2	30	1	1	33	4	144	148
01:45 PM	14	18	4	1	36	4	23	14	3	41	10	10	4	0	24	2	29	1	3	32	7	133	140
Total	46	73	8	4	127	23	117	58	9	198	20	70	21	2	111	7	124	4	8	135	23	571	594
02:00 PM	18	25	4	2	47	5	32	18	3	55	3	18	7	0	28	2	41	7	4	50	9	180	189
02:15 PM	12	22	2	4	36	6	36	22	3	64	5	26	5	1	36	3	38	1	5	42	13	178	191
02:30 PM	13	16	3	1	32	5	48	21	9	74	5	32	3	2	40	4	42	1	7	47	19	193	212
02:45 PM	14	11	2	1	27	4	26	24	3	54	5	35	8	1	48	6	25	2	1	33	6	162	168
Total	57	74	11	8	142	20	142	85	18	247	18	111	23	4	152	15	146	11	17	172	47	713	760
03:00 PM	12	16	0	1	28	3	37	25	7	65	6	55	3	1	64	4	40	2	6	46	15	203	218
03:15 PM	12	9	2	0	23	1	42	20	2	63	7	73	6	2	86	7	39	2	0	48	4	220	224
03:30 PM	13	17	4	1	34	4	32	23	3	59	3	58	6	2	67	3	42	1	2	46	8	206	214
03:45 PM	13	16	2	0	31	11	44	32	5	87	3	64	11	1	78	8	50	4	1	62	7	258	265
Total	50	58	8	2	116	19	155	100	17	274	19	250	26	6	295	22	171	9	9	202	34	887	921
04:00 PM	21	15	0	3	36	5	48	28	3	81	7	52	8	2	67	6	60	1	2	67	10	251	261
04:15 PM	5	17	2	0	24	2	43	38	7	83	9	63	9	2	81	11	52	1	3	64	12	252	264
04:30 PM	8	15	0	0	23	12	62	35	5	109	5	82	13	0	100	8	59	1	2	68	7	300	307
04:45 PM	8	21	2	1	31	5	72	34	4	111	9	85	15	4	109	6	55	4	3	65	12	316	328
Total	42	68	4	4	114	24	225	135	19	384	30	282	45	8	357	31	226	7	10	264	41	1119	1160
05:00 PM	15	19	3	0	37	8	57	41	4	106	9	69	9	0	87	5	64	3	3	72	7	302	309
05:15 PM	17	14	2	1	33	4	56	42	2	102	7	82	9	1	98	6	64	0	1	70	5	303	308
05:30 PM	17	20	2	0	39	6	60	37	5	103	12	66	6	1	84	7	46	4	2	57	8	283	291



# Anoka County Highway Department

## Traffic Engineering Section

### Traffic Volume and Turning Movement Study

File Name : TMC 1323  
 Site Code : 13230202  
 Start Date : 07/01/2013  
 Page No : 2

Weather: Warm & Sunny  
 Counter: DB-400  
 study conducted by: Kate & Katelyn

Groups Printed- Unshifted

Start Time	CSAH 7 Southbound					CSAH 22 Westbound					CSAH 7 Northbound					CSAH 22 Eastbound					Excl. Total	Inclu. 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			
05:45 PM	18	20	5	1	43	8	46	31	3	85	12	61	3	2	76	7	37	5	1	49	7	253	260
Total	67	73	12	2	152	26	219	151	14	396	40	278	27	4	345	25	211	12	7	248	27	1141	1168
06:00 PM	15	24	4	1	43	5	49	27	0	81	9	54	7	2	70	6	55	4	0	65	3	259	262
06:15 PM	17	23	2	1	42	6	39	19	5	64	8	49	11	3	68	6	38	4	0	48	9	222	231
06:30 PM	12	19	4	1	35	4	38	22	1	64	7	37	3	1	47	3	34	1	2	38	5	184	189
06:45 PM	13	10	1	1	24	4	38	25	2	67	4	34	7	3	45	2	43	2	2	47	8	183	191
Total	57	76	11	4	144	19	164	93	8	276	28	174	28	9	230	17	170	11	4	198	25	848	873
07:00 PM	11	7	3	0	21	5	26	28	1	59	7	37	5	0	49	4	32	1	0	37	1	166	167
07:15 PM	18	15	1	0	34	7	19	23	0	49	5	42	5	1	52	1	31	4	0	36	1	171	172
07:30 PM	11	7	0	0	18	1	27	17	2	45	2	31	5	0	38	3	35	3	2	41	4	142	146
07:45 PM	6	8	2	1	16	6	26	23	0	55	1	20	2	1	23	6	25	4	2	35	4	129	133
Total	46	37	6	1	89	19	98	91	3	208	15	130	17	2	162	14	123	12	4	149	10	608	618
08:00 PM	9	13	2	0	24	2	15	17	0	34	2	13	2	1	17	0	26	3	1	29	2	104	106
08:15 PM	6	13	3	0	22	1	19	13	2	33	5	20	2	0	27	5	24	0	1	29	3	111	114
08:30 PM	12	7	4	0	23	4	29	14	1	47	3	23	6	3	32	0	13	1	0	14	4	116	120
08:45 PM	8	6	2	0	16	5	32	18	0	55	5	10	3	0	18	3	24	4	0	31	0	120	120
Total	35	39	11	0	85	12	95	62	3	169	15	66	13	4	94	8	87	8	2	103	9	451	460
09:00 PM	12	16	0	0	28	2	28	23	3	53	0	24	2	0	26	3	20	0	0	23	3	130	133
09:15 PM	8	12	3	0	23	2	20	12	0	34	0	25	6	2	31	2	33	1	3	36	5	124	129
09:30 PM	7	4	3	0	14	4	16	14	0	34	4	19	2	0	25	4	20	0	0	24	0	97	97
09:45 PM	6	7	0	0	13	3	23	13	2	39	2	15	4	0	21	4	14	0	0	18	2	91	93
Total	33	39	6	0	78	11	87	62	5	160	6	83	14	2	103	13	87	1	3	101	10	442	452
Grand Total	892	1606	185	90	2683	306	2161	1070	181	3537	245	1738	306	67	2289	193	2154	215	176	2562	514	11071	11585
Apprch %	33.2	59.9	6.9			8.7	61.1	30.3			10.7	75.9	13.4			7.5	84.1	8.4					
Total %	8.1	14.5	1.7		24.2	2.8	19.5	9.7		31.9	2.2	15.7	2.8		20.7	1.7	19.5	1.9		23.1	4.4	95.6	

Start Time	CSAH 7 Southbound				CSAH 22 Westbound				CSAH 7 Northbound				CSAH 22 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 06:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 06:00 AM																	
06:00 AM	28	84	5	117	5	28	3	36	1	7	2	10	0	16	12	28	191
06:15 AM	22	93	4	119	12	49	5	66	0	6	1	7	0	36	17	53	245
06:30 AM	25	87	16	128	3	41	5	49	0	6	2	8	0	24	9	33	218
06:45 AM	19	74	3	96	9	32	5	46	0	3	2	5	1	41	8	50	197
Total Volume	94	338	28	460	29	150	18	197	1	22	7	30	1	117	46	164	851
% App. Total	20.4	73.5	6.1		14.7	76.1	9.1		3.3	73.3	23.3		0.6	71.3	28		
PHF	.839	.909	.438	.898	.604	.765	.900	.746	.250	.786	.875	.750	.250	.713	.676	.774	.868

Start Time	CSAH 7 Southbound				CSAH 22 Westbound				CSAH 7 Northbound				CSAH 22 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 09:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	8	15	0	23	12	62	35	109	5	82	13	100	8	59	1	68	300
04:45 PM	8	21	2	31	5	72	34	111	9	85	15	109	6	55	4	65	316
05:00 PM	15	19	3	37	8	57	41	106	9	69	9	87	5	64	3	72	302
05:15 PM	17	14	2	33	4	56	42	102	7	82	9	98	6	64	0	70	303
Total Volume	48	69	7	124	29	247	152	428	30	318	46	394	25	242	8	275	1221
% App. Total	38.7	55.6	5.6		6.8	57.7	35.5		7.6	80.7	11.7		9.1	88	2.9		
PHF	.706	.821	.583	.838	.604	.858	.905	.964	.833	.935	.767	.904	.781	.945	.500	.955	.966



**ANOKA COUNTY HIGHWAY  
PC-WARRANTS  
TRAFFIC SIGNAL WARRANT ANALYSIS**

Study Name : TMC 1323  
Study Date : 07/02/13  
Page No. : 1

**Signal Warrants - Summary**

**Major Street Approaches**

**Eastbound: CSAH 22**  
Number of Lanes: 2  
85% Speed > 40 MPH.  
Total Approach Volume: 2,562

**Westbound: CSAH 22**  
Number of Lanes: 2  
85% Speed > 40 MPH.  
Total Approach Volume: 3,537

**Minor Street Approaches**

**Northbound: CSAH 7**  
Number of Lanes: 2  
  
Total Approach Volume: 2,289

**Southbound: CSAH 7**  
Number of Lanes: 2  
  
Total Approach Volume: 2,683

**Warrant Summary (Rural values apply.)**

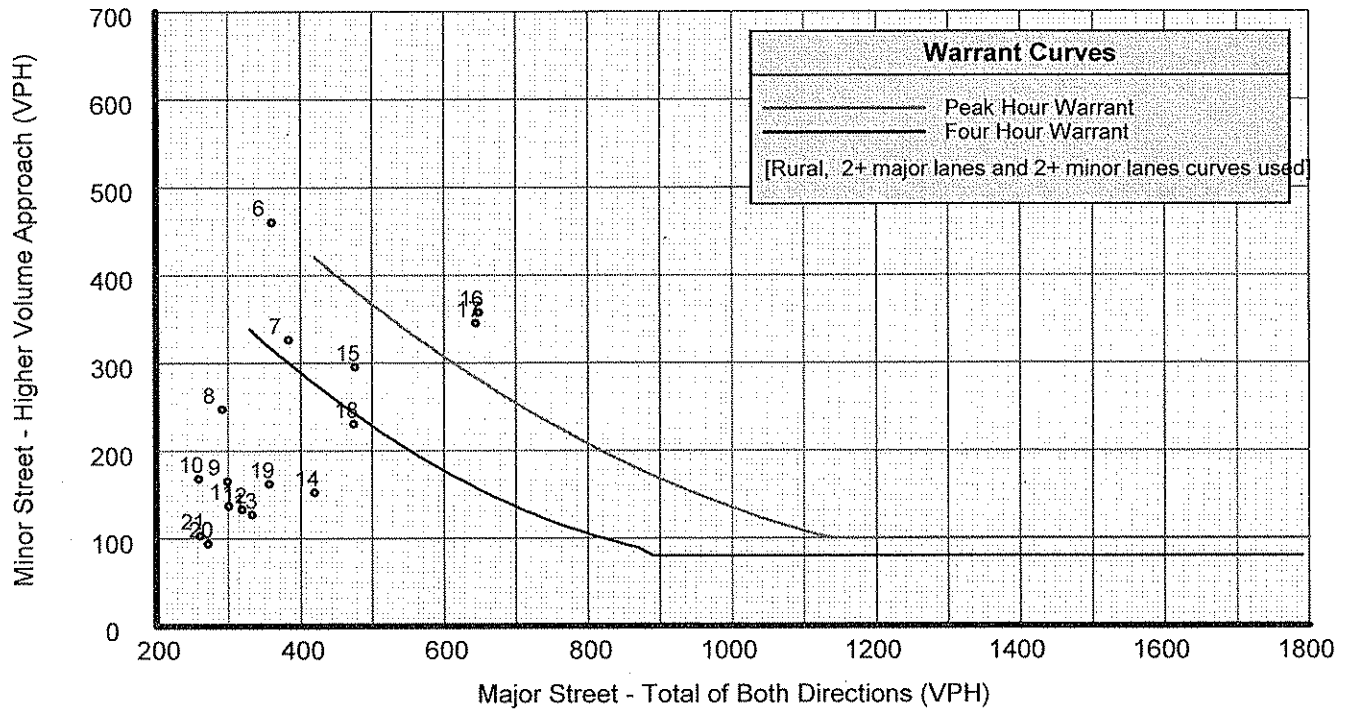
<b>Warrant 1 - Eight Hour Vehicular Volumes</b> .....	<b>Not Satisfied</b>
<b>Warrant 1A - Minimum Vehicular Volume</b> .....	<b>Not Satisfied</b>
Required volumes reached for 4 hours, 8 are needed	
<b>Warrant 1B - Interruption of Continuous Traffic</b> .....	<b>Not Satisfied</b>
Required volumes reached for 2 hours, 8 are needed	
<b>Warrant 1 A&amp;B - Combination of Warrants</b> .....	<b>Not Satisfied</b>
Required volumes reached for 2 hours, 8 are needed	
<b>Warrant 2 - Four Hour Volumes</b> .....	<b>Satisfied</b>
Number of hours (5) volumes exceed minimum >= minimum required (4).	
<b>Warrant 3 - Peak Hour</b> .....	<b>Satisfied</b>
<b>Warrant 3A - Peak Hour Delay</b> .....	<b>Satisfied</b>
Number of hours (13) volumes exceed minimum >= required (1). Delay data not evaluated.	
<b>Warrant 3B - Peak Hour Volumes</b> .....	<b>Satisfied</b>
Volumes exceed minimums for at least one hour.	
<b>Warrant 4 - Pedestrian Volumes</b> .....	<b>Not Evaluated</b>
<b>Warrant 5 - School Crossing</b> .....	<b>Not Evaluated</b>
<b>Warrant 6 - Coordinated Signal System</b> .....	<b>Not Evaluated</b>
<b>Warrant 7 - Crash Experience</b> .....	<b>Not Evaluated</b>
<b>Warrant 8 - Roadway Network</b> .....	<b>Not Evaluated</b>
<b>Warrant 9 - Intersection Near a Grade Crossing</b> .....	<b>Not Evaluated</b>



# ANOKA COUNTY HIGHWAY PC-WARRANTS TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name : TMC 1323  
Study Date : 07/02/13  
Page No. : 2

## Signal Warrants - Summary



### Analysis of 8-Hour Volume Warrants:

Hour Begin	Major Total	Higher Minor Vol	Dir	War 1A			War 1B			War 1A&B		
				Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
00:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
01:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
02:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
03:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
04:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
05:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
06:00	361	460	SB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
07:00	384	326	SB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
08:00	292	247	SB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
09:00	299	165	SB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
10:00	259	168	SB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
11:00	301	137	SB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
12:00	319	133	SB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
13:00	333	127	SB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
14:00	419	152	NB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
15:00	476	295	NB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-No	112-Yes	Minor
16:00	648	357	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
17:00	644	345	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
18:00	474	230	NB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-No	112-Yes	Minor
19:00	357	162	NB	420-No	140-Yes	Minor	630-No	70-Yes	Minor	504-No	112-Yes	Minor
20:00	272	94	NB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
21:00	261	103	NB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
22:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
23:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---



**ANOKA COUNTY HIGHWAY  
PC-WARRANTS  
TRAFFIC SIGNAL WARRANT ANALYSIS**

Study Name : TMC 1323 MW  
Study Date : 07/02/13  
Page No. : 1

**Multi-Way Stop Warrant Report**

**Major Street Approaches**

**Eastbound: CSAH 22**  
Total Approach Volume: 2,562  
85% Speed > 40 MPH.

**Westbound: CSAH 22**  
Total Approach Volume: 3,537  
85% Speed > 40 MPH.

**Minor Street Approaches**

**Northbound: CSAH 7**  
Total Approach Volume: 2,289

**Southbound: CSAH 7**  
Total Approach Volume: 2,683

**Warrant Summary**

**Criteria A - Interim Measure** ..... Not Evaluated  
If traffic signals are justified, stop signs can be installed as an interim measure.

**Criteria B - Crash Experience** ..... Not Evaluated

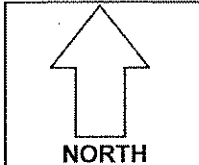
**Criteria C - Minimum Volumes and Delays** ..... Satisfied  
Delay data not evaluated  
Required volumes reached for 16 hours, 8 are needed

**Criteria D - 80% of Volumes, Delays, and Crashes** ..... Not Evaluated  
Delay data not evaluated  
Number of crashes (-1) is less than the minimum required (4).  
Required volumes reached for 0 hours, 8 are needed

**Analysis of 8 Hour Volume Warrants:**

Time	Major Total	Minor Total	Crit C			Crit D		
			Major	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
05:45 - 06:45	265	389	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
06:45 - 07:45	400	436	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:45 - 08:45	290	305	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:45 - 09:45	309	247	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
09:45 - 10:45	278	228	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
10:45 - 11:45	283	197	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
11:45 - 12:45	321	207	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
12:45 - 13:45	329	245	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
13:45 - 14:45	405	279	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
14:45 - 15:45	414	377	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:45 - 16:45	621	440	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:45 - 17:45	686	518	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:45 - 18:45	494	424	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:45 - 19:45	381	281	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
19:45 - 20:45	276	184	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
20:45 - 21:45	290	181	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
00:00 - 01:00	0	0	210-No	140-No	No	240-No	160-No	No
00:15 - 01:15	0	0	210-No	140-No	No	240-No	160-No	No
00:30 - 01:30	0	0	210-No	140-No	No	240-No	160-No	No
00:45 - 01:45	0	0	210-No	140-No	No	240-No	160-No	No
01:00 - 02:00	0	0	210-No	140-No	No	240-No	160-No	No
01:15 - 02:15	0	0	210-No	140-No	No	240-No	160-No	No
01:30 - 02:30	0	0	210-No	140-No	No	240-No	160-No	No
01:45 - 02:45	0	0	210-No	140-No	No	240-No	160-No	No

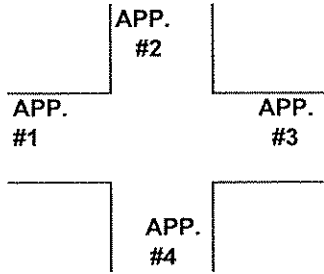




COUNT LOCATION: CSAH 22 (Viking Blvd.)  
@ CSAH 7 (Rum River Blvd.)

DATE: 07/02/2013

APP. #1 = CSAH 22
APP. #2 = CSAH 7
APP. #3 = CSAH 22
APP. #4 = CSAH 7



- 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		
6:15-6:30						7		
6:30-6:45						11		1
6:45-7:00						10		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>35</b>
7:00-7:15						9		
7:15-7:30						10		
7:30-7:45						9		
7:45-8:00						7		2
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>37</b>
8:00-8:15						16		1
8:15-8:30						8		
8:30-8:45	1				1	10	1	
8:45-9:00						10		2
<b>HOURLY TOTAL</b>					<b>1</b>	<b>HOURLY TOTAL</b>		<b>48</b>
9:00-9:15						9		
9:15-9:30						6		
9:30-9:45						14		2
9:45-10:00						13		1
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>45</b>
10:00-10:15			2		2	6		
10:15-10:30				1	1	9		
10:30-10:45						10	1	
10:45-11:00						12		
<b>HOURLY TOTAL</b>					<b>3</b>	<b>HOURLY TOTAL</b>		<b>38</b>
11:00-11:15						8		
11:15-11:30						6	2	1
11:30-11:45						10		
11:45-12:00		1			1	3		
<b>HOURLY TOTAL</b>					<b>1</b>	<b>HOURLY TOTAL</b>		<b>30</b>
12:00-12:15	1				1	13		2
12:15-12:30						5	1	1
12:30-12:45		2			2	10	1	1
12:45-1:00						13		
<b>HOURLY TOTAL</b>					<b>3</b>	<b>HOURLY TOTAL</b>		<b>47</b>
1:00-1:15						5		
1:15-1:30						7		
1:30-1:45						4		
1:45-2:00						7		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>23</b>
<b>TOTAL</b>					<b>8</b>	<b>TOTAL</b>		<b>303</b>

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**NORTH**

**COUNT LOCATION:**

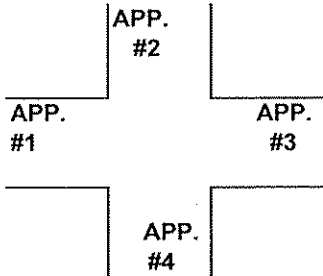
CSAH 22 (Viking Blvd.)

**DATE:**

07/01/2013

@ CSAH 7 (Rum River Blvd.)

APP. #1 = CSAH 22
APP. #2 = CSAH 7
APP. #3 = CSAH 22
APP. #4 = CSAH 7



- 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						9		1
2:15-2:30						9		
2:30-2:45						17		2
2:45-3:00						8		
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>46</b>
3:00-3:15			2		2	14		
3:15-3:30						4		
3:30-3:45						8		
3:45-4:00						6		
<b>HOURLY TOTAL</b>					<b>2</b>	<b>HOURLY TOTAL</b>		<b>32</b>
4:00-4:15						10		
4:15-4:30				1	1	11		1
4:30-4:45						6		1
4:45-5:00		2			2	11		
<b>HOURLY TOTAL</b>					<b>3</b>	<b>HOURLY TOTAL</b>		<b>40</b>
5:00-5:15						7	1	
5:15-5:30				1	1	4		
5:30-5:45						6		1
5:45-6:00						6		
<b>HOURLY TOTAL</b>					<b>1</b>	<b>HOURLY TOTAL</b>		<b>25</b>
6:00-6:15	2				2	2		
6:15-6:30						9		1
6:30-6:45						5		
6:45-7:00						8		
<b>HOURLY TOTAL</b>					<b>2</b>	<b>HOURLY TOTAL</b>		<b>25</b>
7:00-7:15						1		
7:15-7:30			1		1	1		
7:30-7:45						4		
7:45-8:00	1				1	4		
<b>HOURLY TOTAL</b>					<b>2</b>	<b>HOURLY TOTAL</b>		<b>10</b>
8:00-8:15						2		
8:15-8:30				1	1	3		
8:30-8:45			1		1	4		
8:45-9:00		2			2			
<b>HOURLY TOTAL</b>					<b>4</b>	<b>HOURLY TOTAL</b>		<b>9</b>
9:00-9:15						3		
9:15-9:30			2		2	4		1
9:30-9:45								
9:45-10:00						2		
<b>HOURLY TOTAL</b>					<b>2</b>	<b>HOURLY TOTAL</b>		<b>10</b>
					<b>TOTAL</b>		<b>TOTAL</b>	<b>500</b>
					<b>24</b>			

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