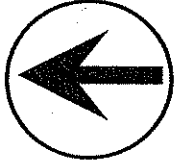


Date : 02/05/13

Count Number : TMC1302

Location : CSAH 1 (Coon Rapids Blvd.)
@ Avocet St.

Collection Period : PEAK HOURS
6:15-8:15 AM, 1-2 PM, & 4-6 PM



North

467

#2

Avocet St.

140			
82	D	E	F
11			
47			

327

CSAH 1 (Coon Rapids Blvd.)

11771

#1

6158

5613	C
139	B
5396	A
78	

CSAH 1 (Coon Rapids Blvd.)

179	G
6018	H
279	J

#3

12147

5671

	EXISTING LANES OF APPROACH			TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	0	1	3	4
#2	0	0	1	1
#3	1	1	3	5
#4	1	1	1	3

93	M
9	L
193	K
295	

368

Avocet St.

#4

663

Anoka County Highway Department

Traffic Volume and Turning

Movement Study

Date : 02/05/13

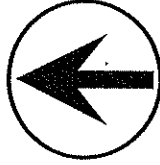
Count Number : TMC1302

Location : CSAH 1 (Coon Rapids Blvd.)

@ Avocet St.

Collection Period : AM PEAK

Hour : 7:00 - 8:00 AM



North

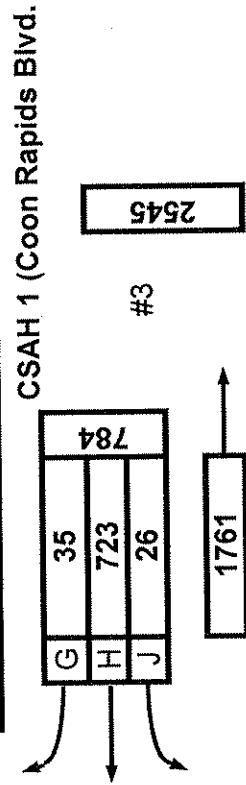
65

#2

Avocet St.

23			
6	D	0	17
	E		
	F		
	T		

42



CSAH 1 (Coon Rapids Blvd.)

2545

#3

2454

#1

743			
1711	A	15	6
	B		
	C		

CSAH 1 (Coon Rapids Blvd.)

	EXISTING LANES OF APPROACH			TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	0	1	3	4
#2	0	0	1	1
#3	1	1	3	5
#4	1	1	1	3

Avocet St.

41			
14	M	1	54
	L		
	K		
69			

#4

110

Anoka County Highway Department
Traffic Volume and Turning
Movement Study

Date : 02/06/13

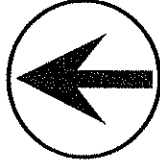
Count Number : TMC1302

Location : CSAH 1 (Coon Rapids Blvd.)

@ Avocet St.

Collection Period : PM PEAK

Hour : 4:45 PM - 5:45 PM



North

293

#2

Avocet St.

77		
30	D	T
3	T	T
44	T	T

216

CSAH 1 (Coon Rapids Blvd.)

3099

#1

2217		
882	C	
750	B	
21	A	

#3

100	G	
2163	H	
95	J	

3189

831

CSAH 1 (Coon Rapids Blvd.)

	EXISTING LANES OF APPROACH			TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	0	1	3	4
#2	0	0	1	1
#3	1	1	3	5
#4	1	1	1	3

66		
24	M	
5	L	
37	K	

Avocet St.

119

#4

185

Anoka County Highway Department

Traffic Volume and Turning

Movement Study



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

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

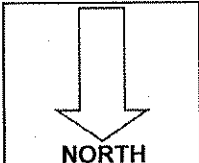
File Name : TMC 1302
 Site Code : 13020203
 Start Date : 02/06/2013
 Page No : 1

Groups Printed- Unshifted

Start Time	Avocet St. Southbound					CSAH 1 Westbound					Avocet St. 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	0	0	0	0	0	5	72	0	5	77	2	0	4	2	6	1	342	3	7	346	14	429	443
06:30 AM	0	0	0	0	0	3	98	0	9	101	6	0	8	1	14	0	414	5	9	419	19	534	553
06:45 AM	0	3	1	3	4	3	101	3	9	107	3	3	6	5	12	0	411	1	7	412	24	535	559
Total	0	3	1	3	4	11	271	3	23	285	11	3	18	8	32	1	1167	9	23	1177	57	1498	1555
07:00 AM	1	0	0	0	1	6	150	4	8	160	3	0	14	3	17	0	481	2	13	483	24	661	685
07:15 AM	1	0	0	0	1	5	172	8	12	185	5	0	16	2	21	1	454	3	9	458	23	665	688
07:30 AM	1	0	3	1	4	9	204	13	10	226	5	0	16	2	21	3	413	6	10	422	23	673	696
07:45 AM	14	0	3	6	17	6	197	10	13	213	1	1	8	4	10	2	342	4	15	348	38	588	626
Total	17	0	6	7	23	26	723	35	43	784	14	1	54	11	69	6	1690	15	47	1711	106	2587	2695
08:00 AM	5	0	1	0	6	8	144	6	8	158	4	0	5	0	9	1	288	2	8	291	16	464	480
*** BREAK ***																							
Total	5	0	1	0	6	8	144	6	8	158	4	0	5	0	9	1	288	2	8	291	16	464	480
*** BREAK ***																							
01:00 PM	2	0	0	0	2	9	176	3	3	188	3	0	7	1	10	1	157	1	2	159	6	359	365
01:15 PM	2	0	1	0	3	16	190	2	7	208	3	0	11	1	14	1	174	2	7	177	15	402	417
01:30 PM	1	1	0	0	2	12	207	4	3	223	6	0	13	3	19	3	236	6	7	245	13	489	502
01:45 PM	3	0	1	1	4	13	199	8	8	220	2	0	8	2	10	1	187	5	10	193	21	427	448
Total	8	1	2	1	11	50	772	17	21	839	14	0	39	7	53	6	754	14	26	774	55	1677	1732
*** BREAK ***																							
04:00 PM	3	2	1	0	6	18	481	7	9	506	6	0	6	0	12	1	199	8	3	208	12	732	744
04:15 PM	3	1	2	0	6	27	480	7	19	514	7	0	8	0	15	5	208	2	6	215	25	750	775
04:30 PM	1	0	1	0	2	21	528	2	16	551	9	0	15	4	24	5	173	3	3	181	23	758	781
04:45 PM	1	1	4	2	6	21	557	8	12	586	7	0	14	2	21	8	206	6	7	220	23	833	856
Total	8	4	8	2	20	87	2046	24	56	2157	29	0	43	6	72	19	786	19	19	824	83	3073	3156
05:00 PM	12	1	4	0	17	22	543	12	2	577	3	3	8	0	14	24	196	8	3	228	5	836	841
05:15 PM	13	1	12	0	26	23	552	64	6	639	6	2	5	0	13	65	180	2	5	247	11	925	936
05:30 PM	18	0	10	0	28	29	511	16	9	556	8	0	10	1	18	14	168	5	2	187	12	789	801
05:45 PM	1	1	3	0	5	23	456	2	5	481	4	0	11	0	15	3	167	4	2	174	7	675	682
Total	44	3	29	0	76	97	2062	94	22	2253	21	5	34	1	60	106	711	19	12	836	35	3225	3260
Grand Total	82	11	47	13	140	279	6018	179	173	6476	93	9	193	33	295	139	5396	78	135	5613	354	12524	12878
Apprch %	58.6	7.9	33.6			4.3	92.9	2.8			31.5	3.1	65.4			2.5	96.1	1.4					
Total %	0.7	0.1	0.4		1.1	2.2	48.1	1.4		51.7	0.7	0.1	1.5		2.4	1.1	43.1	0.6		44.8	2.7	97.3	

Start Time	Avocet St. Southbound				CSAH 1 Westbound				Avocet 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	1	0	0	1	6	150	4	160	3	0	14	17	0	481	2	483	661
07:15 AM	1	0	0	1	5	172	8	185	5	0	16	21	1	454	3	458	665
07:30 AM	1	0	3	4	9	204	13	226	5	0	16	21	3	413	6	422	673
07:45 AM	14	0	3	17	6	197	10	213	1	1	8	10	2	342	4	348	588
Total Volume	17	0	6	23	26	723	35	784	14	1	54	69	6	1690	15	1711	2587
% App. Total	73.9	0	26.1		3.3	92.2	4.5		20.3	1.4	78.3		0.4	98.8	0.9		
PHF	.304	.000	.500	.338	.722	.886	.673	.867	.700	.250	.844	.821	.500	.878	.625	.886	.961

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	1	1	4	6	21	557	8	586	7	0	14	21	8	206	6	220	833
05:00 PM	12	1	4	17	22	543	12	577	3	3	8	14	24	196	8	228	836
05:15 PM	13	1	12	26	23	552	64	639	6	2	5	13	65	180	2	247	925
05:30 PM	18	0	10	28	29	511	16	556	8	0	10	18	14	168	5	187	789
Total Volume	44	3	30	77	95	2163	100	2358	24	5	37	66	111	750	21	882	3383
% App. Total	57.1	3.9	39		4	91.7	4.2		36.4	7.6	56.1		12.6	85	2.4		
PHF	.611	.750	.625	.688	.819	.971	.391	.923	.750	.417	.661	.786	.427	.910	.656	.893	.914



COUNT LOCATION:

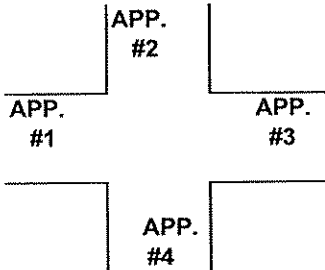
CSAH 1 (Coon Rapids Blvd.)

DATE:

02/05/2013

@ Avocet St.

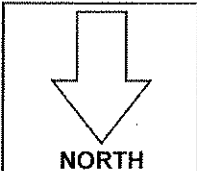
APP. #1 = CSAH 1
APP. #2 = Avocet St.
APP. #3 = CSAH 1
APP. #4 = Avocet St.



- 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						10		4
6:30-6:45						12		7
6:45-7:00			1	1	2	18		7
HOURLY TOTAL					2	HOURLY TOTAL		58
7:00-7:15						10		14
7:15-7:30						12		11
7:30-7:45						14		11
7:45-8:00				1	1	12		25
HOURLY TOTAL					1	HOURLY TOTAL		109
8:00-8:15						10		6
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		5
1:15-1:30						6		9
1:30-1:45						13		6
1:45-2:00						6		9
HOURLY TOTAL						HOURLY TOTAL		55
					TOTAL	3	TOTAL	238

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COUNT LOCATION:

CSAH 1 (Coon Rapids Blvd.)

DATE:

02/06/2013

@ Avocet St.

NORTH
APP. #1 = CSAH 1
APP. #2 = Avocet St.
APP. #3 = CSAH 1
APP. #4 = Avocet St.

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								
HOURLY TOTAL						HOURLY TOTAL		
4:00-4:15						5		7
4:15-4:30						5		19
4:30-4:45			2	1	3	7		17
4:45-5:00						8		16
HOURLY TOTAL					3	HOURLY TOTAL		84
5:00-5:15						4		1
5:15-5:30						9		2
5:30-5:45			1	1	2	6		6
5:45-6:00						3		4
HOURLY TOTAL					2	HOURLY TOTAL		35
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	8		
							TOTAL	357

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