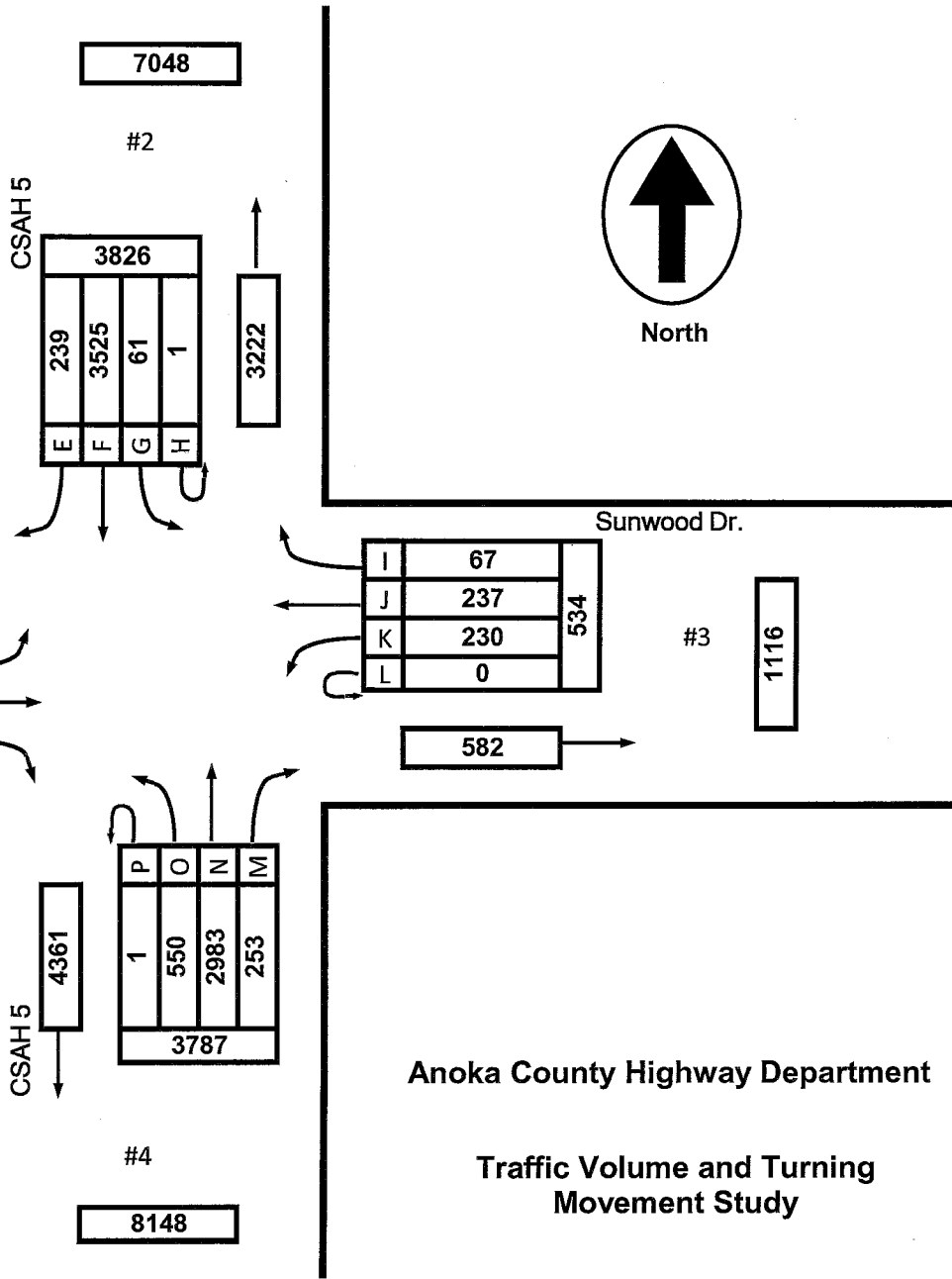
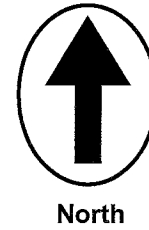


Date : 05/27/21

Count Number : TMC 2103

Location : CSAH 5 (Nowthen Blvd)
@ Sunwood Dr

Collection Period : 24 HOURS



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

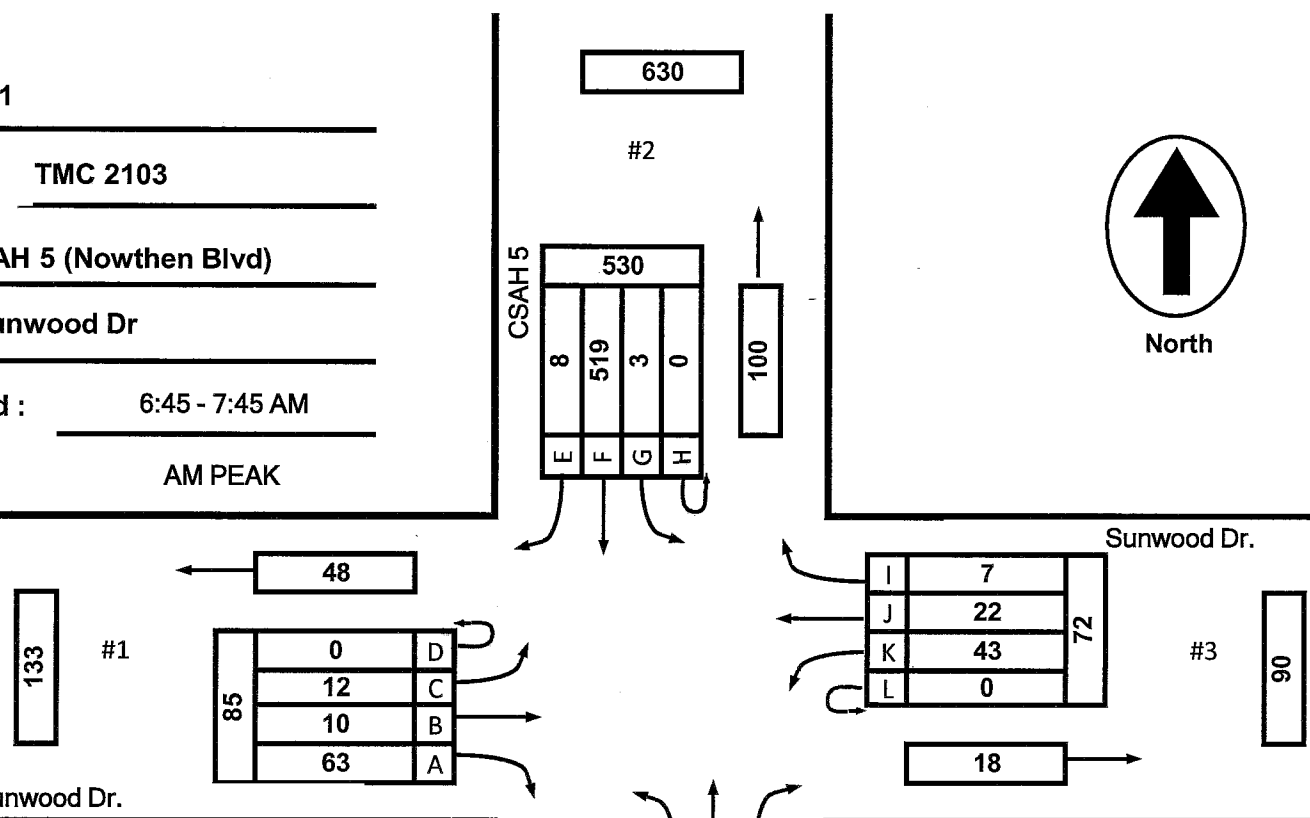
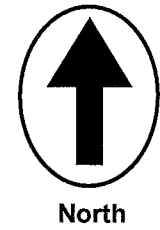
Anoka County Highway Department
 Traffic Volume and Turning Movement Study

Date : 05/27/21

Count Number : TMC 2103

Location : CSAH 5 (Nowthen Blvd)
@ Sunwood Dr

Collection Period : 6:45 - 7:45 AM
AM PEAK



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

Anoka County Highway Department
 Traffic Volume and Turning Movement Study

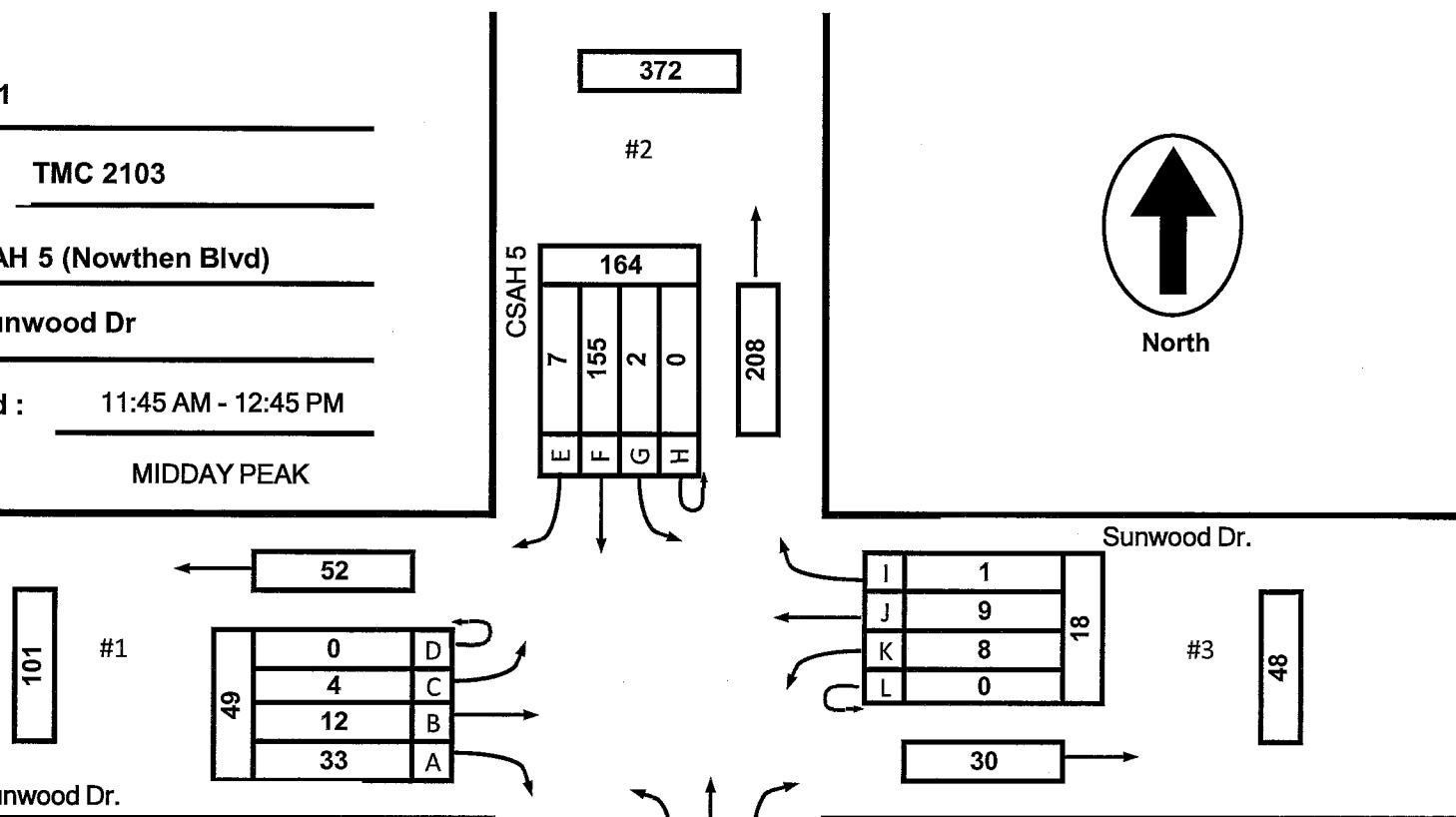
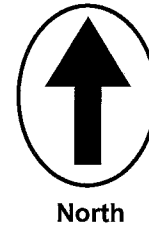
Date : 05/27/21

Count Number : TMC 2103

Location : CSAH 5 (Nowthen Blvd)
@ Sunwood Dr

Collection Period : 11:45 AM - 12:45 PM

MIDDAY PEAK



101

#1

0	D
4	C
12	B
33	A

Sunwood Dr.

372

#2

7	155	2	0
E	F	G	H

CSAH 5

208

Sunwood Dr.

1	I
9	J
8	K
0	L

#3

48

30

197

1	P
36	O
203	N
16	M

CSAH 5

#4

453

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

Anoka County Highway Department

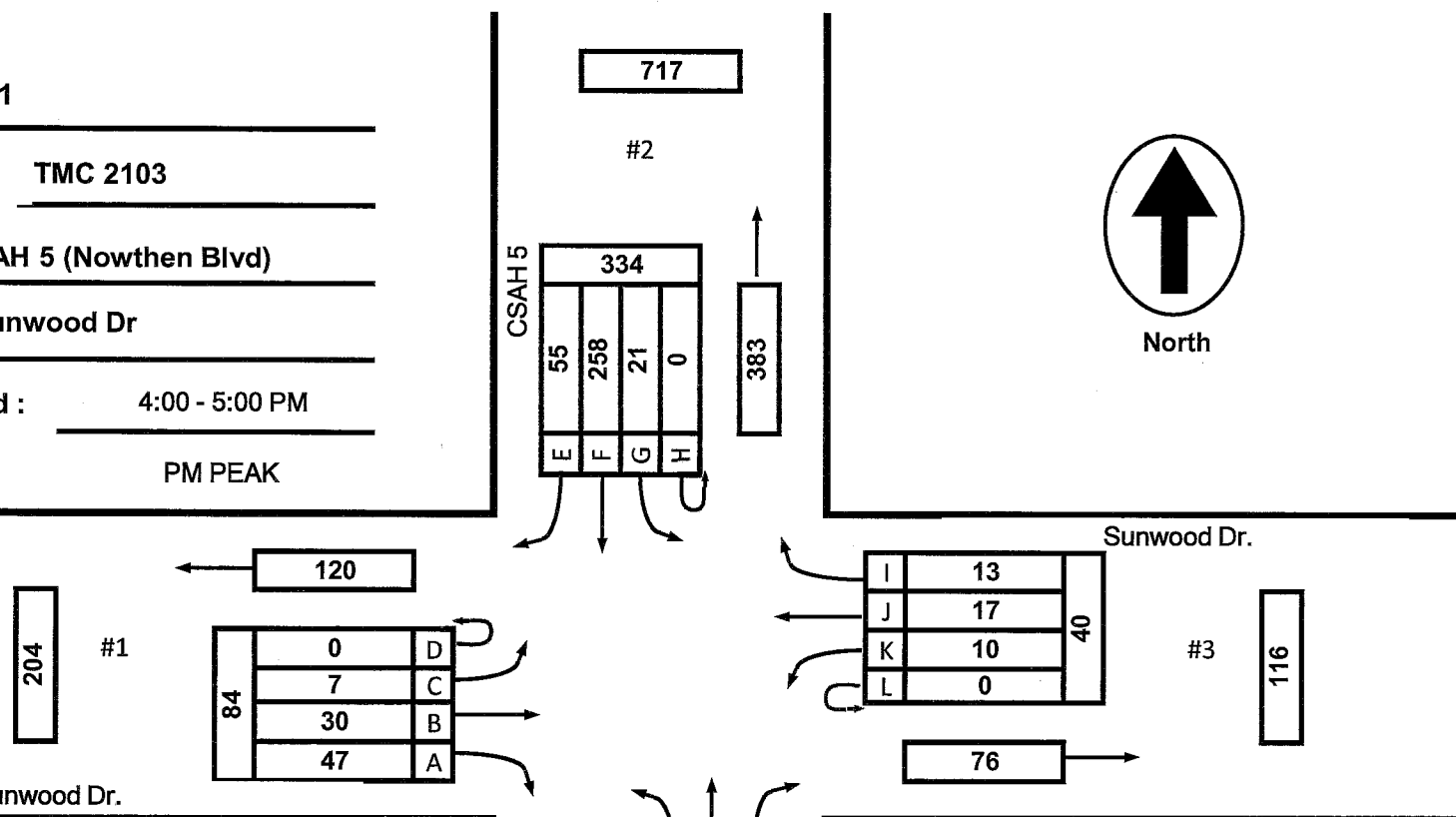
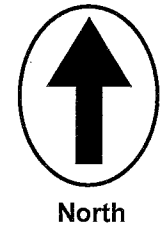
Traffic Volume and Turning Movement Study

Date : 05/27/21

Count Number : TMC 2103

Location : CSAH 5 (Nowthen Blvd)
@ Sunwood Dr

Collection Period : 4:00 - 5:00 PM
 PM PEAK



#1

204

120

84	0	D
	7	C
	30	B
	47	A

#2

717

334
55
258
21
0

E F G H

383

#3

116

40	13
	17
	10
	0

I J K L

76

#4

751

315

436	0	48	363	25
	P	O	N	M

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

Weather: Cool & Rainy
 CountCAM 2
 Study Conducted By: Matt

File Name : TMC 2103
 Site Code :
 Start Date : 5/27/2021
 Page No : 1

Groups Printed- Cars + - Trucks

Start Time	CSAH 5 (Nowthen Blvd.) Southbound						Sunwood Dr. Westbound						CSAH 5 (Nowthen Blvd.) Northbound						Sunwood Dr. Eastbound						Exclu. Total	Inclu. Total	Int. Total	
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total				
00:00	0	0	2	0	0	2	0	0	0	0	0	0	0	3	6	0	0	9	0	0	0	0	0	0	0	0	11	11
00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	0	5	0	0	1	1	0	2	0	0	7	7
00:30	0	0	4	0	0	4	0	0	1	0	0	1	0	2	1	0	0	3	0	0	1	0	0	1	0	0	9	9
00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	6	0	0	0	0	0	0	0	0	6	6
Total	0	0	6	0	0	6	0	0	1	0	0	1	0	6	15	2	0	23	0	0	2	1	0	3	0	33	33	
01:00	0	0	1	0	0	1	0	2	0	0	0	2	0	0	2	0	0	2	0	0	0	1	0	1	0	0	6	6
01:15	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	0	1	0	0	5	5
01:30	0	0	1	0	0	1	0	1	1	0	0	2	0	0	2	1	0	3	0	0	0	1	0	1	0	0	7	7
01:45	0	0	4	0	0	4	0	0	0	0	0	0	0	0	1	6	0	7	0	0	1	1	0	2	0	0	13	13
Total	0	0	8	0	0	8	0	3	1	0	0	4	0	1	12	1	0	14	0	0	2	3	0	5	0	31	31	
02:00	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	1	0	0	0	1	0	0	4	4
02:30	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	1	0	0	5	5
02:45	0	0	2	0	0	2	0	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	4	4
Total	0	0	5	0	0	5	0	1	0	0	0	1	0	0	6	0	0	6	0	1	0	1	0	2	0	14	14	
03:00	0	0	2	0	0	2	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	4	4
03:15	0	0	3	0	0	3	0	1	1	0	0	2	0	1	0	1	0	2	0	0	0	1	0	1	0	0	8	8
03:30	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	3	3
03:45	0	0	7	0	0	7	0	2	0	0	0	2	0	1	1	0	0	2	0	0	0	2	0	2	0	0	13	13
Total	0	0	13	0	0	13	0	3	2	0	0	5	0	3	2	1	0	6	0	0	0	4	0	4	0	28	28	
04:00	0	0	5	0	0	5	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	3	0	4	0	0	11	11
04:15	0	0	6	0	0	6	0	2	1	0	0	3	0	0	0	1	0	1	0	1	0	2	0	3	0	0	13	13
04:30	0	0	13	0	0	13	0	1	2	1	0	4	0	1	1	0	0	2	0	0	1	4	0	5	0	0	24	24
04:45	0	0	16	0	0	16	0	3	1	0	0	4	0	0	2	0	0	2	0	0	0	1	0	1	0	0	23	23
Total	0	0	40	0	0	40	0	7	4	1	0	12	0	1	4	1	0	6	0	1	2	10	0	13	0	71	71	
05:00	0	0	25	0	0	25	0	2	3	0	0	5	0	1	2	0	0	3	0	0	0	5	0	5	0	0	38	38
05:15	0	0	33	1	0	34	0	1	1	0	0	2	0	0	3	0	0	3	0	0	1	4	0	5	0	0	44	44
05:30	0	0	54	0	0	54	0	2	3	0	0	5	0	1	4	1	0	6	0	0	1	9	0	10	0	0	75	75
05:45	0	0	60	0	0	60	0	5	0	0	0	5	0	0	3	0	0	3	0	0	0	10	0	10	0	0	78	78
Total	0	0	172	1	0	173	0	10	7	0	0	17	0	2	12	1	0	15	0	0	2	28	0	30	0	235	235	
06:00	0	0	62	0	0	62	0	7	2	1	0	10	0	3	10	4	2	17	0	1	0	6	0	7	2	0	96	98
06:15	0	0	85	0	0	85	0	3	5	0	0	8	0	1	12	0	0	13	0	5	2	8	0	15	0	0	121	121
06:30	0	0	83	0	0	83	0	5	3	0	0	8	0	2	13	0	0	15	0	2	4	13	0	19	0	0	125	125



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Cool & Rainy
 CountCAM 2
 Study Conducted By: Matt

File Name : TMC 2103
 Site Code :
 Start Date : 5/27/2021
 Page No : 2

Groups Printed- Cars + - Trucks

Start Time	CSAH 5 (Nowthen Blvd.) Southbound						Sunwood Dr. Westbound						CSAH 5 (Nowthen Blvd.) Northbound						Sunwood Dr. Eastbound						Exclu. Total	Inclu. Total	Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total			
06:45	0	0	96	3	0	99	0	7	7	2	0	16	0	3	19	0	0	22	0	3	1	19	0	23	0	160	160
Total	0	0	326	3	0	329	0	22	17	3	0	42	0	9	54	4	2	67	0	11	7	46	0	64	2	502	504
07:00	0	2	119	2	0	123	0	8	5	2	1	15	0	5	21	1	0	27	0	1	5	14	0	20	1	185	186
07:15	0	1	185	1	0	187	0	18	4	2	0	24	0	5	20	3	0	28	0	4	2	17	0	23	0	262	262
07:30	0	0	119	2	0	121	0	10	6	1	0	17	0	5	21	1	0	27	0	4	2	13	0	19	0	184	184
07:45	0	2	89	0	1	91	0	5	7	0	1	12	0	2	30	0	0	32	0	3	3	13	0	19	2	154	156
Total	0	5	512	5	1	522	0	41	22	5	2	68	0	17	92	5	0	114	0	12	12	57	0	81	3	785	788
08:00	0	0	73	8	0	81	0	4	4	2	0	10	0	4	28	2	0	34	0	1	3	12	0	16	0	141	141
08:15	0	0	67	3	0	70	0	4	0	2	0	6	0	4	50	4	0	58	0	2	2	17	0	21	0	155	155
08:30	0	1	45	3	0	49	0	2	5	0	0	7	0	7	30	2	0	39	0	5	2	8	0	15	0	110	110
08:45	0	0	58	3	0	61	0	2	5	1	0	8	0	5	37	2	0	44	0	1	2	4	0	7	0	120	120
Total	0	1	243	17	0	261	0	12	14	5	0	31	0	20	145	10	0	175	0	9	9	41	0	59	0	526	526
09:00	0	1	59	10	0	70	0	4	2	5	0	11	0	7	37	1	0	45	0	21	1	8	0	30	0	156	156
09:15	0	6	102	30	0	138	0	4	0	4	0	8	0	4	30	3	0	37	0	12	1	10	0	23	0	206	206
09:30	0	2	62	3	0	67	0	1	4	1	0	6	0	6	20	4	0	30	0	5	7	8	0	20	0	123	123
09:45	0	0	58	1	0	59	0	4	1	1	0	6	0	3	33	3	0	39	0	1	5	13	0	19	0	123	123
Total	0	9	281	44	0	334	0	13	7	11	0	31	0	20	120	11	0	151	0	39	14	39	0	92	0	608	608
10:00	0	0	51	1	0	52	0	4	4	0	0	8	0	10	28	4	0	42	0	2	4	8	0	14	0	116	116
10:15	0	1	51	1	0	53	0	0	3	0	0	3	0	4	26	1	0	31	0	1	3	11	0	15	0	102	102
10:30	0	0	46	3	0	49	0	2	4	0	0	6	0	5	24	2	0	31	0	0	3	10	0	13	0	99	99
10:45	0	0	41	3	0	44	0	1	3	1	0	5	0	13	32	2	0	47	0	1	0	8	0	9	0	105	105
Total	0	1	189	8	0	198	0	7	14	1	0	22	0	32	110	9	0	151	0	4	10	37	0	51	0	422	422
11:00	0	0	46	1	0	47	0	2	4	0	0	6	0	8	39	1	0	48	0	2	5	7	0	14	0	115	115
11:15	0	0	32	2	0	34	0	1	0	2	1	3	0	2	34	1	0	37	0	2	2	6	1	10	2	84	86
11:30	0	1	34	3	0	38	0	2	1	2	0	5	0	8	42	2	0	52	0	0	0	11	0	11	0	106	106
11:45	0	0	41	3	0	44	0	2	2	0	0	4	0	7	64	3	0	74	0	2	6	10	0	18	0	140	140
Total	0	1	153	9	0	163	0	7	7	4	1	18	0	25	179	7	0	211	0	6	13	34	1	53	2	445	447
12:00	0	1	31	0	0	32	0	1	2	0	1	3	0	12	51	9	0	72	0	0	2	10	0	12	1	119	120
12:15	0	1	39	1	0	41	0	3	2	0	0	5	1	8	40	3	0	52	0	1	1	2	0	4	0	102	102
12:30	0	0	44	3	0	47	0	2	3	1	0	6	0	9	48	1	0	58	0	1	3	11	0	15	0	126	126
12:45	0	0	44	1	1	45	0	3	6	0	0	9	0	2	36	3	0	41	1	0	3	10	1	14	2	109	111
Total	0	2	158	5	1	165	0	9	13	1	1	23	1	31	175	16	0	223	1	2	9	33	1	45	3	456	459
13:00	0	2	25	1	0	28	0	1	0	1	0	2	0	6	36	3	0	45	0	3	3	5	0	11	0	86	86
13:15	0	1	32	2	0	35	0	2	7	1	0	10	0	12	39	2	0	53	0	2	5	6	0	13	0	111	111



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Cool & Rainy
 CountCAM 2
 Study Conducted By: Matt

File Name : TMC 2103
 Site Code :
 Start Date : 5/27/2021
 Page No : 3

Groups Printed- Cars + - Trucks

Start Time	CSAH 5 (Nowthen Blvd.) Southbound						Sunwood Dr. Westbound						CSAH 5 (Nowthen Blvd.) Northbound						Sunwood Dr. Eastbound						Exclu. Total	Inclu. Total	Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total			
13:30	0	0	25	2	0	27	0	2	3	0	0	5	0	6	45	2	0	53	0	1	4	6	1	11	1	96	97
13:45	0	1	43	1	0	45	0	2	1	3	0	6	0	6	39	5	0	50	0	3	2	9	0	14	0	115	115
Total	0	4	125	6	0	135	0	7	11	5	0	23	0	30	159	12	0	201	0	9	14	26	1	49	1	408	409
14:00	0	1	44	2	0	47	0	0	6	2	0	8	0	8	40	5	0	53	0	1	5	8	0	14	0	122	122
14:15	0	0	42	4	0	46	0	0	6	1	0	7	0	13	59	1	0	73	0	0	2	10	0	12	0	138	138
14:30	0	0	50	2	0	52	0	6	3	0	0	9	0	12	50	2	0	64	0	4	5	5	0	14	0	139	139
14:45	0	2	55	3	0	60	0	3	2	0	1	5	0	13	61	3	0	77	0	2	6	5	0	13	1	155	156
Total	0	3	191	11	0	205	0	9	17	3	1	29	0	46	210	11	0	267	0	7	18	28	0	53	1	554	555
15:00	0	1	41	9	1	51	0	3	7	0	0	10	0	10	75	7	0	92	0	6	12	2	0	20	1	173	174
15:15	0	1	53	3	0	57	0	5	1	1	0	7	0	17	84	7	0	108	0	9	4	9	0	22	0	194	194
15:30	0	1	48	7	0	56	0	1	1	0	1	2	0	7	73	7	0	87	0	9	8	15	0	32	1	177	178
15:45	1	2	52	7	1	62	0	2	1	1	0	4	0	9	76	10	0	95	0	4	7	9	0	20	1	181	182
Total	1	5	194	26	2	226	0	11	10	2	1	23	0	43	308	31	0	382	0	28	31	35	0	94	3	725	728
16:00	0	14	93	41	1	148	0	3	3	4	1	10	0	14	91	2	0	107	0	1	3	15	0	19	2	284	286
16:15	0	0	66	10	0	76	0	2	5	4	1	11	0	9	85	5	0	99	0	3	5	12	0	20	1	206	207
16:30	0	4	58	2	0	64	0	1	3	4	0	8	0	13	94	5	0	112	0	3	9	9	1	21	1	205	206
16:45	0	3	41	2	0	46	0	4	6	1	0	11	0	12	93	13	0	118	0	0	13	11	0	24	0	199	199
Total	0	21	258	55	1	334	0	10	17	13	2	40	0	48	363	25	0	436	0	7	30	47	1	84	4	894	898
17:00	0	0	56	4	0	60	0	2	8	0	0	10	0	14	83	5	0	102	0	6	6	13	0	25	0	197	197
17:15	0	2	59	7	0	68	0	6	5	3	0	14	0	16	91	17	0	124	0	2	10	9	0	21	0	227	227
17:30	0	0	54	6	0	60	0	6	7	0	0	13	0	17	82	9	0	108	0	2	5	9	0	16	0	197	197
17:45	0	2	60	2	0	64	0	2	3	0	0	5	0	18	66	4	0	88	0	2	3	6	0	11	0	168	168
Total	0	4	229	19	0	252	0	16	23	3	0	42	0	65	322	35	0	422	0	12	24	37	0	73	0	789	789
18:00	0	1	35	3	0	39	0	4	11	2	0	17	0	15	62	6	0	83	0	0	3	5	0	8	0	147	147
18:15	0	0	26	3	0	29	0	2	2	1	1	5	0	9	83	7	0	99	0	1	4	6	0	11	1	144	145
18:30	0	0	39	2	0	41	0	6	1	1	0	8	0	12	40	3	0	55	0	1	5	4	0	10	0	114	114
18:45	0	0	39	0	0	39	0	7	3	0	0	10	0	8	43	7	0	58	0	0	0	10	0	10	0	117	117
Total	0	1	139	8	0	148	0	19	17	4	1	40	0	44	228	23	0	295	0	2	12	25	0	39	1	522	523
19:00	0	1	35	3	0	39	0	2	5	1	0	8	0	8	57	4	0	69	0	3	6	3	0	12	0	128	128
19:15	0	0	32	3	0	35	0	1	2	1	0	4	0	6	29	2	0	37	0	1	1	8	0	10	0	86	86
19:30	0	0	25	2	1	27	0	2	2	0	1	4	0	14	50	5	0	69	0	2	5	4	0	11	2	111	113
19:45	0	0	22	0	0	22	0	0	3	0	0	3	0	6	33	2	0	41	0	1	7	5	0	13	0	79	79
Total	0	1	114	8	1	123	0	5	12	2	1	19	0	34	169	13	0	216	0	7	19	20	0	46	2	404	406
20:00	0	0	23	0	0	23	0	1	5	1	0	7	0	4	31	5	0	40	0	2	8	6	0	16	0	86	86



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Cool & Rainy
 CountCAM 2
 Study Conducted By: Matt

File Name : TMC 2103
 Site Code :
 Start Date : 5/27/2021
 Page No : 4

Groups Printed- Cars + - Trucks

Start Time	CSAH 5 (Nowthen Blvd.) Southbound						Sunwood Dr. Westbound						CSAH 5 (Nowthen Blvd.) Northbound						Sunwood Dr. Eastbound						Exclu. Total	Inclu. Total	Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total			
20:15	0	1	25	2	0	28	0	2	1	1	1	4	0	6	33	2	0	41	0	0	4	6	0	10	1	83	84
20:30	0	0	26	1	0	27	0	1	0	0	0	1	0	9	26	3	0	38	0	1	3	5	0	9	0	75	75
20:45	0	0	12	4	0	16	0	2	0	0	0	2	0	10	32	1	0	43	0	1	3	5	0	9	0	70	70
Total	0	1	86	7	0	94	0	6	6	2	1	14	0	29	122	11	0	162	0	4	18	22	0	44	1	314	315
21:00	0	2	10	2	0	14	0	3	3	1	1	7	0	9	22	1	1	32	0	1	2	6	0	9	2	62	64
21:15	0	0	12	1	0	13	0	0	1	1	0	2	0	6	36	2	0	44	0	1	4	9	0	14	0	73	73
21:30	0	0	11	1	0	12	0	3	2	0	0	5	0	11	29	4	0	44	0	0	2	5	0	7	0	68	68
21:45	0	0	14	1	0	15	0	0	1	0	0	1	0	4	17	2	0	23	0	2	5	1	0	8	0	47	47
Total	0	2	47	5	0	54	0	6	7	2	1	15	0	30	104	9	1	143	0	4	13	21	0	38	2	250	252
22:00	0	0	9	1	0	10	0	1	0	0	0	1	0	3	14	5	0	22	0	0	1	1	0	2	0	35	35
22:15	0	0	5	0	0	5	0	2	2	0	0	4	0	4	17	1	0	22	0	4	1	0	0	5	0	36	36
22:30	0	0	8	1	0	9	0	1	5	0	0	6	0	1	7	4	0	12	0	0	3	5	0	8	0	35	35
22:45	0	0	3	0	0	3	0	0	1	0	0	1	0	1	7	1	0	9	0	1	1	0	0	2	0	15	15
Total	0	0	25	2	0	27	0	4	8	0	0	12	0	9	45	11	0	65	0	5	6	6	0	17	0	121	121
23:00	0	0	2	0	0	2	0	0	0	0	0	0	0	3	12	2	0	17	0	0	0	0	0	0	0	19	19
23:15	0	0	1	0	0	1	0	1	0	0	0	1	0	0	7	1	0	8	0	0	1	1	0	2	0	12	12
23:30	0	0	4	0	0	4	0	0	0	0	0	0	0	2	7	0	0	9	0	1	0	1	0	2	0	15	15
23:45	0	0	4	0	0	4	0	1	0	0	0	1	0	0	1	1	0	2	0	0	0	2	0	2	0	9	9
Total	0	0	11	0	0	11	0	2	0	0	0	2	0	5	27	4	0	36	0	1	1	4	0	6	0	55	55
Grand Total	1	61	3525	239	6	3826	0	230	237	67	12	534	1	550	2983	253	3	3787	1	171	268	605	4	1045	25	9192	9217
Approch %	0	1.6	92.1	6.2			0	43.1	44.4	12.5			0	14.5	78.8	6.7			0.1	16.4	25.6	57.9					
Total %	0	0.7	38.3	2.6		41.6	0	2.5	2.6	0.7		5.8	0	6	32.5	2.8		41.2	0	1.9	2.9	6.6		11.4	0.3	99.7	
Cars +	1	56	3394	226		3683	0	223	233	65		533	1	538	2865	244		3651	1	165	264	595		1029	0	0	8896
% Cars +	100	91.8	96.3	94.6	100	96.1	0	97	98.3	97	100	97.6	100	97.8	96	96.4	100	96.3	100	96.5	98.5	98.3	100	98.1	0	0	96.5
Trucks	0	5	131	13		149	0	7	4	2		13	0	12	118	9		139	0	6	4	10		20	0	0	321
% Trucks	0	8.2	3.7	5.4	0	3.9	0	3	1.7	3	0	2.4	0	2.2	4	3.6	0	3.7	0	3.5	1.5	1.7	0	1.9	0	0	3.5



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Cool & Rainy
 CountCAM 2
 Study Conducted By: Matt

File Name : TMC 2103
 Site Code :
 Start Date : 5/27/2021
 Page No : 5

Start Time	CSAH 5 (Nowthen Blvd.) Southbound					Sunwood Dr. Westbound					CSAH 5 (Nowthen Blvd.) Northbound					Sunwood Dr. Eastbound					Int. Total
	UTrn	Left	Thru	Right	App. Total	UTrn	Left	Thru	Right	App. Total	UTrn	Left	Thru	Right	App. Total	UTrn	Left	Thru	Right	App. Total	
Peak Hour Analysis From 00:00 to 09:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:45																					
06:45	0	0	96	3	99	0	7	7	2	16	0	3	19	0	22	0	3	1	19	23	160
07:00	0	2	119	2	123	0	8	5	2	15	0	5	21	1	27	0	1	5	14	20	185
07:15	0	1	185	1	187	0	18	4	2	24	0	5	20	3	28	0	4	2	17	23	262
07:30	0	0	119	2	121	0	10	6	1	17	0	5	21	1	27	0	4	2	13	19	184
Total Volume	0	3	519	8	530	0	43	22	7	72	0	18	81	5	104	0	12	10	63	85	791
% App. Total	0	0.6	97.9	1.5		0	59.7	30.6	9.7		0	17.3	77.9	4.8		0	14.1	11.8	74.1		
PHF	.000	.375	.701	.667	.709	.000	.597	.786	.875	.750	.000	.900	.964	.417	.929	.000	.750	.500	.829	.924	.755
Peak Hour Analysis From 10:00 to 13:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:45																					
11:45	0	0	41	3	44	0	2	2	0	4	0	7	64	3	74	0	2	6	10	18	140
12:00	0	1	31	0	32	0	1	2	0	3	0	12	51	9	72	0	0	2	10	12	119
12:15	0	1	39	1	41	0	3	2	0	5	1	8	40	3	52	0	1	1	2	4	102
12:30	0	0	44	3	47	0	2	3	1	6	0	9	48	1	58	0	1	3	11	15	126
Total Volume	0	2	155	7	164	0	8	9	1	18	1	36	203	16	256	0	4	12	33	49	487
% App. Total	0	1.2	94.5	4.3		0	44.4	50	5.6		0.4	14.1	79.3	6.2		0	8.2	24.5	67.3		
PHF	.000	.500	.881	.583	.872	.000	.667	.750	.250	.750	.250	.750	.793	.444	.865	.000	.500	.500	.750	.681	.870
Peak Hour Analysis From 14:00 to 23:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:00																					
16:00	0	14	93	41	148	0	3	3	4	10	0	14	91	2	107	0	1	3	15	19	284
16:15	0	0	66	10	76	0	2	5	4	11	0	9	85	5	99	0	3	5	12	20	206
16:30	0	4	58	2	64	0	1	3	4	8	0	13	94	5	112	0	3	9	9	21	205
16:45	0	3	41	2	46	0	4	6	1	11	0	12	93	13	118	0	0	13	11	24	199
Total Volume	0	21	258	55	334	0	10	17	13	40	0	48	363	25	436	0	7	30	47	84	894
% App. Total	0	6.3	77.2	16.5		0	25	42.5	32.5		0	11	83.3	5.7		0	8.3	35.7	56		
PHF	.000	.375	.694	.335	.564	.000	.625	.708	.813	.909	.000	.857	.965	.481	.924	.000	.583	.577	.783	.875	.787



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Cool & Rainy
 CountCAM 2
 Study Conducted By: Matt

File Name : TMC 2103
 Site Code :
 Start Date : 5/27/2021
 Page No : 1

Groups Printed- Trucks

Start Time	CSAH 5 (Nowthen Blvd.) Southbound					Sunwood Dr. Westbound					CSAH 5 (Nowthen Blvd.) Northbound					Sunwood Dr. Eastbound					Int. Total	
	UTrn	Left	Thru	Right	App. Total	UTrn	Left	Thru	Right	App. Total	UTrn	Left	Thru	Right	App. Total	UTrn	Left	Thru	Right	App. Total		
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2
Total	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
06:00	0	0	5	0	5	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	7
06:15	0	0	3	0	3	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	7
06:30	0	0	1	0	1	0	1	0	0	1	0	2	1	0	3	0	0	0	0	0	0	5
06:45	0	0	5	0	5	0	0	0	0	0	0	1	3	0	4	0	0	0	1	1	1	10
Total	0	0	14	0	14	0	1	0	1	2	0	3	9	0	12	0	0	0	1	1	1	29
07:00	0	0	7	0	7	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	10
07:15	0	0	2	0	2	0	0	0	0	0	0	1	3	0	4	0	0	0	0	0	0	6
07:30	0	0	4	0	4	0	0	1	0	1	0	0	3	0	3	0	0	0	0	0	0	8
07:45	0	0	7	0	7	0	0	0	0	0	0	0	1	0	1	0	0	1	1	2	2	10
Total	0	0	20	0	20	0	2	1	0	3	0	1	8	0	9	0	0	1	1	2	2	34
08:00	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
08:15	0	0	1	0	1	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	3
08:30	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	2
08:45	0	0	2	0	2	0	0	0	0	0	0	1	2	2	5	0	0	0	0	0	0	7
Total	0	0	7	0	7	0	1	0	1	2	0	1	4	2	7	0	0	0	0	0	0	16
09:00	0	0	3	0	3	0	0	0	0	0	0	1	2	1	4	0	3	0	0	3	3	10
09:15	0	0	22	0	22	0	0	0	0	0	0	0	3	0	3	0	1	0	1	2	2	27
09:30	0	0	4	0	4	0	0	1	0	1	0	0	4	1	5	0	0	1	0	1	1	11
09:45	0	0	2	0	2	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	4
Total	0	0	31	0	31	0	0	1	0	1	0	2	10	2	14	0	4	1	1	6	6	52



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

Weather: Cool & Rainy
 CountCAM 2
 Study Conducted By: Matt

File Name : TMC 2103
 Site Code :
 Start Date : 5/27/2021
 Page No : 3

Groups Printed- Trucks

Start Time	CSAH 5 (Nowthen Blvd.) Southbound					Sunwood Dr. Westbound					CSAH 5 (Nowthen Blvd.) Northbound					Sunwood Dr. Eastbound					Int. Total	
	UTrn	Left	Thru	Right	App. Total	UTrn	Left	Thru	Right	App. Total	UTrn	Left	Thru	Right	App. Total	UTrn	Left	Thru	Right	App. Total		
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	5	131	13	149	0	7	4	2	13	0	12	118	9	139	0	6	4	10	20	321	
Apprch %	0	3.4	87.9	8.7		0	53.8	30.8	15.4		0	8.6	84.9	6.5		0	30	20	50			
Total %	0	1.6	40.8	4	46.4	0	2.2	1.2	0.6	4	0	3.7	36.8	2.8	43.3	0	1.9	1.2	3.1	6.2		

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2103

Study Date : 06/14/2021

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 5 (Nowthen Blvd.)

Number of Lanes : 1

Total Approach Volume: 3,787

Southbound: CSAH 5 (Nowthen Blvd.)

Number of Lanes :1

Total Approach Volume: 3,826

Minor Street Approaches

Eastbound: Sunwood Dr.

Number of Lanes :1

Total Approach Volume: 1,045

Westbound: Sunwood Dr.

Number of Lanes :1

Total Approach Volume: 534

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 4 hours, 8 are needed

Warrant 1C - Combination of Warrants.....**Not Satisfied**

Required 1A volumes reached for 4 hours, 8 are needed

Required 1B volumes reached for 10 hours, 8 are needed

Warrant 2 - Four Hour Volumes.....**Satisfied**

Number of hours (4) volumes exceed minimum \geq minimum required (4).

Warrant 3 - Peak Hour.....**Not Satisfied**

Warrant 3A - Peak Hour Delay.....**Not Satisfied**

Approach volumes on minor street don't exceed minimums for any one hour period. Delay data not evaluated.

Warrant 3B - Peak Hour Volumes.....**Not Satisfied**

Volumes do not exceed minimums for any one hour period.

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 2103

Study Date : 06/14/2021

Warrant 1A - Minimum Volumes

Description

Intended for sites where the volume of intersecting traffic is the principal reason for consideration of a signal installation.

Summary

Only 0 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

Rural Settings Apply = **True**
Number of Major Lanes = **1**
Number of Minor Lanes = **1**

Volume Requirements

Rural Factor of 70 % applied
Veh/Hr Major = **350**
Veh/Hr Minor = **105**

Time	Major Road CSAH 5 (Nowthen Blvd.)				Total	Minor Road Sunwood Dr.		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
16:00 - 17:00	436	+	334	=	770	84	40	No
15:45 - 16:45	413	+	350	=	763	80	33	No
15:30 - 16:30	388	+	342	=	730	91	27	No
15:15 - 16:15	397	+	323	=	720	93	23	No
16:30 - 17:30	456	+	238	=	694	91	43	No
16:45 - 17:45	452	+	234	=	686	86	48	No
16:15 - 17:15	431	+	246	=	677	90	40	No
17:00 - 18:00	422	+	252	=	674	73	42	No
07:00 - 08:00	114	+	522	=	636	81	68	No
17:15 - 18:15	403	+	231	=	634	56	49	No
06:45 - 07:45	104	+	530	=	634	85	72	No
15:00 - 16:00	382	+	226	=	608	94	23	No
07:15 - 08:15	121	+	480	=	601	77	63	No
14:45 - 15:45	364	+	224	=	588	87	24	No
06:30 - 07:30	92	+	492	=	584	85	63	No
17:30 - 18:30	378	+	192	=	570	46	40	No
14:30 - 15:30	341	+	220	=	561	69	31	No
14:15 - 15:15	306	+	209	=	515	59	31	No
07:30 - 08:30	151	+	363	=	514	75	45	No
17:45 - 18:45	325	+	173	=	498	40	35	No
08:45 - 09:45	156	+	336	=	492	80	33	No
09:00 - 10:00	151	+	334	=	485	92	31	No
08:30 - 09:30	165	+	318	=	483	75	34	No
14:00 - 15:00	267	+	205	=	472	53	29	No
06:15 - 07:15	77		390		467	77	47	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2103

Study Date : 06/14/2021

Warrant 1B - Interruption of Continuous Traffic

Description

Intended for sites where the volume of the major street is so heavy that traffic on the minor street suffers excessive delay or hazard.

Summary

Only 4 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

Rural Settings Apply = **True**
Number of Major Lanes = **1**
Number of Minor Lanes = **1**

Volume Requirements

Rural Factor of 70 % applied
Veh/Hr Major = **525**
Veh/Hr Minor = **52**

Time	Major Road CSAH 5 (Nowthen Blvd.)				Minor Road Sunwood Dr.		Met?	
	Major NB	+	Major SB	=	Total	Minor EB		Minor WB
15:30 - 16:30	388	+	342	=	730	91	27	Yes
16:30 - 17:30	456	+	238	=	694	91	43	Yes
06:30 - 07:30	92	+	492	=	584	85	63	Yes
14:30 - 15:30	341	+	220	=	561	69	31	Yes
17:30 - 18:30	378	+	192	=	570	46	40	No
14:15 - 15:15	306	+	209	=	515	59	31	No
07:30 - 08:30	151	+	363	=	514	75	45	No
17:45 - 18:45	325	+	173	=	498	40	35	No
08:45 - 09:45	156	+	336	=	492	80	33	No
09:00 - 10:00	151	+	334	=	485	92	31	No
08:30 - 09:30	165	+	318	=	483	75	34	No
14:00 - 15:00	267	+	205	=	472	53	29	No
06:15 - 07:15	77	+	390	=	467	77	47	No
09:15 - 10:15	148	+	316	=	464	76	28	No
07:45 - 08:45	163	+	291	=	454	71	35	No
18:00 - 19:00	295	+	148	=	443	39	40	No
08:15 - 09:15	186	+	250	=	436	73	32	No
08:00 - 09:00	175	+	261	=	436	59	31	No
13:45 - 14:45	240	+	190	=	430	54	30	No
18:15 - 19:15	281	+	148	=	429	43	31	No
11:45 - 12:45	256	+	164	=	420	49	18	No
11:30 - 12:30	250	+	155	=	405	45	17	No
06:00 - 07:00	67	+	329	=	396	64	42	No
13:30 - 14:30	229	+	165	=	394	51	26	No
12:00 - 13:00	223		165		388	45	23	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2103

Study Date : 06/14/2021

Warrant 1C Combination of Warrants

Description

Intended for sites where the traffic volumes don't meet individual warrants but where Warrants 1A and 1B are both met to 80% of their stated values.

Summary

Only 4 hours meet 1A minimums.
10 hours meet 1B minimums.
Warrant is NOT met.

Site Data Required

Rural Settings Apply = **True**
Number of Major Lanes = **1**
Number of Minor Lanes = **1**

Volume Requirements

Rural Factor of 70% applied
Warrant 1A 1B
Veh/Hr Major = **280 420**

Veh/Hr Minor = **84 42**

Major Road CSAH 5 (Nowthen Blvd.)

Minor Road Sunwood Dr.

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1A?
16:00 - 17:00	436	+	334	=	770	84	40	Yes
14:45 - 15:45	364	+	224	=	588	87	24	Yes
06:30 - 07:30	92	+	492	=	584	85	63	Yes
09:00 - 10:00	151	+	334	=	485	92	31	Yes
15:45 - 16:45	413	+	350	=	763	80	33	No
17:00 - 18:00	422	+	252	=	674	73	42	No
17:15 - 18:15	403	+	231	=	634	56	49	No
17:30 - 18:30	378	+	192	=	570	46	40	No
14:30 - 15:30	341	+	220	=	561	69	31	No
14:15 - 15:15	306	+	209	=	515	59	31	No
07:30 - 08:30	151	+	363	=	514	75	45	No
17:45 - 18:45	325	+	173	=	498	40	35	No

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1B?
15:45 - 16:45	413	+	350	=	763	80	33	Yes
16:45 - 17:45	452	+	234	=	686	86	48	Yes
07:15 - 08:15	121	+	480	=	601	77	63	Yes
14:45 - 15:45	364	+	224	=	588	87	24	Yes
06:15 - 07:15	77	+	390	=	467	77	47	Yes
09:15 - 10:15	148	+	316	=	464	76	28	Yes
08:15 - 09:15	186	+	250	=	436	73	32	Yes
13:45 - 14:45	240	+	190	=	430	54	30	Yes
18:15 - 19:15	281	+	148	=	429	43	31	Yes
11:45 - 12:45	256	+	164	=	420	49	18	Yes
17:45 - 18:45	325	+	173	=	498	40	35	No
18:00 - 19:00	295	+	148	=	443	39	40	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2103

Study Date : 06/14/2021

Warrant 2 - Four Hour Volumes

Description

Intended for sites where the volume of intersecting traffic during any four hours of the day is the principal reason for consideration of a signal installation.

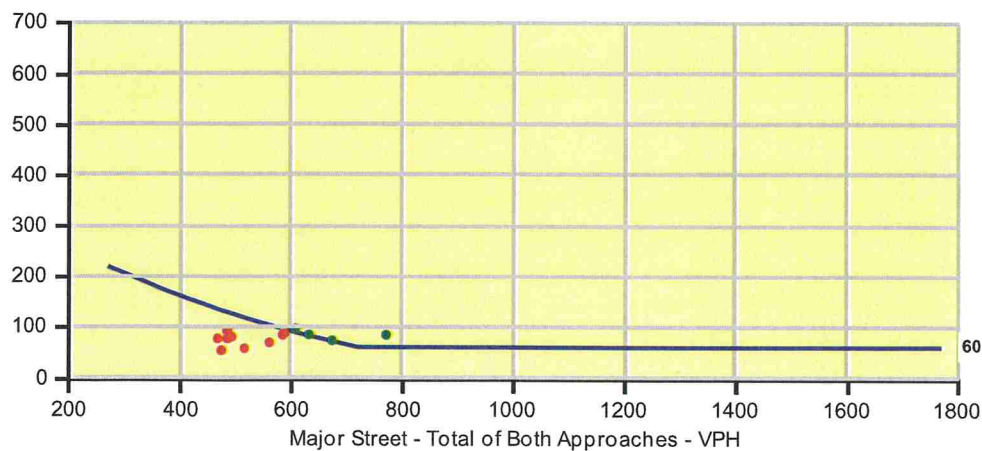
Summary

4 one hour periods meet minimums.
Warrant IS met.

Site Data Required

Rural Settings Apply = **True**
 Number of Major Lanes = **1**
 Number of Minor Lanes = **1**

Time	Major Road CSAH 5 (Nowthen Blvd.)				Total	Minor Road Sunwood Dr.		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
16:00 - 17:00	436	+	334	=	770	84	40	Yes
17:00 - 18:00	422	+	252	=	674	73	42	Yes
06:45 - 07:45	104	+	530	=	634	85	72	Yes
15:00 - 16:00	382	+	226	=	608	94	23	Yes
14:45 - 15:45	364	+	224	=	588	87	24	No
06:30 - 07:30	92	+	492	=	584	85	63	No
14:30 - 15:30	341	+	220	=	561	69	31	No
14:15 - 15:15	306	+	209	=	515	59	31	No
08:45 - 09:45	156	+	336	=	492	80	33	No
09:00 - 10:00	151	+	334	=	485	92	31	No
08:30 - 09:30	165	+	318	=	483	75	34	No
							29	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2103

Study Date : 06/14/2021

Warrant 3B - Peak Hour Volumes

Description

Intended for sites where the volume of intersecting traffic during one hour of the day is the principal reason for consideration of a signal installation.

Summary

Only 0 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

Rural Settings Apply = **True**
 Number of Major Lanes = **1**
 Number of Minor Lanes = **1**

Time	Major Road CSAH 5 (Nowthen Blvd.)				Total	Minor Road Sunwood Dr.		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
16:00 - 17:00	436	+	334	=	770	84	40	No
15:45 - 16:45	413	+	350	=	763	80	33	No
15:30 - 16:30	388	+	342	=	730	91	27	No
15:15 - 16:15	397	+	323	=	720	93	23	No
16:30 - 17:30	456	+	238	=	694	91	43	No
16:45 - 17:45	452	+	234	=	686	86	48	No
16:15 - 17:15	431	+	246	=	677	90	40	No
17:00 - 18:00	422	+	252	=	674	73	42	No
07:00 - 08:00	114	+	522	=	636	81	68	No
17:15 - 18:15	403	+	231	=	634	56	49	No
06:45 - 07:45	104	+	530	=	634	85	72	No
							23	No

