

Date : 02/26/13

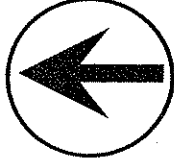
Count Number : TMC1308

Location : CSAH 1 (Coon Rapids Blvd.)

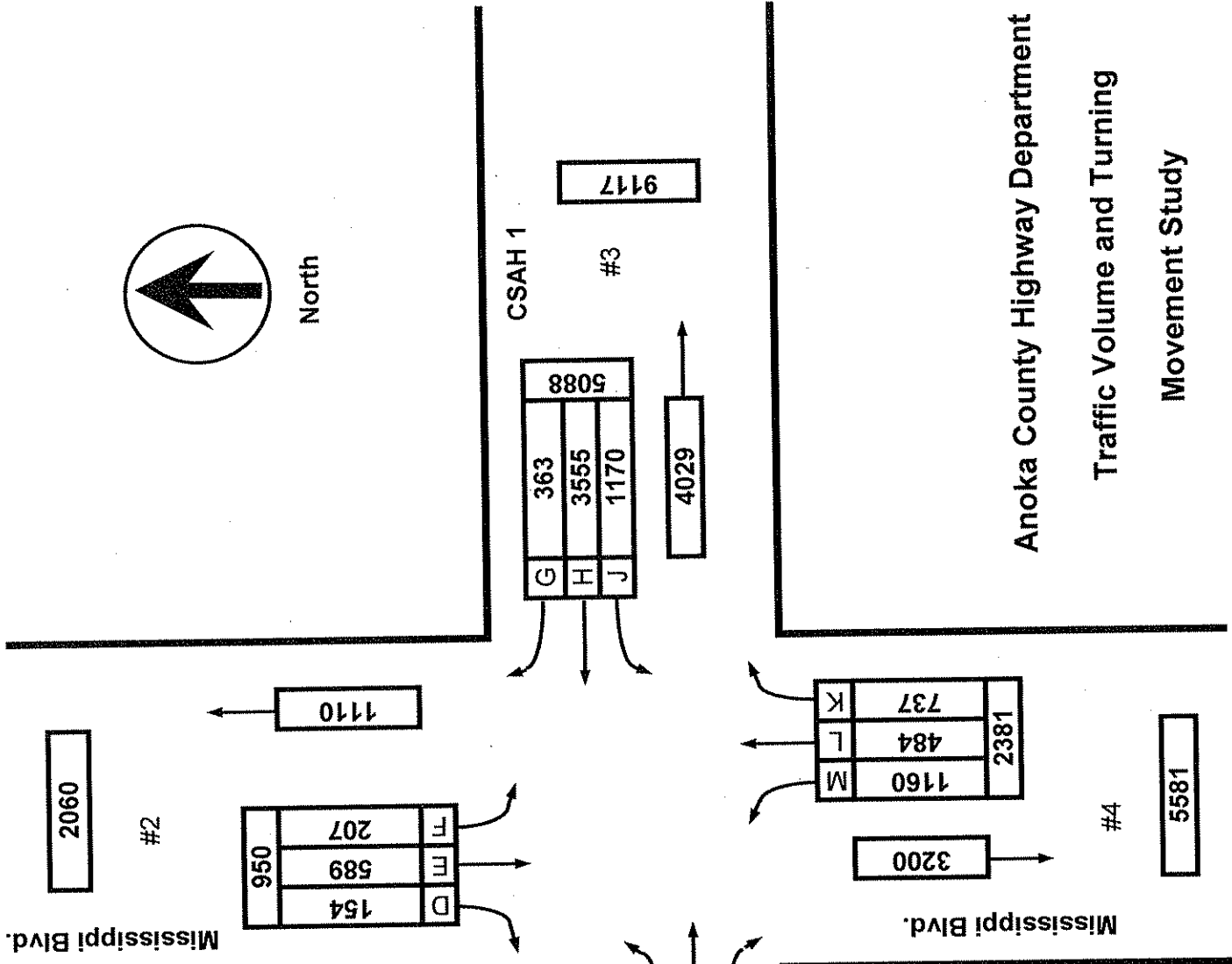
@ Mississippi Blvd.

Collection Period : PEAK HOURS

6:30-9 AM, 12-2 PM, & 3:45-6:30 PM



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	1	1	3

Anoka County Highway Department
Traffic Volume and Turning
Movement Study

Date : 02/26/13

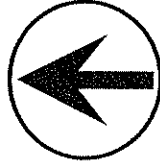
Count Number : TMC1308

Location : CSAH 1 (Coon Rapids Blvd.)

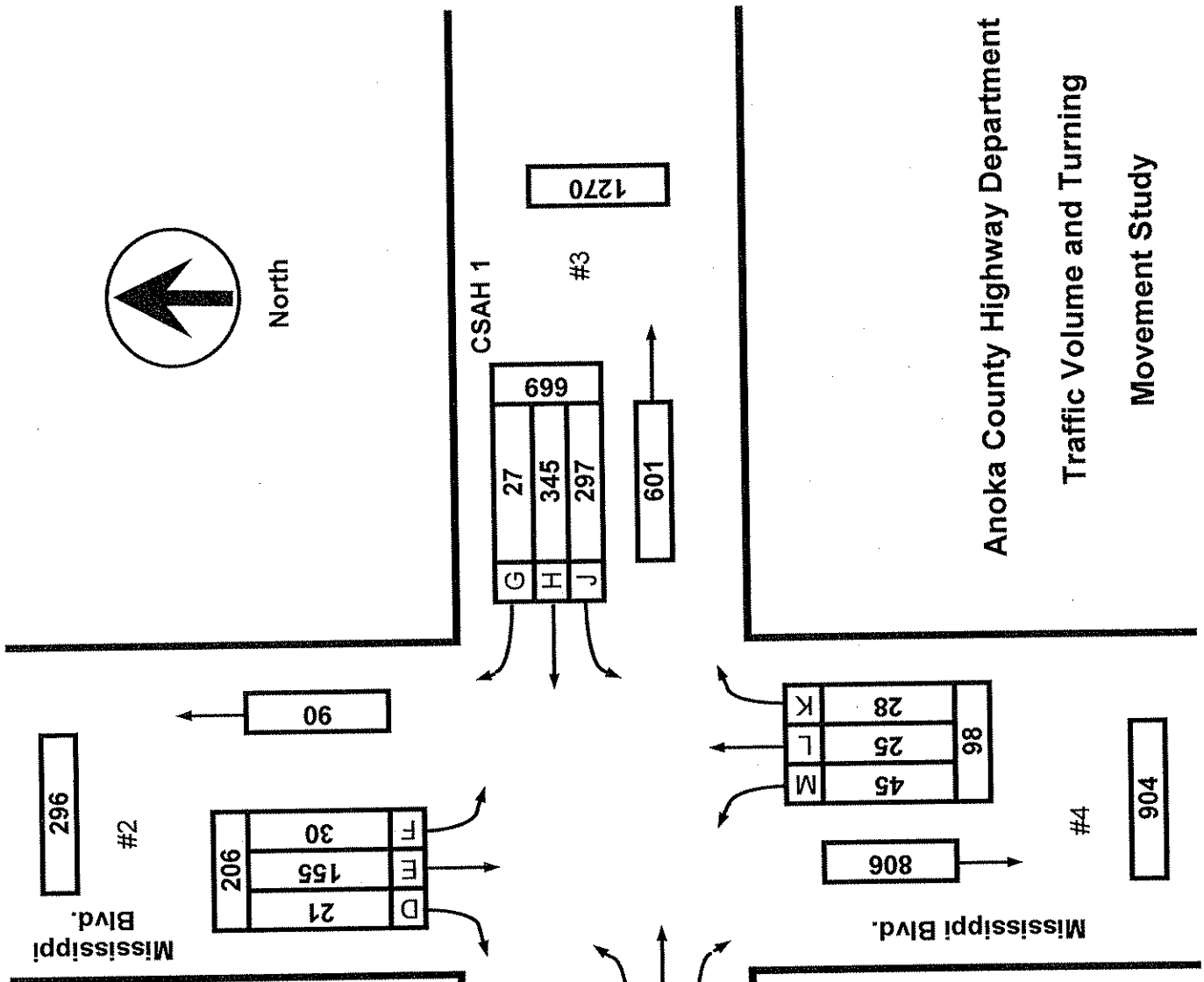
@ Mississippi Blvd.

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	1	1	3

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 02/26/13

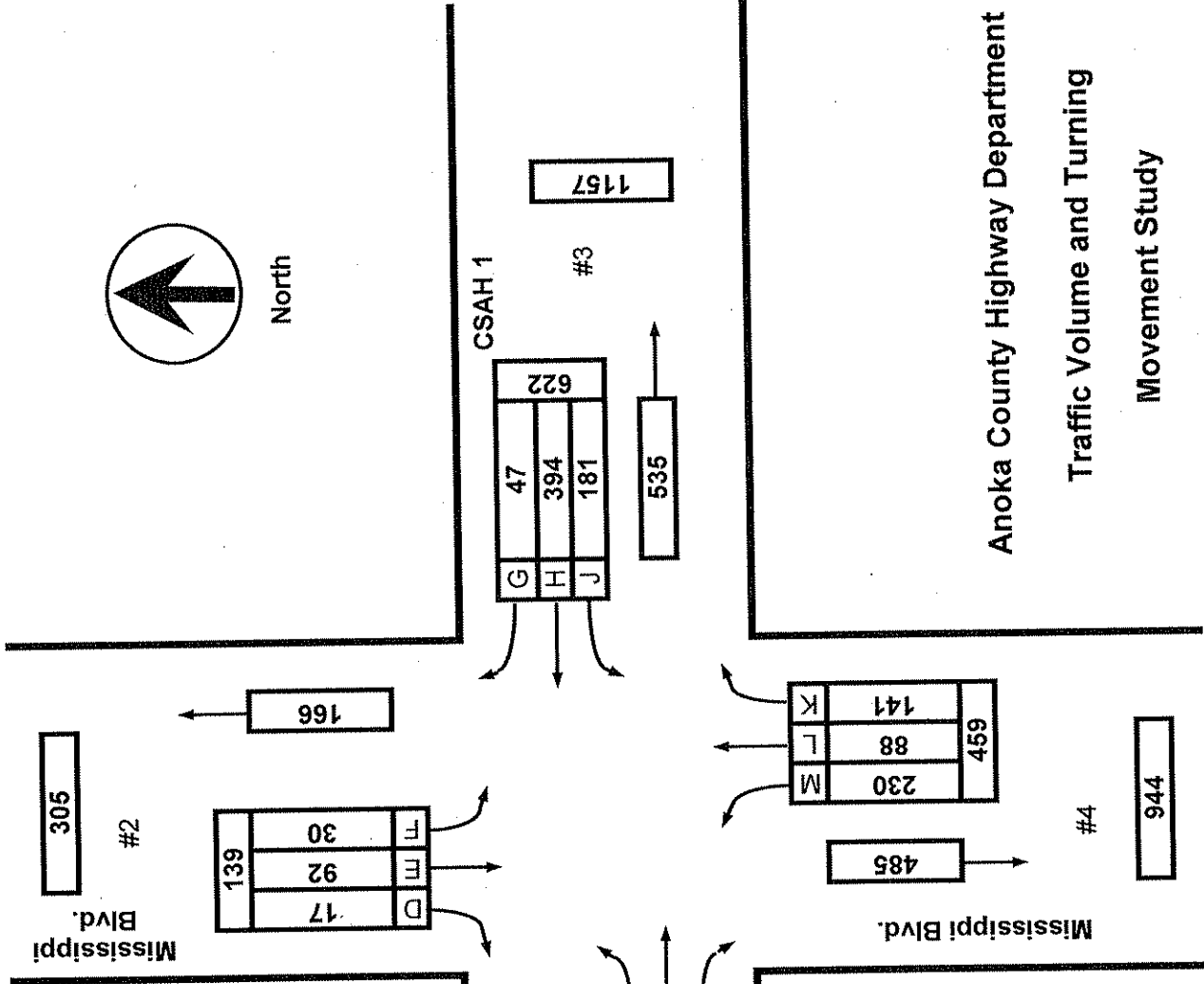
Count Number : TMC1308

Location : CSAH 1 (Coon Rapids Blvd.)

@ Mississippi Blvd.

Collection Period : MIDDAY PEAK

Hour : 12:00 PM - 1:00 PM



305

#2

139	D	17
92	M	92
30	T	30

166

47	G	622
394	H	
181	J	

535

1157

141	K	459
88	L	
230	M	

485

#4

944

641

#1

31	C	607
364	B	
212	A	

1248

CSAH 1

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

Date : 02/26/13

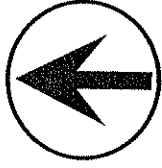
Count Number : TMC1308

Location : CSAH 1 (Coon Rapids Blvd.)

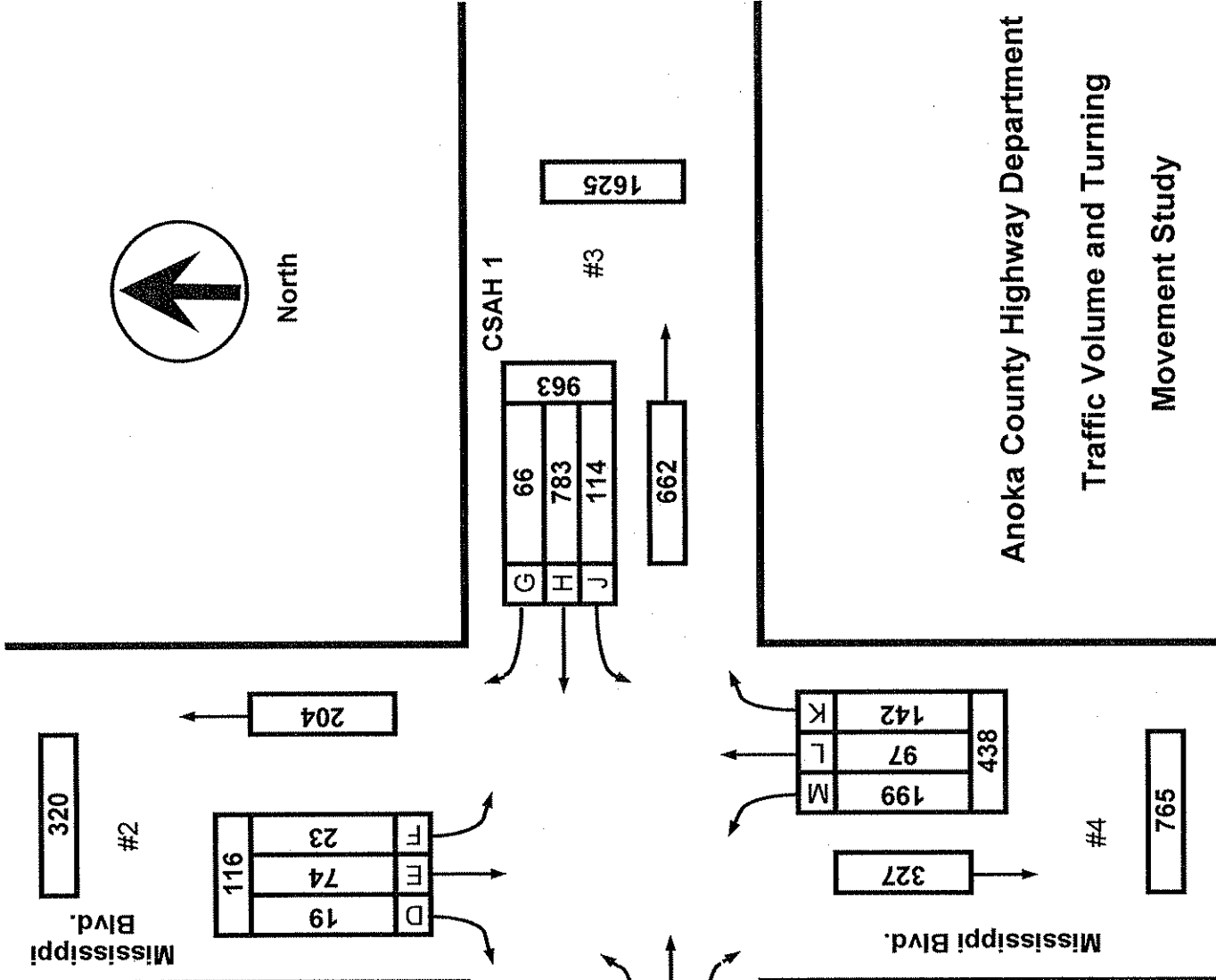
@ Mississippi Blvd.

Collection Period : PM PEAK

Hour : 4:30 PM - 5:30 PM



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	1	1	3

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 1308
 Site Code : 13080202
 Start Date : 02/26/2013
 Page No : 1

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

Groups Printed- Unshifted

Start Time	Mississippi Blvd. Southbound					CSAH 1 Westbound					Mississippi 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	11	7	9	1	27	5	57	9	1	71	15	4	6	0	25	5	124	14	9	143	11	266	277
06:45 AM	9	8	6	1	23	11	75	9	4	95	10	4	8	3	22	8	130	15	9	153	17	293	310
Total	20	15	15	2	50	16	132	18	5	166	25	8	14	3	47	13	254	29	18	296	28	559	587
07:00 AM	13	10	1	1	24	16	69	1	2	86	19	8	8	1	35	11	133	29	8	173	12	318	330
07:15 AM	9	31	7	2	47	35	80	4	3	119	9	3	5	2	17	9	149	54	8	212	15	395	410
07:30 AM	5	49	4	0	58	107	91	10	4	208	9	9	7	0	25	11	154	120	12	285	16	576	592
07:45 AM	9	56	6	1	71	118	111	6	15	235	16	7	9	0	32	7	128	135	4	270	20	608	628
Total	36	146	18	4	200	276	351	21	24	648	53	27	29	3	109	38	564	338	32	940	63	1897	1960
08:00 AM	7	19	4	0	30	37	63	7	3	107	11	6	7	1	24	11	112	45	5	168	9	329	338
08:15 AM	5	18	7	0	30	24	63	9	3	96	22	5	14	2	41	7	95	41	9	143	14	310	324
08:30 AM	4	13	7	1	24	51	65	9	10	125	18	3	12	2	33	3	84	65	6	152	19	334	353
08:45 AM	3	50	4	0	57	62	98	9	6	169	45	16	21	3	82	7	95	105	4	207	13	515	528
Total	19	100	22	1	141	174	289	34	22	497	96	30	54	8	180	28	386	256	24	670	55	1488	1543
*** BREAK ***																							
12:00 PM	6	18	6	2	30	45	108	10	6	163	43	21	28	1	92	10	90	61	1	161	10	446	456
12:15 PM	6	34	5	0	45	51	92	15	5	158	82	32	37	0	151	10	97	61	4	168	9	522	531
12:30 PM	11	18	3	0	32	49	87	13	1	149	48	18	29	1	95	6	95	43	5	144	7	420	427
12:45 PM	7	22	3	0	32	36	107	9	7	152	57	17	47	2	121	5	82	47	4	134	13	439	452
Total	30	92	17	2	139	181	394	47	19	622	230	88	141	4	459	31	364	212	14	607	39	1827	1866
01:00 PM	5	12	0	0	17	25	92	6	4	123	54	21	24	0	99	9	76	31	4	116	8	355	363
01:15 PM	7	11	11	2	29	21	105	10	7	136	33	19	22	4	74	10	83	27	5	120	18	359	377
01:30 PM	13	15	3	0	31	32	139	11	7	182	65	21	36	0	122	9	97	46	3	152	10	487	497
01:45 PM	9	16	5	0	30	34	130	17	4	181	130	51	85	0	266	9	85	52	5	146	9	623	632
Total	34	54	19	2	107	112	466	44	22	622	282	112	167	4	561	37	341	156	17	534	45	1824	1869
*** BREAK ***																							
03:45 PM	6	12	6	2	24	25	183	20	4	228	63	23	23	5	109	9	111	27	1	147	12	508	520
Total	6	12	6	2	24	25	183	20	4	228	63	23	23	5	109	9	111	27	1	147	12	508	520
04:00 PM	6	8	6	1	20	24	167	18	3	209	46	22	42	1	110	12	109	30	1	151	6	490	496
04:15 PM	5	8	2	0	15	20	205	11	6	236	32	19	26	1	77	9	125	37	5	171	12	499	511
04:30 PM	5	25	6	1	36	30	181	12	5	223	57	28	42	2	127	14	157	34	1	205	9	591	600
04:45 PM	8	12	3	0	23	33	217	18	6	268	61	32	57	0	150	8	120	41	1	169	7	610	617
Total	24	53	17	2	94	107	770	59	20	936	196	101	167	4	464	43	511	142	8	696	34	2190	2224
05:00 PM	4	16	4	1	24	15	195	15	4	225	47	21	21	1	89	10	112	27	1	149	7	487	494
05:15 PM	6	21	6	0	33	36	190	21	2	247	34	16	22	0	72	9	108	37	5	154	7	508	513
05:30 PM	2	14	8	0	24	40	179	17	1	236	29	14	24	0	67	10	91	47	1	148	2	475	477
05:45 PM	6	24	4	0	34	56	144	21	2	221	41	12	26	0	79	13	90	62	1	165	3	499	502
Total	18	75	22	1	115	147	708	74	9	929	151	63	93	1	307	42	401	173	8	616	19	1967	1986
06:00 PM	8	19	9	0	36	64	147	29	1	240	29	13	27	1	69	12	69	57	2	138	4	483	487
06:15 PM	12	23	9	0	44	68	115	17	1	200	35	19	22	0	76	10	84	51	0	145	1	465	466
Grand Total	207	589	154	16	950	1170	3555	363	127	5088	1160	484	737	33	2381	263	3085	1441	124	4789	300	13208	13508
Apprch %	21.8	62	16.2			23	69.9	7.1			48.7	20.3	31			5.5	64.4	30.1					
Total %	1.6	4.5	1.2		7.2	8.9	26.9	2.7		38.5	8.8	3.7	5.6		18	2	23.4	10.9		36.3	2.2	97.8	



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

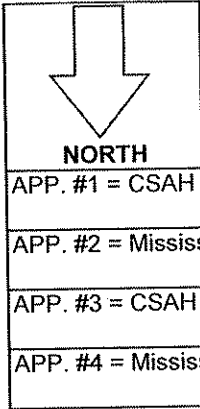
File Name : TMC 1308
 Site Code : 13080202
 Start Date : 02/26/2013
 Page No : 2

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

Start Time	Mississippi Blvd. Southbound				CSAH 1 Westbound				Mississippi 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 09:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	9	31	7	47	35	80	4	119	9	3	5	17	9	149	54	212	395
07:30 AM	5	49	4	58	107	91	10	208	9	9	7	25	11	154	120	285	576
07:45 AM	9	56	6	71	118	111	6	235	16	7	9	32	7	128	135	270	608
08:00 AM	7	19	4	30	37	63	7	107	11	6	7	24	11	112	45	168	329
Total Volume	30	155	21	206	297	345	27	669	45	25	28	98	38	543	354	935	1908
% App. Total	14.6	75.2	10.2		44.4	51.6	4		45.9	25.5	28.6		4.1	58.1	37.9		
PHF	.833	.692	.750	.725	.629	.777	.675	.712	.703	.694	.778	.766	.864	.881	.656	.820	.785

Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 12:00 PM																	
12:00 PM	6	18	6	30	45	108	10	163	43	21	28	92	10	90	61	161	446
12:15 PM	6	34	5	45	51	92	15	158	82	32	37	151	10	97	61	168	522
12:30 PM	11	18	3	32	49	87	13	149	48	18	29	95	6	95	43	144	420
12:45 PM	7	22	3	32	36	107	9	152	57	17	47	121	5	82	47	134	439
Total Volume	30	92	17	139	181	394	47	622	230	88	141	459	31	364	212	607	1827
% App. Total	21.6	66.2	12.2		29.1	63.3	7.6		50.1	19.2	30.7		5.1	60	34.9		
PHF	.682	.676	.708	.772	.687	.912	.783	.954	.701	.688	.750	.760	.775	.938	.869	.903	.875

Peak Hour Analysis From 02:00 PM to 06:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	5	25	6	36	30	181	12	223	57	28	42	127	14	157	34	205	591
04:45 PM	8	12	3	23	33	217	18	268	61	32	57	150	8	120	41	169	610
05:00 PM	4	16	4	24	15	195	15	225	47	21	21	89	10	112	27	149	487
05:15 PM	6	21	6	33	36	190	21	247	34	16	22	72	9	108	37	154	506
Total Volume	23	74	19	116	114	783	66	963	199	97	142	438	41	497	139	677	2194
% App. Total	19.8	63.8	16.4		11.8	81.3	6.9		45.4	22.1	32.4		6.1	73.4	20.5		
PHF	.719	.740	.792	.806	.792	.902	.786	.898	.816	.758	.623	.790	.732	.791	.848	.826	.899



COUNT LOCATION:

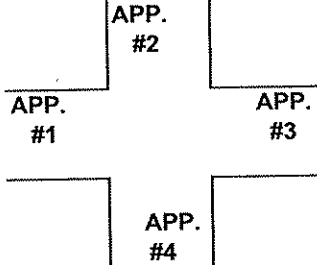
CSAH 1 (Coon Rapids Blvd.)

DATE:

02/26/2013

@ Mississippi Blvd.

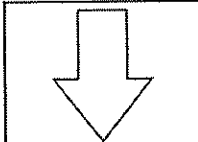
APP. #1 = CSAH 1
 APP. #2 = Mississippi Blvd.
 APP. #3 = CSAH 1
 APP. #4 = Mississippi Blvd.



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				1	6		5
6:45-7:00		1	1		2	7		11
HOURLY TOTAL					3			29
7:00-7:15						2		9
7:15-7:30		1	1	1	3	3		12
7:30-7:45	2	1	3	1	7	3		13
7:45-8:00				1	1	1		19
HOURLY TOTAL					11	HOURLY TOTAL		62
8:00-8:15		3			3	4		5
8:15-8:30			5		5	4		10
8:30-8:45			3		3	8		11
8:45-9:00						3		10
HOURLY TOTAL					11	HOURLY TOTAL		55
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						7		3
12:15-12:30		4	5		9	4		7
12:30-12:45						2		3
12:45-1:00	1				1	7		6
HOURLY TOTAL					10	HOURLY TOTAL		39
1:00-1:15						4		3
1:15-1:30		2	1		3	11		7
1:30-1:45				1	1	4		6
1:45-2:00	1	1		1	3	1		8
HOURLY TOTAL					7	HOURLY TOTAL		44
TOTAL					42	TOTAL		229

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COUNT LOCATION:

CSAH 1 (Coon Rapids Blvd.)

DATE:

02/26/2013

@ Mississippi Blvd.

NORTH
APP. #1 = CSAH 1
APP. #2 = Mississippi Blvd.
APP. #3 = CSAH 1
APP. #4 = Mississippi 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								
3:45-4:00	2		1		3	5		7
HOURLY TOTAL					3	HOURLY TOTAL		12
4:00-4:15		1	1		2	3		3
4:15-4:30		2	6	3	11	6		7
4:30-4:45								8
4:45-5:00	2		1		3	1		6
HOURLY TOTAL					16	HOURLY TOTAL		34
5:00-5:15	2		1	1	4	3		4
5:15-5:30		5	1		6	1		6
5:30-5:45		5			5	1		1
5:45-6:00			5		5	1		2
HOURLY TOTAL					20	HOURLY TOTAL		19
6:00-6:15	2		1	1	4	2		2
6:15-6:30			2		2	1		
6:30-6:45								
6:45-7:00								
HOURLY TOTAL					6	HOURLY TOTAL		5
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					87	TOTAL		299

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