

Date : 02/19/13

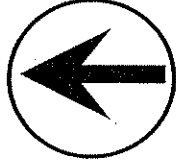
Count Number : TMC1305

Location : CSAH 1 (Coon Rapids Blvd.)

@ Xavis St.

Collection Period : PEAK HOURS

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



North

306

#2

Xavis St.

175			
40	D	11	T
	F	124	

131

CSAH 1 (Coon Rapids Blvd.)

8137

#1

4438

3699	C	27
	B	3544
	A	128

CSAH 1 (Coon Rapids Blvd.)

96	G	4454
4245	H	
113	J	

#3

8345

3891

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	0	1	1	2

153	M	384
8	L	
223	K	

252

Xavis St.

#4

636

Anoka County Highway Department

Traffic Volume and Turning

Movement Study

Date : 02/19/13

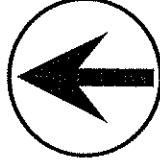
Count Number : TMC1305

Location : CSAH 1 (Coon Rapids Blvd.)

@ Xavis St.

Collection Period : AM PEAK

Hour : 7:00 - 8:00 AM



North

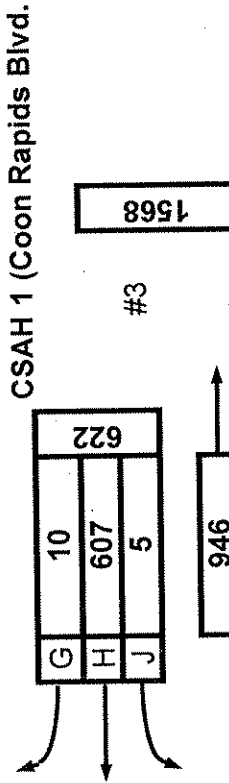
47

#2

Xavis St.

36			
30	T	F	L
1	T	F	L
5	D		

11



CSAH 1 (Coon Rapids Blvd.)

630

#1

1499

869			
0	C	B	A
859			
10			

CSAH 1 (Coon Rapids Blvd.)

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	0	1	1	2

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

92

#4

Xavis St.

16			
18	M		
1	L		
57	K		
76			

Date : 02/19/13

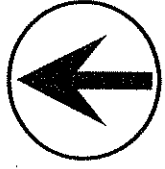
Count Number : TMC1305

Location : CSAH 1 (Coon Rapids Blvd.)

@ Xavis St.

Collection Period : PM PEAK

Hour : 4:30 PM - 5:30 PM



North

86

#2

Xavis St.

49		
	D	17
	F	5
	F	27

37

CSAH 1 (Coon Rapids Blvd.)

2244

#1

1460		
	A	57
	B	716
	C	11

#3

22	G	1454
1399	H	
33	J	

2231

777

CSAH 1 (Coon Rapids Blvd.)

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	0	1	1	2

34	K	
4	L	
44	M	
82		

Xavis St.

95

#4

177

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 1305
 Site Code : 13050203
 Start Date : 02/19/2013
 Page No : 1

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

Groups Printed- Unshifted

Start Time	Xavis St. Southbound					CSAH 1 Westbound					Xavis St. Northbound					CSAH 1 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			
06:15 AM	3	0	1	0	4	3	68	1	3	72	2	0	6	0	8	0	156	2	4	158	7	242	249
06:30 AM	3	0	0	0	3	2	71	0	0	73	5	0	15	0	20	0	239	1	3	240	3	336	339
06:45 AM	7	0	0	0	7	1	85	3	2	89	2	0	21	1	23	0	205	1	1	206	4	325	329
Total	13	0	1	0	14	6	224	4	5	234	9	0	42	1	51	0	600	4	8	604	14	903	917
07:00 AM	2	0	1	0	3	0	82	1	5	83	2	0	16	0	18	0	252	2	3	254	8	358	366
07:15 AM	11	0	0	0	11	1	130	3	2	134	3	1	14	0	18	0	216	5	2	221	4	384	388
07:30 AM	10	1	1	2	12	2	230	2	3	234	4	0	17	1	21	0	211	1	7	212	13	479	492
07:45 AM	7	0	3	1	10	2	165	4	0	171	9	0	10	1	19	0	180	2	1	182	3	382	385
Total	30	1	5	3	36	5	607	10	10	622	18	1	57	2	76	0	859	10	13	869	28	1603	1631
08:00 AM	6	0	1	1	7	6	139	2	6	147	6	0	15	1	21	1	131	2	8	134	16	309	325
*** BREAK ***																							
Total	6	0	1	1	7	6	139	2	6	147	6	0	15	1	21	1	131	2	8	134	16	309	325
*** BREAK ***																							
01:00 PM	12	0	3	0	15	6	143	5	2	154	5	0	3	0	8	1	151	11	1	163	3	340	343
01:15 PM	4	0	1	0	5	5	157	2	5	164	9	0	6	0	15	2	153	5	2	160	7	344	351
01:30 PM	7	4	0	1	11	4	173	5	2	182	11	0	7	1	18	2	154	6	4	162	8	373	381
01:45 PM	1	0	1	0	2	2	180	6	4	188	10	0	9	0	19	1	192	9	2	202	6	411	417
Total	24	4	5	1	33	17	653	18	13	688	35	0	25	1	60	6	650	31	9	687	24	1468	1492
*** BREAK ***																							
04:00 PM	5	1	3	0	9	11	287	8	6	306	13	0	9	0	22	1	168	5	8	174	14	511	525
04:15 PM	8	0	2	0	10	15	284	9	3	308	11	1	9	1	21	2	146	6	3	154	7	493	500
04:30 PM	2	2	4	0	8	6	358	6	2	370	12	0	13	0	25	2	195	13	1	210	3	613	616
04:45 PM	7	1	4	0	12	12	327	6	4	345	13	3	4	0	20	3	192	16	0	211	4	588	592
Total	22	4	13	0	39	44	1256	29	15	1329	49	4	35	1	88	8	701	40	12	749	28	2205	2233
05:00 PM	8	2	2	0	12	10	345	8	3	363	10	0	6	0	16	3	190	15	1	208	4	599	603
05:15 PM	10	0	7	0	17	5	369	2	3	376	9	1	11	0	21	3	139	13	2	155	5	569	574
05:30 PM	6	0	5	0	11	12	347	12	2	371	10	1	14	1	25	1	138	6	2	145	5	552	557
05:45 PM	5	0	1	0	6	8	305	11	2	324	7	1	18	0	26	5	136	7	2	148	4	504	508
Total	29	2	15	0	46	35	1366	33	10	1434	36	3	49	1	88	12	603	41	7	656	18	2224	2242
Grand Total	124	11	40	5	175	113	4245	96	59	4454	153	8	223	7	384	27	3544	128	57	3699	128	8712	8840
Apprch %	70.9	6.3	22.9			2.5	95.3	2.2			39.8	2.1	58.1			0.7	95.8	3.5					
Total %	1.4	0.1	0.5			1.3	48.7	1.1			1.8	0.1	2.6			0.3	40.7	1.5			42.5	1.4	98.6

Start Time	Xavis St. Southbound				CSAH 1 Westbound				Xavis St. 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	2	0	1	3	0	82	1	83	2	0	16	18	0	252	2	254	358
07:15 AM	11	0	0	11	1	130	3	134	3	1	14	18	0	216	5	221	384
07:30 AM	10	1	1	12	2	230	2	234	4	0	17	21	0	211	1	212	479
07:45 AM	7	0	3	10	2	165	4	171	9	0	10	19	0	180	2	182	382
Total Volume	30	1	5	36	5	607	10	622	18	1	57	76	0	859	10	869	1603
% App. Total	83.3	2.8	13.9		0.8	97.6	1.6		23.7	1.3	75		0	98.8	1.2		
PHF	.682	.250	.417	.750	.625	.660	.625	.665	.500	.250	.838	.905	.000	.852	.500	.855	.837

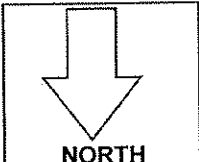


Anoka County Highway Department
 Traffic Engineering Section
 Traffic Volume and Turning Movement Study

File Name : TMC 1305
 Site Code : 13050203
 Start Date : 02/19/2013
 Page No : 2

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

Start Time	Xavis St. Southbound				CSAH 1 Westbound				Xavis St. 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 04:30 PM																	
04:30 PM	2	2	4	8	6	358	6	370	12	0	13	25	2	195	13	210	613
04:45 PM	7	1	4	12	12	327	6	345	13	3	4	20	3	192	16	211	588
05:00 PM	8	2	2	12	10	345	8	363	10	0	6	16	3	190	15	208	599
05:15 PM	10	0	7	17	5	369	2	376	9	1	11	21	3	139	13	155	569
Total Volume	27	5	17	49	33	1399	22	1454	44	4	34	82	11	716	57	784	2369
% App. Total	55.1	10.2	34.7		2.3	96.2	1.5		53.7	4.9	41.5		1.4	91.3	7.3		
PHF	.675	.625	.607	.721	.688	.948	.688	.967	.846	.333	.654	.820	.917	.918	.891	.929	.966



COUNT LOCATION:

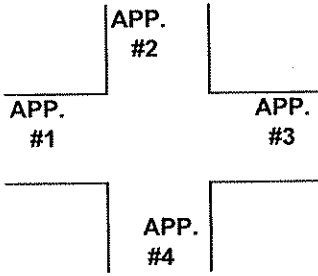
CSAH 1 (Coon Rapids Blvd.)

DATE:

02/19/2013

@ Xavis St.

APP. #1 = CSAH 1
APP. #2 = Xavis St.
APP. #3 = CSAH 1
APP. #4 = Xavis St.



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

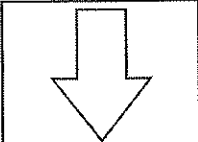
A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.

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		1			1	4		3
6:30-6:45			1		1	2		1
6:45-7:00						3		1
HOURLY TOTAL					2	HOURLY TOTAL		14
7:00-7:15						4		4
7:15-7:30								4
7:30-7:45						9		4
7:45-8:00						2		1
HOURLY TOTAL						HOURLY TOTAL		28
8:00-8:15						9		7
8:15-8:30								
8:30-8:45								
8:45-9:00								
HOURLY TOTAL						HOURLY TOTAL		16
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	3		
1:15-1:30			1		1	3		3
1:30-1:45			1		1	5		3
1:45-2:00						5		1
HOURLY TOTAL					HOURLY TOTAL	HOURLY TOTAL		23
					TOTAL		TOTAL	81
					5			

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NORTH

APP. #1 = CSAH 1
APP. #2 = Xavis St.
APP. #3 = CSAH 1
APP. #4 = Xavis St.

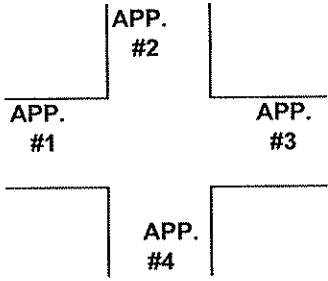
COUNT LOCATION:

CSAH 1 (Coon Rapids Blvd.)

DATE:

02/19/2013

@ Xavis St.



- 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						6		8
4:15-4:30			2		2	4		3
4:30-4:45						2		1
4:45-5:00						3		2
HOURLY TOTAL					2	HOURLY TOTAL		29
5:00-5:15						3		
5:15-5:30	1		1	2	4	2		3
5:30-5:45						3		2
5:45-6:00						3		1
HOURLY TOTAL					4	HOURLY TOTAL		17
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					11	TOTAL		127

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