

Date : 02/14/13

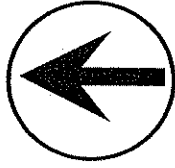
Count Number : TMC1304

Location : CSAH 1 (Coon Rapids Blvd.)

@ CSAH 78 (Hanson Blvd.)

Collection Period : PEAK HOURS

6:15-8:15 AM, 1-2 PM, & 4-6 PM



North

5430

#2

CSAH 78

2774			
731	D		
500	E		
1543	F		
	T		

2656

CSAH 1 (Coon Rapids Blvd.)

#1

9516

5082

4434			
183	A		
3601	B		
650	C		

1531	G		
4150	H		
274	J		
5955			

#3

11567

5612

CSAH 1 (Coon Rapids Blvd.)

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

201	M		
475	L		
468	K		
1144			

#4

957

CSAH 78 (Hanson Blvd.)

2101

Anoka County Highway Department

Traffic Volume and Turning

Movement Study

Date : 02/14/13

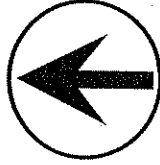
Count Number : TMC1304

Location : CSAH 1 (Coon Rapids Blvd.)

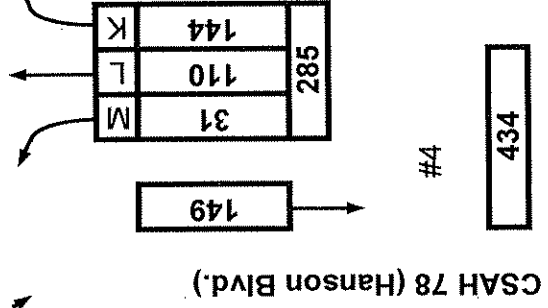
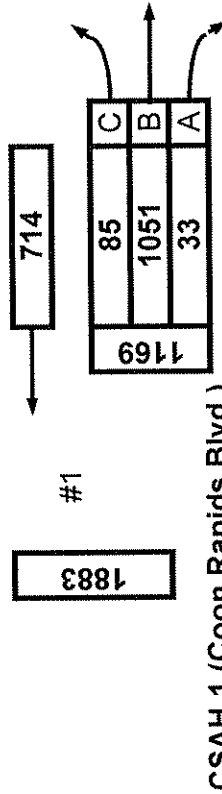
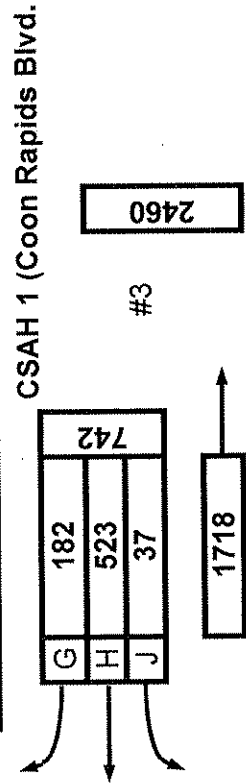
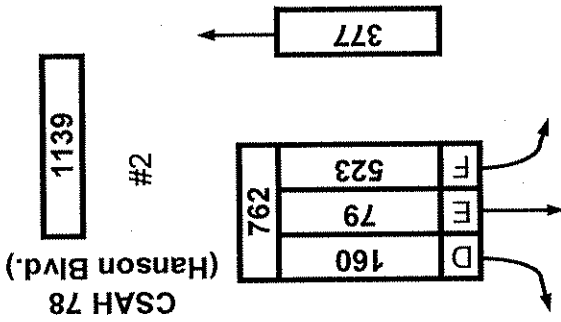
@ CSAH 78 (Hanson Blvd.)

Collection Period : AM PEAK

Hour : 7:00 - 8:00 AM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 02/13/13

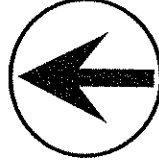
Count Number : TMC1304

Location : CSAH 1 (Coon Rapids Blvd.)

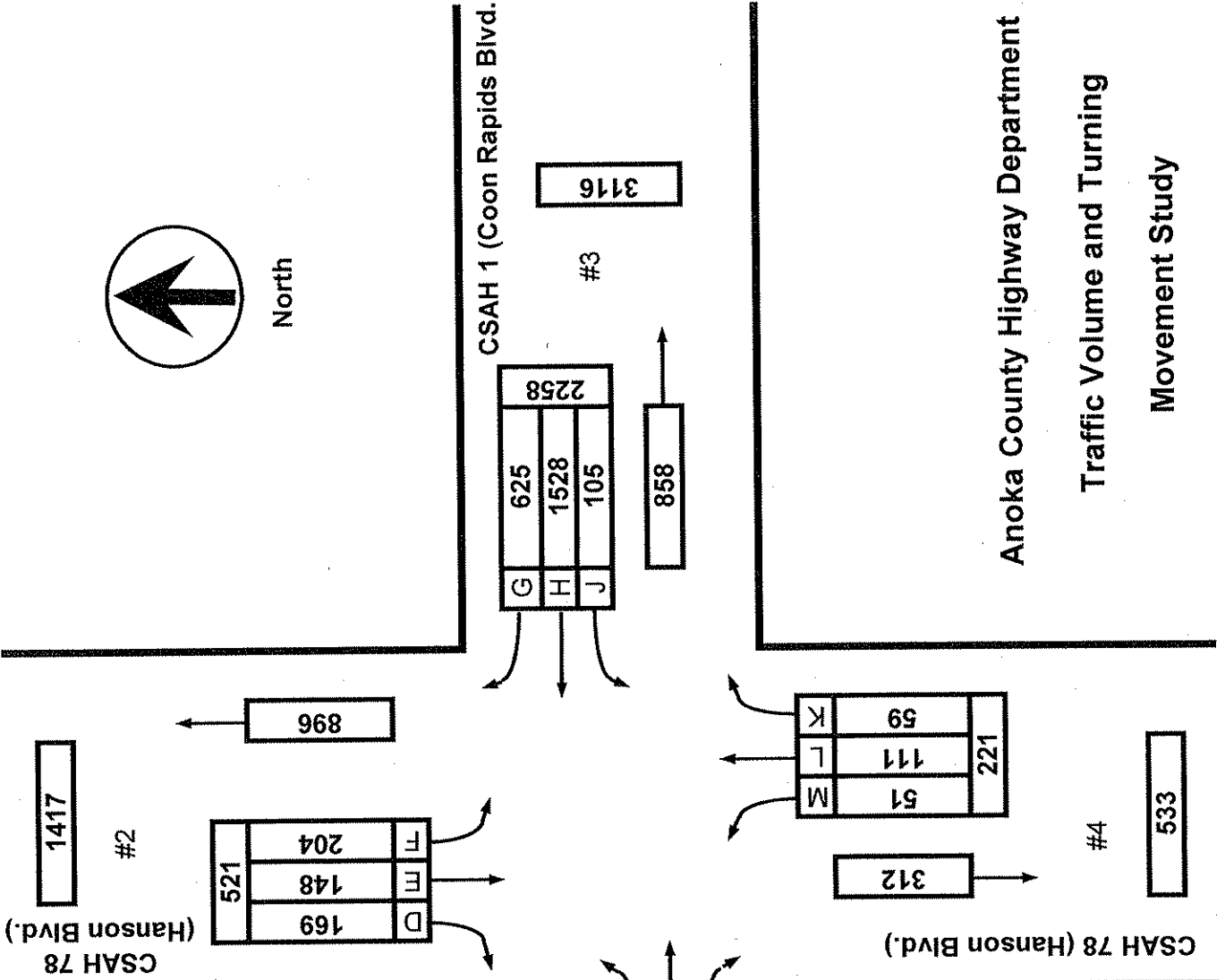
@ CSAH 78 (Hanson Blvd.)

Collection Period : PM PEAK

Hour : 4:45 PM - 5:45 PM



North



	EXISTING LANES OF APPROACH			TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	1	1	2	4
#2	1	2	1	4
#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 1304
 Site Code : 13040203
 Start Date : 02/13/2013
 Page No : 1

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

Groups Printed- Unshifted

Start Time	CSAH 78 Southbound					CSAH 1 Westbound					Hanson Blvd. Northbound					CSAH 1 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			
06:15 AM	89	6	6	2	101	2	43	16	2	61	6	14	48	1	68	16	168	3	5	187	10	417	427
06:30 AM	116	7	12	6	135	2	62	21	3	85	2	15	47	0	64	9	232	4	6	245	15	529	544
06:45 AM	149	16	11	4	176	5	78	25	4	108	4	16	31	2	51	9	226	6	8	241	18	576	594
Total	354	29	29	12	412	9	183	62	9	254	12	45	126	3	183	34	626	13	19	673	43	1522	1565
07:00 AM	130	18	11	6	159	4	79	54	5	137	8	26	47	1	81	8	270	10	11	288	23	665	688
07:15 AM	130	28	29	2	187	16	105	49	6	170	7	36	29	0	72	20	278	5	6	303	14	732	746
07:30 AM	148	23	60	8	231	8	135	39	7	182	7	21	41	2	69	18	247	10	13	275	30	757	787
07:45 AM	115	10	60	7	185	9	204	40	8	253	9	27	27	9	63	39	256	8	10	303	34	804	838
Total	523	79	160	23	762	37	523	182	26	742	31	110	144	12	285	85	1051	33	40	1169	101	2958	3059
08:00 AM	113	22	38	4	173	5	105	29	9	139	9	16	23	1	48	20	220	6	8	246	22	606	628
*** BREAK ***																							
Total	113	22	38	4	173	5	105	29	9	139	9	16	23	1	48	20	220	6	8	246	22	606	628
*** BREAK ***																							
01:00 PM	44	20	39	2	103	11	133	38	4	182	11	21	11	1	43	66	157	9	3	232	10	560	570
01:15 PM	41	20	36	2	97	5	123	43	5	171	10	14	12	3	36	46	135	12	6	193	16	497	513
01:30 PM	20	12	40	2	72	9	153	35	4	197	13	16	10	0	39	41	116	3	5	160	11	468	479
01:45 PM	43	29	38	6	110	10	163	47	8	220	9	17	17	2	43	46	161	6	19	213	35	586	621
Total	148	81	153	12	382	35	572	163	21	770	43	68	50	6	161	199	569	30	33	798	72	2111	2183
*** BREAK ***																							
04:00 PM	58	42	47	0	147	19	261	85	5	365	16	36	21	1	73	34	157	10	6	201	12	786	798
04:15 PM	49	39	40	3	128	19	355	125	12	499	12	39	16	4	67	37	144	9	3	190	22	884	906
04:30 PM	41	27	49	2	117	24	333	169	18	526	12	21	19	1	52	50	123	10	4	183	25	878	903
04:45 PM	30	39	38	2	107	28	323	171	11	522	17	41	16	0	74	49	158	8	2	215	15	918	933
Total	178	147	174	7	499	90	1272	550	46	1912	57	137	72	6	266	170	582	37	15	789	74	3466	3540
05:00 PM	45	30	50	3	125	22	401	177	6	600	10	30	7	0	47	46	149	18	1	213	10	985	995
05:15 PM	91	42	39	4	172	24	372	136	3	532	12	19	14	0	45	29	166	11	3	206	10	955	965
05:30 PM	38	37	42	1	117	31	432	140	3	603	12	21	22	0	55	36	122	22	2	180	6	955	961
05:45 PM	53	33	46	1	132	21	290	92	4	403	15	29	10	0	54	31	116	13	3	160	8	749	757
Total	227	142	177	9	546	98	1495	545	16	2138	49	99	53	0	201	142	553	64	9	759	34	3644	3678
Grand Total	1543	500	731	67	2774	274	4150	1531	127	5955	201	475	468	28	1144	650	3601	183	124	4434	346	14307	14653
Apprch %	55.6	18	26.4			4.6	69.7	25.7			17.6	41.5	40.9			14.7	81.2	4.1					
Total %	10.8	3.5	5.1		19.4	1.9	29	10.7		41.6	1.4	3.3	3.3		8	4.5	25.2	1.3		31	2.4	97.6	

Start Time	CSAH 78 Southbound				CSAH 1 Westbound				Hanson 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 06:15 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	130	18	11	159	4	79	54	137	8	26	47	81	8	270	10	288	665
07:15 AM	130	28	29	187	16	105	49	170	7	36	29	72	20	278	5	303	732
07:30 AM	148	23	60	231	8	135	39	182	7	21	41	69	18	247	10	275	757
07:45 AM	115	10	60	185	9	204	40	253	9	27	27	63	39	256	8	303	804
Total Volume	523	79	160	762	37	523	182	742	31	110	144	285	85	1051	33	1169	2958
% App. Total	68.6	10.4	21		5	70.5	24.5		10.9	38.6	50.5		7.3	89.9	2.8		
PHF	.883	.705	.667	.825	.578	.641	.843	.733	.861	.764	.766	.880	.545	.945	.825	.965	.920

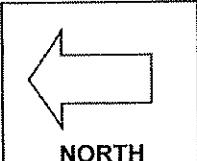


Anoka County Highway Department
 Traffic Engineering Section
 Traffic Volume and Turning Movement Study

File Name : TMC 1304
 Site Code : 13040203
 Start Date : 02/13/2013
 Page No : 2

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

Start Time	CSAH 78 Southbound				CSAH 1 Westbound				Hanson 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 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:45 PM																	
04:45 PM	30	39	38	107	28	323	171	522	17	41	16	74	49	158	8	215	918
05:00 PM	45	30	50	125	22	401	177	600	10	30	7	47	46	149	18	213	985
05:15 PM	91	42	39	172	24	372	136	532	12	19	14	45	29	166	11	206	955
05:30 PM	38	37	42	117	31	432	140	603	12	21	22	55	36	122	22	180	955
Total Volume	204	148	169	521	105	1528	624	2257	51	111	59	221	160	595	59	814	3813
% App. Total	39.2	28.4	32.4		4.7	67.7	27.6		23.1	50.2	26.7		19.7	73.1	7.2		
PHF	.560	.881	.845	.757	.847	.884	.881	.936	.750	.677	.670	.747	.816	.896	.670	.947	.968

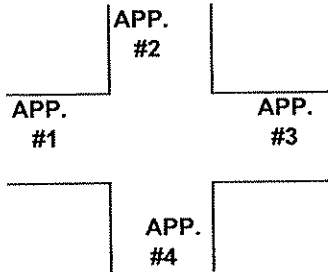


COUNT LOCATION:

CSAH 1 (Coon Rapids Blvd.)
 @ CSAH 78 (Hanson Blvd.)

DATE: 02/13/2012

- APP. #1 = CSAH 78
- APP. #2 = CSAH 1
- APP. #3 = Hanson Blvd.
- APP. #4 = CSAH 1



- 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						5		5
6:30-6:45						8		7
6:45-7:00						8		10
HOURLY TOTAL						HOURLY TOTAL		43
7:00-7:15						8		16
7:15-7:30						2		11
7:30-7:45		1			1	9		20
7:45-8:00	1				1	7		27
HOURLY TOTAL					2	HOURLY TOTAL		100
8:00-8:15						12		10
8:15-8:30								
8:30-8:45								
8:45-9:00								
HOURLY TOTAL						HOURLY TOTAL		22
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						6		4
1:15-1:30			3	2	5	8		7
1:30-1:45						7		7
1:45-2:00						10		23
HOURLY TOTAL					5	HOURLY TOTAL		72
					TOTAL		TOTAL	237

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COUNT LOCATION:

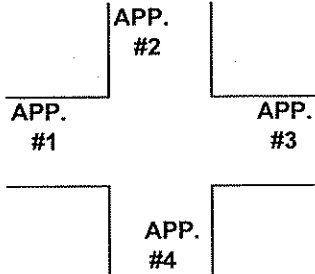
CSAH 1 (Coon Rapids Blvd.)

DATE:

02/14/2012

@ CSAH 78 (Hanson Blvd.)

NORTH
APP. #1 = CSAH 78
APP. #2 = CSAH 1
APP. #3 = Hanson Blvd.
APP. #4 = CSAH 1



- 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								
HOURLY TOTAL						HOURLY TOTAL		
4:00-4:15				1	1	2		10
4:15-4:30			1		1	6		16
4:30-4:45			1	2	3	4		20
4:45-5:00	1	1		2	4	2		14
HOURLY TOTAL					9	HOURLY TOTAL		74
5:00-5:15						7		2
5:15-5:30			3	5	8	5		5
5:30-5:45				2	2	4		2
5:45-6:00						6		2
HOURLY TOTAL					10	HOURLY TOTAL		33
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		TOTAL	344
					26			

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