

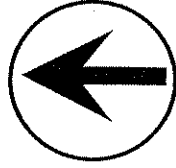
Date : 05/28/09

Count Number : TMC0911

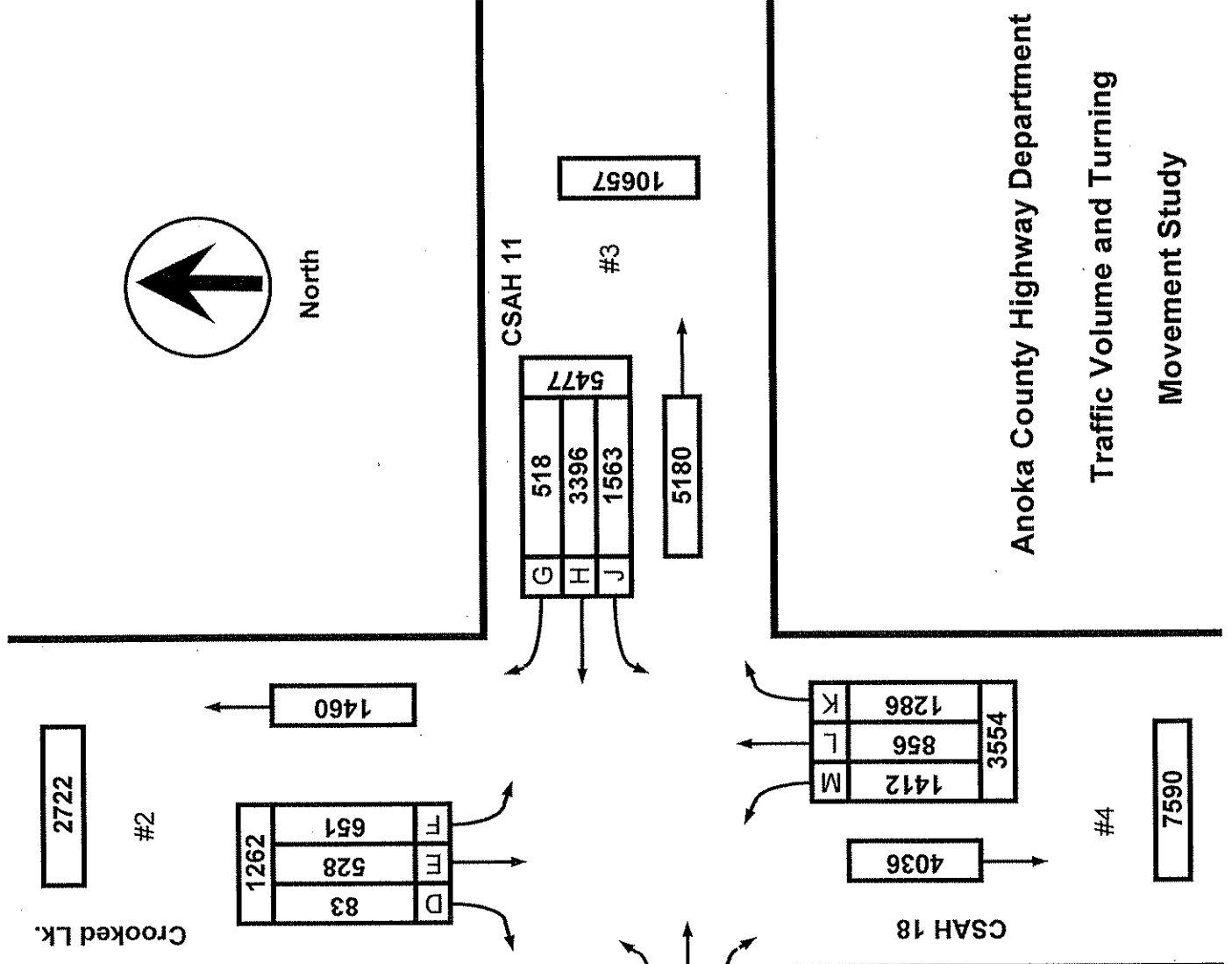
Location : CSAH 11 (Northdale Blvd.)

@ CSAH 18 (Crooked Lk. 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 : 05/28/09

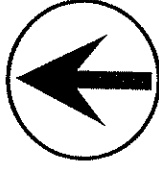
Count Number : TMC0911

Location : CSAH 11 (Northdale Blvd.)

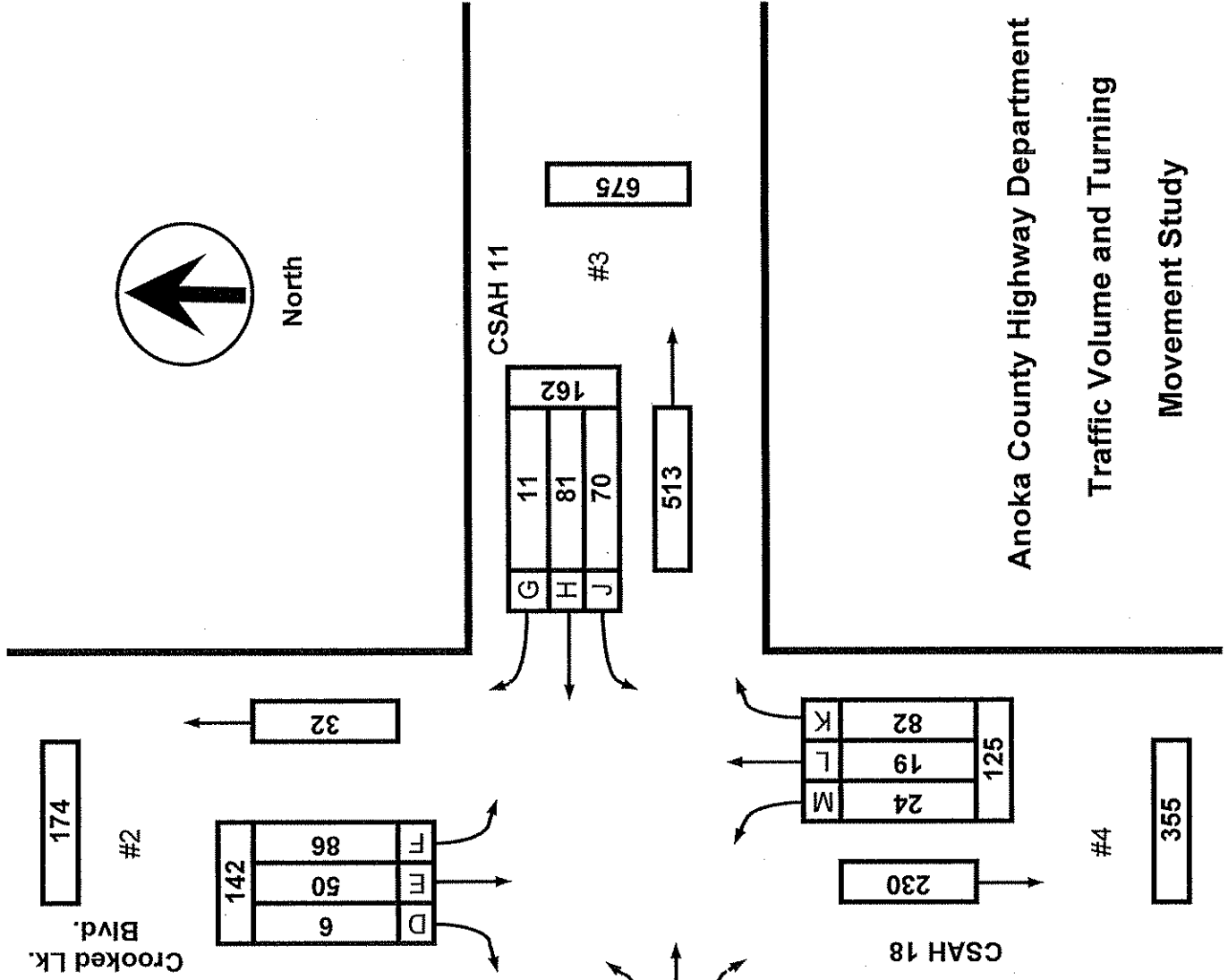
@ CSAH 18 (Crooked Lk. Blvd.)

Collection Period : AM PEAK

Hour : 7:00 - 8:00AM



North



Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

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

Date : 05/28/09

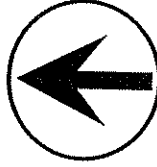
Count Number : TMC0911

Location : CSAH 11 (Northdale Blvd.)

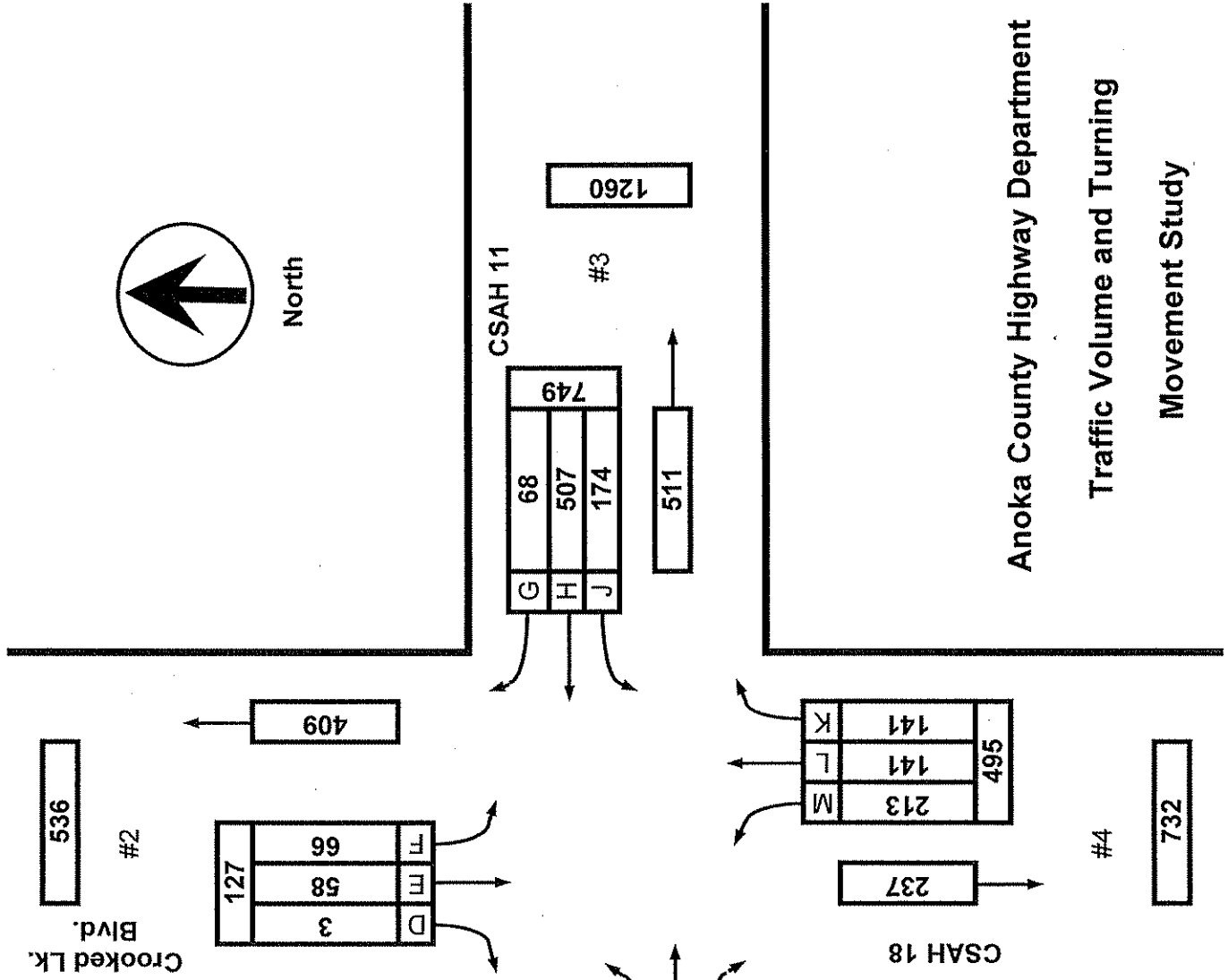
@ CSAH 18 (Crooked Lk. Blvd.)

Collection Period : PM PEAK

Hour : 4:45 - 5:45PM



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

Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC0911

Site Code : 09110202

Start Date : 5/28/2009

Page No : 1

Weather: Sunny and Warm

Counter: DB-400

Counted by: Jake/Laura

Groups Printed- Unshifted - Bank 1

Start Time	Crooked Lk. 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	8	9	0	1	17	4	11	0	0	15	4	2	9	0	15	0	24	10	2	34	3	81	84
06:15	6	4	1	1	11	4	14	1	3	19	5	2	11	1	18	0	22	15	2	37	7	85	92
06:30	9	12	1	1	22	7	11	2	0	20	2	3	10	1	15	2	34	19	6	55	8	112	120
06:45	18	15	0	2	33	8	9	3	2	20	5	5	19	3	29	1	63	22	4	86	11	168	179
Total	41	40	2	5	83	23	45	6	5	74	16	12	49	5	77	3	143	66	14	212	29	446	475
07:00	18	10	2	3	30	12	24	3	1	39	7	1	16	1	24	2	97	33	2	132	7	225	232
07:15	28	16	3	4	47	17	15	3	6	35	8	6	28	2	42	0	103	27	7	130	19	254	273
07:30	24	16	0	2	40	17	22	3	2	42	2	7	23	1	32	0	95	21	4	116	9	230	239
07:45	16	8	1	0	25	24	20	2	3	46	7	5	15	3	27	0	50	29	4	79	10	177	187
Total	86	50	6	9	142	70	81	11	12	162	24	19	82	7	125	2	345	110	17	457	45	886	931
08:00	14	8	1	2	23	27	28	3	7	58	9	1	16	7	26	2	36	23	6	61	22	168	190
08:15	5	6	0	1	11	16	25	3	6	44	10	5	18	0	33	0	30	15	2	45	9	133	142
08:30	7	4	0	2	11	18	44	5	3	67	16	11	20	0	47	1	28	24	5	53	10	178	188
08:45	6	8	2	1	16	8	25	5	3	38	13	7	29	2	49	3	35	23	3	61	9	164	173
Total	32	26	3	6	61	69	122	16	19	207	48	24	83	9	155	6	129	85	16	220	50	643	693
09:00	13	12	2	1	27	16	21	3	3	40	14	5	14	3	33	5	26	14	3	45	10	145	155
09:15	12	7	2	3	21	11	24	6	3	41	10	6	8	0	24	5	23	12	2	40	8	126	134
09:30	4	9	1	0	14	6	16	3	1	25	15	3	2	0	20	0	15	9	0	24	1	83	84
09:45	1	9	4	3	14	6	35	1	2	42	15	14	16	2	45	0	22	7	0	29	7	130	137
Total	30	37	9	7	76	39	96	13	9	148	54	28	40	5	122	10	86	42	5	138	26	484	510
10:00	7	6	2	0	15	8	19	3	2	30	15	3	4	0	22	0	40	27	3	67	5	134	139
10:15	7	4	2	0	13	8	30	8	2	46	19	9	11	0	39	1	44	20	1	65	3	163	166
10:30	7	5	0	1	12	6	15	0	0	21	11	10	4	0	25	2	51	29	4	82	5	140	145
10:45	5	7	1	1	13	16	31	5	1	52	5	7	9	1	21	1	62	38	1	101	4	187	191
Total	26	22	5	2	53	38	95	16	5	149	50	29	28	1	107	4	197	114	9	315	17	624	641
11:00	9	14	3	0	26	7	13	3	1	23	20	8	18	0	46	0	43	20	0	63	1	158	159
11:15	14	7	1	0	22	16	58	7	5	81	41	7	16	3	64	0	53	27	3	80	11	247	258
11:30	3	5	1	0	9	22	50	3	0	75	16	2	8	1	26	1	35	27	2	63	3	173	176
11:45	14	9	1	0	24	27	52	3	2	82	26	15	18	3	59	1	43	42	2	86	7	251	258
Total	40	35	6	0	81	72	173	16	8	261	103	32	60	7	195	2	174	116	7	292	22	829	851
12:00	7	1	1	1	9	52	73	5	0	130	29	9	29	2	67	0	54	50	1	104	4	310	314
12:15	11	14	4	0	29	36	59	5	0	100	39	8	16	1	63	3	42	38	1	83	2	275	277
12:30	4	5	1	1	10	21	52	6	1	79	7	9	13	1	29	1	57	35	2	93	5	211	216
12:45	5	4	0	0	9	20	40	5	2	65	23	4	11	1	38	1	55	28	3	84	6	196	202
Total	27	24	6	2	57	129	224	21	3	374	98	30	69	5	197	5	208	151	7	364	17	992	1009
13:00	5	7	4	1	16	13	31	3	2	47	9	6	5	1	20	0	53	28	2	81	6	164	170
13:15	4	3	1	0	8	7	29	1	2	37	12	7	7	2	26	0	31	30	1	61	5	132	137
13:30	6	6	0	2	12	18	20	6	1	44	24	11	14	0	49	1	45	28	1	74	4	179	183
13:45	11	9	0	0	20	20	40	3	2	63	16	12	31	3	59	2	39	28	0	69	5	211	216
Total	26	25	5	3	56	58	120	13	7	191	61	36	57	6	154	3	168	114	4	285	20	686	706
14:00	1	3	0	1	4	7	28	7	0	42	19	14	13	2	46	0	35	35	3	70	6	162	168
14:15	5	8	1	0	14	14	49	7	3	70	31	20	13	0	64	1	47	28	0	76	3	224	227
14:30	6	3	2	1	11	60	163	18	13	241	13	3	13	1	29	1	53	29	5	83	20	364	384
14:45	9	6	0	2	15	26	65	6	1	97	25	17	18	2	60	3	67	38	3	108	8	280	288
Total	21	20	3	4	44	107	305	38	17	450	88	54	57	5	199	5	202	130	11	337	37	1030	1067
15:00	7	7	4	1	18	50	107	17	10	174	18	16	23	2	57	3	52	36	1	91	14	340	354
15:15	11	8	0	2	19	61	114	22	3	197	27	30	38	1	95	0	45	35	2	80	8	391	399
15:30	7	9	3	1	19	34	120	13	1	167	38	23	27	7	88	4	62	31	2	97	11	371	382
15:45	25	19	0	1	44	45	79	24	3	148	57	36	29	6	122	6	52	33	2	91	12	405	417
Total	50	43	7	5	100	190	420	76	17	686	140	105	117	16	362	13	211	135	7	359	45	1507	1552
16:00	18	22	5	2	45	49	134	21	1	204	40	40	29	2	109	0	74	45	3	119	8	477	485
16:15	13	10	1	0	24	41	136	11	4	188	27	30	21	0	78	2	62	35	1	99	5	389	394
16:30	20	11	0	0	31	33	101	21	4	155	41	44	42	0	127	3	50	33	1	86	5	399	404
16:45	12	15	0	0	27	34	121	20	1	175	67	34	36	1	137	2	62	49	1	113	3	452	455
Total	63	58	6	2	127	157	492	73	10	722	175	148	128	3	451	7	248	162	6	417	21	1717	1738
17:00	11	11	1	0	23	52	143	17	2	212	49	27	26	0	102	1	69	46	0	116	2	453	455
17:15	15	9	1	0	25	46	137	18	2	201	49	39	45	1	133	1	94	53	0	148	3	507	510
17:30	28	23	1	0	52	42	106	13	1	161	48	41	34	1	123	1	79	52	1	132	3	468	471
17:45	19	14	0	0	33	59	86	12	2	157	36	28	28	0	92	2	88	44	1	134	3	416	419
Total	73	57	3	0	133	199	472	60	7	731	182	135	133	2	450	5	330	195	2	530	11	1844	1855
18:00	4	6	2	0	12	22	123	9	4	154	43	29	27	0	99	1	90	44	0	135	4	400	404
18:15	32	6	3	0	41	43	80	15	0	138	30	24	28	0	82	1	98	41	0	140	0	401	401
18:30	15	13	1	0	29	31	73	7	1	111	30	16	15	1	61	3	82	49	0	134	2	335	337
18:45	12	2	2	0	16	36	72	14	1	122	29	15	10	0	54	3	74	38	1	115	2	307	309
Total	63	27	8	0	98	132	348	45	6	525	132	84	80	1	296	8	344	172	1	524	8		

Anoka County Highway Department

Traffic Engineering Section
Traffic Volume and Turning Movement Study

File Name : TMC0911
Site Code : 09110202
Start Date : 5/28/2009
Page No : 2

Weather: Sunny and Warm
Counter: DB-400
Counted by: Jake/Laura

Groups Printed- Unshifted - Bank 1

Start Time	Crooked Lk. Blvd. Southbound					CSAH 11 Westbound					CSAH 18 Northbound					Northdale Blvd. Eastbound					Excl. 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			
19:00	4	7	0	1	11	23	40	16	1	79	8	17	7	0	32	5	35	40	0	80	2	202	204
19:15	6	2	2	0	10	20	48	17	1	85	29	20	51	0	100	0	32	58	0	90	1	285	286
19:30	4	7	0	0	11	39	59	10	3	108	25	18	22	1	65	1	51	26	0	78	4	262	266
19:45	7	2	3	0	12	20	17	6	0	43	26	13	25	1	64	0	24	19	1	43	2	162	164
Total	21	18	5	1	44	102	164	49	5	315	88	68	105	2	261	6	142	143	1	291	9	911	920
20:00	20	27	8	0	55	18	15	15	0	48	21	3	13	0	37	1	41	34	0	76	0	216	216
20:15	4	1	0	0	5	28	55	8	0	91	26	5	19	0	50	1	44	22	0	67	0	213	213
20:30	5	2	0	0	7	27	15	4	0	46	30	8	43	1	81	2	50	32	0	84	1	218	219
20:45	7	4	1	0	12	24	38	12	0	74	33	9	43	0	85	1	47	37	0	85	0	256	256
Total	36	34	9	0	79	97	123	39	0	259	110	25	118	1	253	5	182	125	0	312	1	903	904
21:00	8	4	0	0	12	39	52	14	0	105	15	8	25	0	48	1	44	25	0	70	0	235	235
21:15	7	2	0	0	9	19	33	3	0	55	17	5	20	0	42	0	38	24	0	62	0	168	168
21:30	1	4	0	0	5	16	19	5	0	40	5	9	13	1	27	0	21	21	0	42	1	114	115
21:45	0	2	0	0	2	7	12	4	0	23	6	5	22	0	33	1	31	15	0	47	0	105	105
Total	16	12	0	0	28	81	116	26	0	223	43	27	80	1	150	2	134	85	0	221	1	622	623
Grand Total	651	528	83	46	1262	1563	3396	518	130	5477	1412	856	1286	76	3554	86	3243	1945	107	5274	359	15567	15926
Apprch %	51.6	41.8	6.6			28.5	62	9.5			39.7	24.1	36.2			1.6	61.5	36.9					
Total %	4.2	3.4	0.5		8.1	10	21.8	3.3		35.2	9.1	5.5	8.3		22.8	0.6	20.8	12.5		33.9	2.3	97.7	
Unshifted	651	528	83		1308	1563	3396	518		5607	1412	856	1286		3630	86	3243	1945		5381	0	0	15926
% Unshifted	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0	0	100
Bank 1	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0
% Bank 1	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0

Start Time	Crooked Lk. Blvd. Southbound				CSAH 11 Westbound				CSAH 18 Northbound				Northdale Blvd. 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	18	10	2	30	12	24	3	39	7	1	16	24	2	97	33	132	225
07:15	28	16	3	47	17	15	3	35	8	6	28	42	0	103	27	130	254
07:30	24	16	0	40	17	22	3	42	2	7	23	32	0	95	21	116	230
07:45	16	8	1	25	24	20	2	46	7	5	15	27	0	50	29	79	177
Total Volume	86	50	6	142	70	81	11	162	24	19	82	125	2	345	110	457	866
% App. Total	60.6	35.2	4.2		43.2	50	6.8		19.2	15.2	65.6		0.4	75.5	24.1		
PHF	.768	.781	.500	.755	.729	.844	.917	.880	.750	.679	.732	.744	.250	.837	.833	.866	.872
Peak Hour Analysis From 12:00 to 21:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:45																	
16:45	12	15	0	27	34	121	20	175	67	34	36	137	2	62	49	113	452
17:00	11	11	1	23	52	143	17	212	49	27	26	102	1	69	46	116	453
17:15	15	9	1	25	46	137	18	201	49	39	45	133	1	94	53	148	507
17:30	28	23	1	52	42	106	13	161	48	41	34	123	1	79	52	132	468
Total Volume	66	58	3	127	174	507	68	749	213	141	141	495	5	304	200	509	1880
% App. Total	52	45.7	2.4		23.2	67.7	9.1		43	28.5	28.5		1	59.7	39.3		
PHF	.589	.630	.750	.611	.837	.886	.850	.883	.795	.860	.783	.903	.625	.809	.943	.860	.927

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

Study Name : TMC0911
Study Date : 06/23/09
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Eastbound: Northdale Blvd.
Number of Lanes: 2
Approach Speed: 45
Total Approach Volume: 5,274

Westbound: CSAH 11
Number of Lanes: 2
Approach Speed: 35
Total Approach Volume: 5,477

Minor Street Approaches

Northbound: CSAH 18
Number of Lanes: 2

Total Approach Volume: 3,554

Southbound: Crooked Lk. Blvd.
Number of Lanes: 2

Total Approach Volume: 1,262

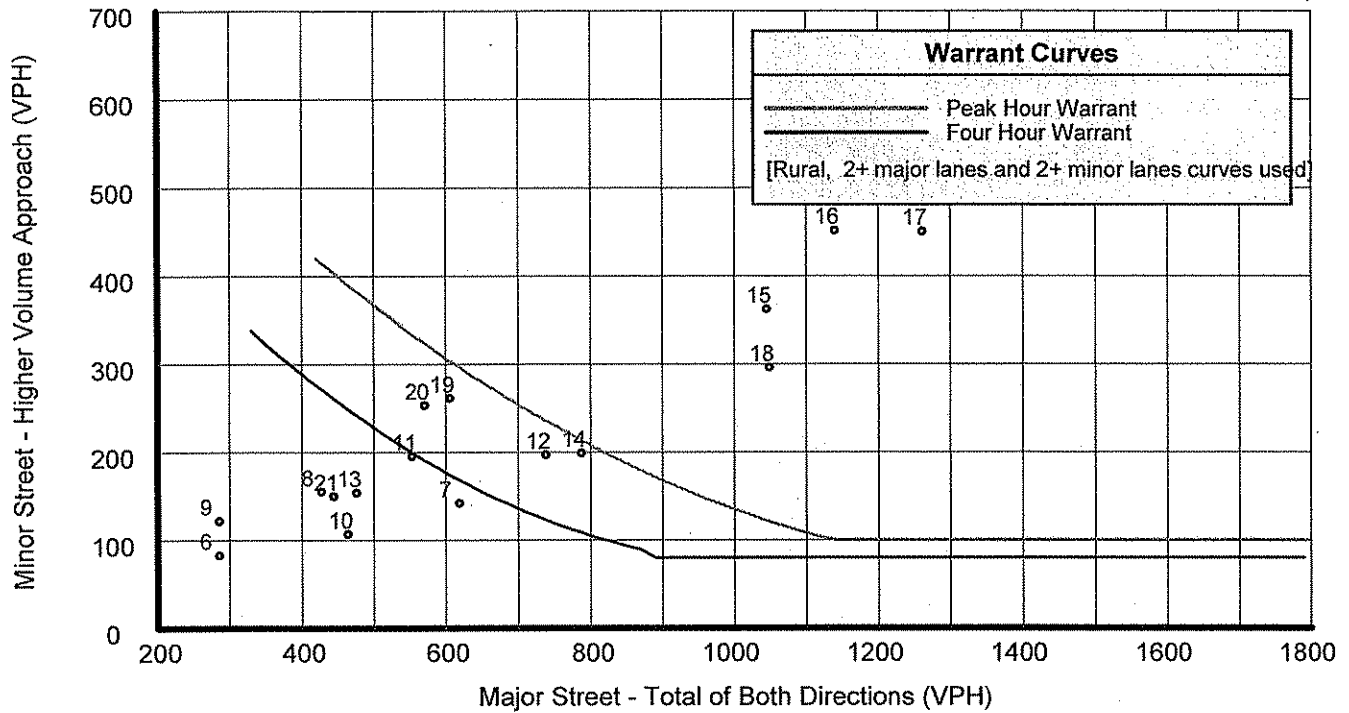
Warrant Summary (Rural values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Satisfied
Warrant 1A - Minimum Vehicular Volume	Satisfied
Required volumes reached for 13 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic	Not Satisfied
Required volumes reached for 6 hours, 8 are needed	
Warrant 1 A&B - Combination of Warrants	Satisfied
Required volumes reached for 10 hours, 8 are needed	
 Warrant 2 - Four Hour Volumes	 Satisfied
Number of hours (8) volumes exceed minimum >= minimum required (4).	
 Warrant 3 - Peak Hour	 Satisfied
Warrant 3A - Peak Hour Delay	Satisfied
Number of hours (34) 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 : TMC0911
Study Date : 06/23/09
Page No. : 2

Signal Warrants - Summary



Analysis of 8-Hour Volume Warrants:

Hour Begin	Major Total	Higher Minor		War-1A			War-1B			War-1A&B		
		Vol	Dir	Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
00:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
01:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
02:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
03:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
04:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
05:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
06:00	286	83	SB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-No	---
07:00	619	142	SB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
08:00	427	155	NB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-No	112-Yes	Minor
09:00	286	122	NB	420-No	140-No	---	630-No	70-Yes	Minor	504-No	112-Yes	Minor
10:00	464	107	NB	420-Yes	140-No	Major	630-No	70-Yes	Minor	504-No	112-No	---
11:00	553	195	NB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
12:00	738	197	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
13:00	476	154	NB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-No	112-Yes	Minor
14:00	787	199	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
15:00	1,045	362	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
16:00	1,139	451	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
17:00	1,261	450	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
18:00	1,049	296	NB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
19:00	606	261	NB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
20:00	571	253	NB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-Yes	112-Yes	Both
21:00	444	150	NB	420-Yes	140-Yes	Both	630-No	70-Yes	Minor	504-No	112-Yes	Minor
22:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
23:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---

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

Study Name : TMC0911
Study Date : 06/23/09
Page No. : 1

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: Northdale Blvd.
Total Approach Volume: 5,274
Approach Speed: 45

Westbound: CSAH 11
Total Approach Volume: 5,477
Approach Speed: 35

Minor Street Approaches

Northbound: CSAH 18
Total Approach Volume: 3,554

Southbound: Crooked Lk. Blvd.
Total Approach Volume: 1,262

Warrant Summary

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

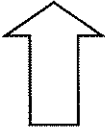
Criteria B - Crash Experience Not Evaluated

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	286	160	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:00 - 08:00	619	267	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:00 - 09:00	427	216	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
09:00 - 10:00	286	198	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
10:00 - 11:00	464	160	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
11:00 - 12:00	553	276	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
12:00 - 13:00	738	254	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
13:00 - 14:00	476	210	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
14:00 - 15:00	787	243	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:00 - 16:00	1,045	462	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:00 - 17:00	1,139	578	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:00 - 18:00	1,261	583	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:00 - 19:00	1,049	394	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
19:00 - 20:00	606	305	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
20:00 - 21:00	571	332	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
21:00 - 22:00	444	178	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
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
00:30 - 01:30	0	0	210-No	140-No	No	240-No	160-No	No
00:45 - 01:45	0	0	210-No	140-No	No	240-No	160-No	No
01:00 - 02:00	0	0	210-No	140-No	No	240-No	160-No	No
01:15 - 02:15	0	0	210-No	140-No	No	240-No	160-No	No
01:30 - 02:30	0	0	210-No	140-No	No	240-No	160-No	No
01:45 - 02:45	0	0	210-No	140-No	No	240-No	160-No	No



NORTH

APP. #1 = Northdale Blvd.

APP. #2 = Crooked Lk. Blvd.

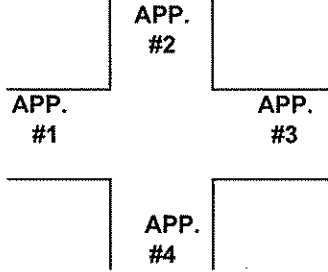
APP. #3 = CSAH 11

APP. #4 = CSAH 18

COUNT LOCATION:

CSAH 11 (Northdale Blvd.)
 @ CSAH 18 (Crooked Lk. Blvd.)

DATE: 5/29/2009



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

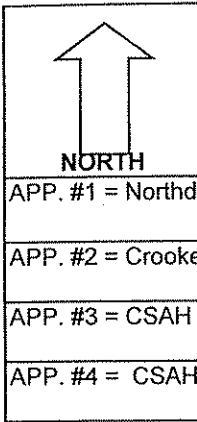
A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.

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	2		2
6:15-6:30				1	1	3		3
6:30-6:45				1	1	2		6
6:45-7:00						3		10
HOURLY TOTAL					3	HOURLY TOTAL		31
7:00-7:15			1		1	1		4
7:15-7:30			3		3	3		15
7:30-7:45			1		1	2		8
7:45-8:00								11
HOURLY TOTAL					5	HOURLY TOTAL		44
8:00-8:15						6		12
8:15-8:30						3		7
8:30-8:45						1		8
8:45-9:00			3		3	5		4
HOURLY TOTAL					3	HOURLY TOTAL		46
9:00-9:15			3		3	4		7
9:15-9:30						4		3
9:30-9:45						5		1
9:45-10:00						1		1
HOURLY TOTAL					3	HOURLY TOTAL		26
10:00-10:15						4		1
10:15-10:30						2		2
10:30-10:45	3		3		6	4		1
10:45-11:00						1		3
HOURLY TOTAL					6	HOURLY TOTAL		18
11:00-11:15								1
11:15-11:30		1			1	6		5
11:30-11:45						3		3
11:45-12:00						3		1
HOURLY TOTAL					1	HOURLY TOTAL		22
12:00-12:15		1			1	4		
12:15-12:30						2		
12:30-12:45						3		2
12:45-1:00						6		
HOURLY TOTAL					1	HOURLY TOTAL		17
1:00-1:15						3		1
1:15-1:30						3		2
1:30-1:45						2		2
1:45-2:00						4		2
HOURLY TOTAL						HOURLY TOTAL		19
					TOTAL	22		
							TOTAL	223

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COUNT LOCATION:

CSAH 11 (Northdale Blvd.)

DATE:

5/26/2008

@ CSAH 18 (Crooked Lk. Blvd.)

APP. #2

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.

APP. #1

APP. #3

APP. #4

TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
2:00-2:15PM		1			1	2		4
2:15-2:30				5	5	1		2
2:30-2:45		1			1	2		17
2:45-3:00						2		6
HOURLY TOTAL					7	HOURLY TOTAL		36
3:00-3:15		1	1	6	8	2		13
3:15-3:30				5	5	2		5
3:30-3:45			3	1	4	1		6
3:45-4:00	2	1	5		8	1		12
HOURLY TOTAL					25	HOURLY TOTAL		42
4:00-4:15		2	10	1	13	2		7
4:15-4:30						1		4
4:30-4:45						1		4
4:45-5:00								2
HOURLY TOTAL					13	HOURLY TOTAL		21
5:00-5:15		1			1			2
5:15-5:30						1		2
5:30-5:45						1		2
5:45-6:00						1		2
HOURLY TOTAL					1	HOURLY TOTAL		11
6:00-6:15						1		3
6:15-6:30								
6:30-6:45							1	1
6:45-7:00						1		1
HOURLY TOTAL						HOURLY TOTAL		8
7:00-7:15						1		
7:15-7:30						1		
7:30-7:45						1		
7:45-8:00						1		
HOURLY TOTAL						HOURLY TOTAL		4
8:00-8:15								
8:15-8:30								
8:30-8:45								
8:45-9:00			1		1			
HOURLY TOTAL					1	HOURLY TOTAL		
9:00-9:15								
9:15-9:30								
9:30-9:45						1		
9:45-10:00								
HOURLY TOTAL						HOURLY TOTAL		1
TOTAL					69	TOTAL		346

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