

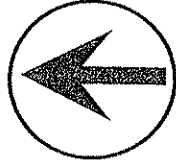
Date : 08/09/12

Count Number : TMC1227

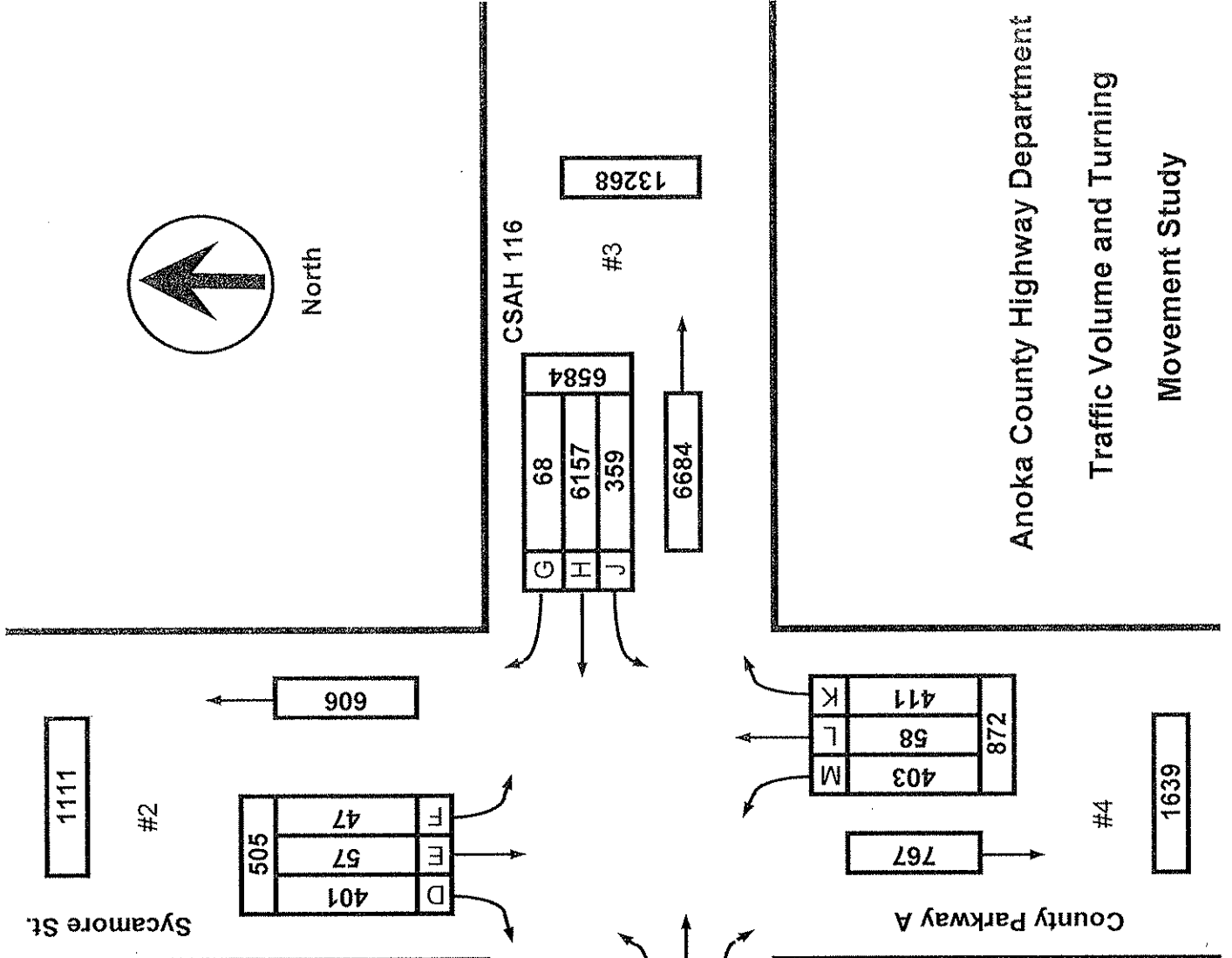
Location : CSAH 116 (Bunker Lake Blvd.)

@ Sycamore St./County Parkway A

Collection Period : 6:00 AM - 10:00 PM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 08/09/12

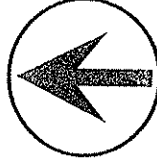
Count Number : TMC1227

Location : CSAH 116 (Bunker Lake Blvd.)

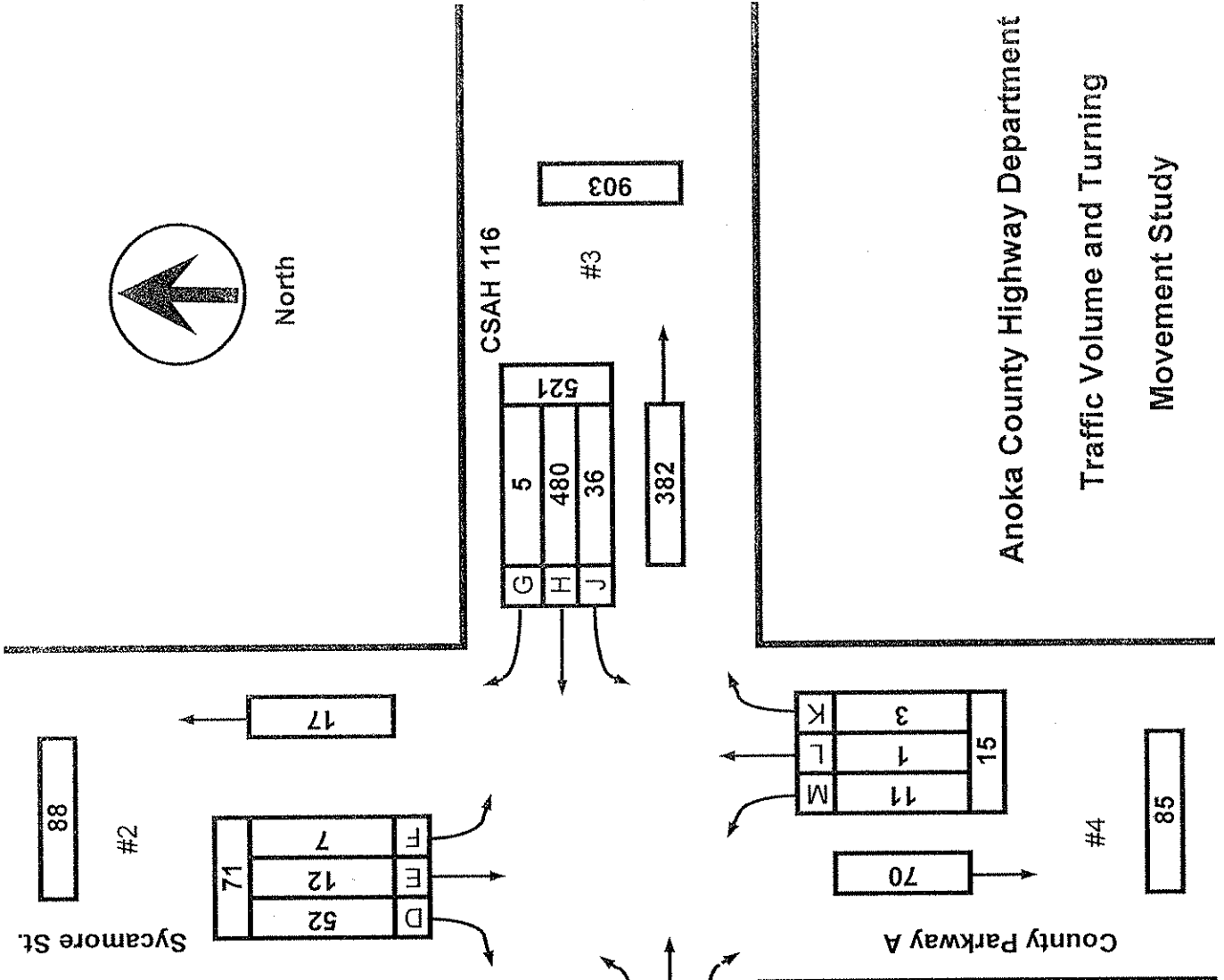
@ Sycamore St./County Parkway A

Collection Period : AM PEAK

Hour : 7:30 AM - 8:30 AM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 08/06/12

Count Number : TMC1227

Location : CSAH 116 (Bunker Lake Blvd.)

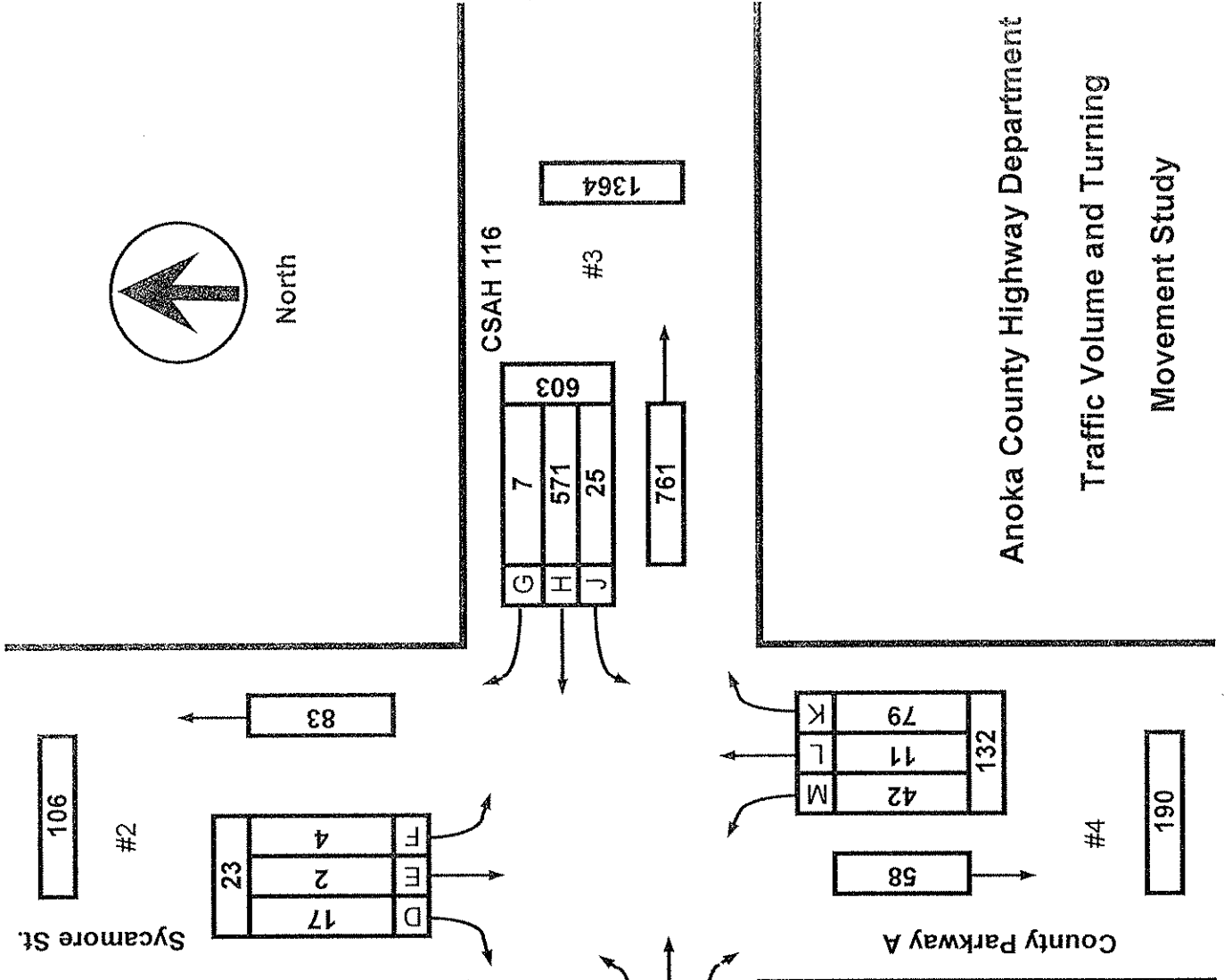
@ Sycamore St./County Parkway A

Collection Period : PM PEAK

Hour : 4:45 PM - 5:45 PM



North



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	1	1	3
#2	0	0	1	1
#3	1	1	1	3
#4	1	0	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 : TMC1227
 Site Code : 12270202
 Start Date : 08/06/2012
 Page No : 1

Weather: Warm and Sunny
 Counter: DB-400
 Counted by: Reno and Hannah

Groups Printed- Unshifted

Start Time	Sycamore St. Southbound					CSAH 116 Westbound					County Parkway A 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	5	7	0	12	10	61	0	0	71	0	0	0	0	0	2	23	4	0	29	0	112	112
06:15	1	3	3	0	7	11	68	0	2	79	2	0	0	0	2	1	39	3	0	43	2	131	133
06:30	0	2	8	0	10	20	99	0	5	119	1	0	0	0	1	1	55	5	4	61	9	191	200
06:45	3	4	13	0	20	17	85	0	2	102	0	0	1	0	1	2	76	11	1	89	3	212	215
Total	4	14	31	0	49	58	313	0	9	371	3	0	1	0	4	6	193	23	5	222	14	646	660
07:00	1	5	8	0	14	15	93	0	2	108	1	0	0	0	1	1	69	3	4	73	6	196	202
07:15	1	3	7	1	11	11	102	1	6	114	1	0	1	0	2	0	86	6	4	92	11	219	230
07:30	3	3	12	0	18	12	121	0	2	133	1	1	0	0	2	1	76	8	5	85	7	238	245
07:45	1	3	21	0	25	10	133	1	3	144	6	0	1	0	7	4	103	6	4	113	7	289	296
Total	6	14	48	1	68	48	449	2	13	499	9	1	2	0	12	6	334	23	17	363	31	942	973
08:00	2	4	4	0	10	9	115	2	5	126	1	0	2	0	3	3	96	6	10	105	15	244	259
08:15	1	2	15	1	18	5	111	2	2	118	3	0	0	0	3	3	97	2	8	102	11	241	252
08:30	1	0	5	0	6	3	82	2	2	87	3	0	2	1	5	1	109	3	8	113	11	211	222
08:45	0	0	9	0	9	17	112	0	6	129	1	0	1	1	2	3	78	6	1	87	8	227	235
Total	4	6	33	1	43	34	420	6	15	460	8	0	5	2	13	10	380	17	27	407	45	923	968
09:00	1	0	3	0	4	5	81	1	4	87	5	0	2	0	7	8	82	2	4	92	8	190	198
09:15	0	1	4	0	5	6	84	3	2	93	5	1	4	1	10	3	84	14	4	101	7	209	216
09:30	3	0	8	0	11	4	89	0	1	93	0	0	2	1	2	3	91	2	2	96	4	202	206
09:45	0	1	10	0	11	4	98	1	1	103	1	0	3	0	4	4	70	5	3	79	4	197	201
Total	4	2	25	0	31	19	352	5	8	376	11	1	11	2	23	18	327	23	13	368	23	798	821
10:00	0	0	7	0	7	5	90	2	7	97	0	0	1	0	1	1	75	3	8	79	15	184	199
10:15	2	0	5	0	7	2	102	0	2	104	3	0	5	1	8	3	88	5	3	96	6	215	221
10:30	1	0	8	0	9	14	97	2	3	113	10	0	11	0	21	3	87	8	1	98	4	241	245
10:45	3	1	4	0	8	1	100	0	4	101	6	1	3	1	10	1	79	4	4	84	9	203	212
Total	6	1	24	0	31	22	389	4	16	415	19	1	20	2	40	8	329	20	16	357	34	843	877
11:00	1	0	4	0	5	3	107	0	6	110	6	1	3	1	10	3	76	5	7	84	14	209	223
11:15	3	0	10	1	13	2	115	1	5	118	3	0	5	1	8	7	85	5	0	97	7	236	243
11:30	1	0	6	0	7	2	97	1	4	100	9	0	1	0	10	4	85	8	3	97	7	214	221
11:45	0	1	8	0	9	4	104	1	3	109	5	0	2	0	7	5	88	3	3	96	6	221	227
Total	5	1	28	1	34	11	423	3	18	437	23	1	11	2	35	19	334	21	13	374	34	880	914
12:00	0	1	6	0	7	3	100	2	4	105	1	1	5	0	7	12	97	7	4	116	8	235	243
12:15	0	0	4	0	4	5	105	1	0	111	4	0	4	1	8	14	93	4	2	111	3	234	237
12:30	1	0	12	0	13	3	96	2	4	101	5	1	2	0	8	7	88	6	4	101	8	223	231
12:45	2	0	6	1	8	5	105	1	3	111	7	0	5	0	12	2	99	4	3	105	7	236	243
Total	3	1	28	1	32	16	406	6	11	428	17	2	16	1	35	35	377	21	13	433	26	928	954
13:00	0	1	5	0	6	3	110	1	1	114	3	1	3	0	7	5	88	4	5	97	6	224	230
13:15	0	1	7	0	8	3	105	2	4	110	4	3	3	0	10	12	88	3	2	103	6	231	237
13:30	0	1	3	0	4	4	103	1	1	108	10	2	4	1	16	9	109	5	8	123	10	251	261
13:45	1	0	6	1	7	3	85	3	8	91	7	1	3	2	11	14	109	3	7	126	18	235	253
Total	1	3	21	1	25	13	403	7	14	423	24	7	13	3	44	40	394	15	22	449	40	941	981
14:00	0	0	2	0	2	5	77	0	3	82	6	1	4	1	11	11	103	3	5	117	9	212	221
14:15	0	1	8	0	9	5	112	0	2	117	2	0	5	0	7	6	96	4	2	106	4	239	243
14:30	1	1	12	0	14	4	104	1	2	109	3	0	4	0	7	8	112	8	0	128	2	258	260
14:45	0	0	5	0	5	10	93	1	4	104	13	0	7	2	20	11	120	13	3	144	9	273	282
Total	1	2	27	0	30	24	386	2	11	412	24	1	20	3	45	36	431	28	10	495	24	982	1006
15:00	1	0	3	0	4	7	121	1	7	129	10	1	4	0	15	12	102	9	3	123	10	271	281
15:15	0	1	8	0	9	4	102	1	5	107	9	1	8	0	18	5	120	10	3	135	8	269	277
15:30	0	1	9	0	10	4	123	1	3	128	8	1	5	0	14	12	147	6	4	165	7	317	324
15:45	0	0	1	0	1	6	99	0	1	105	4	0	16	0	20	12	143	10	4	165	5	291	296
Total	1	2	21	0	24	21	445	3	16	469	31	3	33	0	67	41	512	35	14	588	30	1148	1178
16:00	0	0	3	0	3	9	106	1	2	116	12	2	10	1	24	11	142	10	0	163	3	306	309
16:15	0	0	10	0	10	5	134	1	3	140	12	2	16	0	30	16	176	11	3	203	6	383	389
16:30	0	0	6	0	6	7	133	3	2	143	10	1	13	0	24	9	155	7	0	171	2	344	346
16:45	1	0	3	0	4	2	145	1	1	148	14	3	16	0	33	14	197	8	2	219	3	404	407
Total	1	0	22	0	23	23	518	6	8	547	48	8	55	1	111	50	670	36	5	756	14	1437	1451
17:00	1	2	5	0	8	11	164	4	4	179	8	2	17	0	27	20	153	10	1	183	5	397	402
17:15	1	0	6	0	7	4	122	1	0	127	13	4	24	0	41	11	154	4	1	169	1	344	345
17:30	1	0	3	0	4	8	140	1	1	149	7	2	22	0	31	20	174	9	1	203	2	387	389
17:45	0	0	6	0	6	8	133	3	1	144	7	2	12	0	21	16	110	10	0	136	1	307	308
Total	3	2	20	0	25	31	559	9	6	599	35	10	75	0	120	67	591	33	3	691	9	1435	1444



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC1227
 Site Code : 12270202
 Start Date : 08/06/2012
 Page No : 2

Weather: Warm and Sunny
 Counter: DB-400
 Counted by: Reno and Hannah

Groups Printed- Unshifted

Start Time	Sycamore St. Southbound					CSAH 116 Westbound					County Parkway A Northbound					CSAH 116 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			
18:00	1	0	6	0	7	3	100	3	0	106	8	2	17	0	27	10	145	4	1	159	1	299	300
18:15	1	0	4	0	5	5	92	2	2	99	8	2	11	0	21	8	132	8	0	148	2	273	275
18:30	1	0	5	0	6	2	91	1	2	94	9	3	18	0	30	16	99	5	0	120	2	250	252
18:45	0	1	9	0	10	4	98	1	0	103	5	0	13	1	18	10	123	4	2	137	3	268	271
Total	3	1	24	0	28	14	381	7	4	402	30	7	59	1	96	44	499	21	3	564	8	1090	1098
19:00	0	1	4	0	5	6	70	0	0	76	16	1	16	0	33	7	93	7	1	107	1	221	222
19:15	0	1	8	1	9	0	67	0	0	67	23	2	15	0	40	10	92	5	0	107	1	223	224
19:30	1	2	7	1	10	2	56	0	1	58	7	0	8	0	15	12	84	2	0	98	2	181	183
19:45	1	1	4	0	6	2	48	4	0	54	11	1	11	0	23	12	84	7	1	103	1	186	187
Total	2	5	23	2	30	10	241	4	1	255	57	4	50	0	111	41	353	21	2	415	5	811	816
20:00	0	0	1	0	1	3	76	0	0	79	14	1	7	0	22	9	73	1	0	83	0	185	185
20:15	0	0	4	0	4	0	92	0	0	92	10	1	6	0	17	6	84	4	1	94	1	207	208
20:30	0	1	1	0	2	0	47	0	0	47	5	2	10	0	17	10	67	1	0	78	0	144	144
20:45	0	1	6	0	7	3	45	1	0	49	14	2	7	0	23	8	68	1	1	77	1	156	157
Total	0	2	12	0	14	6	260	1	0	267	43	6	30	0	79	33	292	7	2	332	2	692	694
21:00	2	0	3	0	5	5	63	2	1	70	7	3	5	0	15	9	74	3	0	86	1	176	177
21:15	0	0	3	0	3	1	51	0	0	52	10	2	3	0	15	7	47	3	0	57	0	127	127
21:30	0	1	6	0	7	2	48	0	0	50	2	1	1	0	4	6	44	1	0	51	0	112	112
21:45	1	0	2	0	3	1	50	1	1	52	2	0	1	0	3	4	45	0	1	49	2	107	109
Total	3	1	14	0	18	9	212	3	2	224	21	6	10	0	37	26	210	7	1	243	3	522	525
Grand Total	47	57	401	7	505	359	6157	68	152	6584	403	58	411	17	872	480	6226	351	166	7057	342	15018	15360
Apprch %	9.3	11.3	79.4			5.5	93.5	1			46.2	6.7	47.1			6.8	88.2	5					
Total %	0.3	0.4	2.7		3.4	2.4	41	0.5		43.8	2.7	0.4	2.7		5.8	3.2	41.5	2.3		47	2.2	97.8	

Start Time	Sycamore St. Southbound				CSAH 116 Westbound				County Parkway A 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 07:30																	
07:30	3	3	12	18	12	121	0	133	1	1	0	2	1	76	8	85	238
07:45	1	3	21	25	10	133	1	144	6	0	1	7	4	103	6	113	289
08:00	2	4	4	10	9	115	2	126	1	0	2	3	3	96	6	105	244
08:15	1	2	15	18	5	111	2	118	3	0	0	3	3	97	2	102	241
Total Volume	7	12	52	71	36	480	5	521	11	1	3	15	11	372	22	405	1012
% App. Total	9.9	16.9	73.2		6.9	92.1	1		73.3	6.7	20		2.7	91.9	5.4		
PHF	.583	.750	.619	.710	.750	.902	.625	.905	.458	.250	.375	.536	.688	.903	.688	.896	.875

Start Time	Sycamore St. Southbound				CSAH 116 Westbound				County Parkway A 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 12:00 to 21:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:45																	
16:45	1	0	3	4	2	145	1	148	14	3	16	33	14	197	8	219	404
17:00	1	2	5	8	11	164	4	179	8	2	17	27	20	153	10	183	397
17:15	1	0	6	7	4	122	1	127	13	4	24	41	11	154	4	169	344
17:30	1	0	3	4	8	140	1	149	7	2	22	31	20	174	9	203	367
Total Volume	4	2	17	23	25	571	7	603	42	11	79	132	65	678	31	774	1532
% App. Total	17.4	8.7	73.9		4.1	94.7	1.2		31.8	8.3	59.8		8.4	87.6	4		
PHF	1.00	.250	.708	.719	.568	.870	.438	.842	.750	.688	.823	.805	.813	.860	.775	.884	.948



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

Study Name : TMC1227
Study Date : 08/10/12
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 116
Number of Lanes: 2
85% Speed > 40 MPH.
Total Approach Volume: 7,057

Westbound: CSAH 116
Number of Lanes: 2
85% Speed > 40 MPH.
Total Approach Volume: 6,584

Minor Street Approaches

Northbound: County Parkway A
Number of Lanes: 2

Total Approach Volume: 872

Southbound: Sycamore St.
Number of Lanes: 1

Total Approach Volume: 505

Warrant Summary (Rural values apply.)

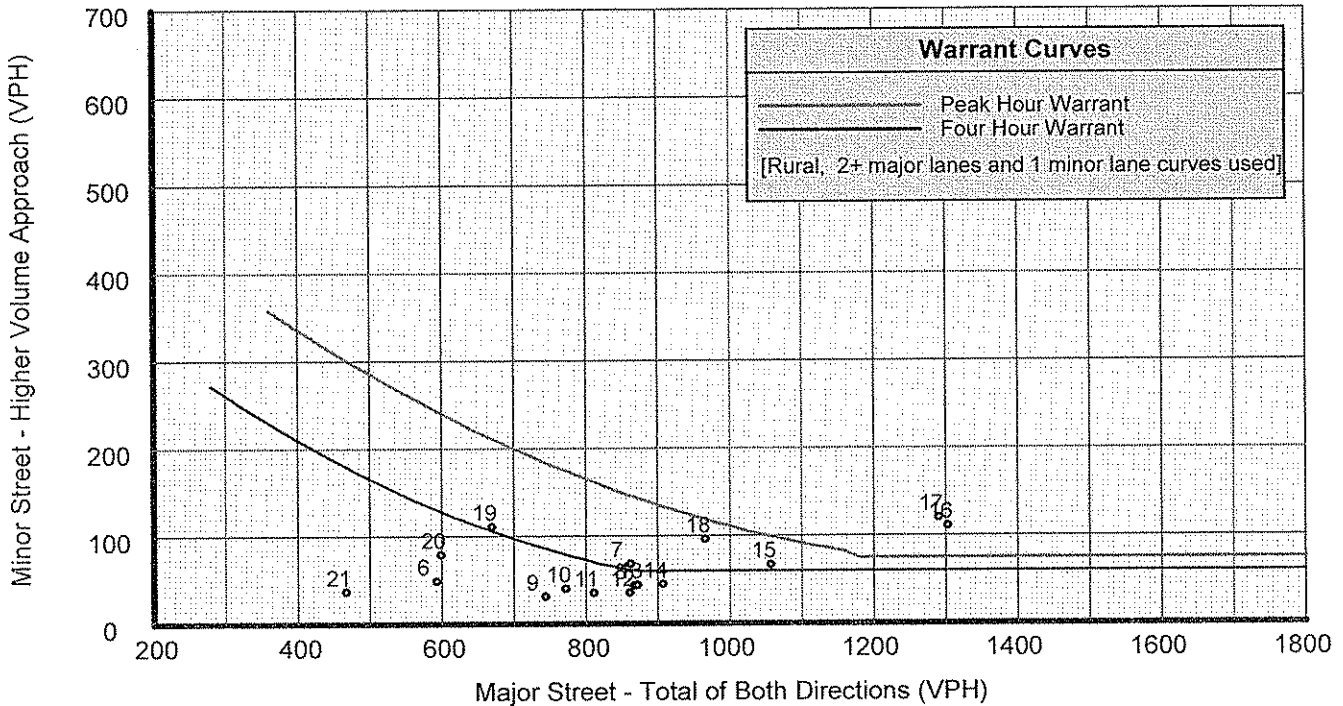
Warrant 1 - Eight Hour Vehicular Volumes	Not Satisfied
Warrant 1A - Minimum Vehicular Volume	Not Satisfied
Required volumes reached for 0 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic	Not Satisfied
Required volumes reached for 5 hours, 8 are needed	
Warrant 1 A&B - Combination of Warrants	Not Satisfied
Required volumes reached for 1 hours, 8 are needed	
 Warrant 2 - Four Hour Volumes	 Satisfied
Number of hours (6) volumes exceed minimum >= minimum required (4).	
 Warrant 3 - Peak Hour	 Satisfied
Warrant 3A - Peak Hour Delay	Satisfied
Number of hours (11) 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 : TMC1227
Study Date : 08/10/12
Page No. : 2

Signal Warrants - Summary



Analysis of 8-Hour Volume Warrants:

Hour Begin	Major Total	Higher Minor Vol	Dir	War 1A			War 1B			War 1A&B		
				Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
00:00	0	0	NB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
01:00	0	0	NB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
02:00	0	0	NB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
03:00	0	0	NB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
04:00	0	0	NB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
05:00	0	0	NB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
06:00	593	49	SB	420-Yes	105-No	Major	630-No	52-No	---	504-Yes	84-No	Major
07:00	862	68	SB	420-Yes	105-No	Major	630-Yes	52-Yes	Both	504-Yes	84-No	Major
08:00	867	43	SB	420-Yes	105-No	Major	630-Yes	52-No	Major	504-Yes	84-No	Major
09:00	744	31	SB	420-Yes	105-No	Major	630-Yes	52-No	Major	504-Yes	84-No	Major
10:00	772	40	NB	420-Yes	140-No	Major	630-Yes	70-No	Major	504-Yes	112-No	Major
11:00	811	35	NB	420-Yes	140-No	Major	630-Yes	70-No	Major	504-Yes	112-No	Major
12:00	861	35	NB	420-Yes	140-No	Major	630-Yes	70-No	Major	504-Yes	112-No	Major
13:00	872	44	NB	420-Yes	140-No	Major	630-Yes	70-No	Major	504-Yes	112-No	Major
14:00	907	45	NB	420-Yes	140-No	Major	630-Yes	70-No	Major	504-Yes	112-No	Major
15:00	1,057	67	NB	420-Yes	140-No	Major	630-Yes	70-No	Major	504-Yes	112-No	Major
16:00	1,303	111	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
17:00	1,290	120	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
18:00	966	96	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
19:00	670	111	NB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
20:00	599	79	NB	420-Yes	140-No	Major	630-No	70-Yes	Minor	504-Yes	112-No	Major
21:00	467	37	NB	420-Yes	140-No	Major	630-No	70-No	---	504-No	112-No	---
22:00	0	0	NB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---
23:00	0	0	NB	420-No	105-No	---	630-No	52-No	---	504-No	84-No	---



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

Study Name : TMC1227
Study Date : 08/10/12
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: CSAH 116
Total Approach Volume: 7,057
85% Speed > 40 MPH.

Westbound: CSAH 116
Total Approach Volume: 6,584
85% Speed > 40 MPH.

Minor Street Approaches

Northbound: County Parkway A
Total Approach Volume: 872

Southbound: Sycamore St.
Total Approach Volume: 505

Warrant Summary

Criteria A - Interim Measure Not Evaluated
If traffic signals are justified, stop signs can be installed as an interim measure.

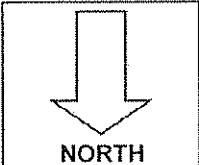
Criteria B - Crash Experience Not Evaluated

Criteria C - Minimum Volumes and Delays Not Satisfied
Delay data not evaluated
Required volumes reached for 3 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 0 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?
16:15 - 17:15	1,386	142	210-Yes	140-Yes	Both	240-Yes	160-No	Major
17:15 - 18:15	1,193	144	210-Yes	140-Yes	Both	240-Yes	160-No	Major
18:30 - 19:30	811	151	210-Yes	140-Yes	Both	240-Yes	160-No	Major
05:30 - 06:30	222	21	210-Yes	140-No	Major	240-No	160-No	No
05:45 - 06:45	402	32	210-Yes	140-No	Major	240-Yes	160-No	Major
06:00 - 07:00	593	53	210-Yes	140-No	Major	240-Yes	160-No	Major
06:15 - 07:15	674	56	210-Yes	140-No	Major	240-Yes	160-No	Major
06:30 - 07:30	758	60	210-Yes	140-No	Major	240-Yes	160-No	Major
06:45 - 07:45	796	69	210-Yes	140-No	Major	240-Yes	160-No	Major
07:00 - 08:00	862	80	210-Yes	140-No	Major	240-Yes	160-No	Major
07:15 - 08:15	912	78	210-Yes	140-No	Major	240-Yes	160-No	Major
07:30 - 08:30	926	86	210-Yes	140-No	Major	240-Yes	160-No	Major
07:45 - 08:45	908	77	210-Yes	140-No	Major	240-Yes	160-No	Major
08:00 - 09:00	867	56	210-Yes	140-No	Major	240-Yes	160-No	Major
08:15 - 09:15	815	54	210-Yes	140-No	Major	240-Yes	160-No	Major
08:30 - 09:30	789	48	210-Yes	140-No	Major	240-Yes	160-No	Major
08:45 - 09:45	778	50	210-Yes	140-No	Major	240-Yes	160-No	Major
09:00 - 10:00	744	54	210-Yes	140-No	Major	240-Yes	160-No	Major
09:15 - 10:15	741	51	210-Yes	140-No	Major	240-Yes	160-No	Major
09:30 - 10:30	747	51	210-Yes	140-No	Major	240-Yes	160-No	Major
09:45 - 10:45	769	68	210-Yes	140-No	Major	240-Yes	160-No	Major
10:00 - 11:00	772	71	210-Yes	140-No	Major	240-Yes	160-No	Major
10:15 - 11:15	790	78	210-Yes	140-No	Major	240-Yes	160-No	Major
10:30 - 11:30	805	84	210-Yes	140-No	Major	240-Yes	160-No	Major



COUNT LOCATION:

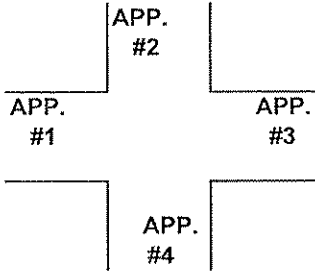
CSAH 116 (Bunker Lake Blvd.)

DATE:

08/09/2012

@ Sycamore St./County Parkway A

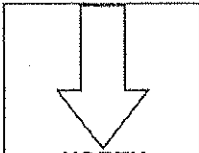
- APP. #1 = CSAH 116
- APP. #2 = County Parkway A
- APP. #3 = CSAH 116
- APP. #4 = Sycamore St.



- 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			
6:15-6:30				1	1	2		
6:30-6:45			1	3	4	9		
6:45-7:00	1		1		2	2		1
HOURLY TOTAL					8	HOURLY TOTAL		14
7:00-7:15				2	2	6		
7:15-7:30				2	2	11		
7:30-7:45						7		
7:45-8:00				3	3	7		1
HOURLY TOTAL					7	HOURLY TOTAL		32
8:00-8:15			2	3	5	15		
8:15-8:30			1	2	3	10		1
8:30-8:45			1	3	4	8		3
8:45-9:00			4	1	5	6	1	1
HOURLY TOTAL					17	HOURLY TOTAL		45
9:00-9:15						8		
9:15-9:30	5	2	1	7	15	6		2
9:30-9:45			2	2	4	4		
9:45-10:00	1	1	2	1	5	5		
HOURLY TOTAL					24	HOURLY TOTAL		25
10:00-10:15		1	3		4	15		
10:15-10:30				3	3	6		
10:30-10:45				2	2	3	1	
10:45-11:00			1	3	4	6		3
HOURLY TOTAL					13			34
11:00-11:15	2	1		3	6	14		
11:15-11:30				2	2	7		
11:30-11:45	1			4	5	7		
11:45-12:00				1	1	6		
HOURLY TOTAL					14	HOURLY TOTAL		34
12:00-12:15	1			4	5	8		
12:15-12:30				2	2	2	1	
12:30-12:45			1		1	5		3
12:45-1:00			2	3	5	7		
HOURLY TOTAL					13	HOURLY TOTAL		26
1:00-1:15			2		2	5	1	
1:15-1:30	1		2		3	6		
1:30-1:45	4			2	6	10		
1:45-2:00			2	3	5	14	1	3
HOURLY TOTAL					16	HOURLY TOTAL		40
TOTAL					112	TOTAL		250

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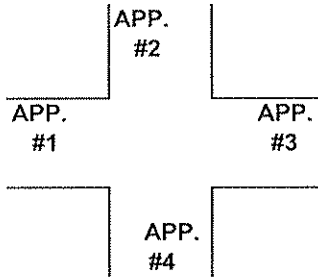
CSAH 116 (Bunker Lake Blvd.)

DATE:

08/06/2012

@ Sycamore St./County Parkway A

- APP. #1 = CSAH 116
- APP. #2 = County Parkway A
- APP. #3 = CSAH 116
- APP. #4 = Sycamore St.



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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						9		
2:15-2:30	1			4	5	3		1
2:30-2:45	2			1	3	1		1
2:45-3:00	3	1			4	8	1	
HOURLY TOTAL					12	HOURLY TOTAL		24
3:00-3:15		2		2	4	10		
3:15-3:30	1			2	3	7	1	
3:30-3:45			1	1	2	7		
3:45-4:00			1		1	4		1
HOURLY TOTAL					10	HOURLY TOTAL		30
4:00-4:15	1			1	2	2		1
4:15-4:30	1		1	1	3	6		
4:30-4:45	3			3	6	2		
4:45-5:00	2			3	5	3		
HOURLY TOTAL					16	HOURLY TOTAL		14
5:00-5:15						5		
5:15-5:30				1	1	1		
5:30-5:45		2	2		4	2		
5:45-6:00		1	3	7	11	1		
HOURLY TOTAL					16	HOURLY TOTAL		9
6:00-6:15	2		3	5	10	1		
6:15-6:30				4	4	2		
6:30-6:45			3	3	6	2		
6:45-7:00	1		1	7	9	2	1	
HOURLY TOTAL					29	HOURLY TOTAL		8
7:00-7:15	2	1		4	7	1		
7:15-7:30			4	7	11	1		
7:30-7:45			2	9	11	1		1
7:45-8:00				8	8	1		
HOURLY TOTAL					37	HOURLY TOTAL		5
8:00-8:15			1	7	8			
8:15-8:30				4	4	1		
8:30-8:45		1	1	7	9	1		
8:45-9:00	1			8	9	1		
HOURLY TOTAL					30	HOURLY TOTAL		3
9:00-9:15				4	4	1		
9:15-9:30				2	2			
9:30-9:45								
9:45-10:00						2		
HOURLY TOTAL					6	HOURLY TOTAL		3
TOTAL					268	TOTAL		346

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