

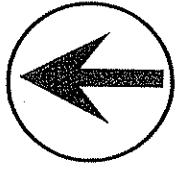
Date : 05/20/10

Count Number : TMC1010

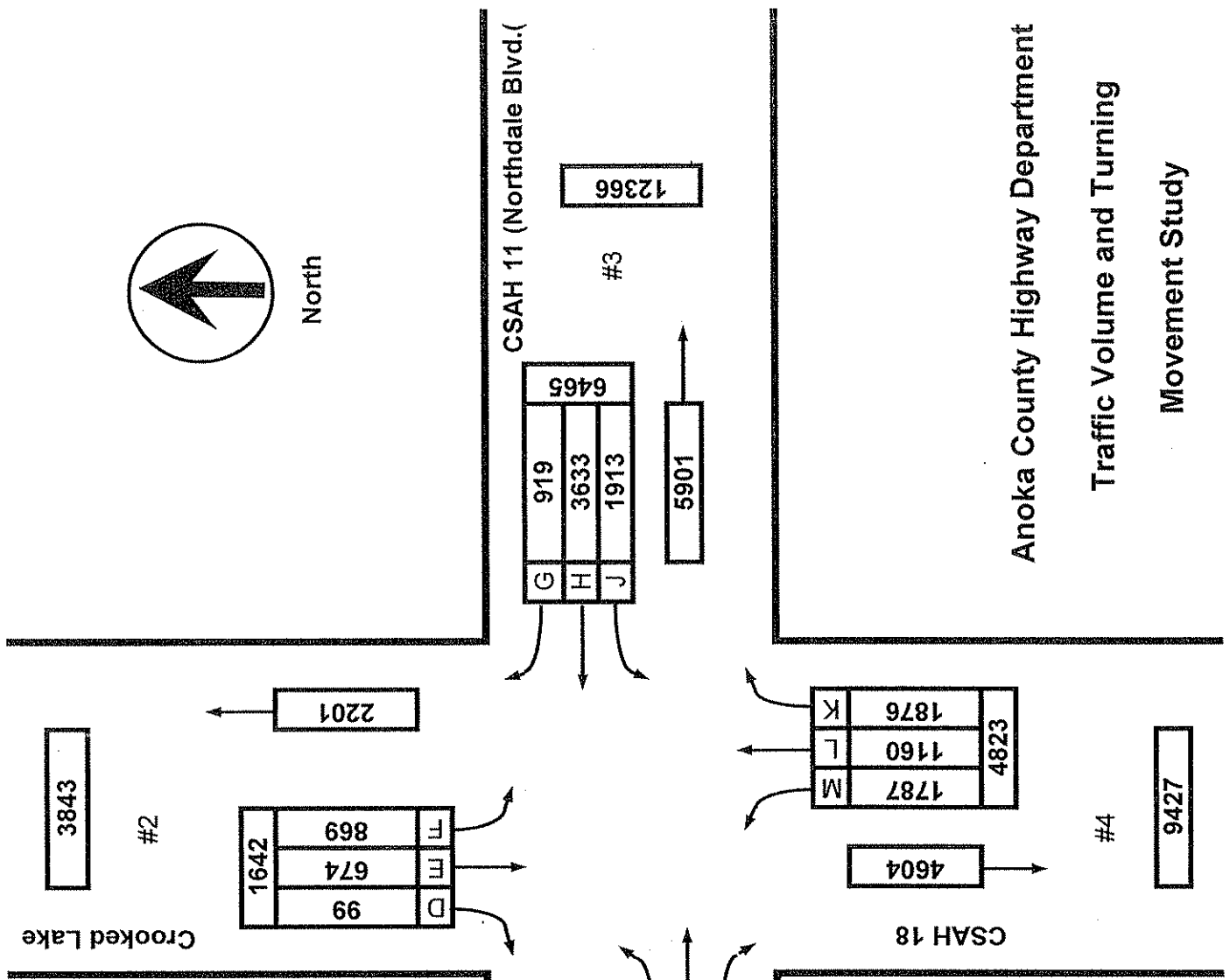
Location : CSAH 11 (Northdale Blvd.)

@ CSAH 18 (Crooked Lake Blvd.)

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



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 05/19/10

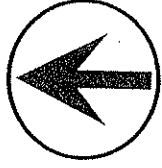
Count Number : TMC1010

Location : CSAH 11 (Northdale Blvd.)

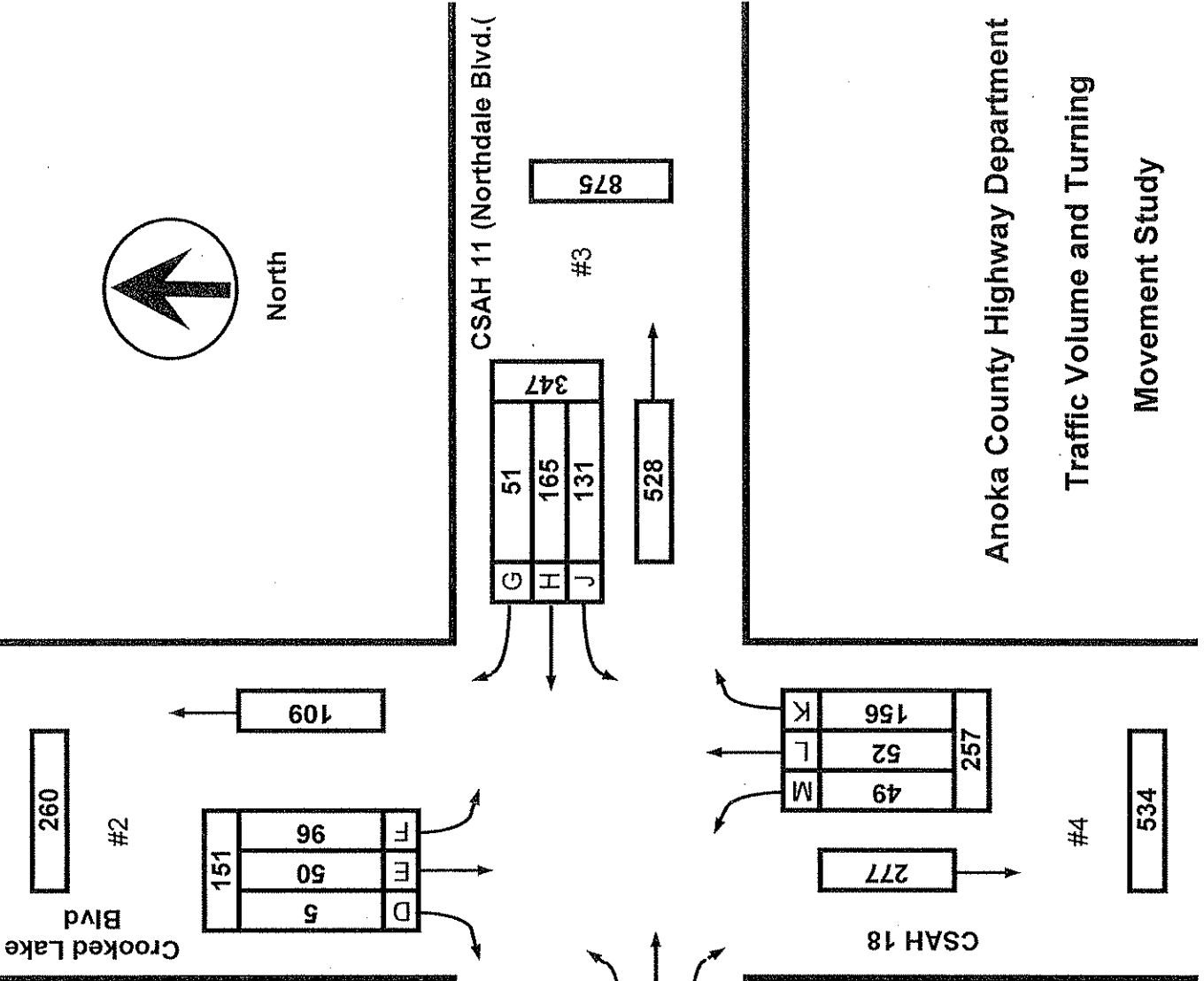
@ CSAH 18 (Crooked Lake Blvd.)

Collection Period : AM PEAK

Hour : 7:15-8:15 AM



North



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Date : 05/20/10

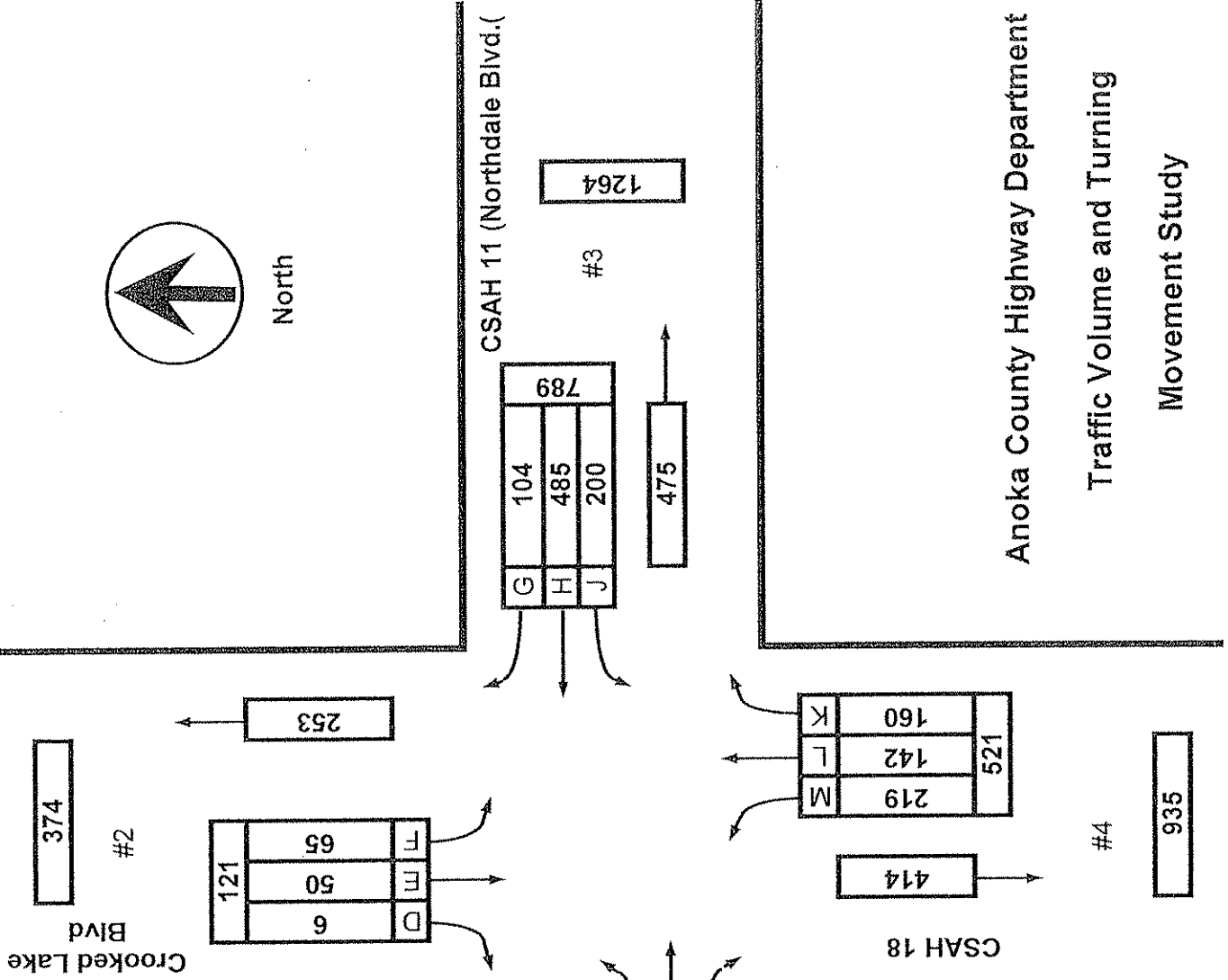
Count Number : TMC1010

Location : CSAH 11 (Northdale Blvd.)

@ CSAH 18 (Crooked Lake Blvd.)

Collection Period : PM PEAK

Hour : 4:45-5:45PM



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

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC1010

Site Code : 10100202

Start Date : 5/19/2010

Page No : 1

Weather: Warm and Sunny

Counter: DB-400

Counted by: Andy/Brett

Groups Printed- Unshifted

Start Time	Crooked Lake Blvd. Southbound					CSAH 11 Westbound					CSAH 18 Northbound					Northdale Blvd. 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			
06:00	4	10	0	0	14	5	7	2	0	14	2	6	7	1	15	0	19	5	1	24	2	67	69
06:15	12	14	0	1	26	9	10	1	3	20	4	4	13	0	21	0	21	10	2	31	6	98	104
06:30	17	9	0	2	26	13	25	2	1	40	4	10	20	0	34	0	42	13	2	55	5	155	160
06:45	19	13	0	3	32	24	33	6	2	63	12	8	37	1	57	1	45	25	4	71	10	223	233
Total	52	46	0	6	98	51	75	11	6	137	22	28	77	2	127	1	127	53	9	181	23	543	566
07:00	16	13	0	3	29	14	21	3	0	38	7	6	28	3	41	2	88	19	3	109	9	217	226
07:15	21	19	1	1	41	36	38	21	7	95	15	9	45	4	69	0	88	20	6	108	18	313	331
07:30	33	7	1	1	41	42	47	8	9	97	13	15	48	3	76	1	88	23	7	112	20	326	346
07:45	23	15	2	1	40	19	42	13	5	74	11	12	29	1	52	2	49	28	1	79	8	245	253
Total	93	54	4	6	151	111	148	45	21	304	46	42	150	11	238	5	313	90	17	408	55	1101	1156
08:00	19	9	1	1	29	34	38	9	2	81	10	16	34	8	60	3	51	25	11	79	22	249	271
08:15	14	10	0	2	24	25	39	13	8	77	12	9	20	1	41	0	25	24	2	49	13	191	204
08:30	8	8	0	3	16	21	37	17	5	75	7	14	25	4	46	1	24	12	1	37	13	174	187
08:45	13	11	0	2	24	22	37	14	5	73	21	7	21	5	49	1	31	24	3	56	15	202	217
Total	54	38	1	8	93	102	151	53	20	306	50	46	100	18	196	5	131	85	17	221	63	816	879
09:00	20	8	1	0	29	13	38	17	3	68	27	21	44	2	92	7	31	24	3	62	8	251	259
09:15	30	9	1	1	40	34	37	17	7	88	31	6	30	2	67	4	29	18	2	51	12	246	258
09:30	8	10	2	2	20	17	39	16	2	72	22	7	19	2	48	2	64	34	4	100	10	240	250
09:45	11	12	3	0	26	17	37	13	0	67	23	10	15	1	48	1	38	29	1	68	2	209	211
Total	69	39	7	3	115	81	151	63	12	295	103	44	108	7	255	14	162	105	10	281	32	946	978
10:00	6	6	0	0	12	34	28	7	1	69	18	18	22	0	58	3	28	27	3	58	4	197	201
10:15	10	9	2	0	21	35	43	4	5	82	24	8	19	1	51	1	41	24	0	66	6	220	226
10:30	9	8	1	0	18	21	41	12	2	74	26	12	29	2	67	5	28	25	3	58	7	217	224
10:45	9	8	2	0	19	22	52	12	1	86	32	14	27	2	73	4	40	24	2	68	5	246	251
Total	34	31	5	0	70	112	164	35	9	311	100	52	97	5	249	13	137	100	8	250	22	880	902
11:00	9	8	2	1	19	14	26	16	4	56	27	12	33	0	72	4	55	40	4	99	9	246	255
11:15	11	7	2	0	20	27	64	12	3	103	23	10	24	1	57	1	43	32	1	76	5	256	261
11:30	7	8	2	0	17	23	52	11	4	86	28	22	31	6	81	3	48	39	5	90	15	274	289
11:45	12	9	4	2	25	42	67	8	4	117	25	15	31	2	71	5	50	40	1	95	9	308	317
Total	39	32	10	3	81	106	209	47	15	362	103	59	119	9	281	13	196	151	11	360	38	1084	1122
12:00	9	7	5	0	21	32	56	11	0	99	28	14	29	0	71	1	43	30	0	74	0	265	265
12:15	16	4	3	1	23	25	44	15	4	84	27	18	28	0	73	1	52	33	2	86	7	266	273
12:30	8	12	5	2	25	30	55	10	3	95	17	11	22	0	50	4	49	28	2	81	7	251	258
12:45	10	10	1	0	21	32	55	18	2	105	40	21	31	0	92	3	55	34	4	92	6	310	316
Total	43	33	14	3	90	119	210	54	9	383	112	64	110	0	286	9	199	125	8	333	20	1092	1112
13:00	8	7	2	0	17	22	49	9	4	80	26	21	38	1	85	0	49	38	0	87	5	269	274
13:15	14	8	1	1	23	25	48	10	5	83	35	9	29	3	73	0	43	26	2	69	11	248	259
13:30	10	8	1	2	19	19	40	9	4	68	17	15	25	3	57	1	46	24	1	71	10	215	225
13:45	6	6	0	0	12	24	51	14	4	89	23	14	22	0	59	0	46	29	1	75	5	235	240
Total	38	29	4	3	71	90	188	42	17	320	101	59	114	7	274	1	184	117	4	302	31	957	988
14:00	8	7	0	2	15	17	41	12	1	70	20	18	34	2	72	1	55	33	3	89	8	246	254
14:15	20	11	3	0	34	37	55	5	2	97	29	21	25	4	75	1	54	38	3	93	9	299	308
14:30	14	8	6	1	28	47	99	28	11	174	38	9	29	1	76	0	45	37	2	82	15	360	375
14:45	23	10	1	1	34	38	67	17	0	122	37	13	35	2	85	0	65	43	3	108	6	349	355
Total	65	36	10	4	111	139	262	62	14	463	124	61	123	9	308	2	219	151	11	372	38	1254	1292
15:00	20	14	0	1	34	52	76	28	14	156	25	27	30	1	82	3	60	45	2	108	18	380	398
15:15	8	18	2	0	28	33	75	20	2	128	53	28	45	2	126	2	58	45	2	105	6	387	393
15:30	10	16	1	1	27	44	77	15	2	136	50	33	44	5	127	5	63	40	4	108	12	398	410
15:45	24	10	1	0	35	41	105	43	7	189	44	48	50	3	142	3	61	39	4	103	14	469	483
Total	62	58	4	2	124	170	333	106	25	609	172	136	169	11	477	13	242	169	12	424	50	1634	1684
16:00	32	20	7	3	59	32	91	29	2	152	55	34	54	2	143	0	53	42	1	95	8	449	457
16:15	10	9	1	1	20	42	115	16	3	173	53	21	39	1	113	1	79	29	0	109	5	415	420
16:30	15	15	2	1	32	36	103	20	3	159	59	24	51	3	134	2	57	42	1	101	8	426	434
16:45	13	8	0	0	21	50	115	24	6	189	69	37	36	2	142	0	57	40	0	97	8	449	457
Total	70	52	10	5	132	160	424	89	14	673	236	116	180	8	532	3	246	153	2	402	29	1739	1768
17:00	14	12	2	1	28	49	117	25	2	191	61	39	52	2	152	2	61	41	0	104	5	475	480
17:15	18	18	1	0	37	63	120	23	4	206	38	30	40	0	108	1	70	43	0	114	4	465	469
17:30	20	12	3	0	35	38	133	32	3	203	51	36	32	0	119	4	62	40	2	106	5	463	468
17:45	19	15	4	0	38	45	106	26	2	177	48	42	32	0	122	5	59	46	2	110	4	447	451
Total	71	57	10	1	138	195	476	106	11	777	198	147	156	2	501	12	252	170	4	434	18	1850	1868

Anoka County Highway Department

Traffic Engineering Section Traffic Volume and Turning Movement Study

File Name : TMC1010
Site Code : 10100202
Start Date : 5/19/2010
Page No : 2

Weather: Warm and Sunny
Counter: DB-400
Counted by: Andy/Brett

Groups Printed- Unshifted

Start Time	Crooked Lake Blvd. Southbound					CSAH 11 Westbound					CSAH 18 Northbound					Northdale Blvd. 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	12	16	1	0	29	43	84	21	3	148	48	29	43	0	120	4	66	50	1	120	4	417	421
18:15	19	11	1	1	31	42	73	8	4	123	41	27	28	0	96	2	79	31	2	112	7	362	369
18:30	17	17	4	0	38	38	71	14	1	123	36	29	39	1	104	1	73	43	1	117	3	382	385
18:45	9	6	0	0	15	49	85	24	0	158	22	13	29	0	64	3	51	50	0	104	0	341	341
Total	57	50	6	1	113	172	313	67	8	552	147	98	139	1	384	10	269	174	4	453	14	1502	1516
19:00	28	22	4	0	54	24	46	13	1	83	44	23	32	0	99	5	56	45	0	106	1	342	343
19:15	12	8	5	0	25	31	54	12	1	97	23	21	25	1	69	1	51	39	0	91	2	282	284
19:30	10	10	2	0	22	27	51	13	3	91	29	15	18	0	62	5	51	42	0	98	3	273	276
19:45	13	16	0	0	29	22	50	12	0	84	22	20	26	0	68	0	39	33	0	72	0	253	253
Total	63	56	11	0	130	104	201	50	5	355	118	79	101	1	298	11	197	159	0	367	6	1150	1156
20:00	8	6	0	0	14	25	47	18	0	90	20	12	19	0	51	2	55	29	0	86	0	241	241
20:15	8	10	1	0	19	36	63	14	0	113	30	19	23	0	72	3	42	36	0	81	0	285	285
20:30	8	9	0	0	17	27	52	14	0	93	25	17	13	0	55	2	30	24	0	56	0	221	221
20:45	8	7	1	0	16	43	56	8	0	107	27	13	13	0	53	0	35	40	0	75	0	251	251
Total	32	32	2	0	66	131	218	54	0	403	102	61	68	0	231	7	162	129	0	298	0	998	998
21:00	8	9	0	0	17	14	39	7	0	60	18	25	21	1	64	0	42	29	0	71	1	212	213
21:15	5	8	0	0	13	21	27	8	0	56	10	19	16	0	45	0	33	23	0	56	0	170	170
21:30	5	10	1	0	16	21	25	9	0	55	12	10	12	0	34	1	20	19	2	40	2	145	147
21:45	9	4	0	0	13	14	19	11	0	44	13	14	16	0	43	2	25	15	0	42	0	142	142
Total	27	31	1	0	59	70	110	35	0	215	53	68	65	1	186	3	120	86	2	209	3	669	672
Grand Total	869	674	99	45	1642	1913	3633	919	186	6465	1787	1160	1876	92	4823	122	3156	2017	119	5295	442	18225	18667
Apprch %	52.9	41	6			29.6	56.2	14.2			37.1	24.1	38.9			2.3	59.6	38.1					
Total %	4.8	3.7	0.5		9	10.5	19.9	5		35.5	9.8	6.4	10.3		26.5	0.7	17.3	11.1		29.1	2.4	97.6	

Start Time	Crooked Lake Blvd. Southbound					CSAH 11 Westbound					CSAH 18 Northbound					Northdale Blvd. Eastbound					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		
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																						
Peak Hour for Entire Intersection Begins at 07:15																						
07:15	21	19	1		41	36	38	21		95	15	9	45		69	0	88	20		108	313	
07:30	33	7	1		41	42	47	8		97	13	15	48		76	1	88	23		112	326	
07:45	23	15	2		40	19	42	13		74	11	12	29		52	2	49	28		79	245	
08:00	19	9	1		29	34	38	9		81	10	16	34		60	3	51	25		79	249	
Total Volume	96	50	5		151	131	165	51		347	49	52	156		257	6	276	96		378	1133	
% App. Total	63.6	33.1	3.3			37.8	47.6	14.7			19.1	20.2	60.7			1.6	73	25.4				
PHF	.727	.658	.625		.921	.780	.878	.607		.894	.817	.813	.813		.845	.500	.784	.857		.844	.869	

Start Time	Crooked Lake Blvd. Southbound					CSAH 11 Westbound					CSAH 18 Northbound					Northdale Blvd. Eastbound					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		
Peak Hour Analysis From 12:00 to 21:45 - Peak 1 of 1																						
Peak Hour for Entire Intersection Begins at 16:45																						
16:45	13	8	0		21	50	115	24		189	69	37	36		142	0	57	40		97	449	
17:00	14	12	2		28	49	117	25		191	61	39	52		152	2	61	41		104	475	
17:15	18	18	1		37	63	120	23		206	38	30	40		108	1	70	43		114	465	
17:30	20	12	3		35	38	133	32		203	51	36	32		119	4	62	40		106	463	
Total Volume	65	50	6		121	200	485	104		789	219	142	160		521	7	250	164		421	1852	
% App. Total	53.7	41.3	5			25.3	61.5	13.2			42	27.3	30.7			1.7	59.4	39				
PHF	.813	.694	.500		.818	.794	.912	.813		.958	.793	.910	.769		.857	.438	.893	.953		.923	.975	

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

Study Name :
Study Date : 05/21/10
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Eastbound: Northdale Blvd.
Number of Lanes: 2
Approach Speed: 35
Total Approach Volume: 5,295

Westbound: CSAH 11
Number of Lanes: 2
Approach Speed: 35
Total Approach Volume: 6,465

Minor Street Approaches

Northbound: CSAH 18
Number of Lanes: 2

Total Approach Volume: 4,823

Southbound: Crooked Lake Blvd.
Number of Lanes: 2

Total Approach Volume: 1,642

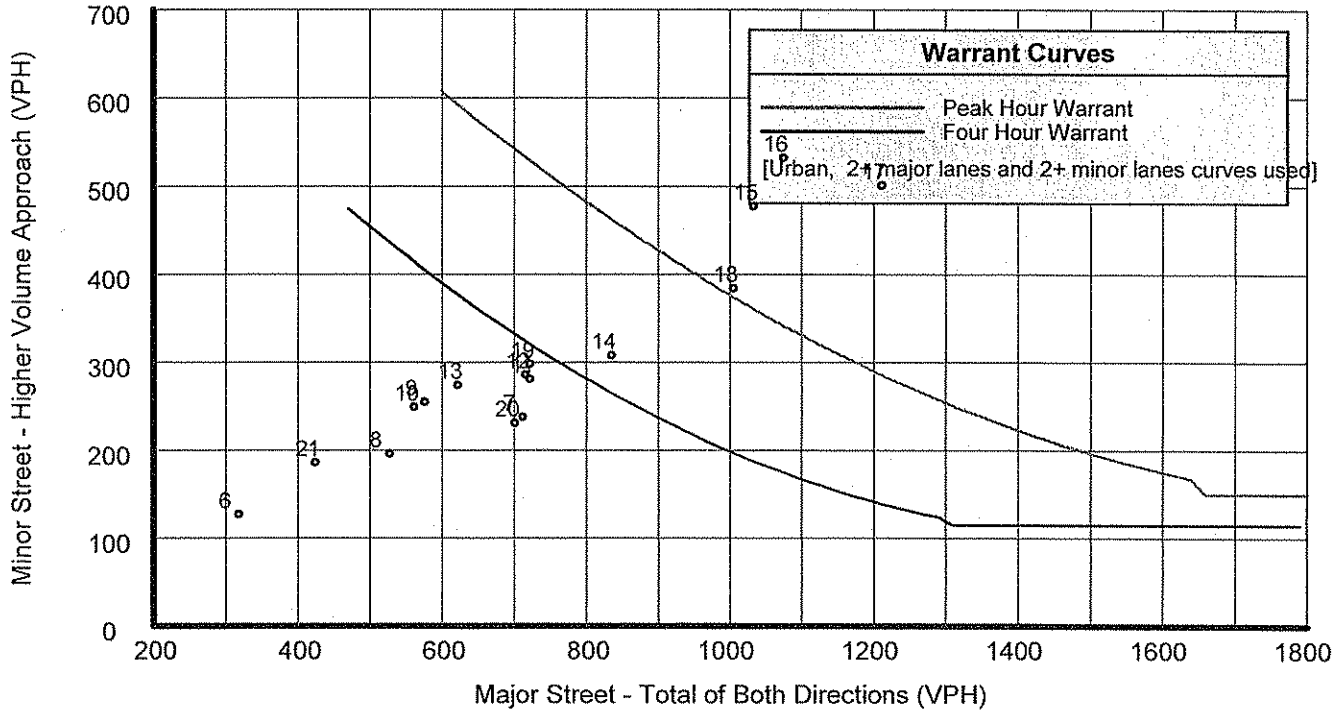
Warrant Summary (Urban values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Satisfied
Warrant 1A - Minimum Vehicular Volume	Satisfied
Required volumes reached for 11 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic	Not Satisfied
Required volumes reached for 4 hours, 8 are needed	
Warrant 1 A&B - Combination of Warrants	Not Satisfied
Required volumes reached for 7 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Satisfied
Number of hours (5) volumes exceed minimum >= minimum required (4).	
Warrant 3 - Peak Hour	Satisfied
Warrant 3A - Peak Hour Delay	Satisfied
Number of hours (57) 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

ANOKA COUNTY HIGHWAY PC-WARRANTS TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name :
Study Date : 05/21/10
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	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
01:00	0	0	NB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
02:00	0	0	NB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
03:00	0	0	NB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
04:00	0	0	NB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
05:00	0	0	NB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
06:00	318	127	NB	600-No	200-No	---	900-No	100-Yes	Minor	720-No	160-No	---
07:00	712	238	NB	600-Yes	200-Yes	Both	900-No	100-Yes	Minor	720-No	160-Yes	Minor
08:00	527	196	NB	600-No	200-No	---	900-No	100-Yes	Minor	720-No	160-Yes	Minor
09:00	576	255	NB	600-No	200-Yes	Minor	900-No	100-Yes	Minor	720-No	160-Yes	Minor
10:00	561	249	NB	600-No	200-Yes	Minor	900-No	100-Yes	Minor	720-No	160-Yes	Minor
11:00	722	281	NB	600-Yes	200-Yes	Both	900-No	100-Yes	Minor	720-Yes	160-Yes	Both
12:00	716	286	NB	600-Yes	200-Yes	Both	900-No	100-Yes	Minor	720-No	160-Yes	Minor
13:00	622	274	NB	600-Yes	200-Yes	Both	900-No	100-Yes	Minor	720-No	160-Yes	Minor
14:00	835	308	NB	600-Yes	200-Yes	Both	900-No	100-Yes	Minor	720-Yes	160-Yes	Both
15:00	1,033	477	NB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
16:00	1,075	532	NB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
17:00	1,211	501	NB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
18:00	1,005	384	NB	600-Yes	200-Yes	Both	900-Yes	100-Yes	Both	720-Yes	160-Yes	Both
19:00	722	298	NB	600-Yes	200-Yes	Both	900-No	100-Yes	Minor	720-Yes	160-Yes	Both
20:00	701	231	NB	600-Yes	200-Yes	Both	900-No	100-Yes	Minor	720-No	160-Yes	Minor
21:00	424	186	NB	600-No	200-No	---	900-No	100-Yes	Minor	720-No	160-Yes	Minor
22:00	0	0	NB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---
23:00	0	0	NB	600-No	200-No	---	900-No	100-No	---	720-No	160-No	---

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

Study Name :
Study Date : 05/21/10
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: Northdale Blvd.
Total Approach Volume: 5,295
Approach Speed: 35

Westbound: CSAH 11
Total Approach Volume: 6,465
Approach Speed: 35

Minor Street Approaches

Northbound: CSAH 18
Total Approach Volume: 4,823

Southbound: Crooked Lake Blvd.
Total Approach Volume: 1,642

Warrant Summary

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

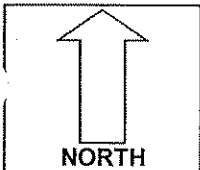
Criteria B - Crash Experience Not Evaluated

Criteria C - Minimum Volumes and Delays Satisfied
Delay data not evaluated
Required volumes reached for 16 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?
06:00 - 07:00	318	225	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
07:00 - 08:00	712	389	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
08:00 - 09:00	527	289	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
09:00 - 10:00	576	370	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
10:00 - 11:00	561	319	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
11:00 - 12:00	722	362	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
12:00 - 13:00	716	376	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
13:00 - 14:00	622	345	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
14:00 - 15:00	835	419	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
15:00 - 16:00	1,033	601	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
16:00 - 17:00	1,075	664	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
17:00 - 18:00	1,211	639	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
18:00 - 19:00	1,005	497	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
19:00 - 20:00	722	428	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
20:00 - 21:00	701	297	300-Yes	200-Yes	Both	240-Yes	160-Yes	Both
21:00 - 22:00	424	245	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
01:45 - 02:45	0	0	300-No	200-No	No	240-No	160-No	No



COUNT LOCATION:

CSAH 11 (Northdale Blvd.)

DATE:

5/20/2010

@ CSAH 18 (Crooked Lake)

APP. #1 = Northdale Blvd

APP. #2 = Crooked Lake Blvd

APP. #3 = CSAH 11

APP. #4 = CSAH 18

APP. #2

APP. #1

APP. #3

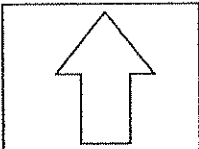
APP. #4

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

- A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.
- B. RV- A HEAVY VEHICLE OPERATED BY A PRIVATE MOTORIST AND INVOLVED IN THE TRANSPORT OF RECREATIONAL EQUIPMENT OR FACILITIES.
- C. BUSES- A HEAVY VEHICLE INVOLVED IN THE TRANSPORTATION OF GROUPS OF PEOPLE.

TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
6:00-6:15AM						1		
6:15-6:30		4			4	2		4
6:30-6:45	2				2	1		4
6:45-7:00	4		1	1	6	1		10
HOURLY TOTAL					12	HOURLY TOTAL		23
7:00-7:15	4	2	2	2	10	2		7
7:15-7:30	5				5	4		14
7:30-7:45						6		14
7:45-8:00						1		7
HOURLY TOTAL					15	HOURLY TOTAL		55
8:00-8:15			2	2	4	4		18
8:15-8:30	1	2			3	3		10
8:30-8:45						5		8
8:45-9:00	1		5	5	11	4		11
HOURLY TOTAL					18	HOURLY TOTAL		63
9:00-9:15						5		4
9:15-9:30	3	2	6	6	17	5		7
9:30-9:45						7		3
9:45-10:00						1		1
HOURLY TOTAL					17	HOURLY TOTAL		33
10:00-10:15						3		1
10:15-10:30		1	3	3	7	4		2
10:30-10:45	1	1			2	5		2
10:45-11:00		4			4	5		
HOURLY TOTAL					13	HOURLY TOTAL		22
11:00-11:15		2			2	8		1
11:15-11:30						4		1
11:30-11:45		1			1	9		7
11:45-12:00						4		5
HOURLY TOTAL					3	HOURLY TOTAL		39
12:00-12:15								
12:15-12:30		4			4	3		4
12:30-12:45			1	1	2	3		4
12:45-1:00						4		1
HOURLY TOTAL					6	HOURLY TOTAL		19
1:00-1:15								5
1:15-1:30	1	2			3	4		7
1:30-1:45	1				1	6		4
1:45-2:00						4		1
HOURLY TOTAL					4	HOURLY TOTAL		31
					TOTAL		TOTAL	285
					88			

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NORTH

COUNT LOCATION:

CSAH 11 (Northdale Blvd.)

DATE:

5/19/2010

@ CSAH 18 (Crooked Lake)

APP. #1 = Northdale Blvd

APP. #2 = Crooked Lake Blvd

APP. #3 = CSAH 11

APP. #4 = CSAH 18

APP. #2

APP. #1

APP. #3

APP. #4

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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				1		7
2:15-2:30	1					2		7
2:30-2:45			21	2		2		13
2:45-3:00	2	2						6
HOURLY TOTAL					30	HOURLY TOTAL		38
3:00-3:15		9		2		7		12
3:15-3:30	1	6		1		1		5
3:30-3:45		7				3		9
3:45-4:00		8		2		5		9
HOURLY TOTAL					36	HOURLY TOTAL		51
4:00-4:15		14	6	3		2		6
4:15-4:30		4	5			1		3
4:30-4:45			3			4		4
4:45-5:00			1			2		6
HOURLY TOTAL					36	HOURLY TOTAL		28
5:00-5:15	1	1	1			1		4
5:15-5:30						2		2
5:30-5:45		2	3	3		2		5
5:45-6:00	1	1	3			3		1
HOURLY TOTAL					16	HOURLY TOTAL		20
6:00-6:15						1		3
6:15-6:30						5		2
6:30-6:45						1		2
6:45-7:00								
HOURLY TOTAL						HOURLY TOTAL		14
7:00-7:15						1		
7:15-7:30						2		
7:30-7:45						2		1
7:45-8:00								
HOURLY TOTAL						HOURLY TOTAL		1
8:00-8:15								
8:15-8:30								
8:30-8:45								
8:45-9:00								
HOURLY TOTAL						HOURLY TOTAL		
9:00-9:15						1		
9:15-9:30								
9:30-9:45								
9:45-10:00								
HOURLY TOTAL						HOURLY TOTAL		1
					TOTAL	TOTAL	TOTAL	438
					206			

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