

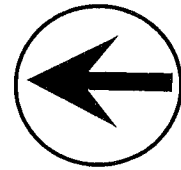
Date : 07/10/14

Count Number : TMC1414

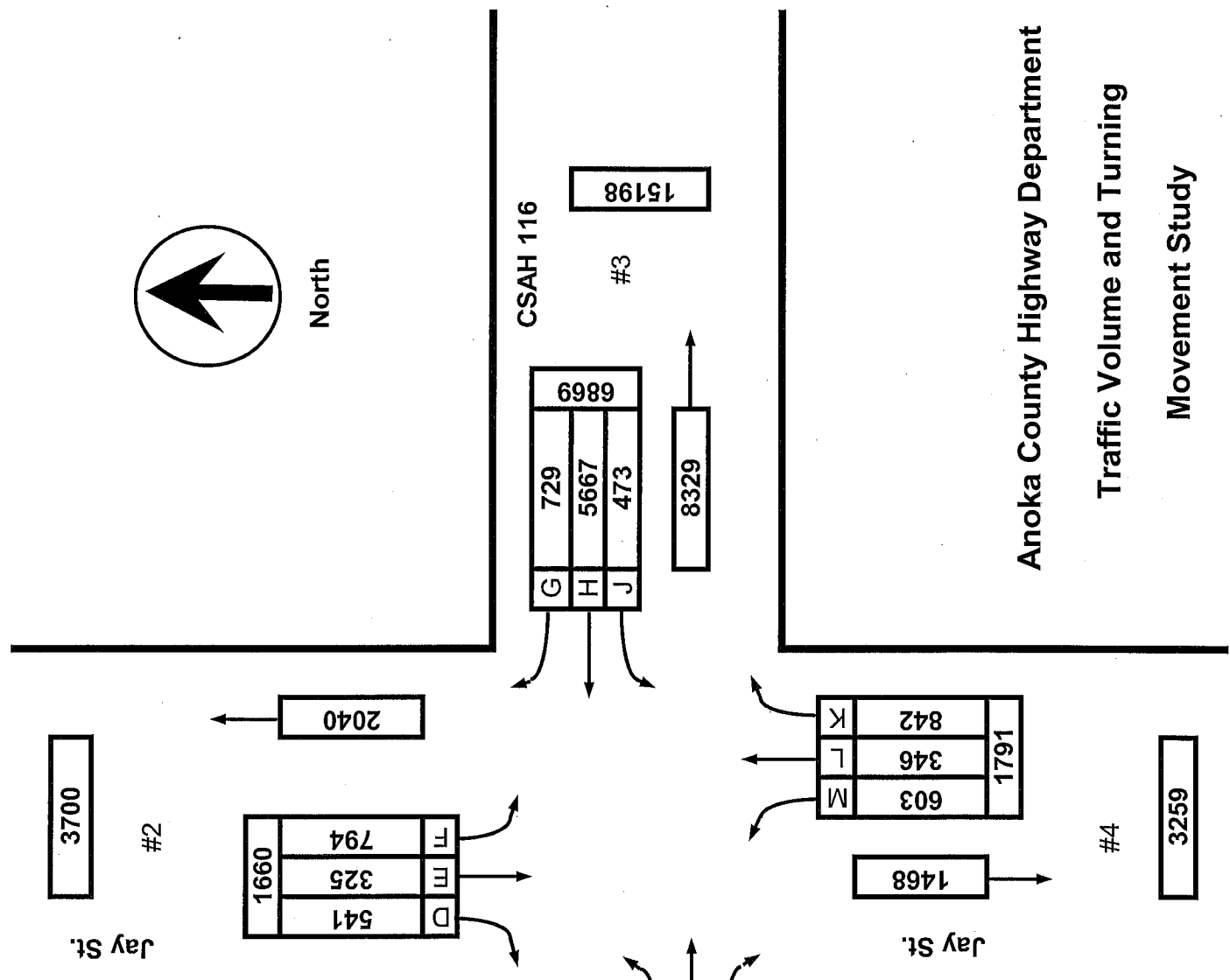
Location : CSAH 116 (Bunker Lake Blvd.)

@ Jay St.

Collection Period : 6 AM - 10 PM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 07/10/14

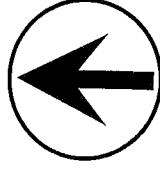
Count Number : TMC1414

Location : CSAH 116 (Bunker Lake Blvd.)

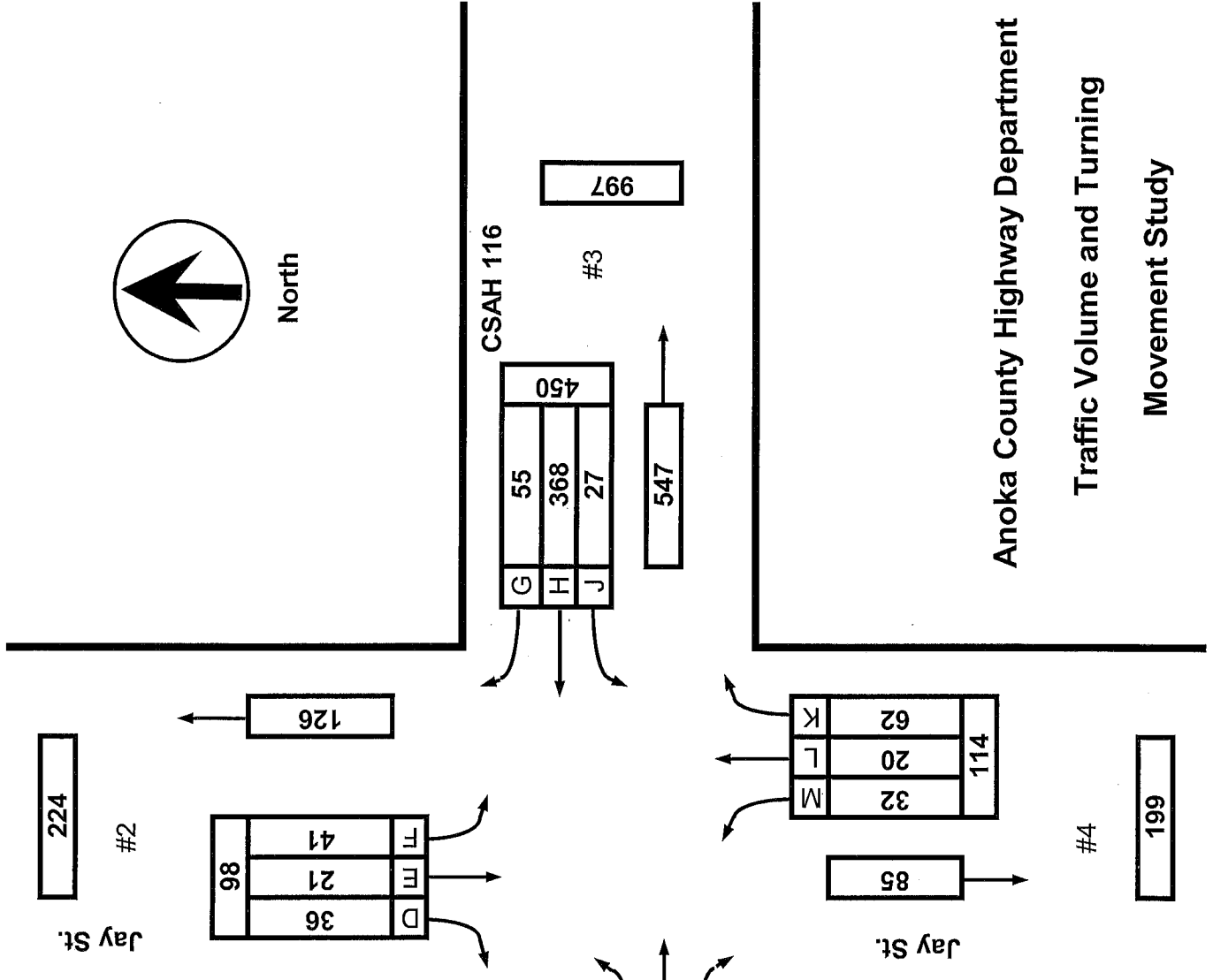
@ Jay St.

Collection Period : AM PEAK

Hour : 11:00 - 12:00 PM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 07/08/14

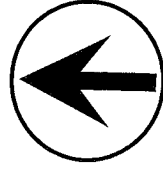
Count Number : TMC1414

Location : CSAH 116 (Bunker Lake Blvd.)

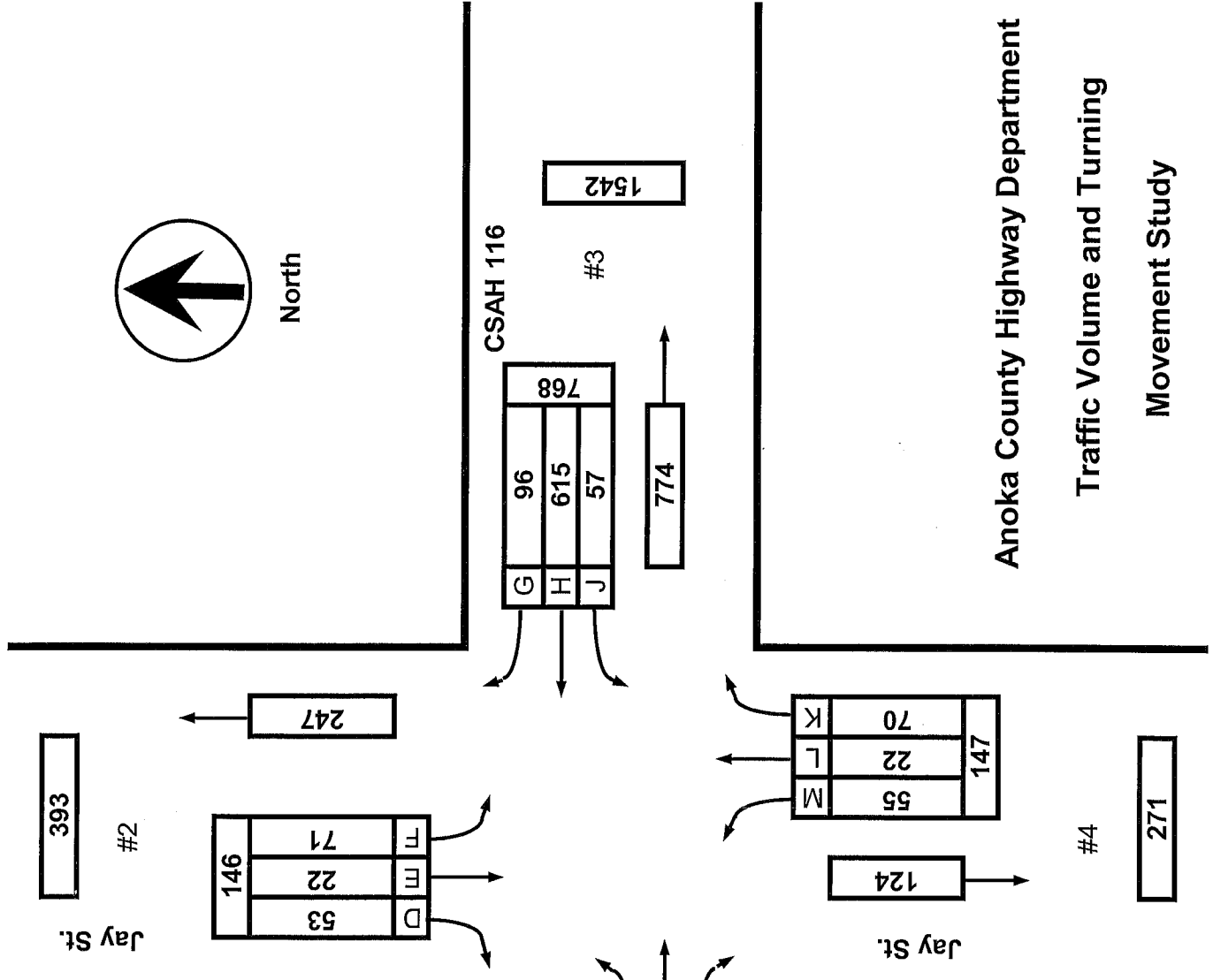
@ Jay St.

Collection Period : PM PEAK

Hour : 4:30 - 5:30 PM



North



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

Default Comments
 Weather: Warm and Sunny
 Counter: DB-400
 Study Conducted By: Jack and Steven

File Name : TMC 1414
 Site Code : 14140202
 Start Date : 07/08/2014
 Page No : 1

Groups Printed- Unshifted

Start Time	Jay Street Southbound					CSAH 116 Westbound					Jay Street Northbound					CSAH 116 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			
06:00	0	3	1	1	4	6	25	2	2	33	3	0	9	1	12	3	53	10	1	66	5	115	120
06:15	3	2	0	0	5	5	28	1	3	34	13	1	19	4	33	2	55	19	2	76	9	148	157
06:30	2	3	2	1	7	11	55	4	4	70	5	2	17	9	24	5	55	14	3	74	17	175	192
06:45	6	7	6	2	19	6	63	11	2	80	5	6	23	15	34	14	87	13	2	114	21	247	268
Total	11	15	9	4	35	28	171	18	11	217	26	9	68	29	103	24	250	56	8	330	52	685	737
07:00	6	4	8	0	18	3	62	2	3	67	10	5	20	14	35	11	69	13	1	93	18	213	231
07:15	6	2	4	0	12	6	74	6	4	86	2	2	13	5	17	10	97	16	3	123	12	238	250
07:30	0	3	5	0	8	4	80	6	5	90	2	5	12	6	19	6	105	13	6	124	17	241	258
07:45	4	4	5	2	13	5	75	8	7	88	9	4	12	9	25	13	100	11	6	124	24	250	274
Total	16	13	22	2	51	18	291	22	19	331	23	16	57	34	96	40	371	53	16	464	71	942	1013
08:00	6	0	9	2	15	5	52	3	2	60	6	2	12	5	20	5	83	20	24	108	33	203	236
08:15	6	1	8	1	15	8	61	5	3	74	6	1	9	3	16	6	83	9	6	98	13	203	216
08:30	6	9	4	2	19	5	63	4	4	72	3	4	7	0	14	10	74	5	5	89	11	194	205
08:45	3	8	6	1	17	3	74	3	3	80	9	6	6	3	21	5	101	2	10	108	17	226	243
Total	21	18	27	6	66	21	250	15	12	286	24	13	34	11	71	26	341	36	45	403	74	826	900
09:00	7	7	6	8	20	1	90	5	7	96	7	3	10	1	20	8	76	4	4	88	20	224	244
09:15	8	2	4	3	14	10	55	6	4	71	12	1	13	2	26	7	79	7	3	93	12	204	216
09:30	8	5	5	3	18	6	85	4	2	95	16	5	15	4	36	9	83	14	7	106	16	255	271
09:45	7	3	6	1	16	5	73	10	3	88	8	1	7	1	16	5	72	12	9	89	14	209	223
Total	30	17	21	15	68	22	303	25	16	350	43	10	45	8	98	29	310	37	23	376	62	892	954
10:00	7	4	8	0	19	5	64	14	4	83	10	1	8	0	19	6	87	5	2	98	6	219	225
10:15	9	6	9	3	24	8	60	10	3	78	3	4	9	2	16	6	71	20	5	97	13	215	228
10:30	9	17	5	2	31	5	77	7	4	89	11	20	16	8	47	17	82	12	5	111	19	278	297
10:45	5	2	13	2	20	5	75	10	2	90	24	7	19	30	50	7	72	10	4	89	38	249	287
Total	30	29	35	7	94	23	276	41	13	340	48	32	52	40	132	36	312	47	16	395	76	961	1037
11:00	10	0	5	0	15	9	86	15	7	110	9	0	11	3	20	8	88	10	13	106	23	251	274
11:15	7	3	11	2	21	2	108	12	6	122	7	4	15	5	26	10	133	8	9	151	22	320	342
11:30	16	9	11	3	36	10	74	18	6	102	9	11	14	3	34	13	109	7	5	129	17	301	318
11:45	8	9	9	1	26	6	100	10	3	116	7	5	22	8	34	20	114	12	6	146	18	322	340
Total	41	21	36	6	98	27	368	55	22	450	32	20	62	19	114	51	444	37	33	532	80	1194	1274
12:00	19	7	6	4	32	18	95	11	8	124	12	9	14	4	35	12	84	7	5	103	21	294	315
12:15	6	1	6	0	13	4	82	3	2	89	12	6	4	1	22	19	99	10	9	128	12	252	264
12:30	13	8	11	2	32	16	69	17	4	102	15	7	12	4	34	18	61	15	4	94	14	262	276
12:45	17	11	12	1	40	19	93	10	5	122	23	13	20	3	56	19	83	5	5	107	14	325	339
Total	55	27	35	7	117	57	339	41	19	437	62	35	50	12	147	68	327	37	23	432	61	1133	1194
13:00	22	4	12	0	38	5	71	16	4	92	6	3	12	0	21	21	103	10	8	134	12	285	297
13:15	19	6	3	0	28	8	93	8	2	109	13	0	20	0	33	20	119	9	8	148	10	318	328
13:30	15	5	11	1	31	8	70	6	5	84	11	10	24	0	45	14	110	9	3	133	9	293	302
13:45	16	9	7	0	32	4	54	8	3	66	11	5	11	1	27	20	131	9	2	160	6	285	291
Total	72	24	33	1	129	25	288	38	14	351	41	18	67	1	126	75	463	37	21	575	37	1181	1218
14:00	15	7	14	2	36	15	105	7	5	127	9	5	21	2	35	9	130	13	11	152	20	350	370
14:15	19	6	9	0	34	5	110	10	7	125	7	4	16	2	27	16	112	10	2	138	11	324	335
14:30	14	6	6	0	26	8	109	10	5	127	10	8	10	6	28	7	101	17	3	125	14	306	320
14:45	15	4	10	0	29	6	116	14	8	136	14	7	10	0	31	19	105	11	2	135	10	331	341
Total	63	23	39	2	125	34	440	41	25	515	40	24	57	10	121	51	448	51	18	550	55	1311	1366
15:00	20	1	11	0	32	2	109	19	3	130	9	5	14	1	28	12	119	14	4	145	8	335	343
15:15	13	4	8	0	25	16	124	24	5	164	12	4	16	0	32	19	147	13	7	179	12	400	412
15:30	13	5	7	0	25	7	132	13	3	152	17	7	21	6	45	13	171	13	9	197	18	419	437
15:45	16	4	6	0	26	6	133	21	1	160	14	4	34	2	52	15	145	13	4	173	7	411	418
Total	62	14	32	0	108	31	498	77	12	606	52	20	85	9	157	59	582	53	24	694	45	1565	1610
16:00	12	4	13	1	29	8	147	15	3	170	11	7	12	3	30	28	136	13	6	177	13	406	419
16:15	30	5	9	1	44	15	158	21	3	194	10	6	25	1	41	27	157	11	5	195	10	474	484
16:30	17	4	10	0	31	19	152	15	4	186	14	8	19	0	41	49	135	10	2	194	6	452	458
16:45	16	10	12	1	38	11	169	27	3	207	10	2	19	0	31	28	175	13	7	216	11	492	503
Total	75	23	44	3	142	53	626	78	13	757	45	23	75	4	143	132	603	47	20	782	40	1824	1864
17:00	19	4	13	0	36	9	142	29	1	180	16	7	16	0	39	25	146	11	4	182	5	437	442
17:15	19	4	18	1	41	18	152	25	1	195	15	5	16	1	36	27	177	11	4	215	7	487	494
17:30	28	24	22	3	74	8	131	18	1	157	15	18	10	0	43	20	119	13	4	152	8	426	434



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Default Comments
 Weather: Warm and Sunny
 Counter: DB-400
 Study Conducted By: Jack and Steven

File Name : TMC 1414
 Site Code : 14140202
 Start Date : 07/08/2014
 Page No : 2

Groups Printed- Unshifted

Start Time	Jay Street Southbound					CSAH 116 Westbound					Jay Street Northbound					CSAH 116 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			
17:45	12	7	16	0	35	10	150	27	1	187	13	4	6	0	23	16	156	12	2	184	3	429	432
Total	78	39	69	4	186	45	575	99	4	719	59	34	48	1	141	88	598	47	14	733	23	1779	1802
18:00	26	4	9	0	39	9	127	17	2	153	9	7	9	1	25	23	141	12	5	176	8	393	401
18:15	20	6	5	0	31	6	98	11	0	115	6	4	5	2	15	24	145	6	7	175	9	336	345
18:30	11	4	10	0	25	8	119	16	3	143	6	6	11	0	23	29	141	14	2	184	5	375	380
18:45	15	1	12	0	28	7	107	17	3	131	8	8	8	1	24	31	135	8	4	174	8	357	365
Total	72	15	36	0	123	30	451	61	8	542	29	25	33	4	87	107	562	40	18	709	30	1461	1491
19:00	13	9	7	0	29	12	80	14	1	106	6	3	8	0	17	13	120	15	2	148	3	300	303
19:15	12	7	16	1	35	6	80	15	1	101	13	12	12	0	37	25	103	10	4	138	6	311	317
19:30	23	3	15	0	41	7	76	10	1	93	5	9	10	0	24	13	95	8	1	116	2	274	276
19:45	15	7	12	0	34	1	74	6	0	81	12	5	15	0	32	19	96	11	4	126	4	273	277
Total	63	26	50	1	139	26	310	45	3	381	36	29	45	0	110	70	414	44	11	528	15	1158	1173
20:00	21	3	17	0	41	4	74	9	0	87	4	8	5	0	17	23	97	6	1	126	1	271	272
20:15	10	2	6	0	18	5	80	12	4	97	7	5	10	0	22	21	100	7	1	128	5	265	270
20:30	14	2	5	0	21	7	75	9	0	91	6	2	13	0	21	25	108	11	1	144	1	277	278
20:45	11	2	4	0	17	1	65	7	0	73	4	3	6	0	13	9	85	3	1	97	1	200	201
Total	56	9	32	0	97	17	294	37	4	348	21	18	34	0	73	78	390	27	4	495	8	1013	1021
21:00	11	2	5	0	18	6	50	6	0	62	7	5	10	0	22	11	66	2	2	79	2	181	183
21:15	14	8	9	0	31	3	51	14	0	68	7	9	5	1	21	10	91	6	0	107	1	227	228
21:30	16	1	4	0	21	7	43	10	0	60	6	3	10	0	19	6	83	7	1	96	1	196	197
21:45	8	1	3	0	12	0	43	6	0	49	2	3	5	1	10	4	38	6	0	48	1	119	120
Total	49	12	21	0	82	16	187	36	0	239	22	20	30	2	72	31	278	21	3	330	5	723	728
Grand Total	794	325	541	58	1660	473	5667	729	195	6869	603	346	842	184	1791	965	6693	670	297	8328	734	18648	19382
Apprch %	47.8	19.6	32.6			6.9	82.5	10.6			33.7	19.3	47			11.6	80.4	8					
Total %	4.3	1.7	2.9		8.9	2.5	30.4	3.9		36.8	3.2	1.9	4.5		9.6	5.2	35.9	3.6		44.7	3.8	96.2	

Start Time	Jay Street Southbound				CSAH 116 Westbound				Jay Street Northbound				CSAH 116 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 06:00 to 11:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:00																	
11:00	10	0	5	15	9	86	15	110	9	0	11	20	8	88	10	106	251
11:15	7	3	11	21	2	108	12	122	7	4	15	26	10	133	8	151	320
11:30	16	9	11	36	10	74	18	102	9	11	14	34	13	109	7	129	301
11:45	8	9	9	26	6	100	10	116	7	5	22	34	20	114	12	146	322
Total Volume	41	21	36	98	27	368	55	450	32	20	62	114	51	444	37	532	1194
% App. Total	41.8	21.4	36.7		6	81.8	12.2		28.1	17.5	54.4		9.6	83.5	7		
PHF	.641	.583	.818	.681	.675	.852	.764	.922	.889	.455	.705	.838	.638	.835	.771	.881	.927

Peak Hour Analysis From 12:00 to 21:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:30																	
16:30	17	4	10	31	19	152	15	186	14	8	19	41	49	135	10	194	452
16:45	16	10	12	38	11	169	27	207	10	2	19	31	28	175	13	216	492
17:00	19	4	13	36	9	142	29	180	16	7	16	39	25	146	11	182	437
17:15	19	4	18	41	18	152	25	195	15	5	16	36	27	177	11	215	487
Total Volume	71	22	53	146	57	615	96	768	55	22	70	147	129	633	45	807	1868
% App. Total	48.6	15.1	36.3		7.4	80.1	12.5		37.4	15	47.6		16	78.4	5.6		
PHF	.934	.550	.736	.890	.750	.910	.828	.928	.859	.688	.921	.896	.658	.894	.865	.934	.949



**ANOKA COUNTY HIGHWAY
PC-WARRANTS
TRAFFIC SIGNAL WARRANT ANALYSIS**

Study Name : TMC 1414
Study Date : 07/18/14
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 116
Number of Lanes: 2
85% Speed > 40 MPH.
Total Approach Volume: 8,328

Westbound: CSAH 116
Number of Lanes: 2
85% Speed > 40 MPH.
Total Approach Volume: 6,869

Minor Street Approaches

Northbound: Jay Street
Number of Lanes: 2

Total Approach Volume: 1,791

Southbound: Jay Street
Number of Lanes: 2

Total Approach Volume: 1,660

Warrant Summary (Rural values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Satisfied
Warrant 1A - Minimum Vehicular Volume Not Satisfied	
Required volumes reached for 7 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic Satisfied	
Required volumes reached for 15 hours, 8 are needed	
Warrant 1 A&B - Combination of Warrants Satisfied	
Required volumes reached for 11 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Satisfied
Number of hours (11) volumes exceed minimum >= minimum required (4).	
Warrant 3 - Peak Hour	Satisfied
Warrant 3A - Peak Hour Delay Satisfied	
Number of hours (6) volumes exceed minimum >= required (1). Delay data not evaluated.	
Warrant 3B - Peak Hour Volumes Satisfied	
Volumes exceed minimums for at least one hour.	
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



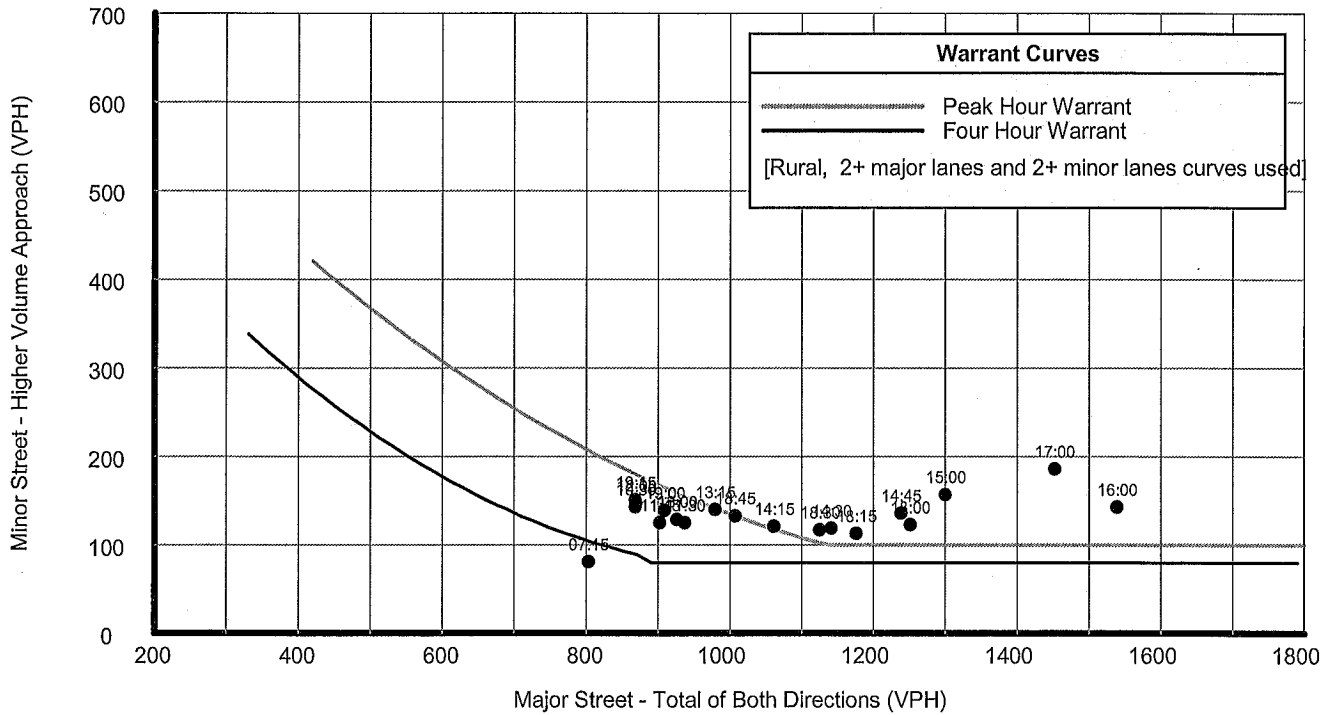
ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name : TMC 1414
 Study Date : 07/18/14
 Page No. : 2

Signal Warrants - Summary



Analysis of 8-Hour Volume Warrants:

War 1A-Minimum Volume

War 1B-Interruption of Traffic

War 1C-Combination of Warrants

Hour Begin	Major Total	Minor Vol Dir	Maj 420	Min 140	Hour Begin	Major Total	Minor Vol Dir	Maj 630	Min 70	Hour Begin	Major Total	Minor Vol Dir	Maj 504	Min 112
16:00	1,539	143 NB	Yes	Yes	16:30	1,575	147 NB	Yes	Yes	16:00	1,539	143 NB	Yes	Yes
17:00	1,452	186 SB	Yes	Yes	15:30	1,418	168 NB	Yes	Yes	17:00	1,452	186 SB	Yes	Yes
15:00	1,300	157 NB	Yes	Yes	17:30	1,299	179 SB	Yes	Yes	15:00	1,300	157 NB	Yes	Yes
13:15	979	140 NB	Yes	Yes	14:30	1,141	119 NB	Yes	Yes	18:00	1,251	123 SB	Yes	Yes
12:00	869	147 NB	Yes	Yes	18:30	1,125	117 SB	Yes	Yes	14:00	1,065	125 SB	Yes	Yes
19:15	868	151 SB	Yes	Yes	13:30	985	134 NB	Yes	Yes	11:00	982	114 NB	Yes	Yes
10:30	868	143 NB	Yes	Yes	11:30	937	125 NB	Yes	Yes	13:00	926	129 SB	Yes	Yes
18:00	1,251	123 SB	Yes	No	12:30	908	144 NB	Yes	Yes	19:00	909	139 SB	Yes	Yes
14:45	1,238	136 NB	Yes	No	10:30	868	143 NB	Yes	Yes	12:00	869	147 NB	Yes	Yes
18:15	1,176	113 SB	Yes	No	19:30	854	134 SB	Yes	Yes	10:00	735	132 NB	Yes	Yes
14:30	1,141	119 NB	Yes	No	07:30	766	80 NB	Yes	Yes	06:15	608	126 NB	Yes	Yes
18:30	1,125	117 SB	Yes	No	09:30	734	87 NB	Yes	Yes	20:00	843	97 SB	Yes	No
14:15	1,061	121 SB	Yes	No	20:30	721	87 SB	Yes	Yes	07:15	803	81 NB	Yes	No
18:45	1,007	133 SB	Yes	No	06:30	707	110 NB	Yes	Yes	20:15	771	78 NB	Yes	No
11:30	937	125 NB	Yes	No	08:30	697	81 NB	Yes	Yes	07:30	766	80 NB	Yes	No
13:00	926	129 SB	Yes	No	06:15	608	126 NB	No	Yes	08:45	737	103 NB	Yes	No
19:00	909	139 SB	Yes	No	06:00	547	103 NB	No	Yes	09:30	734	87 NB	Yes	No
11:45	902	125 NB	Yes	No	05:45	353	69 NB	No	No	09:45	733	98 NB	Yes	No
07:15	803	81 NB	Yes	No	21:30	253	33 SB	No	No	09:00	726	98 NB	Yes	No
07:00	795	96 NB	Yes	No	05:30	209	45 NB	No	No	09:15	723	97 NB	Yes	No
06:45	777	105 NB	Yes	No	05:15	99	12 NB	No	No	20:30	721	87 SB	Yes	No
20:15	771	78 NB	Yes	No	21:45	97	12 SB	No	No	07:45	713	75 NB	Yes	No
10:15	770	133 NB	Yes	No	22:45	0	0 SB	No	No	08:15	705	71 SB	Yes	No
07:30	766	80 NB	Yes	No	22:30	0	0 SB	No	No	08:30	697	81 NB	Yes	No



**ANOKA COUNTY HIGHWAY
PC-WARRANTS
TRAFFIC SIGNAL WARRANT ANALYSIS**

Study Name : TMC 1414
Study Date : 07/18/14
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: CSAH 116
Total Approach Volume: 8,328
85% Speed > 40 MPH.

Westbound: CSAH 116
Total Approach Volume: 6,869
85% Speed > 40 MPH.

Minor Street Approaches

Northbound: Jay Street
Total Approach Volume: 1,791

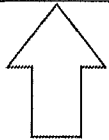
Southbound: Jay Street
Total Approach Volume: 1,660

Warrant Summary

- Criteria A - Interim Measure** **Not Evaluated**
If traffic signals are justified, stop signs can be installed as an interim measure.
- Criteria B - Crash Experience** **Not Evaluated**
- Criteria C - Minimum Volumes and Delays** **Satisfied**
Delay data not evaluated
Required volumes reached for 14 hours, 8 are needed
- Criteria D - 80% of Volumes, Delays, and Crashes** **Not Evaluated**
Delay data not evaluated
Number of crashes (-1) is less than the minimum required (4).
Required volumes reached for 17 hours, 8 are needed

Analysis of 8-Hour Volume Warrants:

Time	Major Total	Minor Total	Crit C			Crit D		
			Major	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
06:15 - 07:15	608	175	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:15 - 09:15	705	142	210-Yes	140-Yes	Both	240-Yes	160-No	Major
09:15 - 10:15	723	164	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
10:15 - 11:15	770	223	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
11:15 - 12:15	993	244	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
12:15 - 13:15	868	256	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
13:15 - 14:15	979	267	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
14:15 - 15:15	1,061	235	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:15 - 16:15	1,372	264	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:15 - 17:15	1,554	301	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:15 - 18:15	1,419	316	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:15 - 19:15	1,176	192	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
19:15 - 20:15	868	261	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
20:15 - 21:15	771	152	210-Yes	140-Yes	Both	240-Yes	160-No	Major
05:45 - 06:45	353	85	210-Yes	140-No	Major	240-Yes	160-No	Major
06:00 - 07:00	547	138	210-Yes	140-No	Major	240-Yes	160-No	Major
07:15 - 08:15	803	129	210-Yes	140-No	Major	240-Yes	160-No	Major
07:30 - 08:30	766	131	210-Yes	140-No	Major	240-Yes	160-No	Major
07:45 - 08:45	713	137	210-Yes	140-No	Major	240-Yes	160-No	Major
08:00 - 09:00	689	137	210-Yes	140-No	Major	240-Yes	160-No	Major
21:15 - 22:15	428	114	210-Yes	140-No	Major	240-Yes	160-No	Major
21:30 - 22:30	253	62	210-Yes	140-No	Major	240-Yes	160-No	Major
00:00 - 01:00	0	0	210-No	140-No	No	240-No	160-No	No
00:15 - 01:15	0	0	210-No	140-No	No	240-No	160-No	No



NORTH

COUNT LOCATION:

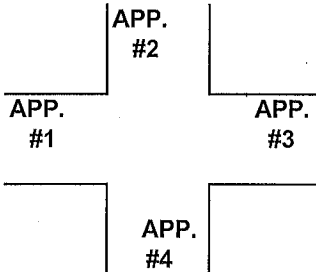
CSAH 116 (Bunker Lake Blvd.)

DATE:

07/10/2014

@ Jay St.

APP. #1 = CSAH 116
APP. #2 = Jay St.
APP. #3 = CSAH 116
APP. #4 = Jay St.

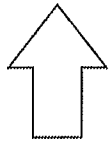


HEAVY VEHICLE- ANY VEHICLE HAVING MORE THAN FOUR TIRES TOUCHING THE PAVEMENT

- 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		1			1	7		4	
6:15-6:30						5			
6:30-6:45						6		8	
6:45-7:00						6		15	
HOURLY TOTAL					1	HOURLY TOTAL	51		
7:00-7:15						5		13	
7:15-7:30			1		1	5		7	
7:30-7:45				2	2	9		18	
7:45-8:00				1	1	3		10	
HOURLY TOTAL					4	HOURLY TOTAL	70		
8:00-8:15	3				3	20		15	
8:15-8:30	5	2			7	10		3	
8:30-8:45						11		3	
8:45-9:00	2				2	11		1	
HOURLY TOTAL					12	HOURLY TOTAL	74		
9:00-9:15	1		1		2	14		4	
9:15-9:30			1	1	2	8		4	
9:30-9:45			2	1	3	11		4	
9:45-10:00	3	1			4	14			
HOURLY TOTAL					11	HOURLY TOTAL	59		
10:00-10:15	1				1	6			
10:15-10:30	2				2	13		3	
10:30-10:45			2		2	13		6	
10:45-11:00	1	1	1	1	4	7		31	
HOURLY TOTAL					9	HOURLY TOTAL	79		
11:00-11:15	3	2			5	16	2	16	
11:15-11:30				1	1	11		5	
11:30-11:45			3		3	15		10	
11:45-12:00									
HOURLY TOTAL					9	HOURLY TOTAL	75		
12:00-12:15	1	1	2		4	15		7	
12:15-12:30	9	3			12	11		7	
12:30-12:45		3			3	4		10	
12:45-1:00	4			3	7	5		9	
HOURLY TOTAL					26	HOURLY TOTAL	68		
1:00-1:15			1	2	3	7	1	4	
1:15-1:30				3	3	4		6	
1:30-1:45						9		3	
1:45-2:00	5		1	1	7	5			
HOURLY TOTAL					13	HOURLY TOTAL	39		
	TOTAL				85		TOTAL		515

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NORTH

COUNT LOCATION:

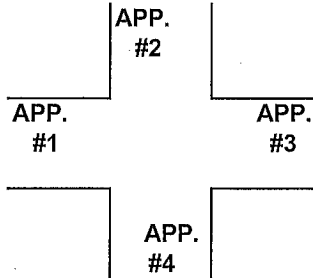
CSAH 116 (Bunker Lake Blvd.)

DATE:

07/08/2014

@ Jay St.

APP. #1 = CSAH 116
APP. #2 = Jay St.
APP. #3 = CSAH 116
APP. #4 = Jay St.



- HEAVY VEHICLE- ANY VEHICLE HAVING MORE THAN FOUR TIRES TOUCHING THE PAVEMENT
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TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
2:00-2:15PM				2	2	15		3
2:15-2:30		2	1		3	11		
2:30-2:45		1			1	14		
2:45-3:00		3			3	9		1
HOURLY TOTAL					9	HOURLY TOTAL		53
3:00-3:15	1				1	8		1
3:15-3:30	1	5			6	9		2
3:30-3:45		2			2	15		1
3:45-4:00	1	4		3	8	8		
HOURLY TOTAL					17	HOURLY TOTAL		44
4:00-4:15	2		4	2	8	13		
4:15-4:30						9		1
4:30-4:45	2			1	3	6		
4:45-5:00	2	3			5	9		1
HOURLY TOTAL					16	HOURLY TOTAL		39
5:00-5:15						5		
5:15-5:30	1		1	4	6	7		
5:30-5:45	1	2	4	2	9	8		
5:45-6:00	2	6	3	3	14	2		1
HOURLY TOTAL					29	HOURLY TOTAL		23
6:00-6:15	1	2		1	4	5		2
6:15-6:30						7		1
6:30-6:45		1	2	1	4	5		
6:45-7:00	1	3		1	5	8		
HOURLY TOTAL					13	HOURLY TOTAL		28
7:00-7:15		1	3		4	3		
7:15-7:30						6		
7:30-7:45	3	1			4	2		
7:45-8:00		4		3	7	4		
HOURLY TOTAL					15	HOURLY TOTAL		15
8:00-8:15		1			1	1		
8:15-8:30				3	3	4		
8:30-8:45	4	2		1	7	1		
8:45-9:00	1			1	2	1		
HOURLY TOTAL					13	HOURLY TOTAL		7
9:00-9:15		2	3		5	2		
9:15-9:30				2	2			
9:30-9:45						1		
9:45-10:00	2			2	4	1		
HOURLY TOTAL					11	HOURLY TOTAL		4
				TOTAL	208		TOTAL	728

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