

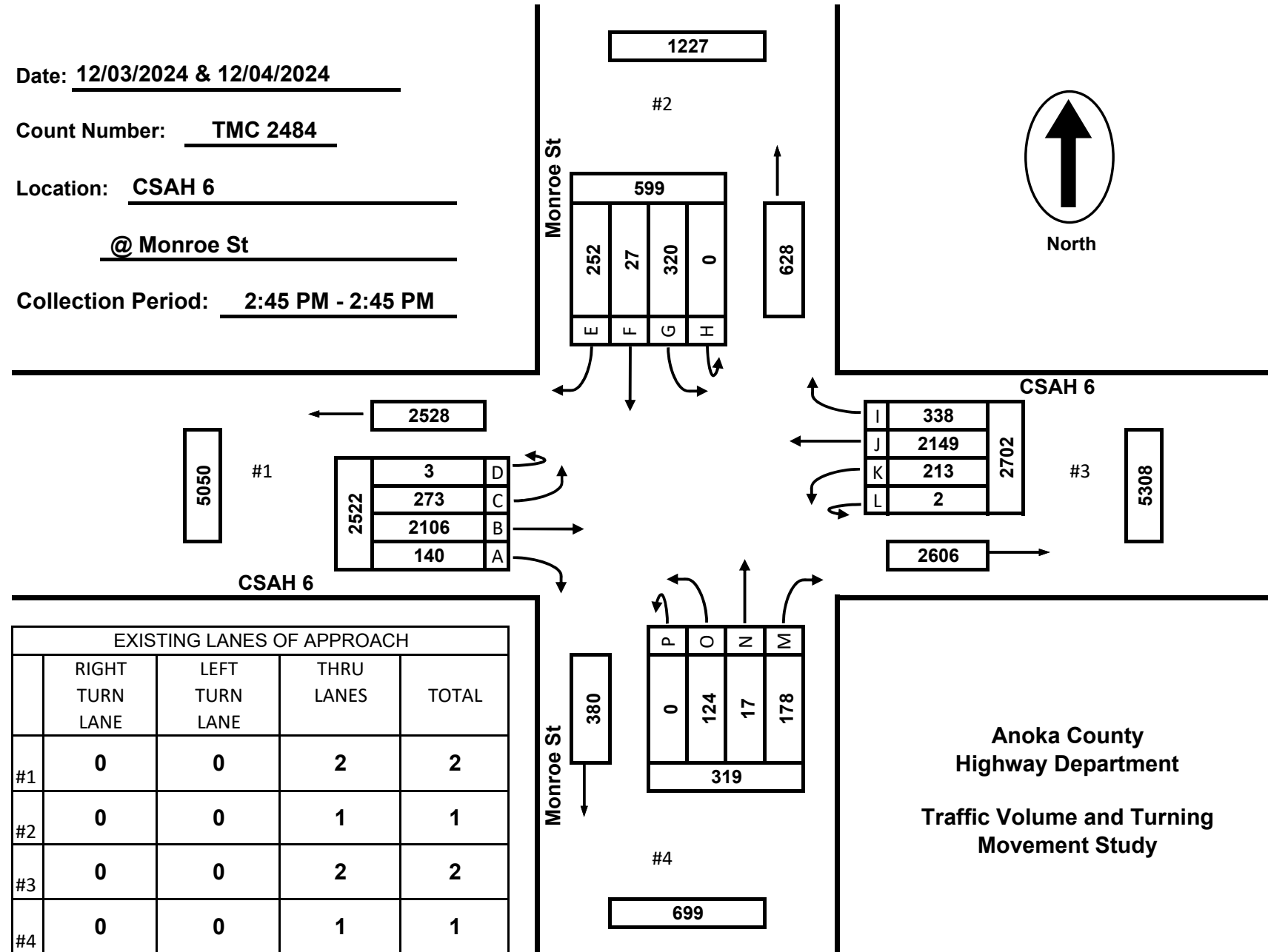
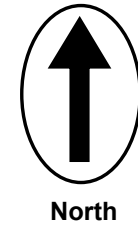
Date: 12/03/2024 & 12/04/2024

Count Number: TMC 2484

Location: CSAH 6

@ Monroe St

Collection Period: 2:45 PM - 2:45 PM



1227

#2

599			
E	F	G	H
252	27	320	0

628

CSAH 6

I	338	2702
J	2149	
K	213	
L	2	

#3

5308

2606

CSAH 6

5050

#1

2522	3	D
	273	C
	2106	B
	140	A

Monroe St

Monroe St

P	O	N	M
0	124	17	178
319			

#4

699

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

Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

Date: 12/03/2024 & 12/04/2024

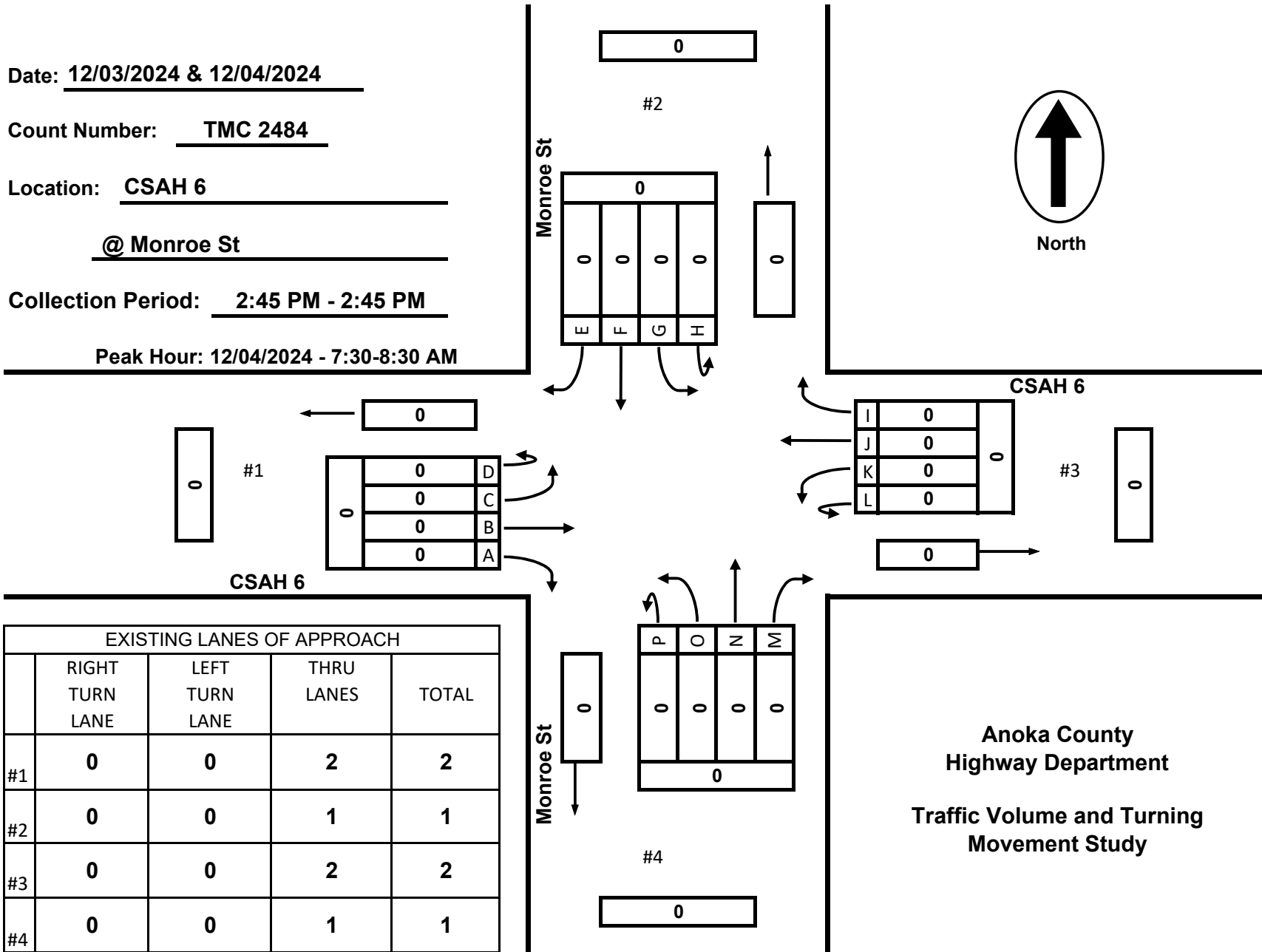
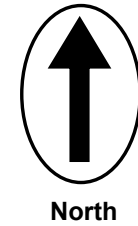
Count Number: TMC 2484

Location: CSAH 6

@ Monroe St

Collection Period: 2:45 PM - 2:45 PM

Peak Hour: 12/04/2024 - 7:30-8:30 AM



**TMC 2484 - CSAH 6 @ Monroe St
Fridley MN
Tuesday, December 3rd, 2024**

Time	Southbound Monroe St						Westbound CSAH 6						Northbound Monroe St						Eastbound CSAH 6						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	
2:45 PM	0	6	0	4	0	10	0	1	43	5	0	49	0	4	0	2	0	6	0	6	50	3	0	59	124
Hourly Total	0	6	0	4	0	10	0	1	43	5	0	49	0	4	0	2	0	6	0	6	50	3	0	59	124
3:00 PM	0	5	1	4	0	10	0	1	71	9	0	81	0	2	0	1	0	3	0	3	49	2	0	54	148
3:15 PM	0	9	0	3	0	12	0	1	64	9	0	74	0	1	1	3	0	5	1	7	38	4	1	50	141
3:30 PM	0	8	1	8	0	17	0	8	55	14	0	77	0	3	0	0	0	3	0	11	50	5	0	66	163
3:45 PM	0	27	3	23	3	53	0	5	53	16	0	74	0	6	0	6	6	12	0	8	60	2	26	70	209
Hourly Total	0	49	5	38	3	92	0	15	243	48	0	306	0	12	1	10	6	23	1	29	197	13	27	240	661
4:00 PM	0	12	0	15	0	27	0	7	53	7	0	67	0	3	2	4	0	9	0	7	60	3	0	70	173
4:15 PM	0	7	0	10	0	17	0	6	52	4	0	62	0	3	0	4	0	7	0	7	49	1	0	57	143
4:30 PM	0	5	1	7	0	13	0	6	45	7	0	58	0	5	0	5	0	10	0	7	57	4	0	68	149
4:45 PM	0	7	1	7	0	15	0	5	53	9	0	67	0	2	1	10	0	13	0	5	61	1	0	67	162
Hourly Total	0	31	2	39	0	72	0	24	203	27	0	254	0	13	3	23	0	39	0	26	227	9	0	262	627
5:00 PM	0	9	0	2	0	11	0	9	52	10	0	71	0	5	1	5	0	11	0	8	57	7	0	72	165
5:15 PM	0	10	0	7	0	17	0	11	51	8	0	70	0	3	0	9	0	12	0	3	46	3	0	52	151
5:30 PM	0	7	0	2	0	9	0	8	38	9	0	55	0	4	0	4	0	8	0	5	40	3	0	48	120
5:45 PM	0	3	0	6	0	9	0	4	40	1	0	45	0	3	0	4	0	7	0	8	46	5	0	59	120
Hourly Total	0	29	0	17	0	46	0	32	181	28	0	241	0	15	1	22	0	38	0	24	189	18	0	231	556
6:00 PM	0	3	0	0	0	3	0	5	34	4	0	43	0	2	1	3	0	6	0	4	45	6	0	55	107
6:15 PM	0	1	0	2	0	3	1	3	25	1	0	30	0	2	0	2	0	4	0	3	18	1	0	22	59
6:30 PM	0	2	0	4	0	6	0	3	18	3	0	24	0	3	0	3	0	6	0	6	28	1	0	35	71
6:45 PM	0	1	0	2	0	3	0	2	13	1	0	16	0	1	0	0	0	1	0	2	32	0	0	34	54
Hourly Total	0	7	0	8	0	15	1	13	90	9	0	113	0	8	1	8	0	17	0	15	123	8	0	146	291
7:00 PM	0	2	2	2	0	6	0	3	13	1	0	17	0	0	0	1	0	1	0	1	13	0	0	14	38
7:15 PM	0	7	0	0	0	7	0	0	24	3	0	27	0	0	0	2	0	2	0	1	15	2	0	18	54
7:30 PM	0	1	0	0	0	1	0	2	13	1	0	16	0	0	1	2	0	3	0	3	16	2	0	21	41
7:45 PM	0	3	0	1	0	4	0	3	11	3	0	17	0	2	0	7	0	9	0	2	12	0	0	14	44
Hourly Total	0	13	2	3	0	18	0	8	61	8	0	77	0	2	1	12	0	15	0	7	56	4	0	67	177
8:00 PM	0	2	1	0	0	3	0	1	20	2	0	23	0	0	0	0	0	0	0	1	16	0	0	17	43
8:15 PM	0	1	1	3	0	5	0	2	19	2	0	23	0	0	0	0	0	0	0	2	13	1	0	16	44
8:30 PM	0	1	0	1	0	2	0	1	5	2	0	8	0	2	0	2	0	4	0	1	13	2	0	16	30
8:45 PM	0	1	0	1	0	2	0	0	20	1	0	21	0	0	0	1	0	1	0	3	9	1	0	13	37
Hourly Total	0	5	2	5	0	12	0	4	64	7	0	75	0	2	0	3	0	5	0	7	51	4	0	62	154
9:00 PM	0	0	0	0	0	0	0	1	19	0	0	20	0	0	0	0	0	0	0	3	10	1	0	14	34
9:15 PM	0	0	0	2	0	2	0	0	7	4	0	11	0	1	0	1	0	2	0	1	18	3	0	22	37
9:30 PM	0	0	0	0	0	0	0	2	6	1	0	9	0	1	0	1	0	2	0	3	6	0	0	9	20
9:45 PM	0	2	0	0	0	2	0	1	9	4	0	14	0	0	0	0	0	0	0	0	3	0	0	3	19
Hourly Total	0	2	0	2	0	4	0	4	41	9	0	54	0	2	0	2	0	4	0	7	37	4	0	48	110
10:00 PM	0	2	0	2	0	4	0	0	3	3	0	6	0	0	0	0	0	0	0	0	1	0	0	1	11
10:15 PM	0	0	0	0	0	0	0	0	8	2	0	10	0	0	0	0	0	0	0	2	8	0	0	10	20
10:30 PM	0	1	0	0	0	1	0	0	3	0	0	3	0	2	0	1	0	3	0	1	5	0	0	6	13
10:45 PM	0	1	0	1	0	2	0	1	3	1	0	5	0	0	1	1	0	2	0	0	4	0	0	4	13
Hourly Total	0	4	0	3	0	7	0	1	17	6	0	24	0	2	1	2	0	5	0	3	18	0	0	21	57
11:00 PM	0	0	0	0	0	0	0	0	4	1	0	5	0	0	0	0	0	0	0	0	5	0	0	5	10
11:15 PM	0	1	0	0	0	1	0	0	2	2	0	4	0	0	0	0	0	0	0	0	4	0	0	4	9
11:30 PM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	2	1	0	3	9
11:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	1	0	2	7	0	0	9	12
Hourly Total	0	1	0	0	0	1	0	0	14	3	0	17	0	0	0	1	0	1	0	2	18	1	0	21	40
DAILY TOTAL	0	147	11	119	3	277	1	102	957	150	0	1210	0	60	8	85	6	153	1	126	966	64	27	1157	2797
Cars	0	144	11	117	3	272	1	102	938	150	0	1191	0	60	8	85	6	153	1	126	950	63	27	1140	2756
Heavy Vehicles	0	3	0	2	0	5	0	0	19	0	0	19	0	0	0	0	0	0	0	0	16	1	0	17	41
Heavy Vehicle %	0.00%	2.04%	0.00%	1.68%	0.00%	1.81%	0.00%	0.00%	1.99%	0.00%	0.00%	1.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.66%	1.56%	0.00%	1.47%	1.47%

		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		
3:30 PM	0	8	1	8	0	17	0	8	55	14	0	77	0	3	0	0	0	3	0	11	50	5	0	66	163	
3:45 PM	0	27	3	23	3	53	0	5	53	16	0	74	0	6	0	6	6	12	0	8	60	2	26	70	209	
4:00 PM	0	12	0	15	0	27	0	7	53	7	0	67	0	3	2	4	0	9	0	7	60	3	0	70	173	
4:15 PM	0	7	0	10	0	17	0	6	52	4	0	62	0	3	0	4	0	7	0	7	49	1	0	57	143	
Peak Hour Total	0	54	4	56	3	114	0	26	213	41	0	280	0	15	2	14	6	31	0	33	219	11	26	263	688	
PHF	0.000	0.500	0.333	0.609	0.250	0.538	0.000	0.813	0.968	0.641	0.000	0.909	0.000	0.625	0.250	0.583	0.250	0.646	0.000	0.750	0.913	0.550	0.250	0.939	0.823	

**TMC 2484 - CSAH 6 @ Monroe St
Fridley MN
Wednesday, December 4, 2024**

Time	Southbound Monroe St						Westbound CSAH 6						Northbound Monroe St						Eastbound CSAH 6						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	5	0	4	0	9	0	13	76	5	0	94	0	5	1	10	0	16	0	8	31	4	0	43	162
8:15 AM	0	5	0	9	0	14	0	4	53	2	0	59	0	2	0	6	0	8	0	5	27	1	0	33	114
8:30 AM	0	6	0	6	0	12	0	3	37	5	0	45	0	4	1	3	0	8	0	8	17	1	0	26	91
8:45 AM	0	18	0	22	4	40	0	4	41	25	0	70	0	4	3	6	0	13	0	16	37	2	24	55	178
Hourly Total	0	34	0	41	4	75	0	24	207	37	0	268	0	15	5	25	0	45	0	37	112	8	24	157	545
9:00 AM	0	27	5	23	0	55	0	3	44	16	0	63	0	3	2	1	0	6	0	10	27	0	1	37	161
9:15 AM	0	5	0	3	0	8	0	3	34	0	0	37	0	4	0	2	0	6	0	3	24	3	1	30	81
9:30 AM	0	5	0	3	0	8	0	3	30	2	1	35	0	1	1	3	0	5	0	2	23	3	0	28	76
9:45 AM	0	2	0	4	0	6	0	1	23	0	0	24	0	1	0	4	0	5	0	2	39	0	0	41	76
Hourly Total	0	39	5	33	0	77	0	10	131	18	1	159	0	9	3	10	0	22	0	17	113	6	2	136	394
10:00 AM	0	2	0	2	0	4	0	3	35	3	0	41	0	2	0	1	0	3	0	3	21	1	1	25	73
10:15 AM	0	2	0	3	0	5	0	0	26	3	0	29	0	1	0	2	0	3	0	0	24	0	0	24	61
10:30 AM	0	3	0	4	0	7	0	1	18	3	0	22	0	1	0	3	0	4	0	3	23	2	0	28	61
10:45 AM	0	3	0	3	0	6	0	1	37	2	0	40	0	2	0	0	0	2	0	6	22	1	0	29	77
Hourly Total	0	10	0	12	0	22	0	5	116	11	0	132	0	6	0	6	0	12	0	12	90	4	1	106	272
11:00 AM	0	2	1	2	0	5	0	0	22	1	0	23	0	0	0	3	0	3	0	1	22	0	0	23	54
11:15 AM	0	0	0	6	0	6	0	0	30	2	0	32	0	0	0	3	0	3	0	1	30	0	0	31	72
11:30 AM	0	2	0	4	0	6	0	0	40	5	0	45	0	5	0	0	0	5	0	3	39	2	0	44	100
11:45 AM	0	3	0	1	1	4	0	1	37	2	0	40	0	2	0	3	0	5	0	3	31	3	0	37	86
Hourly Total	0	7	1	13	1	21	0	1	129	10	0	140	0	7	0	9	0	16	0	8	122	5	0	135	312
12:00 PM	0	2	0	0	0	2	0	0	36	6	0	42	0	0	0	3	0	3	0	5	32	1	0	38	85
12:15 PM	0	3	0	1	0	4	0	3	45	3	0	51	0	1	0	1	1	2	0	4	31	0	1	35	92
12:30 PM	0	2	0	6	1	8	0	3	40	2	0	45	0	0	1	1	0	2	0	2	35	1	0	38	93
12:45 PM	0	5	0	3	0	8	0	2	33	3	0	38	0	0	0	1	0	1	0	4	21	3	0	28	75
Hourly Total	0	12	0	10	1	22	0	8	154	14	0	176	0	1	1	6	1	8	0	15	119	5	1	139	345
1:00 PM	0	6	0	3	0	9	0	4	41	1	0	46	0	2	0	0	0	2	0	2	32	0	0	34	91
1:15 PM	0	2	0	6	0	8	0	2	32	5	0	39	0	3	0	0	0	3	0	1	25	1	0	27	77
1:30 PM	1	3	0	2	1	6	0	1	36	5	0	42	0	0	0	2	0	2	0	3	37	1	0	41	91
1:45 PM	0	4	0	4	0	8	0	2	35	3	0	40	0	0	0	1	0	1	0	3	33	0	0	36	85
Hourly Total	1	15	0	15	1	31	0	9	144	14	0	167	0	5	0	3	0	8	0	9	127	2	0	138	344
2:00 PM	0	4	0	3	0	7	0	0	31	2	0	33	0	1	0	2	0	3	0	4	37	0	0	41	84
2:15 PM	0	3	0	3	0	6	0	1	39	2	0	42	0	0	0	0	0	0	0	1	40	2	0	43	91
2:30 PM	0	8	0	3	0	11	0	3	44	0	0	47	0	2	0	0	0	2	0	7	35	4	0	46	106
2:45 PM	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
Hourly Total	0	15	0	9	0	24	0	4	114	4	0	122	0	3	0	2	0	5	0	12	112	6	0	130	281

**TMC 2484 - CSAH 6 @ Monroe St
Fridley MN
Wednesday, December 4th, 2024
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	
7:30 AM	0	12	1	4	1	17	0	15	75	4	0	94	0	6	0	9	0	15	0	5	39	4	0	48	174
7:45 AM	0	10	0	5	0	15	0	9	87	3	1	99	0	10	0	7	0	17	0	10	35	4	0	49	180
8:00 AM	0	5	0	4	0	9	0	13	76	5	0	94	0	5	1	10	0	16	0	8	31	4	0	43	162
8:15 AM	0	5	0	9	0	14	0	4	53	2	0	59	0	2	0	6	0	8	0	5	27	1	0	33	114
Peak Hour Total	0	32	1	22	1	55	0	41	291	14	1	346	0	23	1	32	0	56	0	28	132	13	0	173	630
PHF	0.000	0.667	0.250	0.611	0.250	0.809	0.000	0.683	0.836	0.700	0.250	0.874	0.000	0.575	0.250	0.800	0.000	0.824	0.000	0.700	0.846	0.813	0.000	0.883	0.875

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2484

Study Date : 12/26/2024

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 6

Number of Lanes : 2+

Total Approach Volume: 2,363

Westbound: CSAH 6

Number of Lanes :2+

Total Approach Volume: 2,793

Minor Street Approaches

Northbound: Monroe St

Number of Lanes :1

Total Approach Volume: 331

Southbound: Monroe St

Number of Lanes :1

Total Approach Volume: 658

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: TMC 2484

Study Date : 12/26/2024

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 = **2 or more**
 Number of Minor Lanes = **1**

Volume Requirements

Veh/Hr Major = **600**

Veh/Hr Minor = **150**

Time	Major Road				Total	Minor Road		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
15:15 - 16:15	256	+	292	=	548	29	109	No
15:00 - 16:00	240	+	306	=	546	23	92	No
15:30 - 16:30	263	+	280	=	543	31	114	No
15:45 - 16:45	265	+	261	=	526	38	110	No
16:30 - 17:30	259	+	266	=	525	46	56	No
16:15 - 17:15	264	+	258	=	522	41	56	No
07:30 - 08:30	173	+	346	=	519	56	55	No
16:00 - 17:00	262	+	254	=	516	39	72	No
14:45 - 15:45	229	+	281	=	510	17	49	No
07:15 - 08:15	174	+	332	=	506	52	55	No
16:45 - 17:45	239	+	263	=	502	44	52	No
17:00 - 18:00	231	+	241	=	472	38	46	No
14:30 - 15:30	209	+	251	=	460	16	43	No
07:45 - 08:45	151	+	297	=	448	49	50	No
17:15 - 18:15	214	+	213	=	427	33	38	No
08:00 - 09:00	157	+	268	=	425	45	75	No
14:15 - 15:15	202	+	219	=	421	11	37	No
07:00 - 08:00	146	+	269	=	415	41	54	No
08:15 - 09:15	151	+	237	=	388	35	121	No
08:30 - 09:30	148	+	215	=	363	33	115	No
14:00 - 15:00	189	+	171	=	360	11	34	No
17:30 - 18:30	184	+	173	=	357	25	24	No
08:45 - 09:45	150	+	205	=	355	30	111	No
11:30 - 12:30	154	+	178	=	332	15	16	No
13:45 - 14:45	166		162		328	6	32	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2484

Study Date : 12/26/2024

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 = **2 or more**
 Number of Minor Lanes = **1**

Volume Requirements

Veh/Hr Major = **900**

Veh/Hr Minor = **75**

Time	Major Road				Total	Minor Road		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
15:15 - 16:15	256	+	292	=	548	29	109	No
15:00 - 16:00	240	+	306	=	546	23	92	No
15:30 - 16:30	263	+	280	=	543	31	114	No
15:45 - 16:45	265	+	261	=	526	38	110	No
16:30 - 17:30	259	+	266	=	525	46	56	No
16:15 - 17:15	264	+	258	=	522	41	56	No
07:30 - 08:30	173	+	346	=	519	56	55	No
16:00 - 17:00	262	+	254	=	516	39	72	No
14:45 - 15:45	229	+	281	=	510	17	49	No
07:15 - 08:15	174	+	332	=	506	52	55	No
16:45 - 17:45	239	+	263	=	502	44	52	No
17:00 - 18:00	231	+	241	=	472	38	46	No
14:30 - 15:30	209	+	251	=	460	16	43	No
07:45 - 08:45	151	+	297	=	448	49	50	No
17:15 - 18:15	214	+	213	=	427	33	38	No
08:00 - 09:00	157	+	268	=	425	45	75	No
14:15 - 15:15	202	+	219	=	421	11	37	No
07:00 - 08:00	146	+	269	=	415	41	54	No
08:15 - 09:15	151	+	237	=	388	35	121	No
08:30 - 09:30	148	+	215	=	363	33	115	No
14:00 - 15:00	189	+	171	=	360	11	34	No
17:30 - 18:30	184	+	173	=	357	25	24	No
08:45 - 09:45	150	+	205	=	355	30	111	No
11:30 - 12:30	154	+	178	=	332	15	16	No
13:45 - 14:45	166		162		328	6	32	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2484

Study Date : 12/26/2024

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 = **2 or more**
Number of Minor Lanes = **1**

Volume Requirements

Warrant 1A 1B
Veh/Hr Major = **480 720**

Veh/Hr Minor = **120 60**

Major Road CSAH 6

Minor Road Monroe St

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1A?
15:15 - 16:15	256	+	292	=	548	29	109	No
15:00 - 16:00	240	+	306	=	546	23	92	No
15:30 - 16:30	263	+	280	=	543	31	114	No
15:45 - 16:45	265	+	261	=	526	38	110	No
16:30 - 17:30	259	+	266	=	525	46	56	No
16:15 - 17:15	264	+	258	=	522	41	56	No
07:30 - 08:30	173	+	346	=	519	56	55	No
16:00 - 17:00	262	+	254	=	516	39	72	No
14:45 - 15:45	229	+	281	=	510	17	49	No
07:15 - 08:15	174	+	332	=	506	52	55	No
16:45 - 17:45	239	+	263	=	502	44	52	No
17:00 - 18:00	231	+	241	=	472	38	46	No

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?
15:15 - 16:15	256	+	292	=	548	29	109	No
15:00 - 16:00	240	+	306	=	546	23	92	No
15:30 - 16:30	263	+	280	=	543	31	114	No
15:45 - 16:45	265	+	261	=	526	38	110	No
16:30 - 17:30	259	+	266	=	525	46	56	No
16:15 - 17:15	264	+	258	=	522	41	56	No
07:30 - 08:30	173	+	346	=	519	56	55	No
16:00 - 17:00	262	+	254	=	516	39	72	No
14:45 - 15:45	229	+	281	=	510	17	49	No
07:15 - 08:15	174	+	332	=	506	52	55	No
16:45 - 17:45	239	+	263	=	502	44	52	No
17:00 - 18:00	231	+	241	=	472	38	46	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2484

Study Date : 12/26/2024

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.

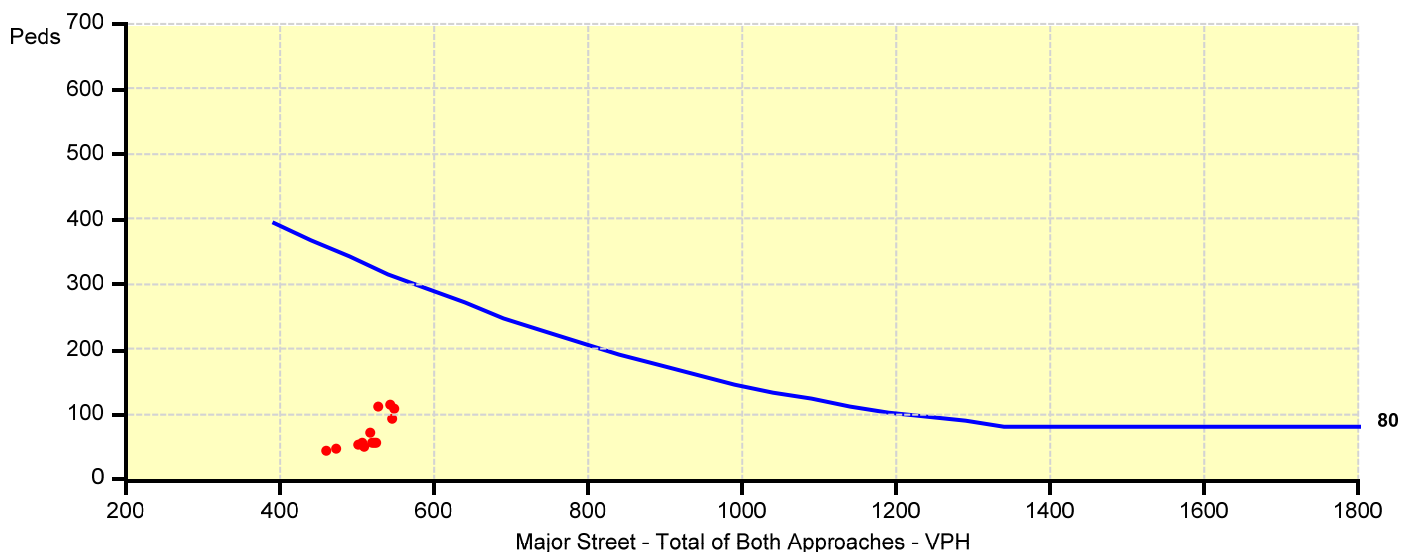
Summary

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

Site Data Required

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

Time	Major Road CSAH 6				Total	Minor Road Monroe St		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
15:15 - 16:15	256	+	292	=	548	29	109	No
15:00 - 16:00	240	+	306	=	546	23	92	No
15:30 - 16:30	263	+	280	=	543	31	114	No
15:45 - 16:45	265	+	261	=	526	38	110	No
16:30 - 17:30	259	+	266	=	525	46	56	No
16:15 - 17:15	264	+	258	=	522	41	56	No
07:30 - 08:30	173	+	346	=	519	56	55	No
16:00 - 17:00	262	+	254	=	516	39	72	No
14:45 - 15:45	229	+	281	=	510	17	49	No
07:15 - 08:15	174	+	332	=	506	52	55	No
16:45 - 17:45	239	+	263	=	502	44	52	No
17:00 - 18:00	231	+	241	=	472	38	46	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2484

Study Date : 12/26/2024

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.

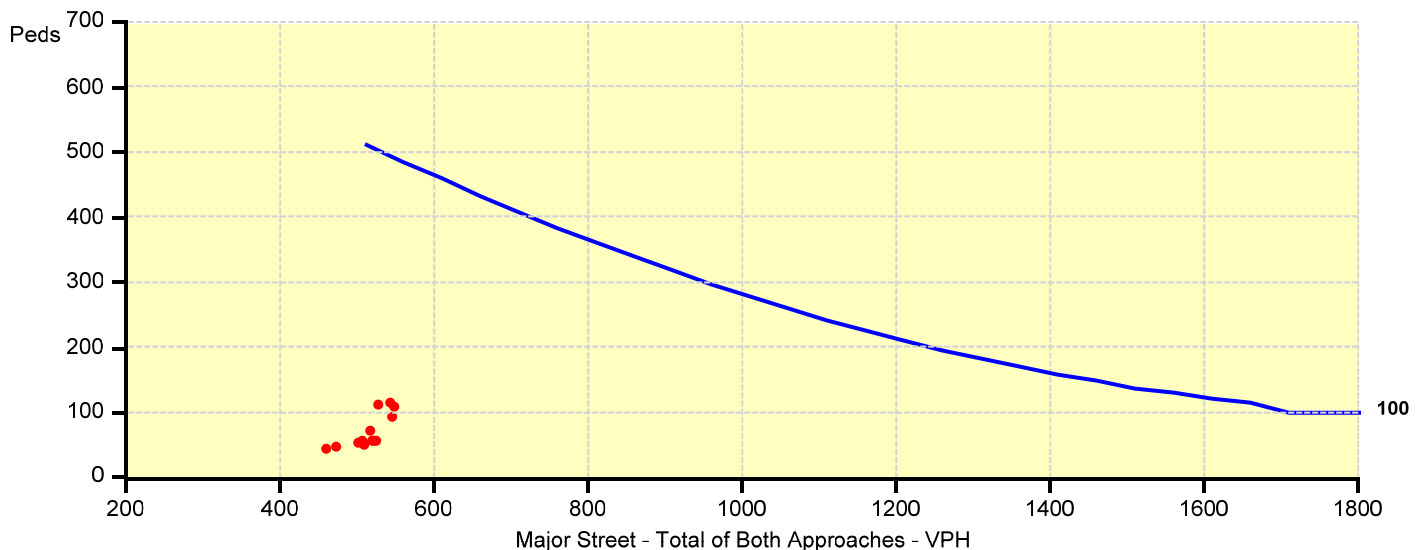
Summary

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

Site Data Required

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

Time	Major Road CSAH 6				Total	Minor Road Monroe St		Met?
	Major EB	+	Major WB	=		Minor NB	Minor SB	
15:15 - 16:15	256	+	292	=	548	29	109	No
15:00 - 16:00	240	+	306	=	546	23	92	No
15:30 - 16:30	263	+	280	=	543	31	114	No
15:45 - 16:45	265	+	261	=	526	38	110	No
16:30 - 17:30	259	+	266	=	525	46	56	No
16:15 - 17:15	264	+	258	=	522	41	56	No
07:30 - 08:30	173	+	346	=	519	56	55	No
16:00 - 17:00	262	+	254	=	516	39	72	No
14:45 - 15:45	229	+	281	=	510	17	49	No
07:15 - 08:15	174	+	332	=	506	52	55	No
16:45 - 17:45	239	+	263	=	502	44	52	No
17:00 - 18:00	231	+	241	=	472	38	46	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name:

Study Date : 12/26/2024

Multiway Stop Warrants - Summary

Major Street Approaches

Eastbound: CSAH 6

Number of Lanes : 2+
Total Approach Volume: 2,363

Westbound: CSAH 6

Number of Lanes :2+
Total Approach Volume: 2,793

Minor Street Approaches

Northbound: Monroe St

Number of Lanes :1
Total Approach Volume: 331

Southbound: Monroe St

Number of Lanes :1
Total Approach Volume: 658

Warrant Summary (Urban Values Apply)

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 Satisfied
Number of crashes (-1) is less than minimum required (5).	
Criteria C - Minimum Volumes and Delays	Not Satisfied
Average of 8 highest hours is less than volume criteria.	
Criteria D - 80% of Volumes, Delays, and Crashes	Not Satisfied
Number of crashes (-1) is less than minimum required (4). Average of 8 highest hours is less than volume criteria.	

Criteria C Volume Summary

Time	Major Total	Major Avg	Minor Total	Minor Avg	Major Crit	Minor Crit	Meets?
15:30 - 16:30	543	427.1	145	84.8	300	200	No
07:30 - 08:30	519		111				
16:30 - 17:30	525		102				
14:30 - 15:30	460		59				
08:30 - 09:30	363		148				
17:30 - 18:30	357		49				
11:30 - 12:30	332		31				
13:30 - 14:30	318		33				
12:30 - 13:30	295		41				
09:30 - 10:30	247		39				
10:30 - 11:30	228		36				
06:30 - 07:30	208		56				

Criteria D Volume Summary

Time	Major Total	Major Avg	Minor Total	Minor Avg	Major Crit	Minor Crit	Meets?
15:30 - 16:30	543	427.1	145	84.8	240	160	No
07:30 - 08:30	519		111				
16:30 - 17:30	525		102				
14:30 - 15:30	460		59				
08:30 - 09:30	363		148				
17:30 - 18:30	357		49				
11:30 - 12:30	332		31				
13:30 - 14:30	318		33				
12:30 - 13:30	295		41				
09:30 - 10:30	247		39				
10:30 - 11:30	228		36				
06:30 - 07:30	208		56				