

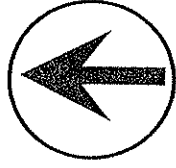
Date : 06/27/12

Count Number : TMC1219

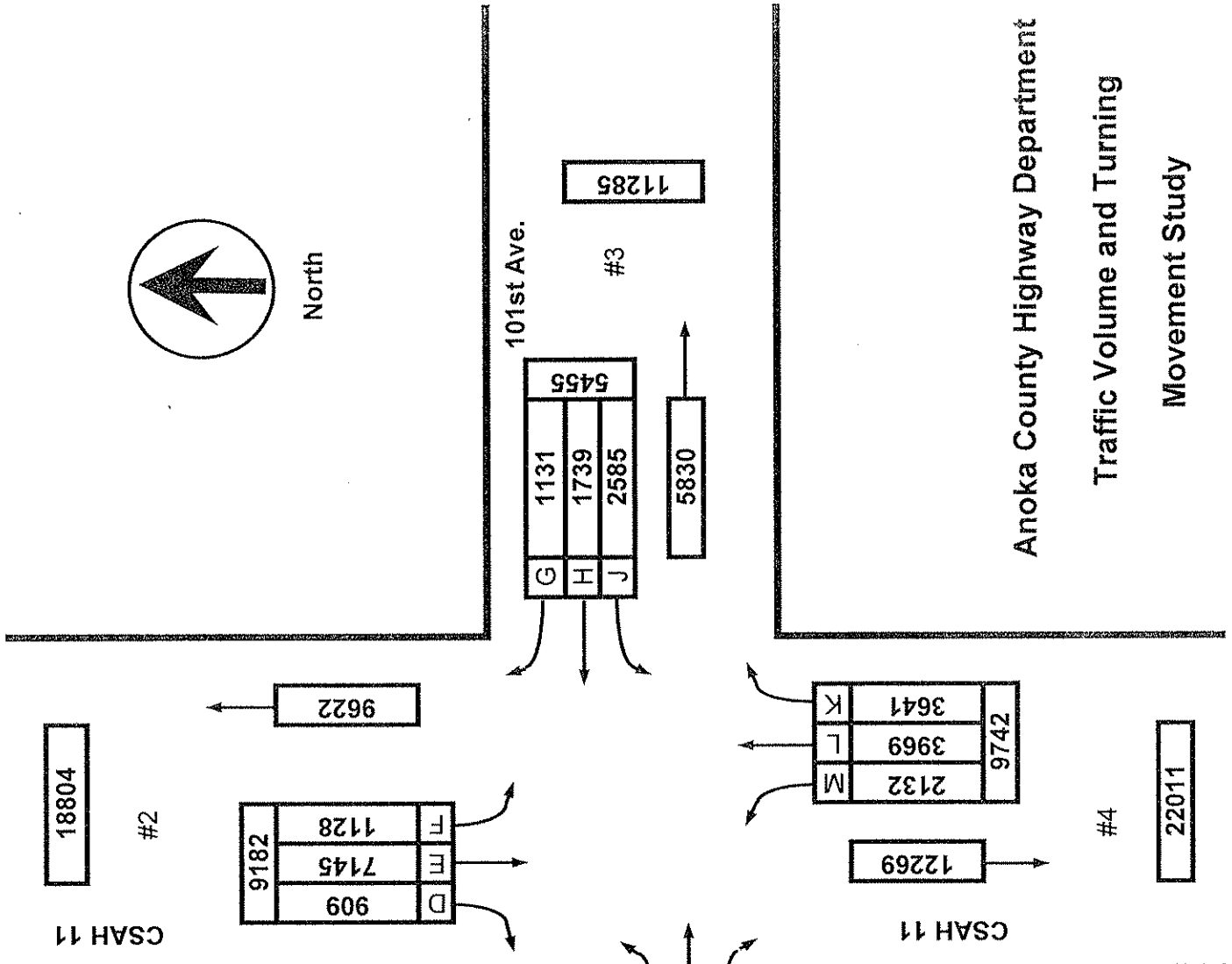
Location : CSAH 11 (Foley Blvd.)

@ TH 10 Ramp/101st Ave.

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	1	1	2	4
#3	1	1	1	3
#4	1	1	2	4

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 06/27/12

Count Number : TMC1219

Location : CSAH 11 (Foley Blvd.)

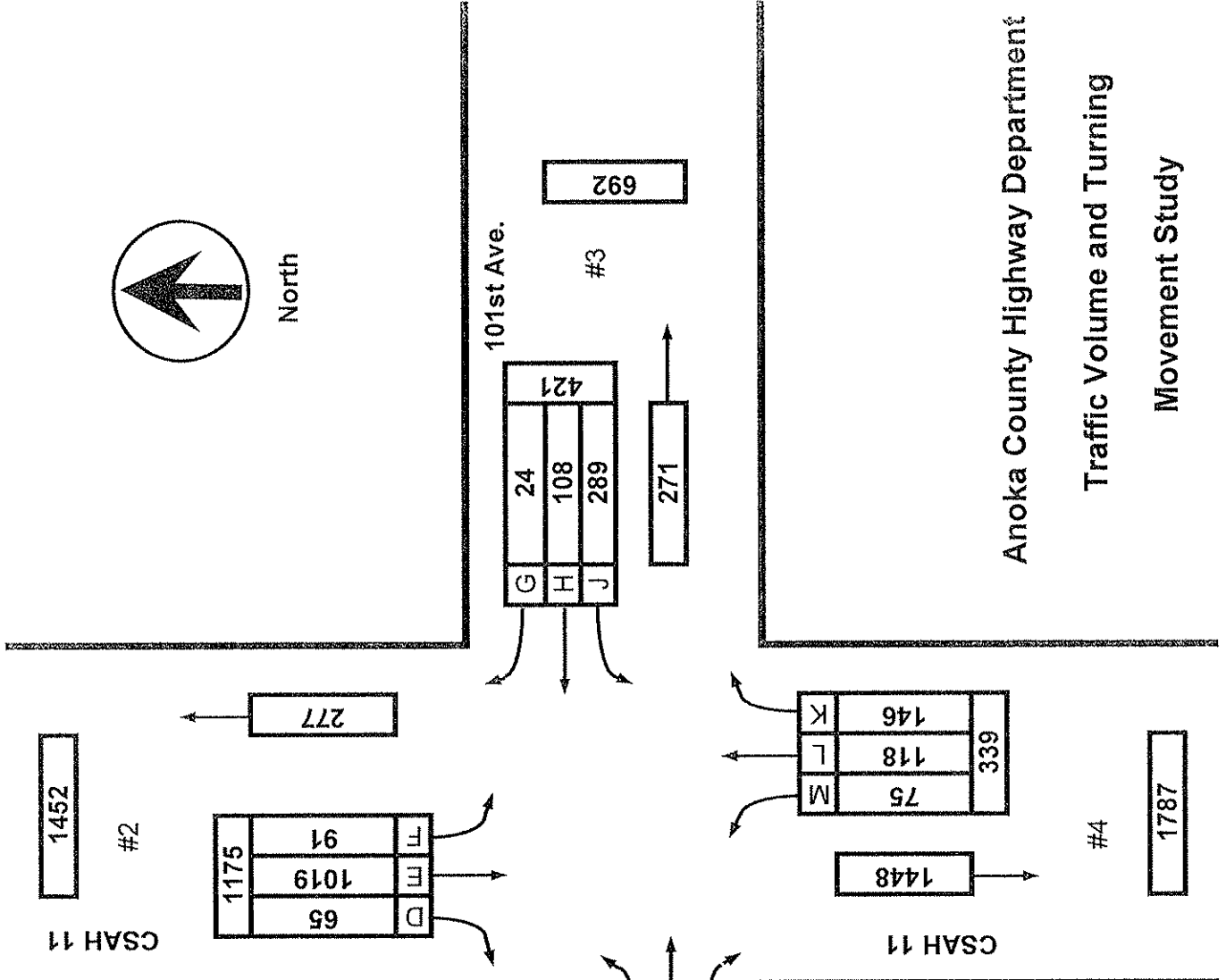
@ TH 10 Ramp/101st Ave.

Collection Period : AM PEAK

Hour : 7:00 AM - 8:00 AM



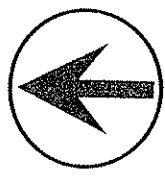
North



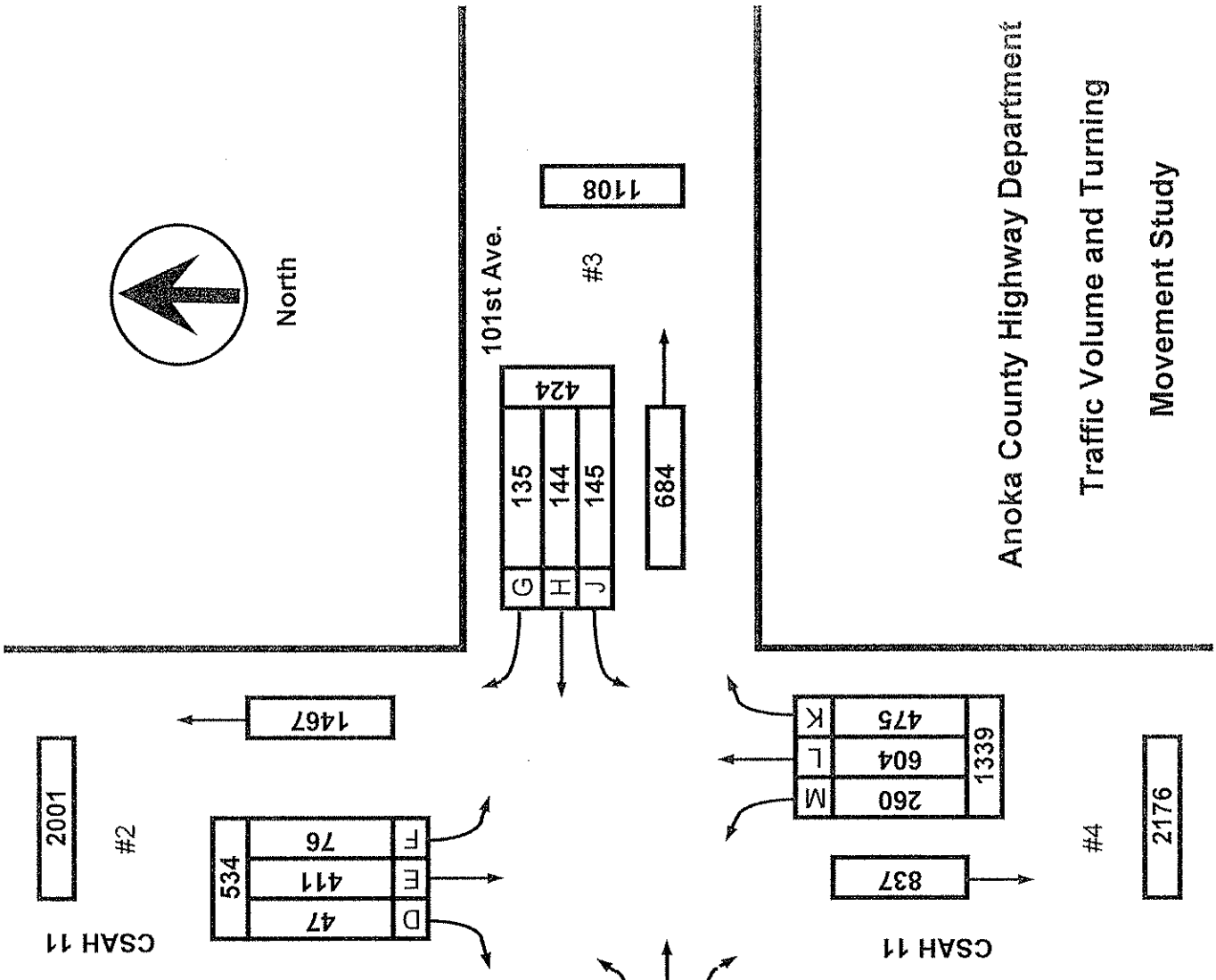
EXISTING LANES OF APPROACH				TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	1	1	1	3
#2	1	1	2	4
#3	1	1	1	3
#4	1	1	2	4

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 06/25/12
 Count Number : TMC1219
 Location : CSAH 11 (Foley Blvd.)
 @ TH 10 Ramp/101st Ave.
 Collection Period : PM PEAK
 Hour : 4:30 PM - 5:30 PM



North



#1

1593	451
TH 10 Ramp	
A	281
B	133
C	728
TOTAL	1142

#2

D	47
E	411
F	76
TOTAL	534

#3

G	135
H	144
J	145
TOTAL	424

684

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

#4

M	260
L	604
K	475
TOTAL	1339

2176

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Warm, Sunny
 Counter: DB-400
 study conducted by: Reno/Hannah

File Name : TMC1219
 Site Code : 12190202
 Start Date : 06/25/2012
 Page No : 1

Groups Printed- Unshifted

Start Time	CSAH 11 Southbound					101st Ave. Westbound					CSAH 11 Northbound					TH 10 Ramp 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	13	189	10	1	212	57	23	3	0	83	7	10	26	1	43	14	3	12	1	29	3	367	370
06:15	23	232	11	4	266	63	20	6	5	89	9	28	21	3	58	12	3	22	1	37	13	450	463
06:30	14	276	7	1	297	65	36	6	2	107	17	17	34	4	68	22	4	28	6	54	13	526	539
06:45	20	297	10	8	327	75	24	4	5	103	18	23	21	4	62	12	2	33	4	47	21	539	560
Total	70	994	38	14	1102	260	103	19	12	382	51	78	102	12	231	60	12	95	12	167	50	1882	1932
07:00	23	291	14	5	328	82	23	4	0	109	11	20	27	4	58	33	7	22	6	62	15	557	572
07:15	28	260	12	6	300	74	22	9	2	105	14	28	42	10	84	27	10	32	3	69	21	558	579
07:30	18	251	15	10	284	72	28	10	8	110	25	36	37	11	98	33	7	42	8	82	37	574	611
07:45	22	217	24	2	263	61	35	1	4	97	25	34	40	9	99	42	10	44	4	96	19	555	574
Total	91	1019	65	23	1175	289	108	24	14	421	75	118	146	34	339	135	34	140	21	309	92	2244	2336
08:00	22	174	17	6	213	55	28	13	7	96	15	24	37	7	76	30	2	29	4	61	24	446	470
08:15	17	146	18	5	181	57	24	9	3	90	22	31	37	5	90	32	5	40	3	77	16	438	454
08:30	22	158	12	6	192	59	16	12	3	87	24	38	55	5	117	22	5	27	5	54	19	450	469
08:45	18	119	9	3	146	44	42	14	17	100	21	39	39	4	99	31	8	39	3	78	27	423	450
Total	79	597	56	20	732	215	110	48	30	373	82	132	168	21	382	115	20	135	15	270	86	1757	1843
09:00	21	97	8	4	126	34	24	10	10	68	27	34	55	7	116	31	9	38	8	78	29	388	417
09:15	27	96	12	3	135	38	15	15	4	68	32	38	33	1	103	25	4	35	7	64	15	370	385
09:30	32	118	7	7	157	36	24	10	7	70	27	42	43	4	112	21	8	28	7	57	25	396	421
09:45	15	100	17	3	132	38	30	9	1	77	25	49	35	3	109	44	7	22	2	73	9	391	400
Total	95	411	44	17	550	146	93	44	22	283	111	163	166	15	440	121	28	123	24	272	78	1545	1623
10:00	11	83	20	3	114	31	28	16	3	75	27	43	35	4	105	35	8	30	4	73	14	367	381
10:15	25	94	21	1	140	33	22	9	2	64	27	32	41	2	100	45	15	26	10	86	15	390	405
10:30	21	94	17	0	132	39	25	16	0	80	24	55	42	8	121	30	5	22	5	57	13	390	403
10:45	16	84	24	4	124	26	40	14	5	80	34	52	49	6	135	34	8	22	7	64	22	403	425
Total	73	355	82	8	510	129	115	55	10	299	112	182	167	20	461	144	36	100	26	280	64	1550	1614
11:00	14	85	16	3	115	46	31	14	3	91	33	45	44	7	122	42	5	35	3	82	16	410	426
11:15	20	97	13	3	130	33	26	18	3	77	27	57	47	5	131	44	14	30	6	88	17	426	443
11:30	25	86	8	2	119	36	23	16	4	75	34	64	53	5	151	46	10	35	5	91	16	436	452
11:45	22	97	18	4	137	27	26	24	6	77	32	61	53	5	146	58	20	27	5	105	20	465	485
Total	81	365	55	12	501	142	106	72	16	320	126	227	197	22	550	190	49	127	19	366	69	1737	1806
12:00	23	73	20	2	116	38	27	21	7	86	37	64	61	6	162	55	12	34	7	101	22	465	487
12:15	14	78	16	2	108	34	32	23	9	89	22	51	75	7	148	56	9	27	5	92	23	437	460
12:30	19	121	15	2	155	31	24	13	5	68	43	60	68	6	171	45	15	26	6	86	19	480	499
12:45	15	88	15	4	118	41	22	8	3	71	29	56	53	4	138	74	6	45	8	125	19	452	471
Total	71	360	66	10	497	144	105	65	24	314	131	231	257	23	619	230	42	132	26	404	83	1834	1917
13:00	14	84	17	6	115	33	27	14	4	74	34	54	50	1	138	38	7	36	4	81	15	408	423
13:15	17	111	14	2	142	32	21	15	1	68	47	62	44	5	153	55	14	42	2	111	10	474	484
13:30	12	67	9	2	88	48	31	19	2	98	33	61	52	3	146	60	9	33	4	102	11	434	445
13:45	11	96	15	3	122	32	28	16	5	76	39	60	49	1	148	62	16	33	3	111	12	457	469
Total	54	358	55	13	467	145	107	64	12	316	153	237	195	10	585	215	46	144	13	405	48	1773	1821
14:00	21	89	20	6	130	49	27	29	2	105	36	66	58	7	160	49	21	37	3	107	18	502	520
14:15	18	109	22	5	149	38	25	16	1	79	42	78	53	4	173	74	17	48	9	139	19	540	559
14:30	27	103	20	5	150	36	30	20	2	86	45	79	62	4	186	81	21	44	8	146	19	568	587
14:45	26	96	23	1	145	27	27	18	0	72	43	73	56	6	172	98	13	42	2	153	9	542	551
Total	92	397	85	17	574	150	109	83	5	342	166	296	229	21	691	302	72	171	22	545	65	2152	2217
15:00	4	90	16	1	110	37	24	26	1	87	36	80	66	3	182	92	25	65	10	182	15	561	576
15:15	16	80	22	3	118	42	41	15	2	98	54	77	85	5	216	143	34	59	4	236	14	668	682
15:30	16	87	16	0	119	45	35	28	3	108	52	105	72	2	229	79	21	82	9	182	14	638	652
15:45	22	72	15	3	109	40	32	31	0	103	48	91	81	2	220	139	40	72	7	251	12	683	695
Total	58	329	69	7	456	164	132	100	6	396	190	353	304	12	847	453	120	278	30	851	55	2550	2605
16:00	27	98	20	4	145	43	35	30	0	108	65	116	87	2	268	182	28	60	5	270	11	791	802
16:15	18	118	15	3	151	51	29	40	0	120	52	112	76	1	240	171	47	74	3	292	7	803	810
16:30	24	104	16	3	144	21	47	30	0	98	56	158	129	3	343	168	33	79	0	280	6	865	871
16:45	16	85	11	1	112	50	28	29	1	107	64	166	102	0	332	173	47	70	1	290	3	841	844
Total	85	405	62	11	552	165	139	129	1	433	237	552	394	6	1183	694	155	283	9	1132	27	3300	3327
17:00	18	112	15	2	145	46	40	40	2	126	75	139	122	3	336	198	30	72	2	300	9	907	916
17:15	18	110	5	1	133	28	29	36	2	93	65	141	122	1	328	189	23	60	6	272	10	826	836
17:30	26	102	10	2	138	53	33	32	0	118	43	136	100	0	279	139	32	64	1	235	3	770	773
17:45	11	105	12	2	128	42	33	38	0	113	74	132	96	2	302	165	35	77	4	277	8	820	828
Total	73	429	42	7	544	169	135	146	4	450	257	548	440	6	1245	691	120	273	13	1084	30	3323	3353



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC1219
 Site Code : 12190202
 Start Date : 06/25/2012
 Page No : 2

Weather: Warm, Sunny
 Counter: DB-400
 study conducted by: Reno/Hannah

Groups Printed- Unshifted

Start Time	CSAH 11 Southbound					101st Ave. Westbound					CSAH 11 Northbound					TH 10 Ramp 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			
18:00	19	106	12	2	137	41	35	36	0	112	74	104	84	2	262	146	25	62	10	233	14	744	758
18:15	19	80	22	2	121	38	37	36	0	111	40	81	71	4	192	122	38	32	6	192	12	616	628
18:30	13	97	10	0	120	40	33	24	0	97	38	80	69	0	187	99	12	40	4	151	4	555	559
18:45	19	80	10	0	109	35	24	23	1	82	33	78	71	1	182	79	24	30	2	133	4	506	510
Total	70	363	54	4	487	154	129	119	1	402	185	343	295	7	823	446	99	164	22	709	34	2421	2455
19:00	11	69	16	0	96	41	20	15	0	76	25	68	62	0	155	71	21	37	1	129	1	456	457
19:15	14	82	9	0	105	24	34	14	0	72	24	50	58	0	132	59	12	32	1	103	1	412	413
19:30	17	108	18	3	143	24	34	12	1	70	16	54	57	3	127	82	20	32	3	134	10	474	484
19:45	11	43	8	0	62	37	19	16	0	72	27	56	43	1	126	61	27	27	1	115	2	375	377
Total	53	302	51	3	406	126	107	57	1	290	92	228	220	4	540	273	80	128	6	481	14	1717	1731
20:00	7	48	6	0	61	23	17	14	0	54	26	48	36	1	110	59	21	31	1	111	2	336	338
20:15	14	72	16	1	102	29	21	8	1	58	21	42	52	0	115	65	17	29	2	111	4	386	390
20:30	19	77	9	1	105	38	11	15	0	64	23	29	43	0	95	60	23	39	5	122	6	386	392
20:45	5	68	6	1	79	25	21	13	1	59	19	31	57	0	107	55	17	22	0	94	2	339	341
Total	45	265	37	3	347	115	70	50	2	235	89	150	188	1	427	239	78	121	8	438	14	1447	1461
21:00	9	34	9	1	52	15	23	18	0	56	26	32	43	0	101	54	23	30	5	107	6	316	322
21:15	10	43	10	1	63	19	17	16	0	52	24	34	54	0	112	70	14	37	2	121	3	348	351
21:30	9	83	23	1	115	15	19	12	0	46	15	30	40	0	85	45	17	31	0	93	1	339	340
21:45	10	36	6	1	52	23	12	10	0	45	10	35	36	0	81	45	16	27	3	88	4	266	270
Total	38	196	48	4	282	72	71	56	0	199	75	131	173	0	379	214	70	125	10	409	14	1269	1283
Grand Total	1128	7145	909	173	9182	2585	1739	1131	160	5455	2132	3969	3641	214	9742	4522	1061	2539	276	8122	823	32501	33324
Apprch %	12.3	77.8	9.9			47.4	31.9	20.7			21.9	40.7	37.4			55.7	13.1	31.3					
Total %	3.5	22	2.8		28.3	8	5.4	3.5		16.8	6.6	12.2	11.2		30	13.9	3.3	7.8		25	2.5	97.5	

Start Time	CSAH 11 Southbound					101st Ave. Westbound					CSAH 11 Northbound					TH 10 Ramp 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 07:00																					
07:00	23	291	14	328	82	23	4	109	11	20	27	58	33	7	22	62	557				
07:15	28	260	12	300	74	22	9	105	14	28	42	84	27	10	32	69	558				
07:30	18	251	15	284	72	28	10	110	25	36	37	98	33	7	42	82	574				
07:45	22	217	24	263	61	35	1	97	25	34	40	99	42	10	44	96	555				
Total Volume	91	1019	65	1175	289	108	24	421	75	118	146	339	135	34	140	309	2244				
% App. Total	7.7	86.7	5.5		68.6	25.7	5.7		22.1	34.8	43.1		43.7	11	45.3						
PHF	.813	.875	.677	.896	.881	.771	.600	.957	.750	.819	.869	.856	.804	.850	.795	.805	.977				

Start Time	CSAH 11 Southbound					101st Ave. Westbound					CSAH 11 Northbound					TH 10 Ramp 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 16:30																					
16:30	24	104	16	144	21	47	30	98	56	158	129	343	168	33	79	280	865				
16:45	16	85	11	112	50	28	29	107	64	166	102	332	173	47	70	290	841				
17:00	18	112	15	145	46	40	40	126	75	139	122	336	198	30	72	300	907				
17:15	18	110	5	133	28	29	36	93	65	141	122	328	189	23	60	272	826				
Total Volume	76	411	47	534	145	144	135	424	260	604	475	1339	728	133	281	1142	3439				
% App. Total	14.2	77	8.8		34.2	34	31.8		19.4	45.1	35.5		63.7	11.6	24.6						
PHF	.792	.917	.734	.921	.725	.766	.844	.841	.867	.910	.921	.976	.919	.707	.889	.952	.948				



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

Study Name : TMC1219
Study Date : 06/29/12
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 11

Number of Lanes: 2
85% Speed < 40 MPH.
Total Approach Volume: 9,742

Southbound: CSAH 11

Number of Lanes: 2
85% Speed < 40 MPH.
Total Approach Volume: 9,182

Minor Street Approaches

Eastbound: TH 10 Ramp

Number of Lanes: 2

Total Approach Volume: 8,122

Westbound: 101st Ave.

Number of Lanes: 2

Total Approach Volume: 5,455

Warrant Summary (Urban values apply.)

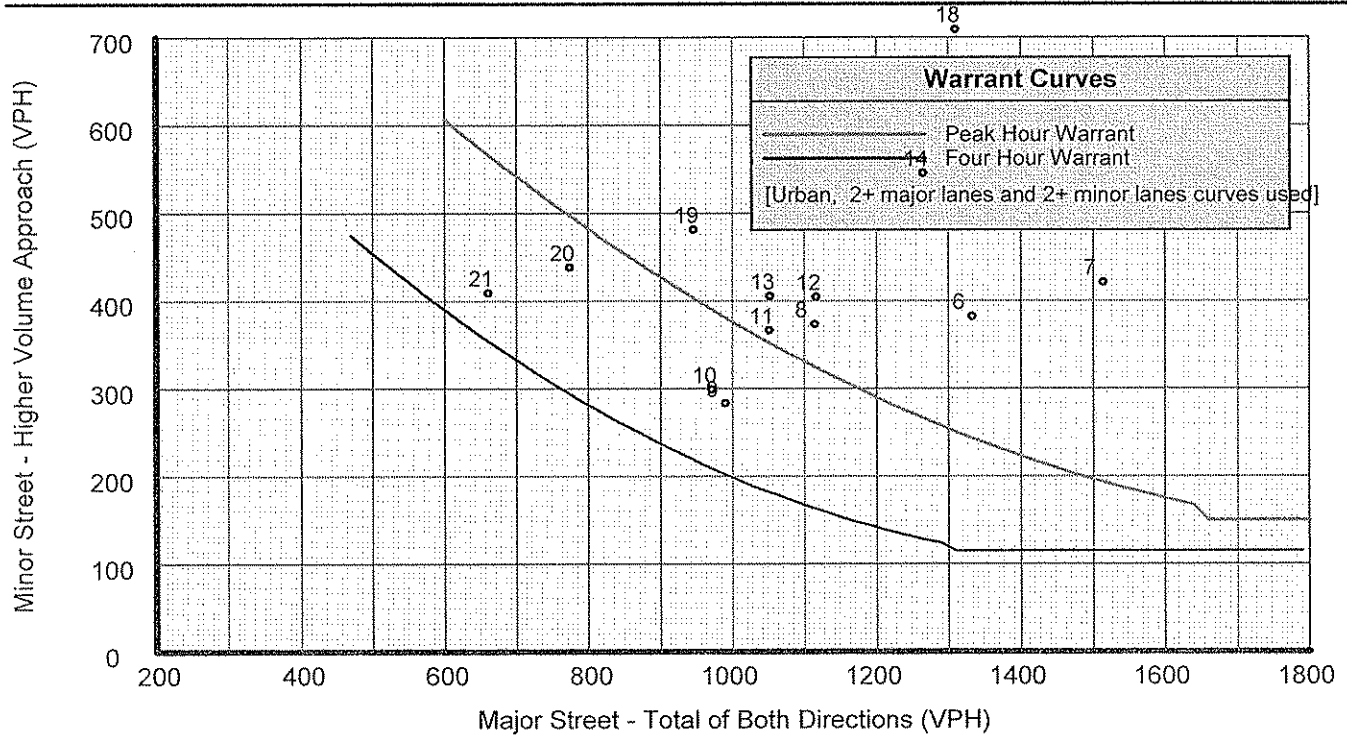
Warrant 1 - Eight Hour Vehicular Volumes	Satisfied
Warrant 1A - Minimum Vehicular Volume	Satisfied
Required volumes reached for 16 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic	Satisfied
Required volumes reached for 14 hours, 8 are needed	
Warrant 1 A&B - Combination of Warrants	Satisfied
Required volumes reached for 15 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Satisfied
Number of hours (16) volumes exceed minimum >= minimum required (4).	
Warrant 3 - Peak Hour	Satisfied
Warrant 3A - Peak Hour Delay	Satisfied
Number of hours (62) 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 : TMC1219
Study Date : 06/29/12
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 EB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
01:00	0	0 EB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
02:00	0	0 EB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
03:00	0	0 EB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
04:00	0	0 EB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
05:00	0	0 EB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
06:00	1,333	382 WB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
07:00	1,514	421 WB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
08:00	1,114	373 WB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
09:00	990	283 WB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
10:00	971	299 WB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
11:00	1,051	366 EB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
12:00	1,116	404 EB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
13:00	1,052	405 EB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
14:00	1,265	545 EB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
15:00	1,303	851 EB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
16:00	1,735	1,132 EB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
17:00	1,789	1,084 EB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
18:00	1,310	709 EB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
19:00	946	481 EB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
20:00	774	438 EB	600-Yes	200-Yes	Both	900-No	100-Yes	Minor	720-Yes	160-Yes	Both
21:00	661	409 EB	600-Yes	200-Yes	Both	900-No	100-Yes	Minor	720-No	160-Yes	Minor
22:00	0	0 EB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
23:00	0	0 EB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---



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

Study Name : TMC1219
Study Date : 06/29/12
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Northbound: CSAH 11
Total Approach Volume: 9,742
85% Speed < 40 MPH.

Southbound: CSAH 11
Total Approach Volume: 9,182
85% Speed < 40 MPH.

Minor Street Approaches

Eastbound: TH 10 Ramp
Total Approach Volume: 8,122

Westbound: 101st Ave.
Total Approach Volume: 5,455

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 17 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 16 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?
05:30 - 06:30	579	238	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
06:30 - 07:30	1,524	656	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
07:30 - 08:30	1,304	709	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
08:30 - 09:30	1,034	597	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
09:30 - 10:30	969	575	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
10:30 - 11:30	1,010	619	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
11:30 - 12:30	1,087	716	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
12:30 - 13:30	1,130	684	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
13:30 - 14:30	1,116	817	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
14:30 - 15:30	1,279	1,060	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
15:30 - 16:30	1,481	1,434	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
16:30 - 17:30	1,873	1,566	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
17:30 - 18:30	1,559	1,391	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
18:30 - 19:30	1,086	843	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
19:30 - 20:30	846	725	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
20:30 - 21:30	714	675	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
21:30 - 22:30	333	272	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
00:00 - 01:00	0	0	300-No	200-No	No	240-No	160-No	No
00:15 - 01:15	0	0	300-No	200-No	No	240-No	160-No	No
00:30 - 01:30	0	0	300-No	200-No	No	240-No	160-No	No
00:45 - 01:45	0	0	300-No	200-No	No	240-No	160-No	No
01:00 - 02:00	0	0	300-No	200-No	No	240-No	160-No	No
01:15 - 02:15	0	0	300-No	200-No	No	240-No	160-No	No
01:30 - 02:30	0	0	300-No	200-No	No	240-No	160-No	No



COUNT LOCATION:

CSAH 11 (Foley Blvd.)

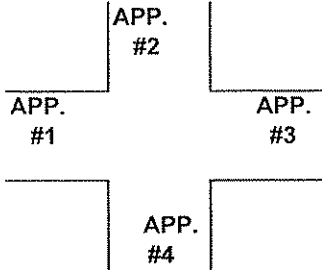
DATE:

06/27/2012

@ TH 10 Ramp/101st Ave.

NORTH

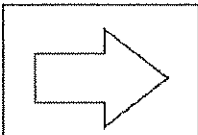
APP. #1 = CSAH 11
APP. #2 = TH 10 Ramp
APP. #3 = CSAH 11
APP. #4 = 101st Ave.



- 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						3		
6:15-6:30						12		1
6:30-6:45				1	1	13		
6:45-7:00						20		1
HOURLY TOTAL					1	HOURLY TOTAL		50
7:00-7:15						10		5
7:15-7:30						13		8
7:30-7:45						30		7
7:45-8:00						12		7
HOURLY TOTAL						HOURLY TOTAL		92
8:00-8:15				1	1	16		8
8:15-8:30						15		2
8:30-8:45						16	1	2
8:45-9:00				2	2	13		16
HOURLY TOTAL					3	HOURLY TOTAL		89
9:00-9:15						21		8
9:15-9:30						13		2
9:30-9:45			1	1	2	23		2
9:45-10:00						8		1
HOURLY TOTAL					2	HOURLY TOTAL		78
10:00-10:15						14		
10:15-10:30						13	1	1
10:30-10:45						12		1
10:45-11:00						20		2
HOURLY TOTAL						HOURLY TOTAL		64
11:00-11:15						10		6
11:15-11:30						11	1	5
11:30-11:45				2	2	13		3
11:45-12:00						13		7
HOURLY TOTAL					2	HOURLY TOTAL		69
12:00-12:15						21		1
12:15-12:30						19	1	6
12:30-12:45						15		4
12:45-1:00				1	1	18		1
HOURLY TOTAL					1	HOURLY TOTAL		86
1:00-1:15						15		1
1:15-1:30						6		2
1:30-1:45				1	1	11		
1:45-2:00						12		1
HOURLY TOTAL					1	HOURLY TOTAL		48
				TOTAL	10		TOTAL	576

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COUNT LOCATION:

CSAH 11 (Foley Blvd.)

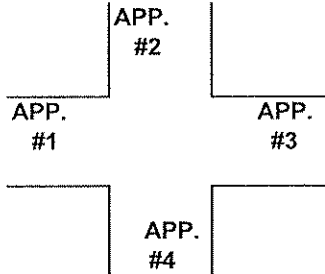
DATE:

06/25/2012

@ TH 10 Ramp/101st Ave.

NORTH

APP. #1 = CSAH 11
APP. #2 = TH 10 Ramp
APP. #3 = CSAH 11
APP. #4 = 101st Ave.



- 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				1	1	16		2	1
2:15-2:30						16		3	2
2:30-2:45						16		3	3
2:45-3:00						8		1	4
HOURLY TOTAL					1	HOURLY TOTAL		65	
3:00-3:15						14	1		5
3:15-3:30						11		2	6
3:30-3:45		1		1	2	11		3	7
3:45-4:00						13		1	8
HOURLY TOTAL					2	HOURLY TOTAL		56	
4:00-4:15						9	1	1	9
4:15-4:30						7			10
4:30-4:45				4	4	5		1	11
4:45-5:00				1	1	2	1		12
HOURLY TOTAL					5	HOURLY TOTAL		27	
5:00-5:15				1	1	7		2	13
5:15-5:30				5	5	9		1	14
5:30-5:45						2		1	15
5:45-6:00						8			16
HOURLY TOTAL					6	HOURLY TOTAL		30	
6:00-6:15						10	4	1	17
6:15-6:30				1	1	12			18
6:30-6:45						4			19
6:45-7:00						4			20
HOURLY TOTAL					1	HOURLY TOTAL		35	
7:00-7:15						1			21
7:15-7:30						1			22
7:30-7:45						10			23
7:45-8:00						2			24
HOURLY TOTAL						HOURLY TOTAL		14	
8:00-8:15						2			25
8:15-8:30						1			26
8:30-8:45						5		1	27
8:45-9:00				2	2	2			28
HOURLY TOTAL					2	HOURLY TOTAL		11	
9:00-9:15						5		1	29
9:15-9:30						2		1	30
9:30-9:45						1			31
9:45-10:00				1	1	3	1		32
HOURLY TOTAL					1	HOURLY TOTAL		14	
TOTAL					28	TOTAL		828	