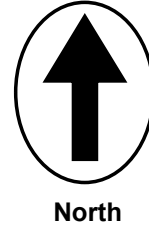


Date : 12/06/22

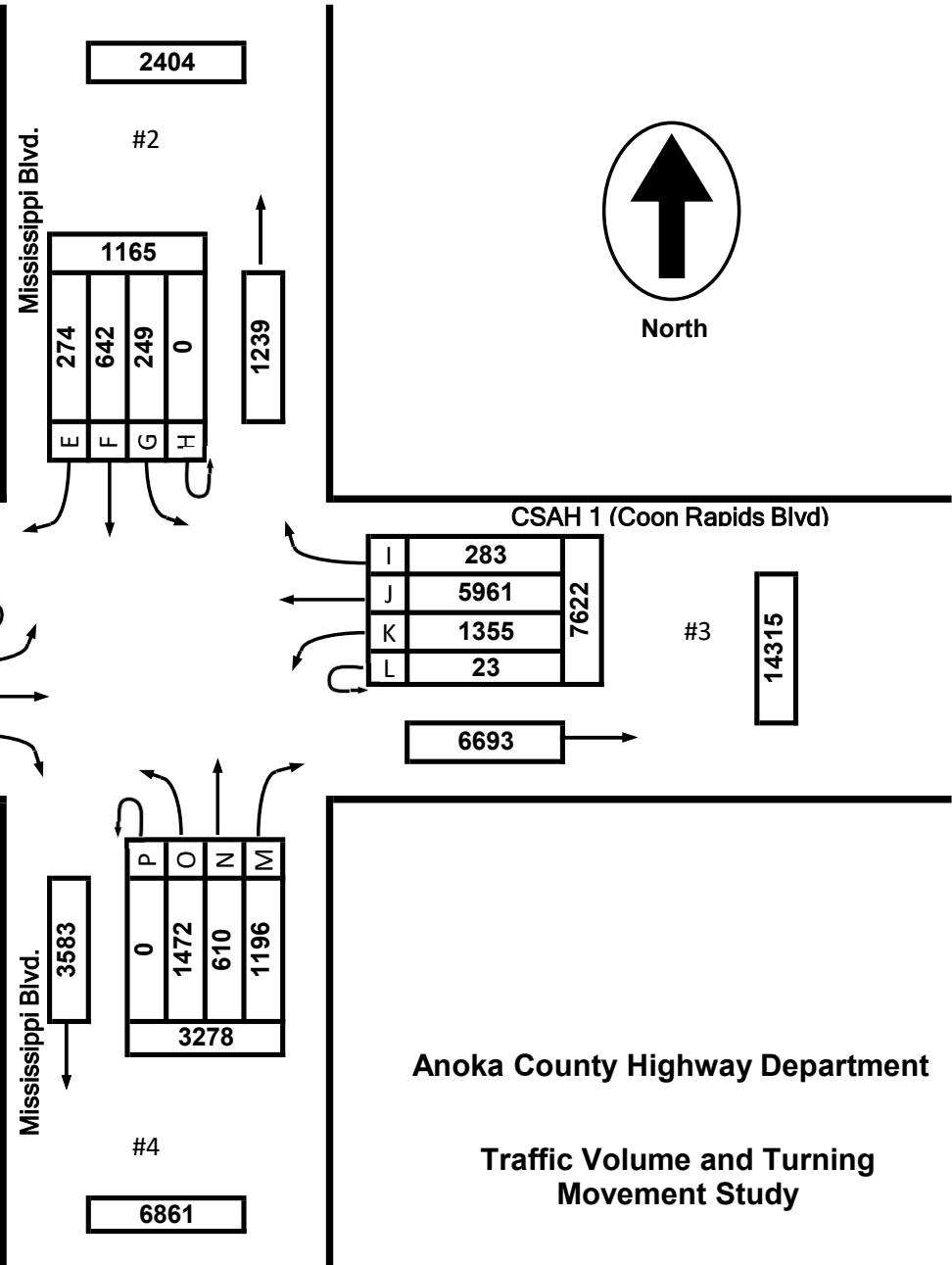
Count Number : TMC 2277

Location : CSAH 1 (Coon Rapids Blvd)  
@ Mississippi Blvd.

Collection Period : 6AM - 9PM



North



CSAH 1 (Coon Rapids Blvd)

CSAH 1 (Coon Rapids Blvd)

Mississippi Blvd.

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

Anoka County Highway Department

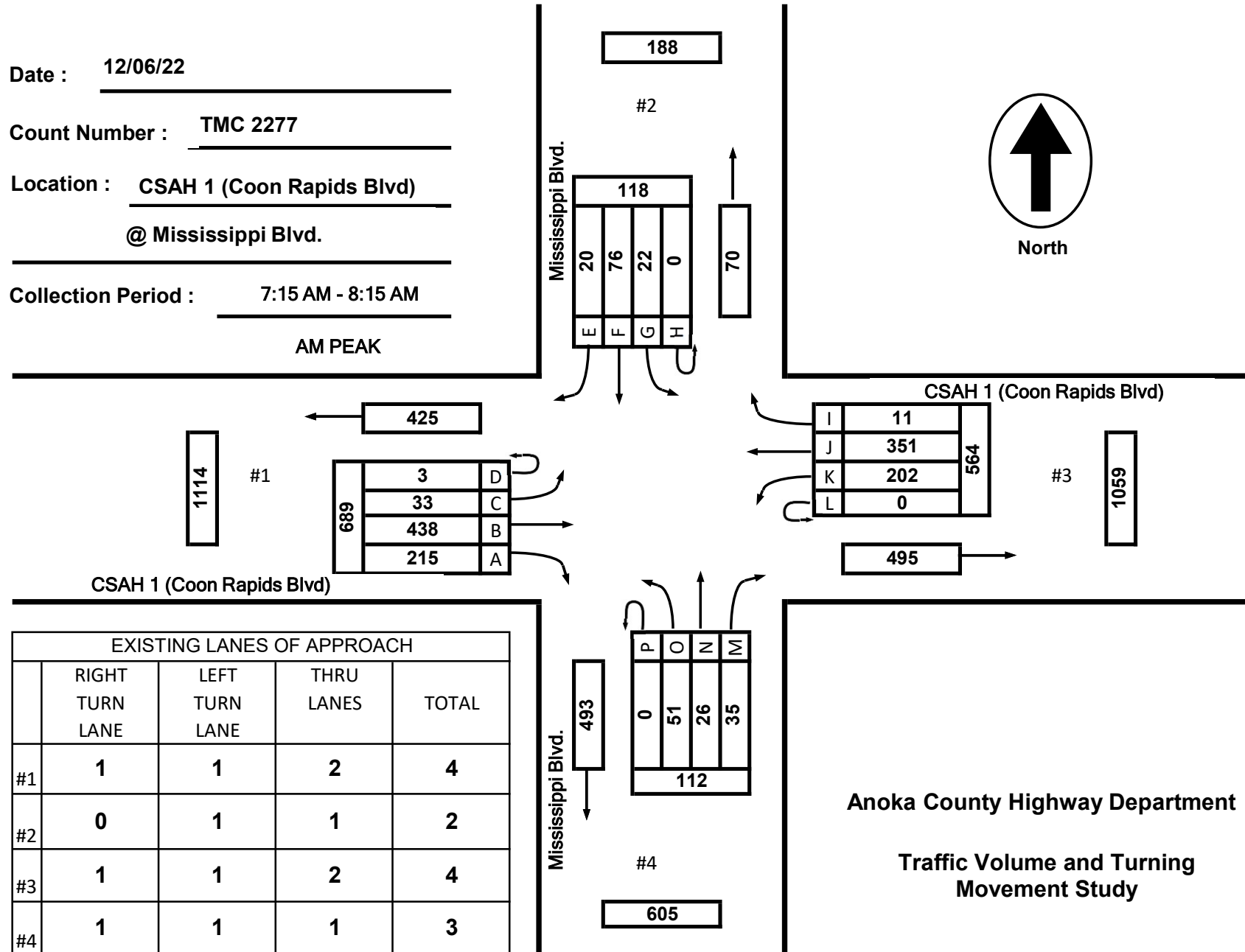
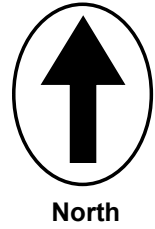
Traffic Volume and Turning Movement Study

Date : 12/06/22

Count Number : TMC 2277

Location : CSAH 1 (Coon Rapids Blvd)  
@ Mississippi Blvd.

Collection Period : 7:15 AM - 8:15 AM  
**AM PEAK**



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

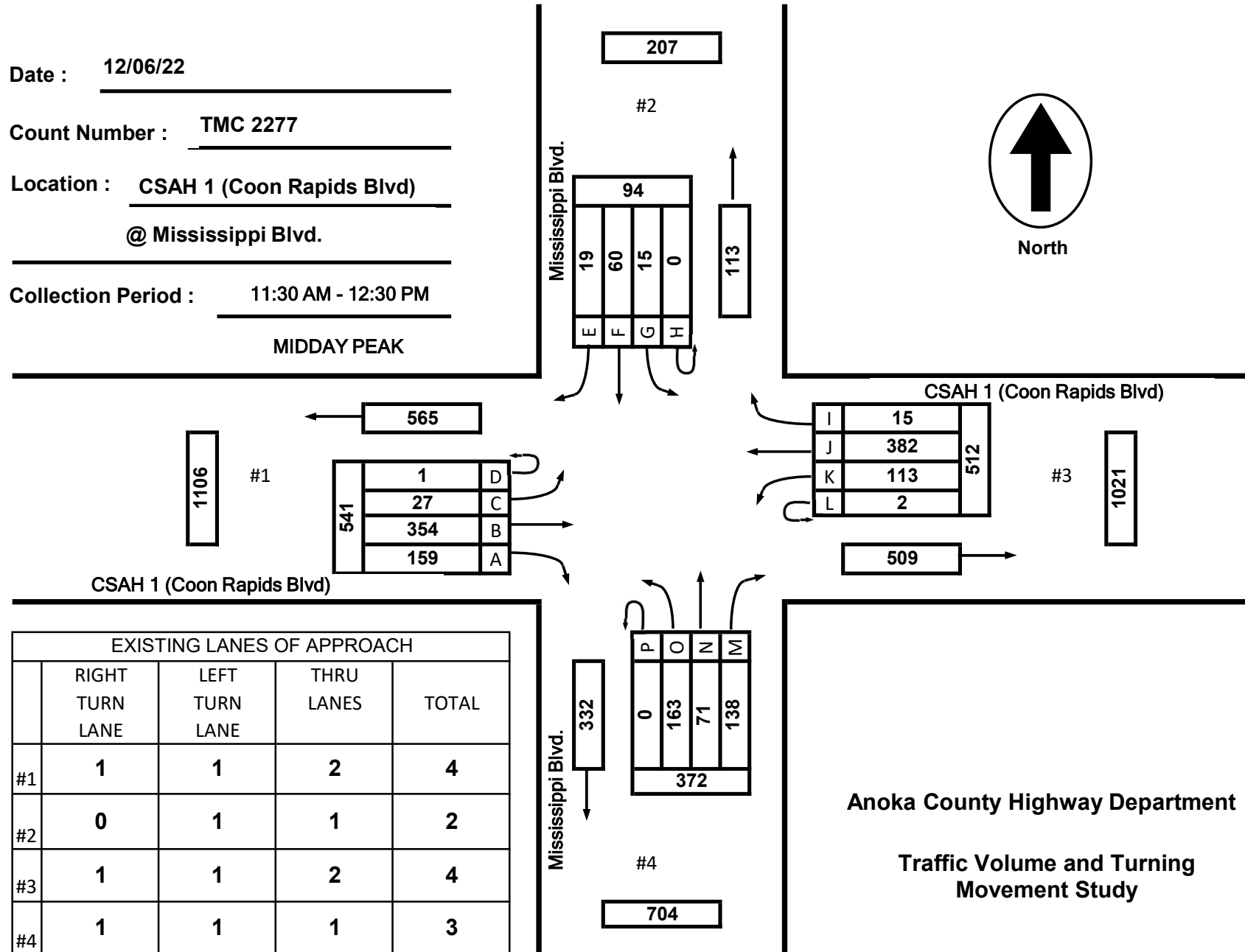
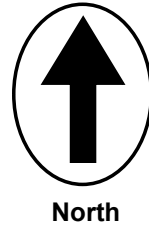
Anoka County Highway Department  
 Traffic Volume and Turning Movement Study

Date : 12/06/22

Count Number : TMC 2277

Location : CSAH 1 (Coon Rapids Blvd)  
@ Mississippi Blvd.

Collection Period : 11:30 AM - 12:30 PM  
**MIDDAY PEAK**



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

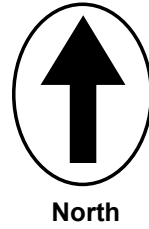
**Anoka County Highway Department**  
**Traffic Volume and Turning Movement Study**

Date : 12/06/22

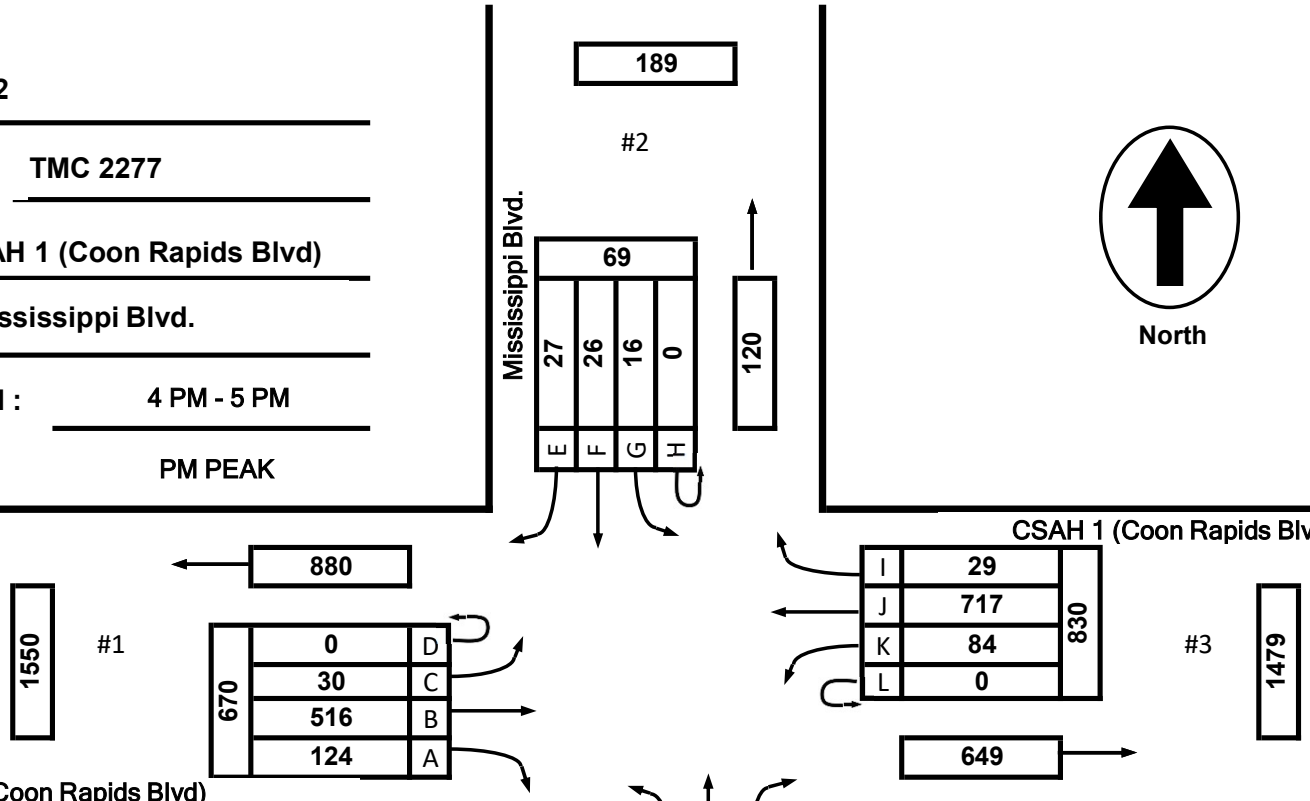
Count Number : TMC 2277

Location : CSAH 1 (Coon Rapids Blvd)  
@ Mississippi Blvd.

Collection Period : 4 PM - 5 PM  
PM PEAK



North



CSAH 1 (Coon Rapids Blvd)

Mississippi Blvd.

CSAH 1 (Coon Rapids Blvd)

Mississippi Blvd.

Anoka County Highway Department  
 Traffic Volume and Turning  
 Movement Study

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



# Anoka County Highway Department

## Traffic Engineering Section

### Traffic Volume and Turning Movement Study

File Name : TMC 2277-t  
 Site Code :  
 Start Date : 12/06/2022  
 Page No : 1

Weather: Cold & Cloudy  
 CountCAM 3  
 Study Conducted by: Sam

Groups Printed- Cars + - Trucks

Start Time	Mississippi Blvd. Southbound						CSAH 1 (Coon Rapids Blvd) Westbound						Mississippi Blvd. Northbound						CSAH 1 (Coon Rapids Blvd) Eastbound						Exclu. Total	Inclu. Total	Int. Total						
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total									
05:45	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
06:00	3	1	1	0	0	5	2	34	4	0	0	40	2	1	3	0	0	6	5	36	0	0	0	41	0	92	92						
06:15	2	3	3	0	0	8	1	50	8	0	0	59	0	1	7	0	0	8	8	53	1	0	0	62	0	137	137						
06:30	2	7	5	0	0	14	0	65	22	0	0	87	5	1	12	0	0	18	9	65	4	0	0	78	0	197	197						
06:45	2	12	5	0	0	19	1	86	26	0	0	113	6	3	12	0	0	21	33	88	4	0	0	125	0	278	278						
Total	9	23	14	0	0	46	4	235	60	0	0	299	13	6	34	0	0	53	55	242	9	0	0	306	0	704	704						
07:00	3	5	5	0	0	13	2	61	12	0	0	75	6	1	13	0	0	20	19	95	3	0	0	117	0	225	225						
07:15	5	10	6	0	0	21	2	81	31	0	2	114	6	5	8	0	0	19	35	97	3	2	0	137	2	291	293						
07:30	8	18	2	0	0	28	5	78	54	0	0	137	7	5	14	0	0	26	47	133	5	0	0	185	0	376	376						
07:45	3	34	9	0	0	46	0	113	88	0	1	201	12	13	18	0	0	43	88	106	16	0	0	210	1	500	501						
Total	19	67	22	0	0	108	9	333	185	0	3	527	31	24	53	0	0	108	189	431	27	2	0	649	3	1392	1395						
08:00	4	14	5	0	0	23	4	79	29	0	0	112	10	3	11	0	0	24	45	102	9	1	0	157	0	316	316						
08:15	4	11	4	0	0	19	4	85	26	1	0	116	10	5	10	0	0	25	26	87	3	0	0	116	0	276	276						
08:30	4	11	1	0	0	16	0	80	24	0	0	104	8	9	18	0	0	35	41	78	4	0	0	123	0	278	278						
08:45	6	12	0	0	0	18	8	64	29	0	0	101	13	11	24	0	0	48	37	79	5	0	0	121	0	288	288						
Total	18	48	10	0	0	76	16	308	108	1	0	433	41	28	63	0	0	132	149	346	21	1	0	517	0	1158	1158						
09:00	2	21	4	0	0	27	2	81	33	0	1	116	16	12	29	0	2	57	39	85	10	0	0	134	3	334	337						
09:15	3	29	8	0	0	40	3	100	69	0	2	172	23	12	23	0	0	58	57	79	2	0	0	138	2	408	410						
09:30	1	17	4	0	0	22	5	82	42	0	1	129	18	9	23	0	0	50	54	81	3	0	0	138	1	339	340						
09:45	5	19	4	0	0	28	3	78	44	0	0	125	25	14	28	0	0	67	48	92	5	0	0	145	0	365	365						
Total	11	86	20	0	0	117	13	341	188	0	4	542	82	47	103	0	2	232	198	337	20	0	0	555	6	1446	1452						
10:00	3	7	6	0	0	16	3	94	24	1	0	122	17	8	26	0	0	51	21	78	5	0	0	104	0	293	293						
10:15	4	9	5	0	0	18	4	89	11	0	0	104	12	2	12	0	0	26	26	68	2	0	0	96	0	244	244						
10:30	4	15	4	0	0	23	9	88	30	0	0	127	21	7	16	0	0	44	39	93	4	0	0	136	0	330	330						
10:45	7	26	5	0	0	38	4	105	50	0	0	159	32	22	31	0	0	85	35	81	2	0	0	118	0	400	400						
Total	18	57	20	0	0	95	20	376	115	1	0	512	82	39	85	0	0	206	121	320	13	0	0	454	0	1267	1267						
11:00	8	10	3	0	0	21	7	87	16	0	0	110	28	14	42	0	0	84	27	86	8	0	0	121	0	336	336						
11:15	6	12	2	0	0	20	6	66	17	1	1	90	23	9	34	0	0	66	21	96	5	0	0	122	1	298	299						
11:30	5	12	6	0	0	23	3	93	18	1	0	115	28	14	24	0	0	66	41	86	8	0	0	135	0	339	339						



# Anoka County Highway Department

## Traffic Engineering Section

### Traffic Volume and Turning Movement Study

File Name : TMC 2277-t  
 Site Code :  
 Start Date : 12/06/2022  
 Page No : 2

Weather: Cold & Cloudy  
 CountCAM 3  
 Study Conducted by: Sam

Groups Printed- Cars + - Trucks

Start Time	Mississippi Blvd. Southbound						CSAH 1 (Coon Rapids Blvd) Westbound					Mississippi Blvd. Northbound					CSAH 1 (Coon Rapids Blvd) Eastbound					Exclu. Total	Inclu. Total	Int. Total			
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left				UTrn	Peds	App. Total
11:45	10	16	4	0	0	30	3	90	39	0	0	132	30	14	42	0	0	86	38	89	4	0	0	131	0	379	379
Total	29	50	15	0	0	94	19	336	90	2	1	447	109	51	142	0	0	302	127	357	25	0	0	509	1	1352	1353
12:00	1	14	2	0	0	17	5	90	28	1	1	124	32	21	48	0	0	101	43	97	7	1	0	148	1	390	391
12:15	3	18	3	0	0	24	4	109	28	0	0	141	48	22	49	0	0	119	37	82	8	0	0	127	0	411	411
12:30	6	17	5	0	2	28	6	89	23	0	1	118	23	10	30	0	0	63	28	95	5	0	0	128	3	337	340
12:45	3	15	5	0	0	23	5	117	11	1	0	134	36	19	41	0	0	96	21	84	6	0	0	111	0	364	364
Total	13	64	15	0	2	92	20	405	90	2	2	517	139	72	168	0	0	379	129	358	26	1	0	514	4	1502	1506
13:00	2	7	4	0	0	13	9	107	13	0	0	129	21	11	27	0	1	59	23	87	6	0	0	116	1	317	318
13:15	2	7	2	0	0	11	3	127	19	1	0	150	37	19	43	0	0	99	23	79	2	0	0	104	0	364	364
13:30	5	16	5	0	0	26	2	115	15	1	0	133	43	19	39	0	0	101	16	104	12	0	0	132	0	392	392
13:45	5	12	0	0	0	17	6	117	18	1	0	142	54	31	49	0	0	134	25	98	6	0	0	129	0	422	422
Total	14	42	11	0	0	67	20	466	65	3	0	554	155	80	158	0	1	393	87	368	26	0	0	481	1	1495	1496
14:00	4	2	2	0	0	8	7	116	11	0	0	134	31	16	39	0	2	86	14	92	9	0	0	115	2	343	345
14:15	4	4	4	0	0	12	4	122	17	0	0	143	19	3	33	0	0	55	20	95	11	0	1	126	1	336	337
14:30	4	9	3	0	0	16	5	134	11	1	1	151	25	9	23	0	0	57	23	97	8	0	0	128	1	352	353
14:45	5	7	3	0	0	15	3	142	12	0	1	157	18	9	24	0	0	51	16	110	2	0	0	128	1	351	352
Total	17	22	12	0	0	51	19	514	51	1	2	585	93	37	119	0	2	249	73	394	30	0	1	497	5	1382	1387
15:00	7	8	3	0	0	18	5	142	11	0	0	158	30	9	30	0	1	69	21	126	5	0	0	152	1	397	398
15:15	4	19	6	0	0	29	5	130	17	0	1	152	37	24	37	0	0	98	23	115	5	0	1	143	2	422	424
15:30	6	5	6	0	0	17	3	157	18	0	0	178	27	11	19	0	0	57	25	175	9	0	0	209	0	461	461
15:45	5	6	5	0	0	16	7	144	29	0	1	180	21	11	53	0	0	85	29	130	12	0	0	171	1	452	453
Total	22	38	20	0	0	80	20	573	75	0	2	668	115	55	139	0	1	309	98	546	31	0	1	675	4	1732	1736
16:00	6	12	2	0	1	20	10	179	17	0	0	206	19	19	37	0	0	75	29	131	5	0	0	165	1	466	467
16:15	9	5	7	0	0	21	4	160	23	0	0	187	35	5	39	0	0	79	39	133	9	0	1	181	1	468	469
16:30	6	4	5	0	0	15	6	186	20	0	4	212	27	24	30	0	0	81	36	141	8	0	0	185	4	493	497
16:45	6	5	2	0	0	13	9	192	24	0	0	225	36	13	30	0	0	79	20	111	8	0	0	139	0	456	456
Total	27	26	16	0	1	69	29	717	84	0	4	830	117	61	136	0	0	314	124	516	30	0	1	670	6	1883	1889
17:00	6	6	6	0	0	18	9	156	28	1	0	194	18	8	23	0	0	49	20	117	16	0	0	153	0	414	414
17:15	5	6	8	0	0	19	7	149	10	0	0	166	7	6	28	0	0	41	19	106	8	0	0	133	0	359	359
17:30	8	9	3	0	0	20	9	118	26	1	0	154	8	11	8	0	0	27	17	73	5	1	0	96	0	297	297
17:45	4	18	4	0	0	26	9	135	27	1	0	172	12	5	13	0	0	30	25	81	11	0	2	117	2	345	347
Total	23	39	21	0	0	83	34	558	91	3	0	686	45	30	72	0	0	147	81	377	40	1	2	499	2	1415	1417



# Anoka County Highway Department

## Traffic Engineering Section

### Traffic Volume and Turning Movement Study

File Name : TMC 2277-t  
 Site Code :  
 Start Date : 12/06/2022  
 Page No : 3

Weather: Cold & Cloudy  
 CountCAM 3  
 Study Conducted by: Sam

Groups Printed- Cars + - Trucks

Start Time	Mississippi Blvd. Southbound						CSAH 1 (Coon Rapids Blvd) Westbound						Mississippi Blvd. Northbound						CSAH 1 (Coon Rapids Blvd) Eastbound						Exclu. Total	Inclu. Total	Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total			
18:00	4	14	4	0	0	22	8	91	26	2	2	127	12	5	17	0	0	34	19	72	8	0	0	99	2	282	284
18:15	2	6	3	0	0	11	6	103	18	2	0	129	6	9	17	0	0	32	17	62	4	0	0	83	0	255	255
18:30	8	10	4	0	0	22	10	78	14	0	0	102	6	4	13	0	0	23	18	71	2	0	0	91	0	238	238
18:45	6	9	5	0	0	20	5	65	18	1	0	89	6	5	10	0	0	21	20	52	3	0	0	75	0	205	205
<b>Total</b>	<b>20</b>	<b>39</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>75</b>	<b>29</b>	<b>337</b>	<b>76</b>	<b>5</b>	<b>2</b>	<b>447</b>	<b>30</b>	<b>23</b>	<b>57</b>	<b>0</b>	<b>0</b>	<b>110</b>	<b>74</b>	<b>257</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>348</b>	<b>2</b>	<b>980</b>	<b>982</b>
19:00	2	8	5	0	0	15	1	60	21	0	0	82	31	6	15	0	0	52	15	56	4	0	0	75	0	224	224
19:15	5	12	6	0	0	23	5	58	14	2	0	79	26	6	20	0	0	52	9	52	2	0	0	63	0	217	217
19:30	6	4	1	0	0	11	5	58	11	0	0	74	10	11	8	0	0	29	7	64	4	0	0	75	0	189	189
19:45	9	3	5	0	0	17	2	56	3	2	0	63	15	7	14	0	0	36	8	40	6	1	0	55	0	171	171
<b>Total</b>	<b>22</b>	<b>27</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>66</b>	<b>13</b>	<b>232</b>	<b>49</b>	<b>4</b>	<b>0</b>	<b>298</b>	<b>82</b>	<b>30</b>	<b>57</b>	<b>0</b>	<b>0</b>	<b>169</b>	<b>39</b>	<b>212</b>	<b>16</b>	<b>1</b>	<b>0</b>	<b>268</b>	<b>0</b>	<b>801</b>	<b>801</b>
20:00	6	3	8	0	0	17	5	59	10	1	0	75	25	8	15	0	0	48	3	54	2	0	0	59	0	199	199
20:15	0	6	5	0	0	11	5	60	8	0	0	73	22	12	22	0	0	56	16	33	5	0	0	54	0	194	194
20:30	5	2	3	0	0	10	6	43	3	0	0	52	7	4	25	0	0	36	13	42	2	0	0	57	0	155	155
20:45	1	3	4	0	0	8	1	68	6	0	0	75	8	3	24	0	0	35	10	35	6	0	0	51	0	169	169
<b>Total</b>	<b>12</b>	<b>14</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>46</b>	<b>17</b>	<b>230</b>	<b>27</b>	<b>1</b>	<b>0</b>	<b>275</b>	<b>62</b>	<b>27</b>	<b>86</b>	<b>0</b>	<b>0</b>	<b>175</b>	<b>42</b>	<b>164</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>221</b>	<b>0</b>	<b>717</b>	<b>717</b>
<b>Grand Total</b>	<b>274</b>	<b>642</b>	<b>249</b>	<b>0</b>	<b>3</b>	<b>1165</b>	<b>282</b>	<b>5961</b>	<b>1355</b>	<b>23</b>	<b>20</b>	<b>7621</b>	<b>1196</b>	<b>610</b>	<b>1472</b>	<b>0</b>	<b>6</b>	<b>3278</b>	<b>1586</b>	<b>5225</b>	<b>346</b>	<b>6</b>	<b>5</b>	<b>7163</b>	<b>34</b>	<b>19227</b>	<b>19261</b>
<b>Apprch %</b>	<b>23.5</b>	<b>55.1</b>	<b>21.4</b>	<b>0</b>			<b>3.7</b>	<b>78.2</b>	<b>17.8</b>	<b>0.3</b>			<b>36.5</b>	<b>18.6</b>	<b>44.9</b>	<b>0</b>			<b>22.1</b>	<b>72.9</b>	<b>4.8</b>	<b>0.1</b>					
<b>Total %</b>	<b>1.4</b>	<b>3.3</b>	<b>1.3</b>	<b>0</b>		<b>6.1</b>	<b>1.5</b>	<b>31</b>	<b>7</b>	<b>0.1</b>		<b>39.6</b>	<b>6.2</b>	<b>3.2</b>	<b>7.7</b>	<b>0</b>		<b>17</b>	<b>8.2</b>	<b>27.2</b>	<b>1.8</b>	<b>0</b>		<b>37.3</b>	<b>0.2</b>	<b>99.8</b>	
<b>Cars +</b>	<b>260</b>	<b>635</b>	<b>237</b>	<b>0</b>		<b>1135</b>	<b>275</b>	<b>5745</b>	<b>1335</b>	<b>22</b>		<b>7397</b>	<b>1177</b>	<b>605</b>	<b>1447</b>	<b>0</b>		<b>3235</b>	<b>1552</b>	<b>5026</b>	<b>315</b>	<b>6</b>		<b>6904</b>	<b>0</b>	<b>0</b>	<b>18671</b>
<b>% Cars +</b>	<b>94.9</b>	<b>98.9</b>	<b>95.2</b>	<b>0</b>	<b>100</b>	<b>97.2</b>	<b>97.5</b>	<b>96.4</b>	<b>98.5</b>	<b>95.7</b>	<b>100</b>	<b>96.8</b>	<b>98.4</b>	<b>99.2</b>	<b>98.3</b>	<b>0</b>	<b>100</b>	<b>98.5</b>	<b>97.9</b>	<b>96.2</b>	<b>91</b>	<b>100</b>	<b>100</b>	<b>96.3</b>	<b>0</b>	<b>0</b>	<b>96.9</b>
<b>Trucks</b>	<b>14</b>	<b>7</b>	<b>12</b>	<b>0</b>		<b>33</b>	<b>7</b>	<b>216</b>	<b>20</b>	<b>1</b>		<b>244</b>	<b>19</b>	<b>5</b>	<b>25</b>	<b>0</b>		<b>49</b>	<b>34</b>	<b>199</b>	<b>31</b>	<b>0</b>		<b>264</b>	<b>0</b>	<b>0</b>	<b>590</b>
<b>% Trucks</b>	<b>5.1</b>	<b>1.1</b>	<b>4.8</b>	<b>0</b>	<b>0</b>	<b>2.8</b>	<b>2.5</b>	<b>3.6</b>	<b>1.5</b>	<b>4.3</b>	<b>0</b>	<b>3.2</b>	<b>1.6</b>	<b>0.8</b>	<b>1.7</b>	<b>0</b>	<b>0</b>	<b>1.5</b>	<b>2.1</b>	<b>3.8</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>3.7</b>	<b>0</b>	<b>0</b>	<b>3.1</b>



# Anoka County Highway Department

## Traffic Engineering Section

### Traffic Volume and Turning Movement Study

File Name : TMC 2277-t  
 Site Code :  
 Start Date : 12/06/2022  
 Page No : 4

Weather: Cold & Cloudy  
 CountCAM 3  
 Study Conducted by: Sam

Start Time	Mississippi Blvd. Southbound					CSAH 1 (Coon Rapids Blvd) Westbound					Mississippi Blvd. Northbound					CSAH 1 (Coon Rapids Blvd) Eastbound					Int. Total
	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	
Peak Hour Analysis From 05:45 to 09:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	5	10	6	0	21	2	81	31	0	114	6	5	8	0	19	35	97	3	2	137	291
07:30	8	18	2	0	28	5	78	54	0	137	7	5	14	0	26	47	133	5	0	185	376
07:45	3	34	9	0	46	0	113	88	0	201	12	13	18	0	43	88	106	16	0	210	500
08:00	4	14	5	0	23	4	79	29	0	112	10	3	11	0	24	45	102	9	1	157	316
Total Volume	20	76	22	0	118	11	351	202	0	564	35	26	51	0	112	215	438	33	3	689	1483
% App. Total	16.9	64.4	18.6	0		2	62.2	35.8	0		31.2	23.2	45.5	0		31.2	63.6	4.8	0.4		
PHF	.625	.559	.611	.000	.641	.550	.777	.574	.000	.701	.729	.500	.708	.000	.651	.611	.823	.516	.375	.820	.742

Peak Hour Analysis From 10:00 to 13:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:30																					
11:30	5	12	6	0	23	3	93	18	1	115	28	14	24	0	66	41	86	8	0	135	339
11:45	10	16	4	0	30	3	90	39	0	132	30	14	42	0	86	38	89	4	0	131	379
12:00	1	14	2	0	17	5	90	28	1	124	32	21	48	0	101	43	97	7	1	148	390
12:15	3	18	3	0	24	4	109	28	0	141	48	22	49	0	119	37	82	8	0	127	411
Total Volume	19	60	15	0	94	15	382	113	2	512	138	71	163	0	372	159	354	27	1	541	1519
% App. Total	20.2	63.8	16	0		2.9	74.6	22.1	0.4		37.1	19.1	43.8	0		29.4	65.4	5	0.2		
PHF	.475	.833	.625	.000	.783	.750	.876	.724	.500	.908	.719	.807	.832	.000	.782	.924	.912	.844	.250	.914	.924

Peak Hour Analysis From 14:00 to 20:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:00																					
16:00	6	12	2	0	20	10	179	17	0	206	19	19	37	0	75	29	131	5	0	165	466
16:15	9	5	7	0	21	4	160	23	0	187	35	5	39	0	79	39	133	9	0	181	468
16:30	6	4	5	0	15	6	186	20	0	212	27	24	30	0	81	36	141	8	0	185	493
16:45	6	5	2	0	13	9	192	24	0	225	36	13	30	0	79	20	111	8	0	139	456
Total Volume	27	26	16	0	69	29	717	84	0	830	117	61	136	0	314	124	516	30	0	670	1883
% App. Total	39.1	37.7	23.2	0		3.5	86.4	10.1	0		37.3	19.4	43.3	0		18.5	77	4.5	0		
PHF	.750	.542	.571	.000	.821	.725	.934	.875	.000	.922	.813	.635	.872	.000	.969	.795	.915	.833	.000	.905	.955





# Anoka County Highway Department

## Traffic Engineering Section

### Traffic Volume and Turning Movement Study

File Name : TMC 2277-t  
 Site Code :  
 Start Date : 12/06/2022  
 Page No : 1

Weather: Cold & Cloudy  
 CountCAM 3  
 Study Conducted by: Sam

Groups Printed- Trucks

Start Time	Mississippi Blvd. Southbound					CSAH 1 (Coon Rapids Blvd) Westbound					Mississippi Blvd. Northbound					CSAH 1 (Coon Rapids Blvd) Eastbound					Int. Total	
	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total		
05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	2
06:15	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	6	0	0	6	6	7
06:30	0	0	0	0	0	0	1	3	0	4	0	0	3	0	3	0	4	0	0	4	4	11
06:45	0	0	0	0	0	0	0	2	0	2	0	1	0	0	1	0	5	1	0	6	6	9
Total	0	0	0	0	0	0	2	5	0	7	0	1	3	0	4	0	17	1	0	18	18	29
07:00	1	2	0	0	3	0	6	0	0	6	0	0	1	0	1	0	2	0	0	2	2	12
07:15	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2	2	1	0	5	5	7
07:30	0	0	1	0	1	0	5	1	0	6	0	0	1	0	1	0	10	1	0	11	11	19
07:45	1	0	1	0	2	0	6	0	0	6	0	0	0	0	0	0	6	4	0	10	10	18
Total	2	2	2	0	6	0	19	1	0	20	0	0	2	0	2	2	20	6	0	28	28	56
08:00	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	6	2	0	8	8	12
08:15	0	1	0	0	1	0	8	0	1	9	0	0	0	0	0	2	4	1	0	7	7	17
08:30	0	0	0	0	0	0	6	1	0	7	1	0	1	0	2	2	2	1	0	5	5	14
08:45	0	0	0	0	0	2	2	0	0	4	1	0	0	0	1	3	3	0	0	6	6	11
Total	0	1	0	0	1	2	20	1	1	24	2	0	1	0	3	7	15	4	0	26	26	54
09:00	0	1	0	0	1	0	5	0	0	5	0	0	0	0	0	2	6	0	0	8	8	14
09:15	1	0	0	0	1	0	11	0	0	11	1	0	0	0	1	2	4	0	0	6	6	19
09:30	0	0	0	0	0	1	7	0	0	8	0	0	0	0	0	0	5	1	0	6	6	14
09:45	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	1	0	3	3	6
Total	1	1	0	0	2	1	26	0	0	27	1	0	0	0	1	4	17	2	0	23	23	53
10:00	0	0	1	0	1	0	7	0	0	7	0	0	1	0	1	0	3	1	0	4	4	13
10:15	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	1	6	0	0	7	7	11
10:30	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	8	1	0	9	9	11
10:45	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	1	3	0	0	4	4	11
Total	0	0	1	0	1	0	19	0	0	19	1	0	1	0	2	2	20	2	0	24	24	46
11:00	0	0	0	0	0	0	5	0	0	5	0	0	1	0	1	1	5	0	0	6	6	12
11:15	1	0	0	0	1	0	4	1	0	5	0	0	0	0	0	0	4	0	0	4	4	10
11:30	0	0	1	0	1	0	3	0	0	3	0	0	1	0	1	1	5	1	0	7	7	12
11:45	0	0	0	0	0	1	2	4	0	7	1	1	1	0	3	1	4	1	0	6	6	16
Total	1	0	1	0	2	1	14	5	0	20	1	1	3	0	5	3	18	2	0	23	23	50
12:00	1	0	0	0	1	0	8	0	0	8	0	0	0	0	0	0	3	1	0	4	4	13
12:15	2	0	0	0	2	0	4	0	0	4	0	0	0	0	0	1	4	0	0	5	5	11
12:30	1	0	0	0	1	0	3	0	0	3	2	0	0	0	2	0	1	0	0	1	1	7
12:45	0	0	0	0	0	1	2	0	0	3	1	0	1	0	2	0	0	1	0	1	1	6
Total	4	0	0	0	4	1	17	0	0	18	3	0	1	0	4	1	8	2	0	11	11	37
13:00	0	0	1	0	1	0	6	1	0	7	1	0	2	0	3	2	3	0	0	5	5	16
13:15	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	1	3	1	0	5	5	9
13:30	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	10	4	0	14	14	16
13:45	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	1	13	1	0	15	15	23
Total	0	0	1	0	1	0	19	1	0	20	2	0	2	0	4	4	29	6	0	39	39	64
14:00	0	0	0	0	0	1	4	0	0	5	1	0	0	0	1	0	1	0	0	1	1	7
14:15	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	8	2	0	10	10	12
14:30	2	1	0	0	3	1	4	0	0	5	0	0	2	0	2	1	4	1	0	6	6	16
14:45	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	1	8	0	0	9	9	13
Total	2	1	0	0	3	2	12	2	0	16	1	0	2	0	3	2	21	3	0	26	26	48



# Anoka County Highway Department

## Traffic Engineering Section

### Traffic Volume and Turning Movement Study

File Name : TMC 2277-t  
 Site Code :  
 Start Date : 12/06/2022  
 Page No : 2

Weather: Cold & Cloudy  
 CountCAM 3  
 Study Conducted by: Sam

Groups Printed- Trucks

Start Time	Mississippi Blvd. Southbound					CSAH 1 (Coon Rapids Blvd) Westbound					Mississippi Blvd. Northbound					CSAH 1 (Coon Rapids Blvd) Eastbound					Int. Total
	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	
15:00	0	0	0	0	0	0	9	0	0	9	0	2	0	0	2	0	1	0	0	1	12
15:15	0	1	0	0	1	0	5	0	0	5	0	0	0	0	0	2	2	0	0	4	10
15:30	1	0	2	0	3	0	3	1	0	4	3	0	0	0	3	0	9	0	0	9	19
15:45	0	0	2	0	2	0	6	0	0	6	0	0	3	0	3	1	3	0	0	4	15
<b>Total</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>23</b>	<b>1</b>	<b>0</b>	<b>24</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>8</b>	<b>3</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>56</b>
16:00	0	1	0	0	1	0	5	0	0	5	1	0	0	0	1	1	2	0	0	3	10
16:15	1	0	0	0	1	0	5	0	0	5	0	0	1	0	1	1	0	1	0	2	9
16:30	0	0	1	0	1	0	3	0	0	3	0	1	0	0	1	1	1	0	0	2	7
16:45	0	0	0	0	0	0	11	0	0	11	0	0	1	0	1	0	1	0	0	1	13
<b>Total</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>39</b>
17:00	0	0	0	0	0	0	2	0	0	2	0	0	2	0	2	1	1	0	0	2	6
17:15	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	4
17:30	1	0	2	0	3	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	5
17:45	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	3
<b>Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>18</b>
18:00	0	0	0	0	0	0	3	0	0	3	1	0	2	0	3	0	1	0	0	1	7
18:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	2
18:30	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	3
18:45	1	0	0	0	1	0	1	0	0	1	1	0	0	0	1	0	1	0	0	1	4
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>16</b>
19:00	0	0	0	0	0	0	2	0	0	2	1	0	0	0	1	1	0	1	0	2	5
19:15	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	2
19:30	0	0	0	0	0	0	2	1	0	3	0	0	1	0	1	0	3	0	0	3	7
19:45	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>15</b>
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
20:15	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	0	3	4
20:30	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
20:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0	2	3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>9</b>
<b>Grand Total</b>	<b>14</b>	<b>7</b>	<b>12</b>	<b>0</b>	<b>33</b>	<b>7</b>	<b>216</b>	<b>20</b>	<b>1</b>	<b>244</b>	<b>19</b>	<b>5</b>	<b>25</b>	<b>0</b>	<b>49</b>	<b>34</b>	<b>199</b>	<b>31</b>	<b>0</b>	<b>264</b>	<b>590</b>
<b>Apprch %</b>	<b>42.4</b>	<b>21.2</b>	<b>36.4</b>	<b>0</b>		<b>2.9</b>	<b>88.5</b>	<b>8.2</b>	<b>0.4</b>		<b>38.8</b>	<b>10.2</b>	<b>51</b>	<b>0</b>		<b>12.9</b>	<b>75.4</b>	<b>11.7</b>	<b>0</b>		
<b>Total %</b>	<b>2.4</b>	<b>1.2</b>	<b>2</b>	<b>0</b>	<b>5.6</b>	<b>1.2</b>	<b>36.6</b>	<b>3.4</b>	<b>0.2</b>	<b>41.4</b>	<b>3.2</b>	<b>0.8</b>	<b>4.2</b>	<b>0</b>	<b>8.3</b>	<b>5.8</b>	<b>33.7</b>	<b>5.3</b>	<b>0</b>	<b>44.7</b>	

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 12/06/2022

## Signal Warrants - Summary

---

### Major Street Approaches

Eastbound: CSAH 1 (Coon Rapids Blvd)

Number of Lanes : 2+

Total Approach Volume: 7,163

Westbound: CSAH 1 (Coon Rapids Blvd)

Number of Lanes :2+

Total Approach Volume: 7,621

### Minor Street Approaches

Northbound: Mississippi Blvd.

Number of Lanes :1

Total Approach Volume: 3,278

Southbound: Mississippi Blvd.

Number of Lanes :1

Total Approach Volume: 1,165

---

### Warrant Summary (Rural Values Apply)

Warrant 1 - Eight Hour Vehicular Volumes.....Satisfied

Warrant 1A - Minimum Vehicular Volume.....Satisfied

Required volumes reached for 14 hours, 8 are needed

Warrant 1B - Interruption of Continuous Traffic.....Satisfied

Required volumes reached for 13 hours, 8 are needed

Warrant 1C - Combination of Warrants.....Satisfied

Required 1A volumes reached for 14 hours, 8 are needed

Required 1B volumes reached for 14 hours, 8 are needed

Warrant 2 - Four Hour Volumes.....Satisfied

Number of hours (14) volumes exceed minimum >= minimum required (4).

Warrant 3 - Peak Hour.....Satisfied

Warrant 3A - Peak Hour Delay.....Satisfied

Number of one hour periods (49) volumes exceed minimum >= required (1). Delay data not evaluated.

Warrant 3B - Peak Hour Volumes.....Satisfied

Volumes exceed minimums for at least one hour period.

Warrant 4 - Pedestrian Volumes.....Not Evaluated

Warrant 5 - School Crossing.....Not Evaluated

Warrant 6 - Coordinated Signal System.....Not Evaluated

Warrant 7 - Crash Experience.....Not Evaluated

Warrant 8 - Roadway Network.....Not Evaluated

Warrant 9 - Intersection Near a Grade Crossing.....Not Evaluated

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 12/06/2022

## Warrant 1A - Minimum Volumes

#### Description

Intended for sites where the volume of intersecting traffic is the principal reason for consideration of a signal installation.

#### Summary

14 one hour periods meet minimums.  
Warrant IS met.

#### Site Data Required

Rural Settings Apply = **True**  
Number of Major Lanes = **2 or more**  
Number of Minor Lanes = **1**

#### Volume Requirements

Rural Factor of 70 % applied  
Veh/Hr Major = **420**  
  
Veh/Hr Minor = **105**

Time	Major Road				Total	Minor Road		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
	<b>CSAH 1 (Coon Rapids Blvd)</b>					<b>Mississippi Blvd.</b>		
16:00 - 17:00	670	+	830	=	1500	314	69	Yes
15:00 - 16:00	675	+	668	=	1343	309	80	Yes
17:00 - 18:00	499	+	686	=	1185	147	83	Yes
07:00 - 08:00	649	+	527	=	1176	108	108	Yes
09:00 - 10:00	555	+	542	=	1097	232	117	Yes
14:00 - 15:00	497	+	585	=	1082	249	51	Yes
13:00 - 14:00	481	+	554	=	1035	393	67	Yes
12:00 - 13:00	514	+	517	=	1031	379	92	Yes
10:00 - 11:00	454	+	512	=	966	206	95	Yes
11:00 - 12:00	509	+	447	=	956	302	94	Yes
08:00 - 09:00	517	+	433	=	950	132	76	Yes
18:00 - 19:00	348	+	447	=	795	110	75	Yes
19:00 - 20:00	268	+	298	=	566	169	66	Yes
20:00 - 21:00	221	+	275	=	496	175	46	Yes
06:45 - 07:45	564	+	439	=	1003	86	81	No
06:30 - 07:30	457	+	389	=	846	78	67	No
06:15 - 07:15	382	+	334	=	716	67	54	No
06:00 - 07:00	306	+	299	=	605	53	46	No
05:45 - 06:45	181	+	187	=	368	32	27	No
05:30 - 06:30	103	+	100	=	203	14	13	No
05:15 - 06:15	41	+	41	=	82	6	5	No
05:00 - 06:00	0	+	1	=	1	0	0	No
00:00 - 01:00	0	+	0	=	0	0	0	No
00:15 - 01:15	0	+	0	=	0	0	0	No
00:30 - 01:30	0		0		0	0	0	No

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 12/06/2022

## Warrant 1B - Interruption of Continuous Traffic

#### Description

Intended for sites where the volume of the major street is so heavy that traffic on the minor street suffers excessive delay or hazard.

#### Summary

13 one hour periods meet minimums.  
Warrant IS met.

#### Site Data Required

Rural Settings Apply = **True**  
 Number of Major Lanes = **2 or more**  
 Number of Minor Lanes = **1**

#### Volume Requirements

Rural Factor of 70 % applied  
 Veh/Hr Major = **630**  
 Veh/Hr Minor = **53**

Time	Major Road					Minor Road		Met?
	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	
	CSAH 1 (Coon Rapids Blvd)					Mississippi Blvd.		
16:15 - 17:15	658	+	818	=	1476	288	67	Yes
15:15 - 16:15	688	+	716	=	1404	315	82	Yes
07:15 - 08:15	689	+	564	=	1253	112	118	Yes
14:15 - 15:15	534	+	609	=	1143	232	61	Yes
09:15 - 10:15	525	+	548	=	1073	226	106	Yes
17:15 - 18:15	445	+	619	=	1064	132	87	Yes
13:15 - 14:15	480	+	559	=	1039	420	62	Yes
12:15 - 13:15	482	+	522	=	1004	337	88	Yes
11:15 - 12:15	536	+	461	=	997	319	90	Yes
10:15 - 11:15	471	+	500	=	971	239	100	Yes
08:15 - 09:15	494	+	437	=	931	165	80	Yes
18:15 - 19:15	324	+	402	=	726	128	68	Yes
06:15 - 07:15	382	+	334	=	716	67	54	Yes
06:00 - 07:00	306	+	299	=	605	53	46	No
19:15 - 20:15	252	+	291	=	543	165	68	No
19:30 - 20:30	243	+	285	=	528	169	56	No
20:00 - 21:00	221	+	275	=	496	175	46	No
19:45 - 20:45	225	+	263	=	488	176	55	No
05:45 - 06:45	181	+	187	=	368	32	27	No
20:15 - 21:15	162	+	200	=	362	127	29	No
20:30 - 21:30	108	+	127	=	235	71	18	No
05:30 - 06:30	103	+	100	=	203	14	13	No
20:45 - 21:45	51	+	75	=	126	35	8	No
05:15 - 06:15	41	+	41	=	82	6	5	No
05:00 - 06:00	0		1	=	1	0	0	No

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 12/06/2022

## Warrant 1C Combination of Warrants

#### Description

Intended for sites where the traffic volumes don't meet individual warrants but where Warrants 1A and 1B are both met to 80% of their stated values.

#### Summary

14 hours meet 1A minimums.  
14 hours meet 1B minimums.  
Warrant IS met.

#### Site Data Required

Rural Settings Apply = **True**  
Number of Major Lanes = **2 or more**  
Number of Minor Lanes = **1**

#### Volume Requirements

Rural Factor of 70% applied  
Warrant 1A 1B  
Veh/Hr Major = **336 504**

Veh/Hr Minor = **84 42**

#### Major Road CSAH 1 (Coon Rapids Blvd)

#### Minor Road Mississippi Blvd.

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1A?
15:45 - 16:45	702	+	785	=	1487	320	72	Yes
14:45 - 15:45	632	+	645	=	1277	275	79	Yes
16:45 - 17:45	521	+	739	=	1260	196	70	Yes
07:45 - 08:45	606	+	533	=	1139	127	104	Yes
13:45 - 14:45	498	+	570	=	1068	332	53	Yes
11:45 - 12:45	534	+	515	=	1049	369	99	Yes
08:45 - 09:45	531	+	518	=	1049	213	107	Yes
12:45 - 13:45	463	+	546	=	1009	355	73	Yes
06:45 - 07:45	564	+	439	=	1003	86	81	Yes
10:45 - 11:45	496	+	474	=	970	301	102	Yes
09:45 - 10:45	481	+	478	=	959	188	85	Yes
17:45 - 18:45	390	+	530	=	920	119	81	Yes

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?
16:00 - 17:00	670	+	830	=	1500	314	69	Yes
15:00 - 16:00	675	+	668	=	1343	309	80	Yes
17:00 - 18:00	499	+	686	=	1185	147	83	Yes
07:00 - 08:00	649	+	527	=	1176	108	108	Yes
09:00 - 10:00	555	+	542	=	1097	232	117	Yes
14:00 - 15:00	497	+	585	=	1082	249	51	Yes
13:00 - 14:00	481	+	554	=	1035	393	67	Yes
12:00 - 13:00	514	+	517	=	1031	379	92	Yes
10:00 - 11:00	454	+	512	=	966	206	95	Yes
11:00 - 12:00	509	+	447	=	956	302	94	Yes
08:00 - 09:00	517	+	433	=	950	132	76	Yes
18:00 - 19:00	348	+	447	=	795	110	75	Yes

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 12/06/2022

## Warrant 2 - Four Hour Volumes

#### Description

Intended for sites where the volume of intersecting traffic during any four hours of the day is the principal reason for consideration of a signal installation.

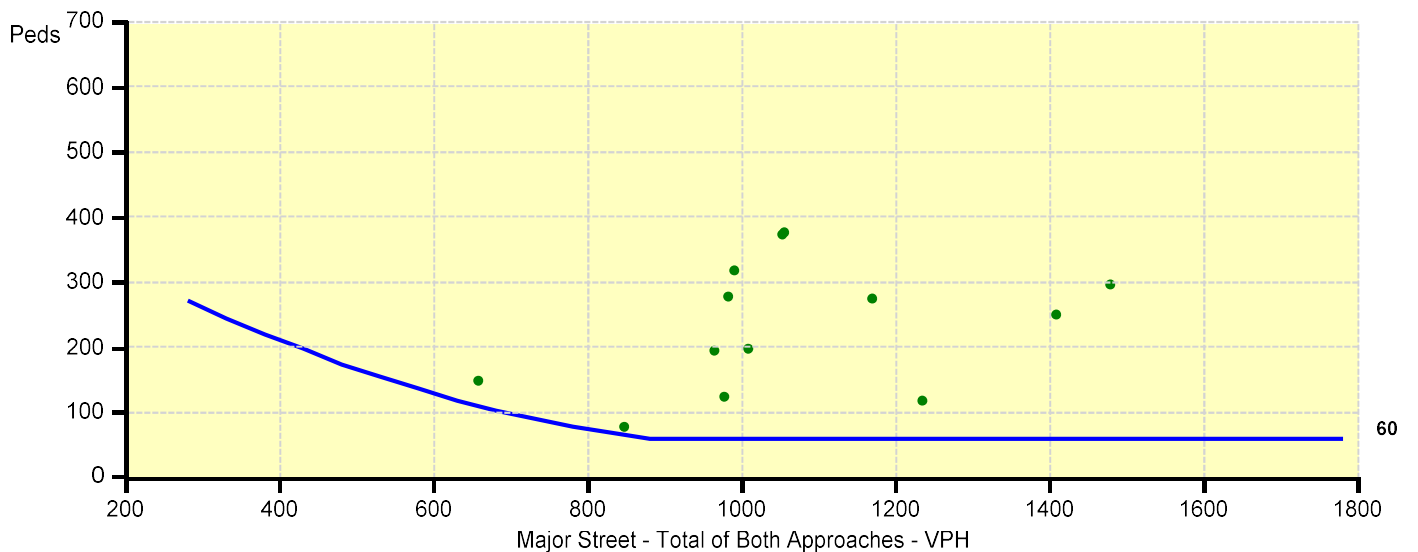
#### Summary

14 one hour periods meet minimums.  
Warrant IS met.

#### Site Data Required

Rural Settings Apply = **True**  
 Number of Major Lanes = **2 or more**  
 Number of Minor Lanes = **1**

Time	Major Road CSAH 1 (Coon Rapids Blvd)					Minor Road Mississippi Blvd.		Met?
	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	
15:30 - 16:30	726	+	751	=	1477	296	74	Yes
16:30 - 17:30	610	+	797	=	1407	250	65	Yes
07:30 - 08:30	668	+	566	=	1234	118	116	Yes
14:30 - 15:30	551	+	618	=	1169	275	78	Yes
13:30 - 14:30	502	+	552	=	1054	376	63	Yes
11:30 - 12:30	541	+	512	=	1053	372	94	Yes
08:30 - 09:30	516	+	493	=	1009	198	101	Yes
12:30 - 13:30	459	+	531	=	990	317	75	Yes
10:30 - 11:30	497	+	486	=	983	279	102	Yes
17:30 - 18:30	395	+	582	=	977	123	79	Yes
09:30 - 10:30	483	+	480	=	963	194	84	Yes
06:30 - 07:30	457		389		846	78	67	Yes



# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 12/06/2022

## Warrant 3B - Peak Hour Volumes

#### Description

Intended for sites where the volume of intersecting traffic during one hour of the day is the principal reason for consideration of a signal installation.

#### Summary

43 one hour periods meet minimums.  
Warrant IS met.

#### Site Data Required

Rural Settings Apply = **True**  
 Number of Major Lanes = **2 or more**  
 Number of Minor Lanes = **1**

Time	Major Road CSAH 1 (Coon Rapids Blvd)					Minor Road Mississippi Blvd.		Met?
	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	
16:00 - 17:00	670	+	830	=	1500	314	69	Yes
15:45 - 16:45	702	+	785	=	1487	320	72	Yes
15:30 - 16:30	726	+	751	=	1477	296	74	Yes
16:15 - 17:15	658	+	818	=	1476	288	67	Yes
16:30 - 17:30	610	+	797	=	1407	250	65	Yes
15:15 - 16:15	688	+	716	=	1404	315	82	Yes
15:00 - 16:00	675	+	668	=	1343	309	80	Yes
14:45 - 15:45	632	+	645	=	1277	275	79	Yes
16:45 - 17:45	521	+	739	=	1260	196	70	Yes
07:15 - 08:15	689	+	564	=	1253	112	118	Yes
07:30 - 08:30	668	+	566	=	1234	118	116	Yes
17:00 - 18:00	499		686		1185	147	83	Yes

