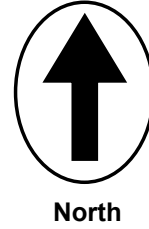


Date : 09/27/22

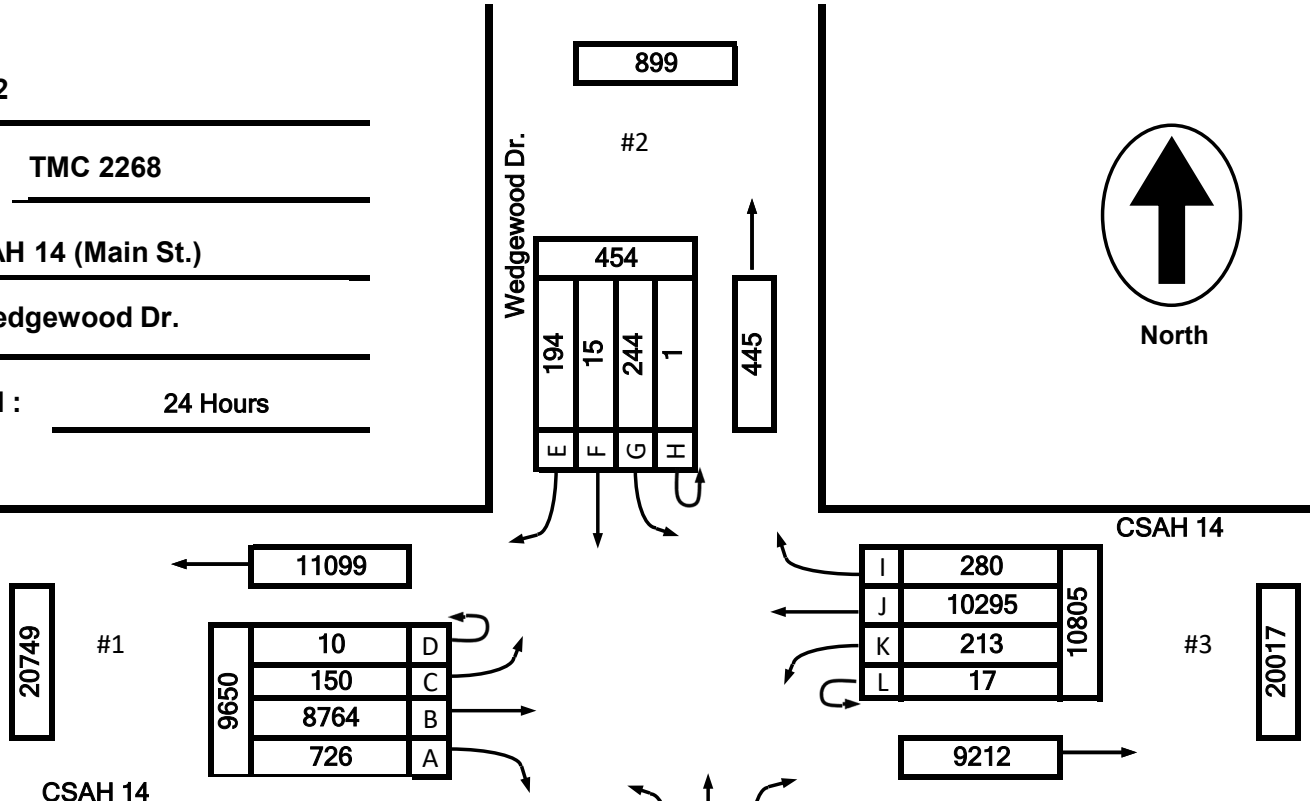
Count Number : TMC 2268

Location : CSAH 14 (Main St.)
@ Wedgewood Dr.

Collection Period : 24 Hours



CSAH 14



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

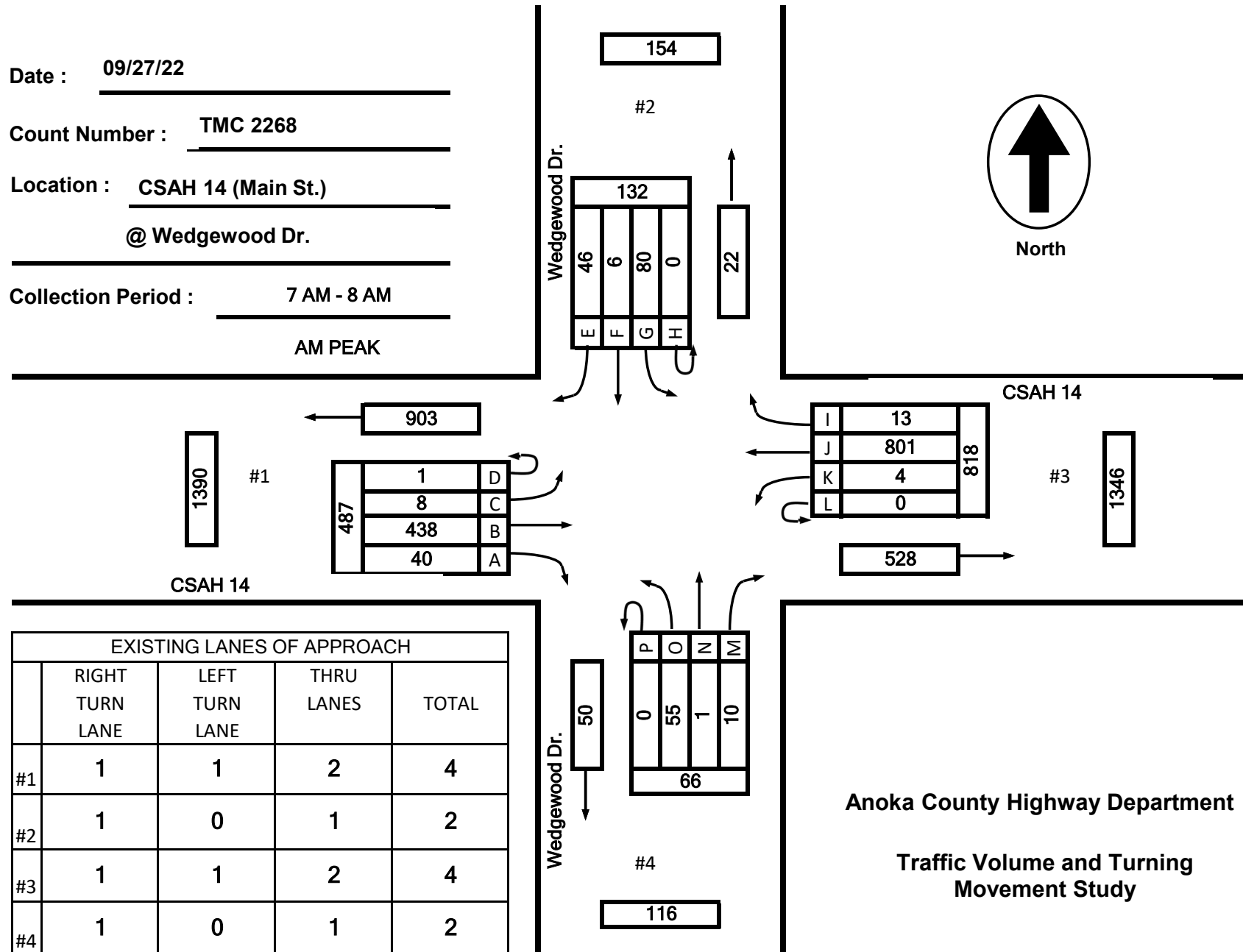
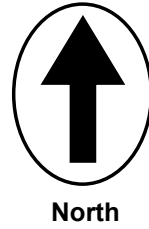
Anoka County Highway Department
 Traffic Volume and Turning Movement Study

Date : 09/27/22

Count Number : TMC 2268

Location : CSAH 14 (Main St.)
@ Wedgewood Dr.

Collection Period : 7 AM - 8 AM
AM PEAK



1390

#1

903

487	1	D
	8	C
	438	B
	40	A

CSAH 14

154

#2

Wedgewood Dr.

132	46	6	80	0
	E	F	G	H

22

CSAH 14

13	I
801	J
4	K
0	L
818	

#3

1346

528

50

Wedgewood Dr.

0	P
55	O
1	N
10	M
66	

#4

116

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

Anoka County Highway Department

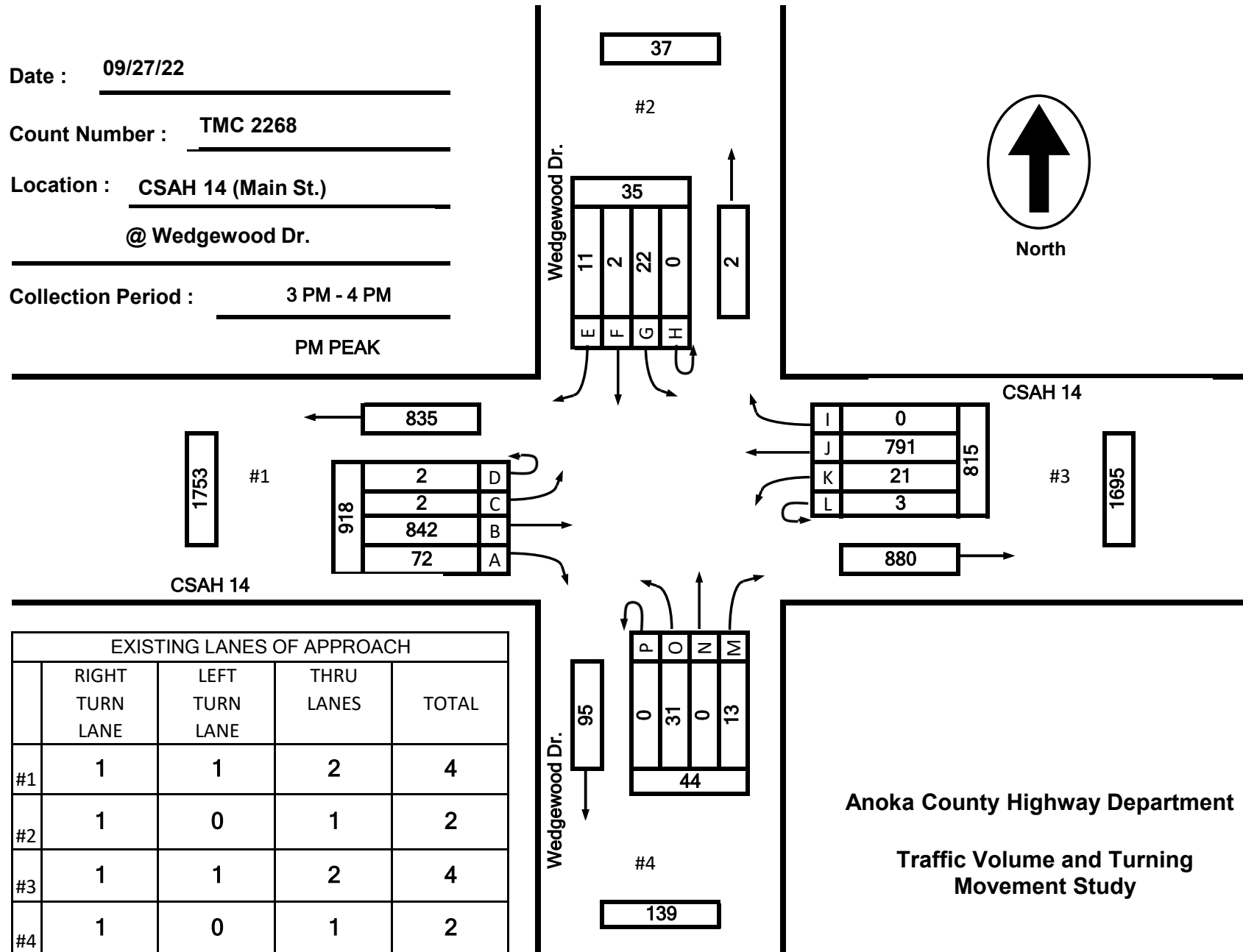
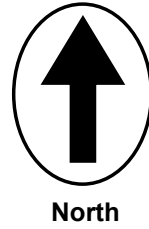
Traffic Volume and Turning Movement Study

Date : 09/27/22

Count Number : TMC 2268

Location : CSAH 14 (Main St.)
@ Wedgewood Dr.

Collection Period : 3 PM - 4 PM
PM PEAK



1753
#1

918	
2	D
2	C
842	B
72	A

37
#2

35			
11	2	22	0
E	F	G	H

2

1695
#3

815	
0	I
791	J
21	K
3	L

880

95
#4

44			
0	31	0	13
P	O	N	M

139

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

Anoka County Highway Department
 Traffic Volume and Turning Movement Study

TMC 2268
Anoka MN
Tuesday, September 27, 2022

Time	Southbound Wedgewood Dr.						Westbound CSAH 14 (Main St.)						Northbound Wedgewood Dr.						Eastbound CSAH 14 (Main St.)						VEHICLE TOTAL	
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total		
12:00 AM	0	0	0	0	0	0	0	0	10	1	0	11	0	0	0	1	0	0	1	0	0	13	1	0	14	26
12:15 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	1	0	0	0	1	0	0	14	0	0	14	20	
12:30 AM	0	0	0	0	0	0	1	0	8	0	0	9	0	0	0	0	0	0	0	0	11	2	0	13	22	
12:45 AM	0	0	0	1	0	1	0	0	5	0	0	5	0	1	0	0	0	1	0	0	8	0	0	8	15	
Hourly Total	0	0	0	1	0	1	1	0	28	1	0	30	0	2	0	1	0	3	0	0	46	3	0	49	83	
1:00 AM	0	1	0	0	0	1	0	0	5	0	0	5	0	0	0	0	0	0	0	0	19	0	0	19	25	
1:15 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	9	1	0	10	14	
1:30 AM	0	1	0	0	0	1	0	0	2	2	0	4	0	0	0	0	0	0	0	1	21	2	0	24	29	
1:45 AM	0	0	0	0	0	0	0	0	2	0	1	2	0	0	0	0	0	0	0	0	8	0	0	8	10	
Hourly Total	0	2	0	0	0	2	0	0	13	2	1	15	0	0	0	0	0	0	0	1	57	3	0	61	78	
2:00 AM	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	5	1	0	6	14	
2:15 AM	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	2	0	0	2	10	
2:30 AM	0	0	0	1	0	1	0	0	9	2	0	11	0	1	0	0	0	1	0	0	1	2	0	3	16	
2:45 AM	0	0	0	1	0	1	0	0	6	0	0	6	0	0	0	0	0	0	0	1	4	3	0	8	15	
Hourly Total	0	0	0	2	0	2	0	0	31	2	0	33	0	1	0	0	0	1	0	1	12	6	0	19	55	
3:00 AM	0	1	0	0	0	1	0	0	7	1	0	8	0	1	0	0	0	1	0	0	5	1	0	6	16	
3:15 AM	0	0	0	0	0	0	0	0	7	0	0	7	0	1	0	0	0	1	0	0	7	3	0	10	18	
3:30 AM	0	0	0	0	0	0	0	0	16	2	0	18	0	3	0	0	0	3	0	0	8	0	0	8	29	
3:45 AM	0	0	0	0	0	0	0	0	13	0	0	13	0	1	0	0	0	1	0	0	8	2	0	10	24	
Hourly Total	0	1	0	0	0	1	0	0	43	3	0	46	0	6	0	0	0	6	0	0	28	6	0	34	87	
4:00 AM	0	0	0	0	0	0	0	0	14	2	0	16	0	1	0	0	0	1	0	2	5	1	0	8	25	
4:15 AM	0	0	0	0	0	0	0	0	23	2	0	25	0	2	0	0	0	2	0	1	8	1	0	10	37	
4:30 AM	0	0	0	0	0	0	0	0	45	6	0	51	0	6	1	1	0	8	0	0	11	0	0	11	70	
4:45 AM	0	0	0	0	0	0	0	0	43	1	0	44	0	6	0	2	0	8	0	1	8	7	0	16	68	
Hourly Total	0	0	0	0	0	0	0	0	125	11	0	136	0	15	1	3	0	19	0	4	32	9	0	45	200	
5:00 AM	0	2	0	0	0	2	0	0	59	5	0	64	0	5	0	1	0	6	0	0	11	4	0	15	87	
5:15 AM	0	1	0	1	0	2	0	0	63	5	0	68	0	12	0	1	0	13	1	1	18	2	0	22	105	
5:30 AM	0	1	0	0	0	1	0	0	72	2	0	74	0	10	0	2	0	12	0	2	20	2	0	24	111	
5:45 AM	0	0	0	0	0	0	0	0	63	3	0	66	0	13	0	0	0	13	0	7	35	1	0	43	122	
Hourly Total	0	4	0	1	0	5	0	0	257	15	0	272	0	40	0	4	0	44	1	10	84	9	0	104	425	
6:00 AM	0	1	0	1	0	2	0	0	82	17	0	99	0	9	1	2	0	12	0	2	30	3	0	35	148	
6:15 AM	0	0	1	0	0	1	0	0	110	19	0	129	0	17	2	0	0	19	0	14	55	9	0	78	227	
6:30 AM	0	2	0	2	0	4	0	2	131	41	0	174	0	21	0	4	0	25	0	19	56	3	0	78	281	
6:45 AM	0	1	0	1	0	2	0	1	146	28	0	175	0	22	2	3	0	27	0	15	77	9	0	101	305	
Hourly Total	0	4	1	4	0	9	0	3	469	105	0	577	0	69	5	9	0	83	0	50	218	24	0	292	961	
7:00 AM	0	67	5	40	0	112	0	0	153	4	0	157	0	13	0	3	1	16	0	4	74	9	1	87	372	
7:15 AM	0	11	1	4	0	16	0	1	208	2	0	211	0	18	1	2	0	21	0	3	99	10	0	112	360	
7:30 AM	0	1	0	1	0	2	0	1	220	5	0	226	0	14	0	3	2	17	0	1	151	11	2	163	408	
7:45 AM	0	1	0	1	0	2	0	2	220	2	0	224	0	10	0	2	0	12	1	0	114	10	0	125	363	
Hourly Total	0	80	6	46	0	132	0	4	801	13	0	818	0	55	1	10	3	66	1	8	438	40	3	487	1503	

TMC 2268
Anoka MN
Tuesday, September 27, 2022

Time	Southbound Wedgewood Dr.						Westbound CSAH 14 (Main St.)						Northbound Wedgewood Dr.						Eastbound CSAH 14 (Main St.)						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
8:00 AM	0	1	0	2	0	3	0	0	185	3	0	188	0	7	0	2	0	9	0	3	118	4	0	125	325
8:15 AM	0	0	0	2	0	2	0	1	144	1	0	146	0	11	0	3	0	14	0	3	92	9	0	104	266
8:30 AM	0	1	0	1	0	2	0	3	145	0	0	148	0	9	0	3	0	12	1	0	94	9	0	104	266
8:45 AM	0	0	0	0	0	0	0	0	125	1	0	126	0	10	0	1	0	11	0	1	114	5	0	120	257
Hourly Total	0	2	0	5	0	7	0	4	599	5	0	608	0	37	0	9	0	46	1	7	418	27	0	453	1144
9:00 AM	0	2	0	0	0	2	0	2	136	0	0	138	0	13	0	1	0	14	0	2	108	3	0	113	267
9:15 AM	0	3	0	0	0	3	0	2	102	0	0	104	0	14	1	0	1	15	0	0	110	5	1	115	237
9:30 AM	0	0	0	1	0	1	0	3	144	1	0	148	0	10	0	6	0	16	0	1	126	7	0	134	299
9:45 AM	0	1	0	1	0	2	1	1	126	0	0	128	0	9	0	2	0	11	0	3	138	2	0	143	284
Hourly Total	0	6	0	2	0	8	1	8	508	1	0	518	0	46	1	9	1	56	0	6	482	17	1	505	1087
10:00 AM	0	0	0	2	0	2	0	4	134	1	0	139	0	4	0	2	2	6	0	3	124	7	2	134	281
10:15 AM	0	2	0	3	0	5	0	2	118	3	0	123	0	8	0	1	0	9	0	4	129	6	0	139	276
10:30 AM	0	1	0	2	0	3	0	1	139	0	0	140	0	5	0	4	1	9	0	1	145	8	1	154	306
10:45 AM	0	2	0	2	0	4	1	5	149	1	0	156	0	5	0	7	1	12	0	0	129	5	1	134	305
Hourly Total	0	5	0	8	0	13	1	12	540	5	0	558	0	22	0	14	4	36	0	8	527	26	4	561	1168
11:00 AM	0	3	0	3	0	6	0	1	133	3	0	137	0	12	0	2	0	14	0	1	144	8	0	153	310
11:15 AM	0	0	0	0	0	0	1	4	143	1	0	149	0	7	0	2	0	9	1	1	134	10	0	146	304
11:30 AM	0	3	1	2	0	6	1	5	135	4	0	145	0	11	0	4	1	15	0	0	165	7	1	172	338
11:45 AM	0	2	0	2	0	4	0	2	148	4	0	154	0	4	0	5	1	9	0	1	148	11	1	160	327
Hourly Total	0	8	1	7	0	16	2	12	559	12	0	585	0	34	0	13	2	47	1	3	591	36	2	631	1279
12:00 PM	0	3	0	1	0	4	0	4	165	3	0	172	0	5	0	9	0	14	0	0	171	9	0	180	370
12:15 PM	0	5	0	2	0	7	1	6	177	1	0	185	0	5	0	2	1	7	1	1	156	16	0	174	373
12:30 PM	0	0	0	1	0	1	0	4	165	2	0	171	0	11	0	3	1	14	0	1	169	10	0	180	366
12:45 PM	0	1	0	1	0	2	0	2	170	0	0	172	0	4	0	1	0	5	0	2	158	13	0	173	352
Hourly Total	0	9	0	5	0	14	1	16	677	6	0	700	0	25	0	15	2	40	1	4	654	48	0	707	1461
1:00 PM	0	4	0	2	0	6	0	2	158	1	0	161	0	8	0	7	1	15	0	1	158	8	1	167	349
1:15 PM	0	0	0	0	0	0	1	6	189	2	0	198	0	7	0	1	0	8	0	2	153	8	0	163	369
1:30 PM	0	1	0	1	0	2	0	3	189	1	0	193	0	5	0	2	0	7	0	0	147	7	0	154	356
1:45 PM	0	0	0	1	0	1	0	3	192	1	0	196	0	6	0	6	0	12	0	1	152	6	1	159	368
Hourly Total	0	5	0	4	0	9	1	14	728	5	0	748	0	26	0	16	1	42	0	4	610	29	2	643	1442
2:00 PM	0	4	0	3	0	7	0	2	150	1	0	153	0	8	0	3	0	11	0	0	188	10	0	198	369
2:15 PM	0	1	0	1	0	2	0	0	174	0	0	174	0	9	0	3	0	12	0	1	179	10	0	190	378
2:30 PM	0	0	0	2	0	2	2	5	185	0	0	192	0	7	0	3	1	10	0	0	170	15	1	185	389
2:45 PM	0	2	0	2	0	4	0	2	195	1	0	198	0	10	0	1	0	11	0	0	160	15	1	175	388
Hourly Total	0	7	0	8	0	15	2	9	704	2	0	717	0	34	0	10	1	44	0	1	697	50	2	748	1524
3:00 PM	0	11	1	6	0	18	2	8	180	0	0	190	0	6	0	2	2	8	0	1	223	14	0	238	454
3:15 PM	0	4	0	2	0	6	1	4	213	0	0	218	0	5	0	2	0	7	0	0	180	23	1	203	434
3:30 PM	0	6	1	1	0	8	0	5	205	0	0	210	0	8	0	4	0	12	2	0	246	18	2	266	496
3:45 PM	0	1	0	2	0	3	0	4	193	0	0	197	0	12	0	5	0	17	0	1	193	17	0	211	428
Hourly Total	0	22	2	11	0	35	3	21	791	0	0	815	0	31	0	13	2	44	2	2	842	72	3	918	1812

TMC 2268
Anoka MN
Tuesday, September 27, 2022

Time	Southbound Wedgewood Dr.						Westbound CSAH 14 (Main St.)						Northbound Wedgewood Dr.						Eastbound CSAH 14 (Main St.)						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
4:00 PM	0	2	0	7	0	9	0	8	191	2	0	201	0	15	0	6	3	21	0	0	166	33	1	199	430
4:15 PM	0	3	0	1	0	4	1	7	194	0	0	202	0	11	0	1	0	12	0	0	181	28	1	209	427
4:30 PM	0	2	0	2	0	4	0	3	226	0	1	229	0	12	0	3	0	15	0	1	198	14	1	213	461
4:45 PM	0	0	0	2	0	2	1	5	209	2	0	217	0	8	0	2	0	10	0	1	231	25	1	257	486
Hourly Total	0	7	0	12	0	19	2	23	820	4	1	849	0	46	0	12	3	58	0	2	776	100	4	878	1804
5:00 PM	0	1	0	3	0	4	2	10	192	1	0	205	0	9	0	3	0	12	0	3	175	16	0	194	415
5:15 PM	0	1	0	1	0	2	0	7	209	4	1	220	0	10	0	2	0	12	0	0	193	18	0	211	445
5:30 PM	0	0	0	0	0	0	1	5	216	0	0	222	0	10	0	4	2	14	0	1	176	12	0	189	425
5:45 PM	0	0	0	2	0	2	0	3	182	3	0	188	0	5	1	3	0	9	0	3	166	18	0	187	386
Hourly Total	0	2	0	6	0	8	3	25	799	8	1	835	0	34	1	12	2	47	0	7	710	64	0	781	1671
6:00 PM	0	1	0	2	0	3	0	8	146	6	0	160	1	6	2	9	0	18	0	3	151	17	0	171	352
6:15 PM	0	2	0	4	0	6	0	2	198	13	0	213	0	11	0	5	0	16	0	3	172	18	0	193	428
6:30 PM	0	0	0	2	0	2	0	3	160	37	0	200	0	7	0	5	0	12	0	10	123	10	0	143	357
6:45 PM	0	3	0	2	0	5	0	5	118	15	0	138	0	5	2	2	2	9	1	12	107	8	0	128	280
Hourly Total	0	6	0	10	0	16	0	18	622	71	0	711	1	29	4	21	2	55	1	28	553	53	0	635	1417
7:00 PM	1	61	5	52	0	119	0	4	141	2	0	147	0	8	0	2	0	10	1	1	113	11	0	126	402
7:15 PM	0	8	0	4	0	12	0	5	139	2	0	146	0	7	0	2	0	9	0	0	117	15	1	132	299
7:30 PM	0	1	0	0	0	1	0	1	118	0	0	119	0	7	1	3	1	11	0	0	110	8	0	118	249
7:45 PM	0	0	0	2	0	2	0	3	87	0	0	90	0	0	0	1	0	1	0	1	82	8	0	91	184
Hourly Total	1	70	5	58	0	134	0	13	485	4	0	502	0	22	1	8	1	31	1	2	422	42	1	467	1134
8:00 PM	0	1	0	0	0	1	0	5	96	0	0	101	0	2	0	0	0	2	0	0	62	6	0	68	172
8:15 PM	0	0	0	0	0	0	0	4	106	1	0	111	0	2	0	0	0	2	0	0	80	5	0	85	198
8:30 PM	0	0	0	1	0	1	0	4	73	0	0	77	0	5	0	2	0	7	0	1	75	6	0	82	167
8:45 PM	0	2	0	0	0	2	0	3	60	1	0	64	0	2	0	0	0	2	0	0	47	7	0	54	122
Hourly Total	0	3	0	1	0	4	0	16	335	2	0	353	0	11	0	2	0	13	0	1	264	24	0	289	659
9:00 PM	0	1	0	1	0	2	0	2	58	0	0	60	0	2	0	2	0	4	0	0	46	9	0	55	121
9:15 PM	0	0	0	0	0	0	0	2	47	0	0	49	0	1	0	1	0	2	0	0	47	3	0	50	101
9:30 PM	0	0	0	0	0	0	0	1	48	0	0	49	0	1	0	0	0	1	0	0	36	4	0	40	90
9:45 PM	0	0	0	0	0	0	0	1	31	0	0	32	0	3	0	1	0	4	1	0	27	4	0	32	68
Hourly Total	0	1	0	1	0	2	0	6	184	0	0	190	0	7	0	4	0	11	1	0	156	20	0	177	380
10:00 PM	0	0	0	1	0	1	0	2	40	0	0	42	0	3	0	1	0	4	0	1	28	6	0	35	82
10:15 PM	0	0	0	1	0	1	0	2	36	0	0	38	0	1	0	0	0	1	0	0	12	3	0	15	55
10:30 PM	0	0	0	0	0	0	0	1	23	1	0	25	0	1	0	1	0	2	0	0	19	1	0	20	47
10:45 PM	0	0	0	0	0	0	0	1	19	1	0	21	0	1	0	0	0	1	0	0	17	0	0	17	39
Hourly Total	0	0	0	2	0	2	0	6	118	2	0	126	0	6	0	2	0	8	0	1	76	10	0	87	223
11:00 PM	0	0	0	0	0	0	0	2	19	0	0	21	0	2	0	0	0	2	0	0	34	5	0	39	62
11:15 PM	0	0	0	0	0	0	0	1	19	0	0	20	0	0	0	0	0	0	0	0	19	1	0	20	40
11:30 PM	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	12	0	0	12	20
11:45 PM	0	0	0	0	0	0	0	0	13	1	0	14	0	0	0	0	0	0	0	0	6	2	0	8	22
Hourly Total	0	0	0	0	0	0	0	3	59	1	0	63	0	2	0	0	0	2	0	0	71	8	0	79	144
DAILY TOTAL	1	244	15	194	0	454	17	213	10295	280	3	10805	1	600	14	187	24	802	10	150	8764	726	22	9650	21711
Cars	1	219	15	173	0	408	17	204	10035	252	0	10508	1	586	14	183	13	784	8	130	8556	708	9	9402	21102
Heavy Vehicles	0	25	0	21	0	46	0	9	260	28	3	297	0	14	0	4	11	18	2	20	208	18	13	248	609
Heavy Vehicle %	0.00%	10.25%	0.00%	10.82%	0.00%	10.13%	0.00%	4.23%	2.53%	10.00%	100.00%	2.75%	0.00%	2.33%	0.00%	2.14%	45.83%	2.24%	20.00%	13.33%	2.37%	2.48%	59.09%	2.57%	2.81%

**TMC 2268
Anoka MN
Tuesday, September 27, 2022
AM Peak Hour**

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
7:00 AM	0	67	5	40	0	112	0	0	153	4	0	157	0	13	0	3	1	16	0	4	74	9	1	87	372
7:15 AM	0	11	1	4	0	16	0	1	208	2	0	211	0	18	1	2	0	21	0	3	99	10	0	112	360
7:30 AM	0	1	0	1	0	2	0	1	220	5	0	226	0	14	0	3	2	17	0	1	151	11	2	163	408
7:45 AM	0	1	0	1	0	2	0	2	220	2	0	224	0	10	0	2	0	12	1	0	114	10	0	125	363
Peak Hour Total PHF	0.000	0.299	0.300	0.288	0.000	0.295	0.000	0.500	0.910	0.650	0.000	0.905	0.000	0.764	0.250	0.833	0.375	0.786	0.250	0.500	0.725	0.909	0.375	0.747	0.921

PM Peak Hour

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
3:00 PM	0	11	1	6	0	18	2	8	180	0	0	190	0	6	0	2	2	8	0	1	223	14	0	238	454
3:15 PM	0	4	0	2	0	6	1	4	213	0	0	218	0	5	0	2	0	7	0	0	180	23	1	203	434
3:30 PM	0	6	1	1	0	8	0	5	205	0	0	210	0	8	0	4	0	12	2	0	246	18	2	266	496
3:45 PM	0	1	0	2	0	3	0	4	193	0	0	197	0	12	0	5	0	17	0	1	193	17	0	211	428
Peak Hour Total PHF	0.000	0.500	0.500	0.458	0.000	0.486	0.375	0.656	0.928	0.000	0.000	0.935	0.000	0.646	0.000	0.650	0.250	0.647	0.250	0.500	0.856	0.783	0.375	0.863	0.913

Total Vehicles On Leg		899	
Vehicles Entering Intersection		454	
Vehicles Exiting Intersection		445	
Southbound			
Cars	173	15	219
Heavy	21	0	25
Total	194	15	244



Total Vehicles on Leg 20749	Vehicles Entering Intersection 9650	Eastbound	Cars	9	13	22
			Heavy	8	2	10
			Total	130	20	150
	Vehicles Exiting Intersection 11099		Cars	8556	208	8764
			Heavy	708	18	726



Daily Volumes

Cars	252	28	280
Heavy	10035	260	10295
Total	204	9	213
Cars	17	0	17
Heavy	0	3	3
Total	0	3	3



Cars	13	1	586	14	183
Heavy	11	0	14	0	4
Total	24	1	600	14	187
Northbound					
Vehicles Entering Intersection			802		
Vehicles Exiting Intersection			955		
Total Vehicles On Leg			1757		



Heavy Vehicles

Date	Time	Southbound					Westbound					Northbound					Eastbound				
		U Turns	Left Turns	Straight Through	Right Turns	Bicycles in Crosswalk	U Turns	Left Turns	Straight Through	Right Turns	Bicycles in Crosswalk	U Turns	Left Turns	Straight Through	Right Turns	Bicycles in Crosswalk	U Turns	Left Turns	Straight Through	Right Turns	Bicycles in Crosswalk
09/27/2022	0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0:30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	0:45	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	1:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
	2:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	2:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2:30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	2:45	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
	3:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	3:15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	3:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	3:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0
	4:30	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
	4:45	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	5:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
	5:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
	5:30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
	5:45	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	0
	6:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	6:15	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	1	4	0	0
	6:30	0	0	0	2	0	0	1	7	1	0	0	0	0	0	0	0	0	4	0	0
	6:45	0	0	0	0	0	0	1	3	0	0	0	1	0	0	0	0	0	5	1	0
	7:00	0	1	0	1	0	0	0	13	1	0	0	0	0	1	0	1	1	4	1	1
	7:15	0	1	0	0	0	0	1	3	0	0	0	0	0	0	0	1	1	9	0	0
	7:30	0	1	0	0	0	0	0	6	2	0	0	0	1	0	0	0	0	10	0	0
	7:45	0	1	0	0	0	0	1	5	1	0	0	0	0	0	0	0	0	5	0	0
	8:00	0	1	0	1	0	0	0	11	1	0	0	0	0	0	0	0	0	7	0	0
	8:15	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	8	1	0
	8:30	0	1	0	1	0	0	2	1	0	0	0	0	0	0	0	0	0	4	0	0
	8:45	0	0	0	0	0	0	0	8	1	0	0	0	0	0	0	0	0	4	0	0
	9:00	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1	1	4	0	0
	9:15	0	2	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	2	1	0
	9:30	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	1	1	5	0	0
	9:45	0	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0	0	2	0	0
	10:00	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	2	5	0	0
	10:15	0	2	0	1	0	0	0	4	2	0	0	1	0	0	0	0	3	4	1	0
	10:30	0	1	0	2	0	0	0	3	0	0	0	0	0	1	0	1	1	8	1	1
	10:45	0	1	0	1	0	0	1	3	0	0	0	0	0	0	0	0	0	6	1	0
	11:00	0	0	0	0	0	0	0	3	1	0	0	2	0	0	0	0	0	7	1	0
	11:15	0	0	0	0	0	0	0	4	0	0	0	0	1	0	1	1	1	5	1	0
	11:30	0	0	0	1	0	0	0	8	2	0	0	0	0	1	0	0	1	1	0	1
	11:45	0	0	0	1	0	0	0	6	2	0	0	0	0	1	0	1	2	0	0	1

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2268

Study Date : 10/13/2022

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 14 (Main St.)

Number of Lanes : 2+

Total Approach Volume: 9,650

Westbound: CSAH 14 (Main St.)

Number of Lanes :2+

Total Approach Volume: 10,805

Minor Street Approaches

Northbound: Wedgewood Dr.

Number of Lanes :1

Total Approach Volume: 802

Southbound: Wedgewood Dr.

Number of Lanes :1

Total Approach Volume: 454

Warrant Summary (Rural Values Apply)

Warrant 1 - Eight Hour Vehicular Volumes.....Not Satisfied

Warrant 1A - Minimum Vehicular Volume.....Not Satisfied

Required volumes reached for 2 hours, 8 are needed

Warrant 1B - Interruption of Continuous Traffic.....Not Satisfied

Required volumes reached for 6 hours, 8 are needed

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

Required 1A volumes reached for 2 hours, 8 are needed

Required 1B volumes reached for 14 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.....Satisfied

Warrant 3A - Peak Hour Delay.....Satisfied

Number of one hour periods (8) volumes exceed minimum \geq required (1). Delay data not evaluated.

Warrant 3B - Peak Hour Volumes.....Satisfied

Volumes exceed minimums for at least 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 2268

Study Date : 10/13/2022

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

Site Data Required

Rural Settings Apply = **True**
 Number of Major Lanes = **2 or more**
 Number of Minor Lanes = **1**

Volume Requirements

Rural Factor of 70 % applied
 Veh/Hr Major = **420**
 Veh/Hr Minor = **105**

Time	Major Road CSAH 14 (Main St.)				Total	Minor Road Wedgewood Dr.		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
18:15 - 19:15	590	+	698	=	1288	47	132	Yes
06:15 - 07:15	344	+	635	=	979	87	119	Yes
16:30 - 17:30	875	+	871	=	1746	49	12	No
15:00 - 16:00	918	+	815	=	1733	44	35	No
16:00 - 17:00	878	+	849	=	1727	58	19	No
16:15 - 17:15	873	+	853	=	1726	49	14	No
16:45 - 17:45	851	+	864	=	1715	48	8	No
15:15 - 16:15	879	+	826	=	1705	57	26	No
14:45 - 15:45	882	+	816	=	1698	38	36	No
15:30 - 16:30	885	+	810	=	1695	62	24	No
15:45 - 16:45	832	+	829	=	1661	65	20	No
17:00 - 18:00	781	+	835	=	1616	47	8	No
14:30 - 15:30	801	+	798	=	1599	36	30	No
17:15 - 18:15	758	+	790	=	1548	53	7	No
14:15 - 15:15	788	+	754	=	1542	41	26	No
17:30 - 18:30	740	+	783	=	1523	57	11	No
14:00 - 15:00	748	+	717	=	1465	44	15	No
17:45 - 18:45	694	+	761	=	1455	55	13	No
13:45 - 14:45	732	+	715	=	1447	45	12	No
13:30 - 14:30	701	+	716	=	1417	42	12	No
13:15 - 14:15	674	+	740	=	1414	38	10	No
12:00 - 13:00	707	+	700	=	1407	40	14	No
13:00 - 14:00	643	+	748	=	1391	42	9	No
12:30 - 13:30	683	+	702	=	1385	42	9	No
12:15 - 13:15	694		689		1383	41	16	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2268

Study Date : 10/13/2022

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

Site Data Required

Rural Settings Apply = **True**
 Number of Major Lanes = **2 or more**
 Number of Minor Lanes = **1**

Volume Requirements

Rural Factor of 70 % applied
 Veh/Hr Major = **630**
 Veh/Hr Minor = **53**

Time	Major Road				Total	Minor Road		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
15:15 - 16:15	879	+	826	=	1705	57	26	Yes
17:15 - 18:15	758	+	790	=	1548	53	7	Yes
18:15 - 19:15	590	+	698	=	1288	47	132	Yes
06:45 - 07:45	463	+	769	=	1232	81	132	Yes
08:45 - 09:45	482	+	516	=	998	56	6	Yes
05:45 - 06:45	234	+	468	=	702	69	7	Yes
16:30 - 17:30	875	+	871	=	1746	49	12	No
15:00 - 16:00	918	+	815	=	1733	44	35	No
16:15 - 17:15	873	+	853	=	1726	49	14	No
16:45 - 17:45	851	+	864	=	1715	48	8	No
14:45 - 15:45	882	+	816	=	1698	38	36	No
17:00 - 18:00	781	+	835	=	1616	47	8	No
14:30 - 15:30	801	+	798	=	1599	36	30	No
14:15 - 15:15	788	+	754	=	1542	41	26	No
14:00 - 15:00	748	+	717	=	1465	44	15	No
13:45 - 14:45	732	+	715	=	1447	45	12	No
13:30 - 14:30	701	+	716	=	1417	42	12	No
13:15 - 14:15	674	+	740	=	1414	38	10	No
12:00 - 13:00	707	+	700	=	1407	40	14	No
13:00 - 14:00	643	+	748	=	1391	42	9	No
12:30 - 13:30	683	+	702	=	1385	42	9	No
12:15 - 13:15	694	+	689	=	1383	41	16	No
12:45 - 13:45	657	+	724	=	1381	35	10	No
11:45 - 12:45	694	+	682	=	1376	44	16	No
11:30 - 12:30	686		656		1342	45	21	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2268

Study Date : 10/13/2022

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 2 hours meet 1A minimums.
14 hours meet 1B minimums.
Warrant is NOT met.

Site Data Required

Rural Settings Apply = **True**
Number of Major Lanes = **2 or more**
Number of Minor Lanes = **1**

Volume Requirements

Rural Factor of 70% applied
Warrant 1A 1B
Veh/Hr Major = **336 504**

Veh/Hr Minor = **84 42**

Major Road CSAH 14 (Main St.)

Minor Road Wedgewood Dr.

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1A?
18:15 - 19:15	590	+	698	=	1288	47	132	Yes
06:15 - 07:15	344	+	635	=	979	87	119	Yes
16:30 - 17:30	875	+	871	=	1746	49	12	No
15:00 - 16:00	918	+	815	=	1733	44	35	No
16:00 - 17:00	878	+	849	=	1727	58	19	No
16:15 - 17:15	873	+	853	=	1726	49	14	No
16:45 - 17:45	851	+	864	=	1715	48	8	No
15:15 - 16:15	879	+	826	=	1705	57	26	No
14:45 - 15:45	882	+	816	=	1698	38	36	No
15:30 - 16:30	885	+	810	=	1695	62	24	No
15:45 - 16:45	832	+	829	=	1661	65	20	No
17:00 - 18:00	781	+	835	=	1616	47	8	No

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?
15:00 - 16:00	918	+	815	=	1733	44	35	Yes
16:00 - 17:00	878	+	849	=	1727	58	19	Yes
17:00 - 18:00	781	+	835	=	1616	47	8	Yes
13:30 - 14:30	701	+	716	=	1417	42	12	Yes
12:30 - 13:30	683	+	702	=	1385	42	9	Yes
18:00 - 19:00	635	+	711	=	1346	55	16	Yes
11:30 - 12:30	686	+	656	=	1342	45	21	Yes
07:30 - 08:30	517	+	784	=	1301	52	9	Yes
10:30 - 11:30	587	+	582	=	1169	44	12	Yes
06:30 - 07:30	378	+	717	=	1095	89	134	Yes
09:30 - 10:30	550	+	538	=	1088	42	10	Yes
19:00 - 20:00	467	+	502	=	969	31	134	Yes

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2268

Study Date : 10/13/2022

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.

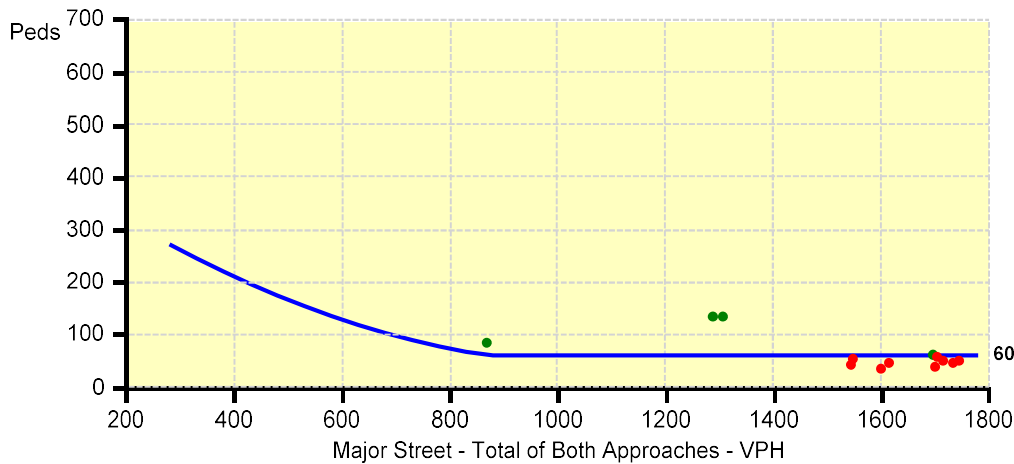
Summary

4 one hour periods meet minimums.
Warrant IS met.

Site Data Required

Rural Settings Apply = **True**
 Number of Major Lanes = **2 or more**
 Number of Minor Lanes = **1**

Time	Major Road CSAH 14 (Main St.)				Total	Minor Road Wedgewood Dr.		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
15:30 - 16:30	885	+	810	=	1695	62	24	Yes
07:00 - 08:00	487	+	818	=	1305	66	132	Yes
18:15 - 19:15	590	+	698	=	1288	47	132	Yes
06:00 - 07:00	292	+	577	=	869	83	9	Yes
16:30 - 17:30	875	+	871	=	1746	49	12	No
15:00 - 16:00	918	+	815	=	1733	44	35	No
16:45 - 17:45	851	+	864	=	1715	48	8	No
15:15 - 16:15	879	+	826	=	1705	57	26	No
14:45 - 15:45	882	+	816	=	1698	38	36	No
17:00 - 18:00	781	+	835	=	1616	47	8	No
14:30 - 15:30	801	+	798	=	1599	36	30	No
							7	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2268

Study Date : 10/13/2022

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

8 one hour periods meet minimums.
Warrant IS met.

Site Data Required

Rural Settings Apply = **True**
 Number of Major Lanes = **2 or more**
 Number of Minor Lanes = **1**

Time	Major Road CSAH 14 (Main St.)				Total	Minor Road Wedgewood Dr.		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
07:00 - 08:00	487	+	818	=	1305	66	132	Yes
18:15 - 19:15	590	+	698	=	1288	47	132	Yes
06:45 - 07:45	463	+	769	=	1232	81	132	Yes
18:30 - 19:30	529	+	631	=	1160	40	138	Yes
06:30 - 07:30	378	+	717	=	1095	89	134	Yes
18:45 - 19:45	504	+	550	=	1054	39	137	Yes
06:15 - 07:15	344	+	635	=	979	87	119	Yes
19:00 - 20:00	467	+	502	=	969	31	134	Yes
16:30 - 17:30	875	+	871	=	1746	49	12	No
15:00 - 16:00	918	+	815	=	1733	44	35	No
16:00 - 17:00	878	+	849	=	1727	58	19	No
							14	No

