

Date : 02/12/13

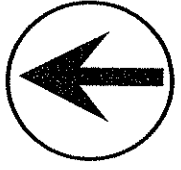
Count Number : TMC1303

Location : CSAH 1 (Coon Rapids Blvd.)

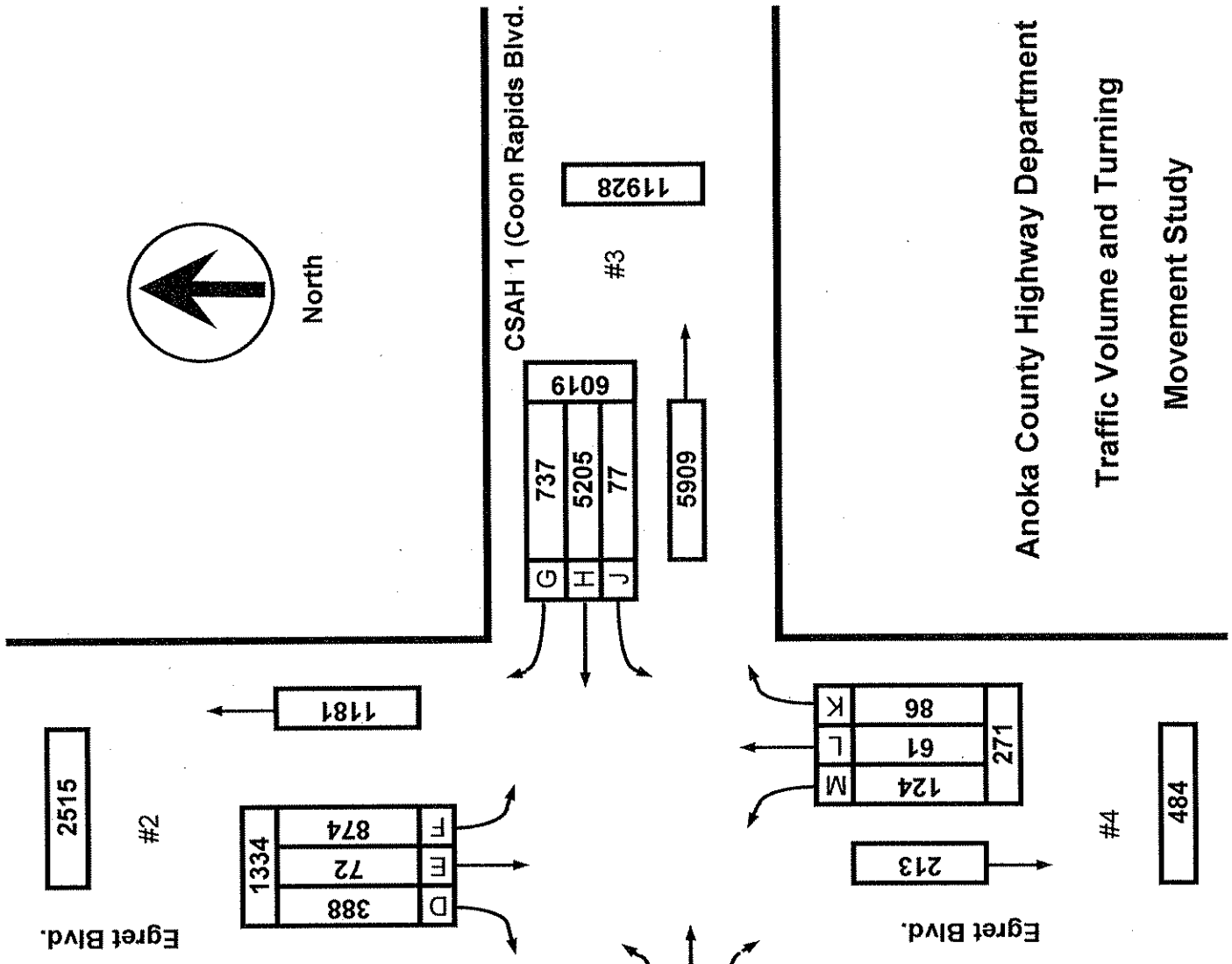
@ Egret Blvd.

Collection Period : PEAK HOURS

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



North



CSAH 1 (Coon Rapids Blvd.)

11113	#1	5717
51396	C	383
	B	4949
	A	64

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

Anoka County Highway Department  
 Traffic Volume and Turning  
 Movement Study

#4  
484

213	M	124
	L	61
	K	86
		271

1334	D	388
	E	72
	T	874

#2  
2515

6019	J	77
	H	5205
	G	737

#3  
11928

5909

Date : 02/12/13

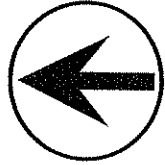
Count Number : TMC1303

Location : CSAH 1 (Coon Rapids Blvd.)

@ Egret Blvd.

Collection Period : AM PEAK

Hour : 7:00 - 8:00 AM



North

Egret Blvd. #2

409		
91	D	
25	M	
293	T	

514

105

CSAH 1 (Coon Rapids Blvd.) #3

55	G	
680	H	
12	J	
747		

2590

1843

#1

787		
1573	C	
42	B	
5	A	

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	2	1	3
#3	1	1	3	5
#4	0	1	1	2

Egret Blvd. #4

42		
16	M	
8	L	
24	K	
48		

42

90

Anoka County Highway Department  
Traffic Volume and Turning  
Movement Study

Date : 02/12/13

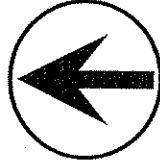
Count Number : TMC1303

Location : CSAH 1 (Coon Rapids Blvd.)

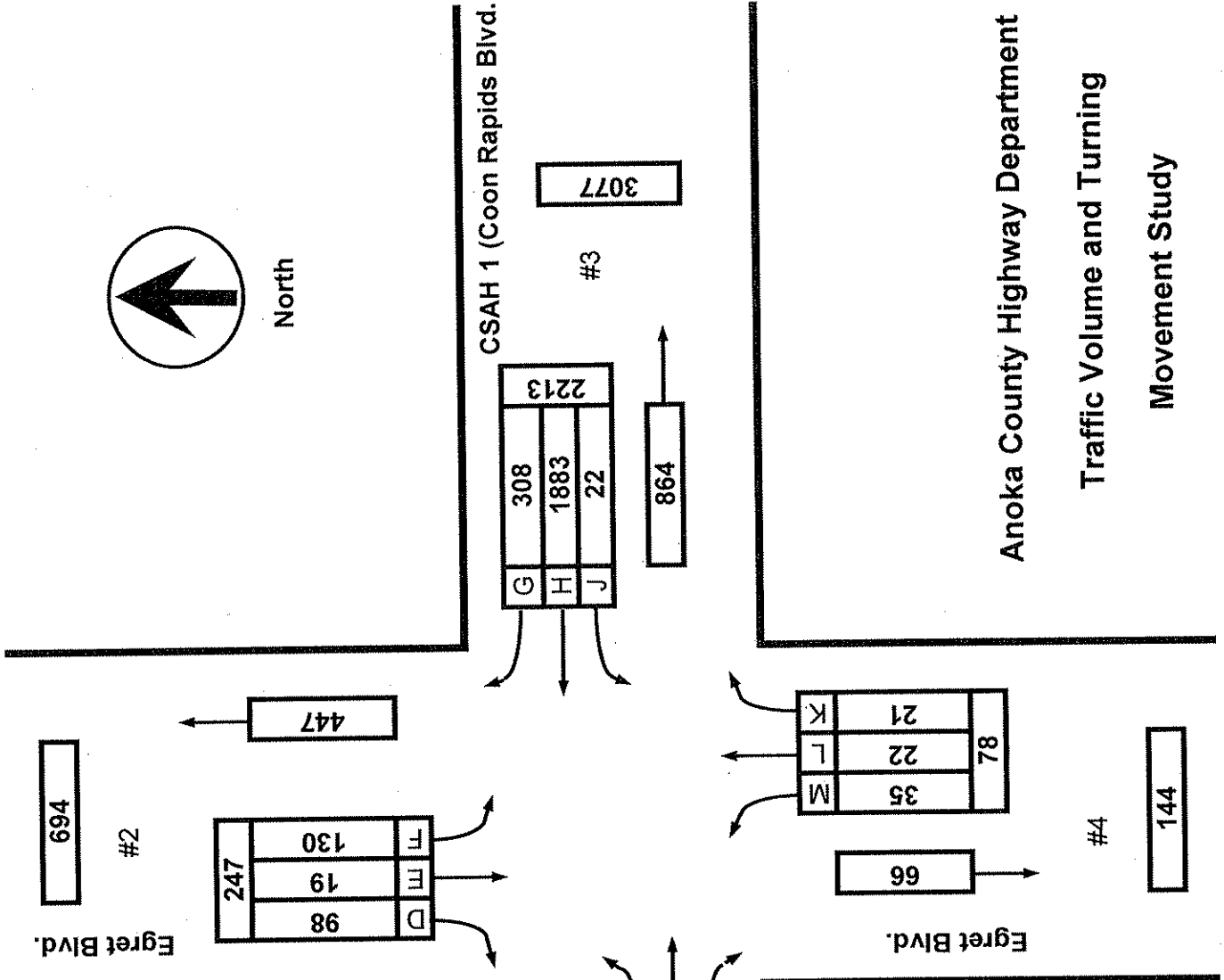
@ Egret Blvd.

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	2	1	3
#3	1	1	3	5
#4	0	1	1	2

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 1303  
 Site Code : 13030203  
 Start Date : 02/12/2013  
 Page No : 1

Weather: Cold and Cloudy  
 Counter: DB-400  
 Study Conducted By: Sean, Josie, Andrea

**Groups Printed- Unshifted**

Start Time	Egret Blvd. Southbound					CSAH 1 Westbound					Egret 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			
06:15 AM	65	1	6	4	72	0	54	6	2	60	3	0	1	0	4	8	279	0	3	287	9	423	432
06:30 AM	57	0	3	1	60	0	58	13	0	71	5	0	1	0	6	9	337	1	7	347	8	484	492
06:45 AM	70	1	13	1	84	0	98	9	5	107	5	1	3	1	9	10	374	1	10	385	17	585	602
<b>Total</b>	<b>192</b>	<b>2</b>	<b>22</b>	<b>6</b>	<b>216</b>	<b>0</b>	<b>210</b>	<b>28</b>	<b>7</b>	<b>238</b>	<b>13</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>19</b>	<b>27</b>	<b>990</b>	<b>2</b>	<b>20</b>	<b>1019</b>	<b>34</b>	<b>1492</b>	<b>1526</b>
07:00 AM	80	6	23	0	109	4	132	14	11	150	1	1	2	0	4	9	405	2	9	416	20	679	699
07:15 AM	78	6	20	0	104	0	171	9	7	180	4	0	10	0	14	6	363	0	7	369	14	667	681
07:30 AM	54	3	26	1	83	5	177	12	11	194	2	1	3	0	6	9	422	1	10	432	22	715	737
07:45 AM	81	10	22	5	113	3	200	20	15	223	9	6	9	11	24	18	336	2	7	356	38	716	754
<b>Total</b>	<b>293</b>	<b>25</b>	<b>91</b>	<b>6</b>	<b>409</b>	<b>12</b>	<b>680</b>	<b>55</b>	<b>44</b>	<b>747</b>	<b>16</b>	<b>8</b>	<b>24</b>	<b>11</b>	<b>48</b>	<b>42</b>	<b>1526</b>	<b>5</b>	<b>33</b>	<b>1573</b>	<b>94</b>	<b>2777</b>	<b>2871</b>
08:00 AM	68	1	15	0	84	4	111	19	6	134	5	2	8	0	15	16	290	1	12	307	18	540	558
*** BREAK ***																							
<b>Total</b>	<b>68</b>	<b>1</b>	<b>15</b>	<b>0</b>	<b>84</b>	<b>4</b>	<b>111</b>	<b>19</b>	<b>6</b>	<b>134</b>	<b>5</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>15</b>	<b>16</b>	<b>290</b>	<b>1</b>	<b>12</b>	<b>307</b>	<b>18</b>	<b>540</b>	<b>558</b>
*** BREAK ***																							
01:00 PM	25	4	17	2	46	3	169	17	7	189	9	4	3	1	16	17	177	4	10	198	20	449	469
01:15 PM	29	4	11	2	44	1	157	21	4	179	3	1	3	1	7	22	168	3	1	193	8	423	431
01:30 PM	18	5	15	1	38	4	184	22	1	210	8	3	6	2	17	19	165	1	5	185	9	450	459
01:45 PM	16	1	17	2	34	7	163	11	9	181	5	2	4	2	11	29	196	4	3	229	16	455	471
<b>Total</b>	<b>88</b>	<b>14</b>	<b>60</b>	<b>7</b>	<b>162</b>	<b>15</b>	<b>673</b>	<b>71</b>	<b>21</b>	<b>759</b>	<b>25</b>	<b>10</b>	<b>16</b>	<b>6</b>	<b>51</b>	<b>87</b>	<b>706</b>	<b>12</b>	<b>19</b>	<b>805</b>	<b>53</b>	<b>1777</b>	<b>1830</b>
*** BREAK ***																							
04:00 PM	21	4	27	1	52	6	439	55	12	500	10	5	4	2	19	31	228	3	4	262	19	833	852
04:15 PM	32	4	18	2	54	7	463	57	10	527	5	4	4	1	13	23	171	8	6	202	19	796	815
04:30 PM	28	5	21	5	54	8	416	82	13	506	8	4	4	2	16	29	170	5	7	204	27	780	807
04:45 PM	27	0	35	1	62	1	516	80	15	597	9	10	4	3	23	31	189	4	2	224	21	906	927
<b>Total</b>	<b>108</b>	<b>13</b>	<b>101</b>	<b>9</b>	<b>222</b>	<b>22</b>	<b>1834</b>	<b>274</b>	<b>50</b>	<b>2130</b>	<b>32</b>	<b>23</b>	<b>16</b>	<b>8</b>	<b>71</b>	<b>114</b>	<b>758</b>	<b>20</b>	<b>19</b>	<b>892</b>	<b>86</b>	<b>3315</b>	<b>3401</b>
05:00 PM	44	7	24	0	75	9	447	65	5	521	10	2	7	1	19	32	189	5	2	226	8	841	849
05:15 PM	31	7	18	1	56	4	504	81	3	589	8	6	6	0	20	25	165	11	1	201	5	866	871
05:30 PM	30	1	35	1	66	8	380	70	3	458	8	8	2	0	18	16	190	7	1	213	5	755	760
05:45 PM	20	2	22	0	44	3	366	74	8	443	7	1	2	0	10	24	135	1	0	160	8	657	665
<b>Total</b>	<b>125</b>	<b>17</b>	<b>99</b>	<b>2</b>	<b>241</b>	<b>24</b>	<b>1697</b>	<b>290</b>	<b>19</b>	<b>2011</b>	<b>33</b>	<b>17</b>	<b>17</b>	<b>1</b>	<b>67</b>	<b>97</b>	<b>679</b>	<b>24</b>	<b>4</b>	<b>800</b>	<b>26</b>	<b>3119</b>	<b>3145</b>
<b>Grand Total</b>	<b>874</b>	<b>72</b>	<b>388</b>	<b>30</b>	<b>1334</b>	<b>77</b>	<b>5205</b>	<b>737</b>	<b>147</b>	<b>6019</b>	<b>124</b>	<b>61</b>	<b>86</b>	<b>27</b>	<b>271</b>	<b>383</b>	<b>4949</b>	<b>64</b>	<b>107</b>	<b>5396</b>	<b>311</b>	<b>13020</b>	<b>13331</b>
Apprch %	65.5	5.4	29.1			1.3	86.5	12.2			45.8	22.5	31.7			7.1	91.7	1.2					
Total %	6.7	0.6	3		10.2	0.6	40	5.7		46.2	1	0.5	0.7		2.1	2.9	38	0.5		41.4	2.3	97.7	

Start Time	Egret Blvd. Southbound				CSAH 1 Westbound				Egret 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	80	6	23	109	4	132	14	150	1	1	2	4	9	405	2	416	679
07:15 AM	78	6	20	104	0	171	9	180	4	0	10	14	6	363	0	369	667
07:30 AM	54	3	26	83	5	177	12	194	2	1	3	6	9	422	1	432	715
07:45 AM	81	10	22	113	3	200	20	223	9	6	9	24	18	336	2	356	716
<b>Total Volume</b>	<b>293</b>	<b>25</b>	<b>91</b>	<b>409</b>	<b>12</b>	<b>680</b>	<b>55</b>	<b>747</b>	<b>16</b>	<b>8</b>	<b>24</b>	<b>48</b>	<b>42</b>	<b>1526</b>	<b>5</b>	<b>1573</b>	<b>2777</b>
% App. Total	71.6	6.1	22.2		1.6	91	7.4		33.3	16.7	50		2.7	97	0.3		
PHF	.904	.625	.875	.905	.600	.850	.688	.837	.444	.333	.600	.500	.583	.904	.625	.910	.970

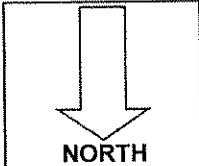


**Anoka County Highway Department**  
 Traffic Engineering Section  
 Traffic Volume and Turning Movement Study

File Name : TMC 1303  
 Site Code : 13030203  
 Start Date : 02/12/2013  
 Page No : 2

Weather: Cold and Cloudy  
 Counter: DB-400  
 Study Conducted By: Sean, Josie, Andrea

Start Time	Egret Blvd. Southbound				CSAH 1 Westbound				Egret 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 04:30 PM																	
04:30 PM	28	5	21	54	8	416	82	506	8	4	4	16	29	170	5	204	780
04:45 PM	27	0	35	62	1	516	80	597	9	10	4	23	31	189	4	224	906
05:00 PM	44	7	24	75	9	447	65	521	10	2	7	19	32	189	5	226	841
05:15 PM	31	7	18	56	4	504	81	589	8	6	6	20	25	165	11	201	866
Total Volume	130	19	98	247	22	1883	308	2213	35	22	21	78	117	713	25	855	3393
% App. Total	52.6	7.7	39.7		1	85.1	13.9		44.9	28.2	26.9		13.7	83.4	2.9		
PHF	.739	.679	.700	.823	.611	.912	.939	.927	.875	.550	.750	.848	.914	.943	.568	.946	.936



COUNT LOCATION:

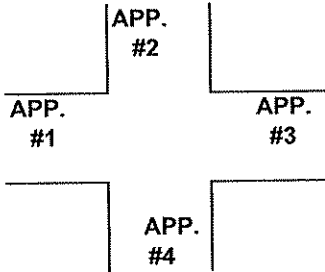
CSAH 1 (Coon Rapids Blvd.)

DATE:

02/12/2013

@ Egret Blvd.

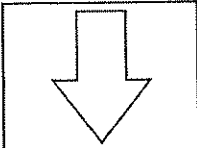
APP. #1 = CSAH 1
APP. #2 = Egret Blvd.
APP. #3 = CSAH 1
APP. #4 = Egret Blvd.



- 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		1			1	6		3
6:30-6:45			1		1	2		6
6:45-7:00						3		14
<b>HOURLY TOTAL</b>					<b>2</b>	<b>HOURLY TOTAL</b>		<b>34</b>
7:00-7:15						6		12
7:15-7:30	1			1	2	5		10
7:30-7:45		1		1	2	5		16
7:45-8:00	3			1	4	6		33
<b>HOURLY TOTAL</b>					<b>8</b>	<b>HOURLY TOTAL</b>		<b>93</b>
8:00-8:15						13		4
8:15-8:30								
8:30-8:45								
8:45-9:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>17</b>
9:00-9:15								
9:15-9:30								
9:30-9:45								
9:45-10:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
10:00-10:15								
10:15-10:30								
10:30-10:45								
10:45-11:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
11:00-11:15								
11:15-11:30								
11:30-11:45								
11:45-12:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
12:00-12:15								
12:15-12:30								
12:30-12:45								
12:45-1:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
1:00-1:15						10		10
1:15-1:30						3		5
1:30-1:45						8		3
1:45-2:00						8		6
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		<b>53</b>
					<b>TOTAL</b>	<b>10</b>		
							<b>TOTAL</b>	<b>197</b>

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**NORTH**

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

**COUNT LOCATION:** \_\_\_\_\_

CSAH 1 (Coon Rapids Blvd.)

**DATE:** \_\_\_\_\_

02/12/2013

@ Egret 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								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
3:00-3:15								
3:15-3:30								
3:30-3:45								
3:45-4:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
4:00-4:15						7		11
4:15-4:30						6		14
4:30-4:45	1				1	7		21
4:45-5:00						9		10
<b>HOURLY TOTAL</b>					<b>1</b>	<b>HOURLY TOTAL</b>		<b>85</b>
5:00-5:15	1				1	6		2
5:15-5:30			2		2	3		3
5:30-5:45						2		2
5:45-6:00						4		4
<b>HOURLY TOTAL</b>					<b>3</b>	<b>HOURLY TOTAL</b>		<b>26</b>
6:00-6:15								
6:15-6:30								
6:30-6:45								
6:45-7:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
7:00-7:15								
7:15-7:30								
7:30-7:45								
7:45-8:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
8:00-8:15								
8:15-8:30								
8:30-8:45								
8:45-9:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
9:00-9:15								
9:15-9:30								
9:30-9:45								
9:45-10:00								
<b>HOURLY TOTAL</b>						<b>HOURLY TOTAL</b>		
					<b>TOTAL</b>		<b>TOTAL</b>	<b>308</b>
					<b>14</b>			

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