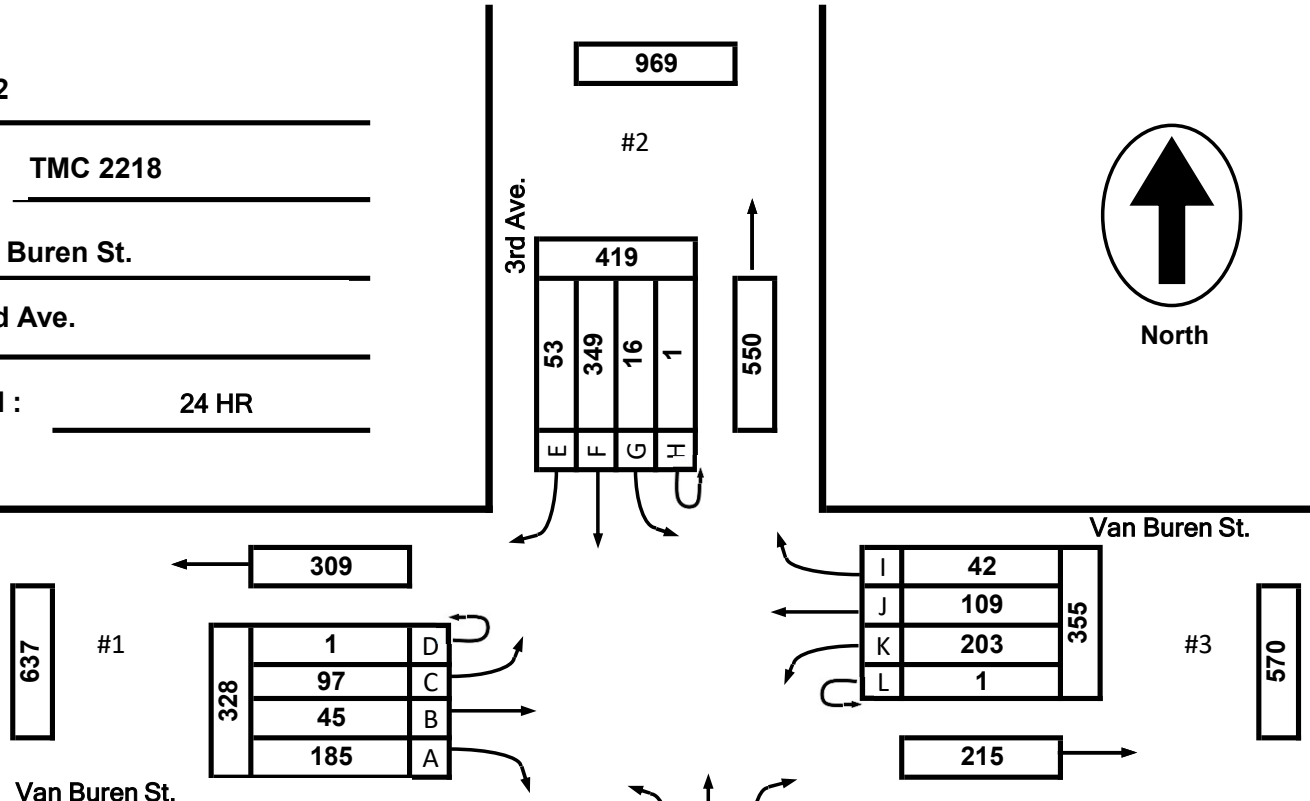
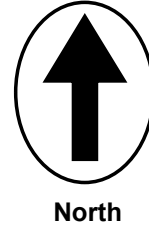


Date : 06/21/22

Count Number : TMC 2218

Location : Van Buren St.
@ 3rd Ave.

Collection Period : 24 HR



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

Anoka County Highway Department
 Traffic Volume and Turning Movement Study

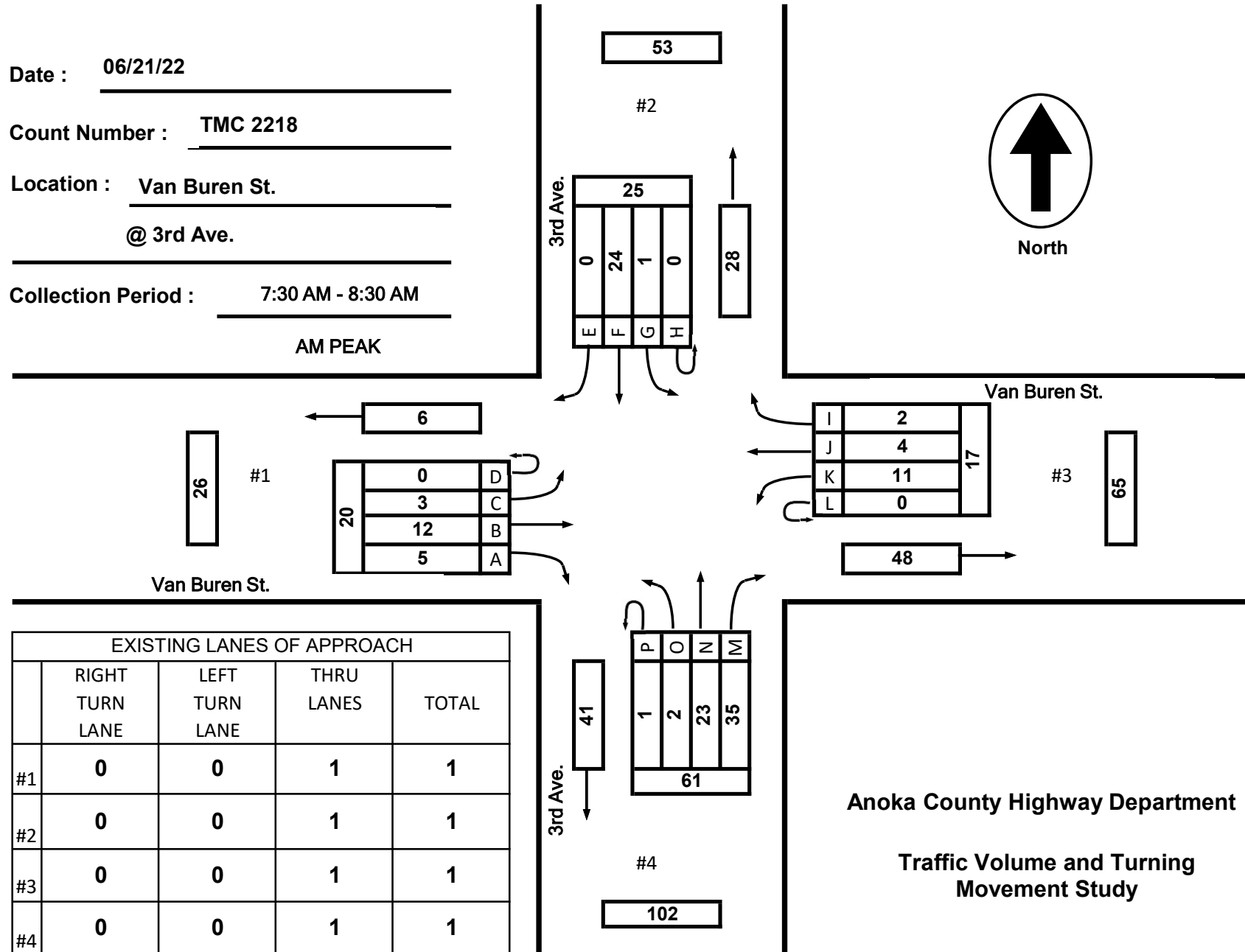
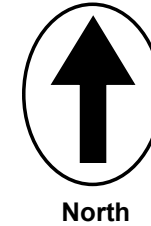
Date : 06/21/22

Count Number : TMC 2218

Location : Van Buren St.
@ 3rd Ave.

Collection Period : 7:30 AM - 8:30 AM

AM PEAK



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

Anoka County Highway Department

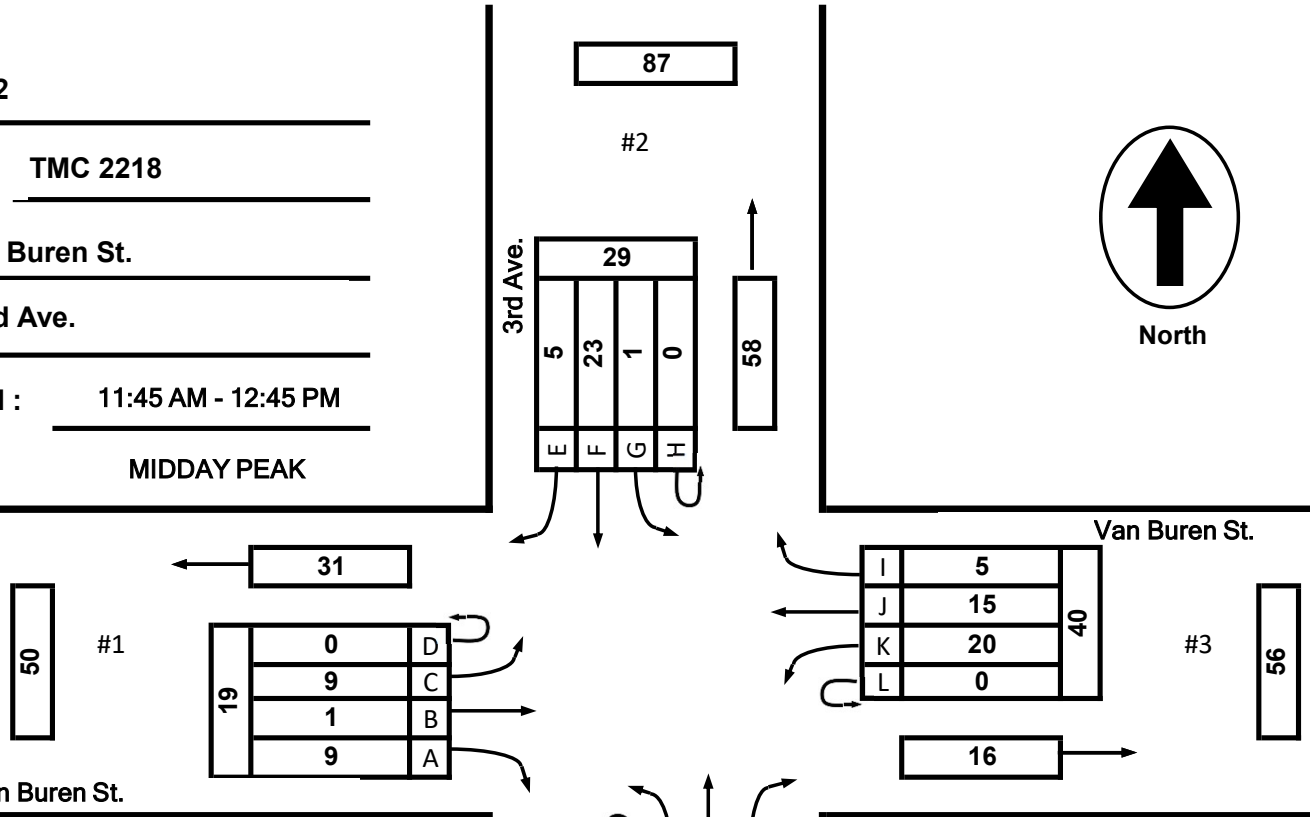
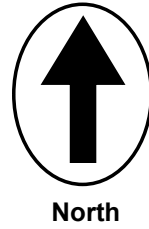
Traffic Volume and Turning Movement Study

Date : 06/21/22

Count Number : TMC 2218

Location : Van Buren St.
@ 3rd Ave.

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



19	0	D
	9	C
	1	B
	9	A

29			
5	23	1	0
E	F	G	H

I	5	40
J	15	
K	20	
L	0	

P	O	N	M
1	11	44	14
70			

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

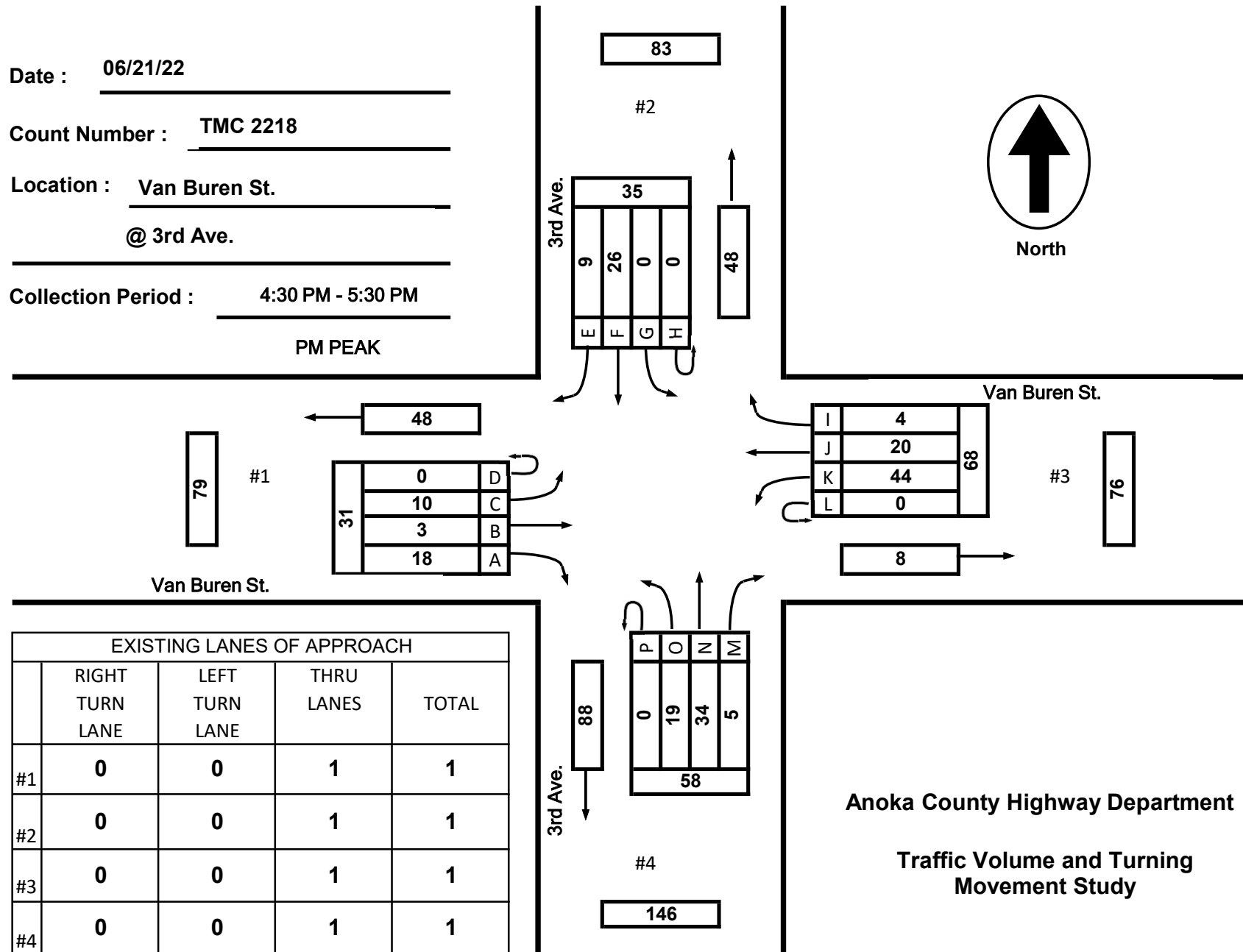
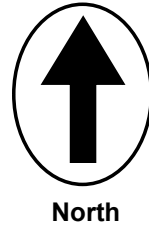
Anoka County Highway Department
Traffic Volume and Turning Movement Study

Date : 06/21/22

Count Number : TMC 2218

Location : Van Buren St.
@ 3rd Ave.

Collection Period : 4:30 PM - 5:30 PM
PM PEAK



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

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 : TMC 2218
 Site Code :
 Start Date : 06/21/2022
 Page No : 1

Weather: Warm & Sunny
 CountCAM 2
 Study Conducted By: Adam

Groups Printed- Cars + - Trucks

Start Time	3rd Ave. Southbound						Van Buren St. Westbound						3rd Ave. Northbound						Van Buren St. Eastbound						Exclu. Total	Inclu. Total	Int. Total			
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total						
00:00	0	1	0	0	0	1	0	0	0	0	0	0	0	7	0	0	0	0	7	0	0	0	0	0	0	0	0	0	8	8
00:15	0	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	3	3
00:30	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
Total	0	2	0	0	0	2	0	0	0	0	0	0	0	9	0	0	0	0	9	0	0	0	0	0	0	0	0	11	11	
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1
01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1
01:30	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	1	0	0	2	2	
02:00	0	0	0	0	0	0	0	0	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	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	2	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1
03:15	0	0	0	0	0	0	0	0	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	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	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	
04:00	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
04:30	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	2	2
04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	2	
05:00	0	0	0	0	0	0	0	0	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	2	0	0	0	0	2	0	0	0	0	0	0	0	0	2	2	2
05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45	0	1	0	0	0	1	0	1	0	0	0	1	1	1	0	1	0	1	2	0	1	2	0	1	3	2	7	9	9	
Total	0	1	0	0	0	1	0	1	0	0	0	1	3	0	1	0	1	4	0	1	2	0	1	3	2	9	11	11		



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC 2218
 Site Code :
 Start Date : 06/21/2022
 Page No : 2

Weather: Warm & Sunny
 CountCAM 2
 Study Conducted By: Adam

Groups Printed- Cars + - Trucks

Start Time	3rd Ave. Southbound						Van Buren St. Westbound						3rd Ave. Northbound						Van Buren St. Eastbound						Exclu. Total	Inclu. Total	Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total			
06:00	0	1	0	0	1	1	0	0	0	0	0	0	2	1	0	0	1	3	0	0	0	0	0	0	2	4	6
06:15	0	1	0	0	0	1	0	0	0	0	1	0	2	0	0	0	1	2	0	1	0	0	1	1	3	4	7
06:30	0	3	0	0	0	3	0	0	1	0	1	1	0	1	0	0	0	1	0	0	0	0	0	0	1	5	6
06:45	0	2	1	0	1	3	0	0	1	0	3	1	6	1	0	0	0	7	2	3	0	0	0	5	4	16	20
Total	0	7	1	0	2	8	0	0	2	0	5	2	10	3	0	0	2	13	2	4	0	0	1	6	10	29	39
07:00	0	2	0	1	0	3	0	1	0	0	6	1	2	5	0	0	1	7	1	1	1	0	0	3	7	14	21
07:15	0	2	0	0	0	2	0	0	0	0	1	0	5	1	0	0	0	6	0	3	0	0	1	3	2	11	13
07:30	0	5	0	0	1	5	0	2	1	0	3	3	9	3	0	0	0	12	0	6	0	0	3	6	7	26	33
07:45	0	5	1	0	0	6	0	0	6	0	4	6	14	5	0	0	0	19	2	3	0	0	1	5	5	36	41
Total	0	14	1	1	1	16	0	3	7	0	14	10	30	14	0	0	1	44	3	13	1	0	5	17	21	87	108
08:00	0	7	0	0	0	7	1	2	3	0	4	6	7	8	1	0	1	16	3	2	3	0	1	8	6	37	43
08:15	0	7	0	0	0	7	1	0	1	0	2	2	5	7	1	1	0	14	0	1	0	0	0	1	2	24	26
08:30	0	3	2	0	0	5	1	1	0	0	1	2	3	7	5	1	0	16	1	0	0	0	0	1	1	24	25
08:45	3	7	0	0	0	10	0	2	3	0	0	5	3	3	4	2	4	12	2	3	0	0	0	5	4	32	36
Total	3	24	2	0	0	29	3	5	7	0	7	15	18	25	11	4	5	58	6	6	3	0	1	15	13	117	130
09:00	0	5	0	0	0	5	1	2	3	0	0	6	2	9	0	1	2	12	2	1	2	0	2	5	4	28	32
09:15	2	9	2	0	0	13	2	1	1	0	3	4	4	12	2	0	2	18	1	1	0	0	0	2	5	37	42
09:30	0	6	0	0	0	6	2	0	2	0	4	4	1	5	2	0	1	8	3	0	1	0	0	4	5	22	27
09:45	1	8	0	0	2	9	0	1	0	0	5	1	5	6	1	0	2	12	3	0	4	0	1	7	10	29	39
Total	3	28	2	0	2	33	5	4	6	0	12	15	12	32	5	1	7	50	9	2	7	0	3	18	24	116	140
10:00	1	7	0	0	0	8	3	0	5	0	2	8	3	8	1	1	0	13	2	1	2	0	1	5	3	34	37
10:15	2	5	2	0	0	9	1	0	1	0	4	2	5	5	3	1	4	14	1	2	3	0	1	6	9	31	40
10:30	2	5	1	0	0	8	2	1	3	0	0	6	0	5	4	1	3	10	3	0	1	0	1	4	4	28	32
10:45	1	8	1	0	0	10	0	2	1	0	5	3	0	7	5	0	4	12	2	0	1	0	2	3	11	28	39
Total	6	25	4	0	0	35	6	3	10	0	11	19	8	25	13	3	11	49	8	3	7	0	5	18	27	121	148
11:00	0	4	0	0	0	4	0	0	6	0	0	6	2	6	4	0	0	12	3	1	1	0	0	5	0	27	27
11:15	1	7	2	0	0	10	1	1	6	0	0	8	0	7	2	0	0	9	4	2	2	0	0	8	0	35	35
11:30	1	4	0	0	0	5	1	1	6	0	5	8	2	9	0	1	1	12	3	0	2	0	0	5	6	30	36
11:45	1	7	0	0	0	8	2	2	4	0	1	8	5	7	5	0	3	17	3	0	4	0	0	7	4	40	44
Total	3	22	2	0	0	27	4	4	22	0	6	30	9	29	11	1	4	50	13	3	9	0	0	25	10	132	142
12:00	1	8	0	0	1	9	2	8	8	0	4	18	3	11	0	1	3	15	2	0	1	0	0	3	8	45	53
12:15	1	2	0	0	0	3	1	3	5	0	1	9	2	14	2	0	1	18	1	1	2	0	0	4	2	34	36
12:30	2	6	1	0	3	9	0	2	3	0	5	5	4	12	4	0	1	20	3	0	2	0	1	5	10	39	49



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC 2218
 Site Code :
 Start Date : 06/21/2022
 Page No : 3

Weather: Warm & Sunny
 CountCAM 2
 Study Conducted By: Adam

Groups Printed- Cars + - Trucks

Start Time	3rd Ave. Southbound						Van Buren St. Westbound						3rd Ave. Northbound						Van Buren St. Eastbound						Exclu. Total	Inclu. Total	Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total			
12:45	0	6	0	0	0	6	3	2	3	0	6	8	3	7	4	3	6	17	6	1	0	0	4	7	16	38	54
Total	4	22	1	0	4	27	6	15	19	0	16	40	12	44	10	4	11	70	12	2	5	0	5	19	36	156	192
13:00	0	6	0	0	1	6	1	2	3	1	3	7	4	10	4	2	3	20	10	0	1	0	1	11	8	44	52
13:15	1	12	0	0	0	13	0	1	4	0	3	5	4	3	5	0	1	12	0	3	1	0	0	4	4	34	38
13:30	0	7	1	0	0	8	0	1	4	0	0	5	1	6	0	0	2	7	9	0	2	0	0	11	2	31	33
13:45	0	7	0	0	3	7	0	1	7	0	6	8	1	11	2	3	2	17	5	1	3	0	0	9	11	41	52
Total	1	32	1	0	4	34	1	5	18	1	12	25	10	30	11	5	8	56	24	4	7	0	1	35	25	150	175
14:00	1	8	0	0	2	9	2	3	3	0	4	8	2	8	3	0	2	13	0	0	0	0	1	0	9	30	39
14:15	0	7	0	0	0	7	1	1	0	0	2	2	1	10	6	1	0	18	2	0	2	0	0	4	2	31	33
14:30	0	4	1	0	1	5	1	4	7	0	1	12	1	5	5	1	0	12	0	0	4	0	1	4	3	33	36
14:45	0	5	0	0	0	5	1	1	6	0	2	8	1	3	5	3	2	12	1	0	2	0	0	3	4	28	32
Total	1	24	1	0	3	26	5	9	16	0	9	30	5	26	19	5	4	55	3	0	8	0	2	11	18	122	140
15:00	0	6	0	0	2	6	1	7	5	0	6	13	1	12	2	0	4	15	4	0	0	0	0	4	12	38	50
15:15	4	11	0	0	1	15	0	1	3	0	2	4	1	8	1	0	0	10	2	0	2	0	2	4	5	33	38
15:30	1	6	0	0	3	7	1	4	7	0	6	12	1	9	0	1	1	11	1	0	2	0	4	3	14	33	47
15:45	1	8	0	0	0	9	1	4	6	0	0	11	1	7	3	1	2	12	3	0	1	0	4	4	6	36	42
Total	6	31	0	0	6	37	3	16	21	0	14	40	4	36	6	2	7	48	10	0	5	0	10	15	37	140	177
16:00	1	6	1	0	0	8	1	2	4	0	1	7	2	5	3	0	0	10	4	0	0	0	0	4	1	29	30
16:15	1	5	0	0	1	6	0	5	4	0	1	9	2	9	3	0	1	14	0	0	1	0	0	1	3	30	33
16:30	2	8	0	0	1	10	2	9	20	0	9	31	2	17	3	0	1	22	2	1	4	0	0	7	11	70	81
16:45	0	9	0	0	0	9	1	4	11	0	1	16	2	7	7	0	0	16	5	0	1	0	0	6	1	47	48
Total	4	28	1	0	2	33	4	20	39	0	12	63	8	38	16	0	2	62	11	1	6	0	0	18	16	176	192
17:00	3	7	0	0	1	10	1	2	7	0	5	10	0	5	2	0	0	7	6	0	2	0	1	8	7	35	42
17:15	4	2	0	0	0	6	0	5	6	0	0	11	1	5	7	0	2	13	5	2	3	0	3	10	5	40	45
17:30	2	5	0	0	2	7	1	3	6	0	2	10	1	6	3	0	3	10	2	0	1	0	1	3	8	30	38
17:45	0	5	0	0	0	5	2	3	4	0	1	9	0	5	7	0	1	12	5	0	1	0	0	6	2	32	34
Total	9	19	0	0	3	28	4	13	23	0	8	40	2	21	19	0	6	42	18	2	7	0	5	27	22	137	159
18:00	1	9	0	0	0	10	0	2	1	0	2	3	4	3	4	0	6	11	1	0	4	0	1	5	9	29	38
18:15	3	3	0	0	2	6	0	0	1	0	0	1	1	11	3	0	0	15	5	1	3	0	0	9	2	31	33
18:30	2	7	0	0	0	9	0	2	0	0	0	2	2	9	3	0	1	14	4	0	0	1	0	5	1	30	31
18:45	0	6	0	0	1	6	0	1	2	0	1	3	0	8	4	1	2	13	10	0	3	0	3	13	7	35	42
Total	6	25	0	0	3	31	0	5	4	0	3	9	7	31	14	1	9	53	20	1	10	1	4	32	19	125	144



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC 2218
 Site Code :
 Start Date : 06/21/2022
 Page No : 4

Weather: Warm & Sunny
 CountCAM 2
 Study Conducted By: Adam

Groups Printed- Cars + - Trucks

Start Time	3rd Ave. Southbound						Van Buren St. Westbound						3rd Ave. Northbound						Van Buren St. Eastbound						Exclu. Total	Inclu. Total	Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total			
19:00	1	5	0	0	1	6	0	2	2	0	0	4	2	3	2	0	0	7	4	0	0	0	3	4	4	21	25
19:15	0	4	0	0	1	4	0	0	2	0	0	2	1	3	2	0	0	6	3	0	3	0	1	6	2	18	20
19:30	0	3	0	0	2	3	0	1	1	0	3	2	0	3	1	0	2	4	3	0	0	0	0	3	7	12	19
19:45	0	4	0	0	1	4	0	0	0	0	0	0	2	4	1	0	0	7	6	0	3	0	2	9	3	20	23
Total	1	16	0	0	5	17	0	3	5	0	3	8	5	13	6	0	2	24	16	0	6	0	6	22	16	71	87
20:00	2	6	0	0	2	8	1	0	0	0	0	1	1	6	2	0	0	9	11	0	4	0	2	15	4	33	37
20:15	2	4	0	0	4	6	0	1	0	0	0	1	1	3	0	0	0	4	6	1	1	0	0	8	4	19	23
20:30	1	4	0	0	3	5	0	0	0	0	1	0	0	3	0	0	1	3	4	0	3	0	0	7	5	15	20
20:45	0	2	0	0	0	2	0	1	0	0	0	1	0	3	0	0	1	3	3	1	0	0	0	4	1	10	11
Total	5	16	0	0	9	21	1	2	0	0	1	3	2	15	2	0	2	19	24	2	8	0	2	34	14	77	91
21:00	0	2	0	0	3	2	0	1	0	0	0	1	0	2	0	0	0	2	3	1	0	0	3	4	6	9	15
21:15	0	2	0	0	2	2	0	0	0	0	2	0	0	0	1	0	0	1	0	0	0	0	0	0	4	3	7
21:30	0	1	0	0	0	1	0	0	0	0	0	0	1	3	0	0	0	4	2	0	2	0	0	4	0	9	9
21:45	1	1	0	0	0	2	0	0	1	0	0	1	2	2	0	0	1	4	0	0	0	0	0	0	1	7	8
Total	1	6	0	0	5	7	0	1	1	0	2	2	3	7	1	0	1	11	5	1	2	0	3	8	11	28	39
22:00	0	2	0	0	0	2	0	0	0	0	1	0	0	2	0	0	0	2	0	0	0	0	0	0	1	4	5
22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0	0	2	0	3	3
22:30	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	2	0	0	0	0	0	0	1	2	3
22:45	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	1	2	0	0	0	0	1	0	4	2	6
Total	0	2	0	0	1	2	0	0	0	0	3	0	1	5	0	1	1	7	0	0	2	0	1	2	6	11	17
23:00	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	2	1	3	3	6
23:15	0	1	0	0	0	1	0	0	1	0	0	1	1	2	1	0	0	4	0	0	1	0	0	1	0	7	7
23:30	0	0	0	0	0	0	0	0	1	0	0	1	0	3	0	0	0	3	0	0	0	0	0	0	0	4	4
23:45	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2	2
Total	0	3	0	0	1	3	0	0	3	0	0	3	2	5	1	0	0	8	1	0	1	0	2	2	3	16	19
Grand Total	53	349	16	1	51	419	42	109	203	1	138	355	153	410	146	27	84	736	185	45	97	1	57	328	330	1838	2168
Apprch %	12.6	83.3	3.8	0.2			11.8	30.7	57.2	0.3			20.8	55.7	19.8	3.7		56.4	13.7	29.6	0.3						
Total %	2.9	19	0.9	0.1		22.8	2.3	5.9	11	0.1		19.3	8.3	22.3	7.9	1.5		40	10.1	2.4	5.3	0.1		17.8	15.2	84.8	
Cars +	53	325	16	1		446	38	106	199	1		482	152	390	146	27		799	181	45	96	1		380	0	0	2107
% Cars +	100	93.1	100	100	100	94.9	90.5	97.2	98	100	100	97.8	99.3	95.1	100	100	100	97.4	97.8	100	99	100	100	98.7	0	0	97.2
Trucks	0	24	0	0		24	4	3	4	0		11	1	20	0	0		21	4	0	1	0		5	0	0	61
% Trucks	0	6.9	0	0	0	5.1	9.5	2.8	2	0	0	2.2	0.7	4.9	0	0	0	2.6	2.2	0	1	0	0	1.3	0	0	2.8



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC 2218
 Site Code :
 Start Date : 06/21/2022
 Page No : 5

Weather: Warm & Sunny
 CountCAM 2
 Study Conducted By: Adam

Start Time	3rd Ave. Southbound					Van Buren St. Westbound					3rd Ave. Northbound					Van Buren St. Eastbound					Int. Total
	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	
Peak Hour Analysis From 00:00 to 09:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30																					
07:30	0	5	0	0	5	0	2	1	0	3	9	3	0	0	12	0	6	0	0	6	26
07:45	0	5	1	0	6	0	0	6	0	6	14	5	0	0	19	2	3	0	0	5	36
08:00	0	7	0	0	7	1	2	3	0	6	7	8	1	0	16	3	2	3	0	8	37
08:15	0	7	0	0	7	1	0	1	0	2	5	7	1	1	14	0	1	0	0	1	24
Total Volume	0	24	1	0	25	2	4	11	0	17	35	23	2	1	61	5	12	3	0	20	123
% App. Total	0	96	4	0		11.8	23.5	64.7	0		57.4	37.7	3.3	1.6		25	60	15	0		
PHF	.000	.857	.250	.000	.893	.500	.500	.458	.000	.708	.625	.719	.500	.250	.803	.417	.500	.250	.000	.625	.831

Peak Hour Analysis From 10:00 to 13:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:45																					
11:45	1	7	0	0	8	2	2	4	0	8	5	7	5	0	17	3	0	4	0	7	40
12:00	1	8	0	0	9	2	8	8	0	18	3	11	0	1	15	2	0	1	0	3	45
12:15	1	2	0	0	3	1	3	5	0	9	2	14	2	0	18	1	1	2	0	4	34
12:30	2	6	1	0	9	0	2	3	0	5	4	12	4	0	20	3	0	2	0	5	39
Total Volume	5	23	1	0	29	5	15	20	0	40	14	44	11	1	70	9	1	9	0	19	158
% App. Total	17.2	79.3	3.4	0		12.5	37.5	50	0		20	62.9	15.7	1.4		47.4	5.3	47.4	0		
PHF	.625	.719	.250	.000	.806	.625	.469	.625	.000	.556	.700	.786	.550	.250	.875	.750	.250	.563	.000	.679	.878

Peak Hour Analysis From 14:00 to 23:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	2	8	0	0	10	2	9	20	0	31	2	17	3	0	22	2	1	4	0	7	70
16:45	0	9	0	0	9	1	4	11	0	16	2	7	7	0	16	5	0	1	0	6	47
17:00	3	7	0	0	10	1	2	7	0	10	0	5	2	0	7	6	0	2	0	8	35
17:15	4	2	0	0	6	0	5	6	0	11	1	5	7	0	13	5	2	3	0	10	40
Total Volume	9	26	0	0	35	4	20	44	0	68	5	34	19	0	58	18	3	10	0	31	192
% App. Total	25.7	74.3	0	0		5.9	29.4	64.7	0		8.6	58.6	32.8	0		58.1	9.7	32.3	0		
PHF	.563	.722	.000	.000	.875	.500	.556	.550	.000	.548	.625	.500	.679	.000	.659	.750	.375	.625	.000	.775	.686



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC 2218
 Site Code :
 Start Date : 06/21/2022
 Page No : 1

Weather: Warm & Sunny
 CountCAM 2
 Study Conducted By: Adam

Groups Printed- Trucks

Start Time	3rd Ave. Southbound					Van Buren St. Westbound					3rd Ave. Northbound					Van Buren St. Eastbound					Int. Total	
	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45	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
06:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
06:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	0	2	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	4
07:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
Total	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	3
08:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	1	0	0	1	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	3
Total	0	1	0	0	1	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0	4
09:00	0	1	0	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	3



Anoka County Highway Department

Traffic Engineering Section

Traffic Volume and Turning Movement Study

File Name : TMC 2218
 Site Code :
 Start Date : 06/21/2022
 Page No : 3

Weather: Warm & Sunny
 CountCAM 2
 Study Conducted By: Adam

Groups Printed- Trucks

Start Time	3rd Ave. Southbound					Van Buren St. Westbound					3rd Ave. Northbound					Van Buren St. Eastbound					Int. Total					
	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total	Right	Thru	Left	UTrn	App. Total						
19:00	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
19:15	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
20:00	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
20:15	0	0	0	0	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	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	0	0	0	0
Total	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
21:00	0	0	0	0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0	0	0	0
Grand Total	0	24	0	0	24	4	3	4	0	11	1	20	0	0	21	4	0	1	0	5					61	
Apprch %	0	100	0	0		36.4	27.3	36.4	0		4.8	95.2	0	0		80	0	20	0							
Total %	0	39.3	0	0	39.3	6.6	4.9	6.6	0	18	1.6	32.8	0	0	34.4	6.6	0	1.6	0	8.2						

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 07/11/2022

Signal Warrants - Summary

Major Street Approaches

Northbound: 3rd Ave.

Number of Lanes : 1

Total Approach Volume: 736

Southbound: 3rd Ave.

Number of Lanes : 1

Total Approach Volume: 419

Minor Street Approaches

Eastbound: Van Buren St.

Number of Lanes : 1

Total Approach Volume: 328

Westbound: Van Buren St.

Number of Lanes : 1

Total Approach Volume: 355

Warrant Summary (Urban 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 0 hours, 8 are needed

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

Required 1A volumes reached for 0 hours, 8 are needed

Required 1B volumes reached for 0 hours, 8 are needed

Warrant 2 - Four Hour Volumes.....Not Satisfied

Number of hours (0) volumes exceed minimum < 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:

Study Date : 07/11/2022

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 = **False**
Number of Major Lanes = **1**
Number of Minor Lanes = **1**

Volume Requirements

Veh/Hr Major = **500**

Veh/Hr Minor = **150**

Time	Major Road				Total	Minor Road		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
	3rd Ave.					Van Buren St.		
12:30 - 13:30	69	+	34	=	103	27	25	No
12:15 - 13:15	75	+	24	=	99	27	29	No
11:45 - 12:45	70	+	29	=	99	19	40	No
12:00 - 13:00	70	+	27	=	97	19	40	No
16:00 - 17:00	62	+	33	=	95	18	63	No
16:15 - 17:15	59	+	35	=	94	22	66	No
16:30 - 17:30	58	+	35	=	93	31	68	No
08:30 - 09:30	58	+	33	=	91	13	17	No
15:45 - 16:45	58	+	33	=	91	16	58	No
07:45 - 08:45	65	+	25	=	90	15	16	No
13:00 - 14:00	56	+	34	=	90	35	25	No
12:45 - 13:45	56	+	33	=	89	33	25	No
13:45 - 14:45	60	+	28	=	88	17	30	No
11:30 - 12:30	62	+	25	=	87	19	43	No
08:00 - 09:00	58	+	29	=	87	15	15	No
09:15 - 10:15	51	+	36	=	87	18	17	No
07:30 - 08:30	61	+	25	=	86	20	17	No
13:30 - 14:30	55	+	31	=	86	24	23	No
13:15 - 14:15	49	+	37	=	86	24	26	No
11:15 - 12:15	53	+	32	=	85	23	42	No
15:00 - 16:00	48	+	37	=	85	15	40	No
18:00 - 19:00	53	+	31	=	84	32	9	No
08:45 - 09:45	50	+	34	=	84	16	19	No
10:00 - 11:00	49	+	35	=	84	18	19	No
09:00 - 10:00	50		33		83	18	15	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 07/11/2022

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

Site Data Required

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

Volume Requirements

Veh/Hr Major = **750**

Veh/Hr Minor = **75**

Time	Major Road				Total	Minor Road		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
	3rd Ave.					Van Buren St.		
12:30 - 13:30	69	+	34	=	103	27	25	No
12:15 - 13:15	75	+	24	=	99	27	29	No
11:45 - 12:45	70	+	29	=	99	19	40	No
12:00 - 13:00	70	+	27	=	97	19	40	No
16:00 - 17:00	62	+	33	=	95	18	63	No
16:15 - 17:15	59	+	35	=	94	22	66	No
16:30 - 17:30	58	+	35	=	93	31	68	No
15:45 - 16:45	58	+	33	=	91	16	58	No
08:30 - 09:30	58	+	33	=	91	13	17	No
07:45 - 08:45	65	+	25	=	90	15	16	No
13:00 - 14:00	56	+	34	=	90	35	25	No
12:45 - 13:45	56	+	33	=	89	33	25	No
13:45 - 14:45	60	+	28	=	88	17	30	No
11:30 - 12:30	62	+	25	=	87	19	43	No
08:00 - 09:00	58	+	29	=	87	15	15	No
09:15 - 10:15	51	+	36	=	87	18	17	No
07:30 - 08:30	61	+	25	=	86	20	17	No
13:30 - 14:30	55	+	31	=	86	24	23	No
13:15 - 14:15	49	+	37	=	86	24	26	No
11:15 - 12:15	53	+	32	=	85	23	42	No
15:00 - 16:00	48	+	37	=	85	15	40	No
18:00 - 19:00	53	+	31	=	84	32	9	No
08:45 - 09:45	50	+	34	=	84	16	19	No
10:00 - 11:00	49	+	35	=	84	18	19	No
09:00 - 10:00	50		33		83	18	15	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 07/11/2022

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 0 hours meet 1A minimums.
Only 0 hours meet 1B minimums.
Warrant is NOT met.

Site Data Required

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

Volume Requirements

Warrant 1A 1B
Veh/Hr Major = **400 600**

Veh/Hr Minor = **120 60**

Major Road
3rd Ave.

Minor Road
Van Buren St.

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1A?
12:30 - 13:30	69	+	34	=	103	27	25	No
12:15 - 13:15	75	+	24	=	99	27	29	No
11:45 - 12:45	70	+	29	=	99	19	40	No
12:00 - 13:00	70	+	27	=	97	19	40	No
16:00 - 17:00	62	+	33	=	95	18	63	No
16:15 - 17:15	59	+	35	=	94	22	66	No
16:30 - 17:30	58	+	35	=	93	31	68	No
15:45 - 16:45	58	+	33	=	91	16	58	No
08:30 - 09:30	58	+	33	=	91	13	17	No
13:00 - 14:00	56	+	34	=	90	35	25	No
07:45 - 08:45	65	+	25	=	90	15	16	No
12:45 - 13:45	56	+	33	=	89	33	25	No

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1B?
12:30 - 13:30	69	+	34	=	103	27	25	No
12:15 - 13:15	75	+	24	=	99	27	29	No
11:45 - 12:45	70	+	29	=	99	19	40	No
12:00 - 13:00	70	+	27	=	97	19	40	No
16:00 - 17:00	62	+	33	=	95	18	63	No
16:15 - 17:15	59	+	35	=	94	22	66	No
16:30 - 17:30	58	+	35	=	93	31	68	No
15:45 - 16:45	58	+	33	=	91	16	58	No
08:30 - 09:30	58	+	33	=	91	13	17	No
13:00 - 14:00	56	+	34	=	90	35	25	No
07:45 - 08:45	65	+	25	=	90	15	16	No
12:45 - 13:45	56	+	33	=	89	33	25	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 07/11/2022

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.

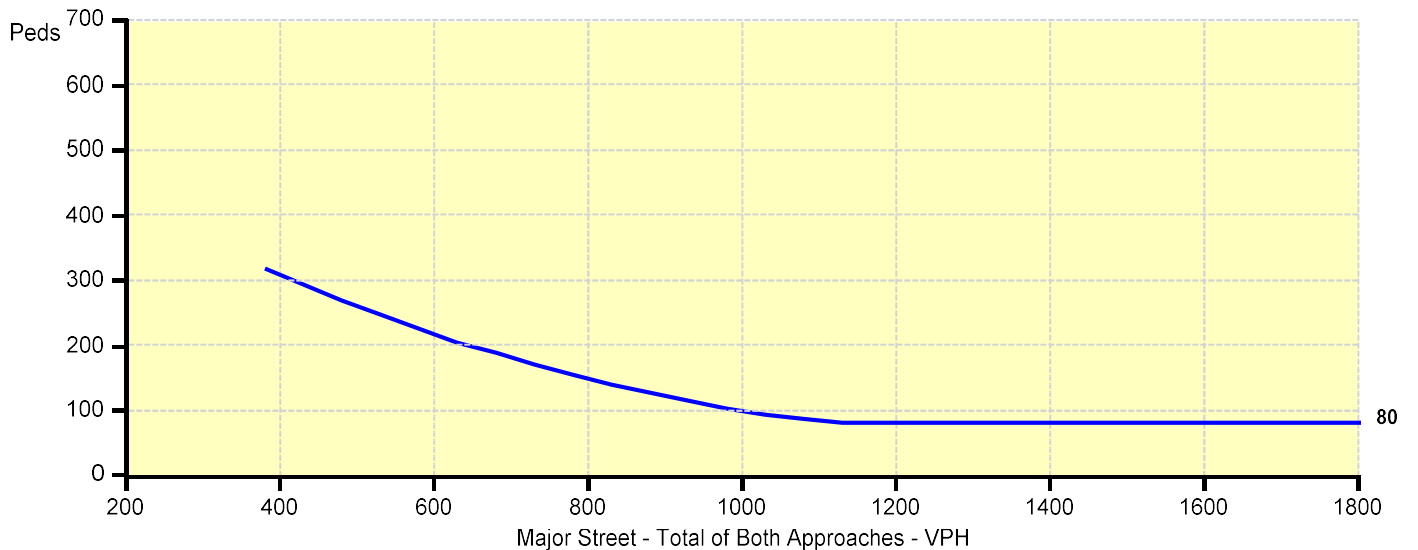
Summary

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

Site Data Required

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

Time	Major Road 3rd Ave.				Total	Minor Road Van Buren St.		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
12:30 - 13:30	69	+	34	=	103	27	25	No
12:15 - 13:15	75	+	24	=	99	27	29	No
11:45 - 12:45	70	+	29	=	99	19	40	No
12:00 - 13:00	70	+	27	=	97	19	40	No
16:00 - 17:00	62	+	33	=	95	18	63	No
16:15 - 17:15	59	+	35	=	94	22	66	No
16:30 - 17:30	58	+	35	=	93	31	68	No
08:30 - 09:30	58	+	33	=	91	13	17	No
15:45 - 16:45	58	+	33	=	91	16	58	No
07:45 - 08:45	65	+	25	=	90	15	16	No
13:00 - 14:00	56	+	34	=	90	35	25	No
12:45 - 13:45	56		33		89	33	25	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 07/11/2022

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 = **False**
 Number of Major Lanes = **1**
 Number of Minor Lanes = **1**

Time	Major Road 3rd Ave.				Total	Minor Road Van Buren St.		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
12:30 - 13:30	69	+	34	=	103	27	25	No
12:15 - 13:15	75	+	24	=	99	27	29	No
11:45 - 12:45	70	+	29	=	99	19	40	No
12:00 - 13:00	70	+	27	=	97	19	40	No
16:00 - 17:00	62	+	33	=	95	18	63	No
16:15 - 17:15	59	+	35	=	94	22	66	No
16:30 - 17:30	58	+	35	=	93	31	68	No
15:45 - 16:45	58	+	33	=	91	16	58	No
08:30 - 09:30	58	+	33	=	91	13	17	No
07:45 - 08:45	65	+	25	=	90	15	16	No
13:00 - 14:00	56	+	34	=	90	35	25	No
12:45 - 13:45	56		33		89	33	25	No

