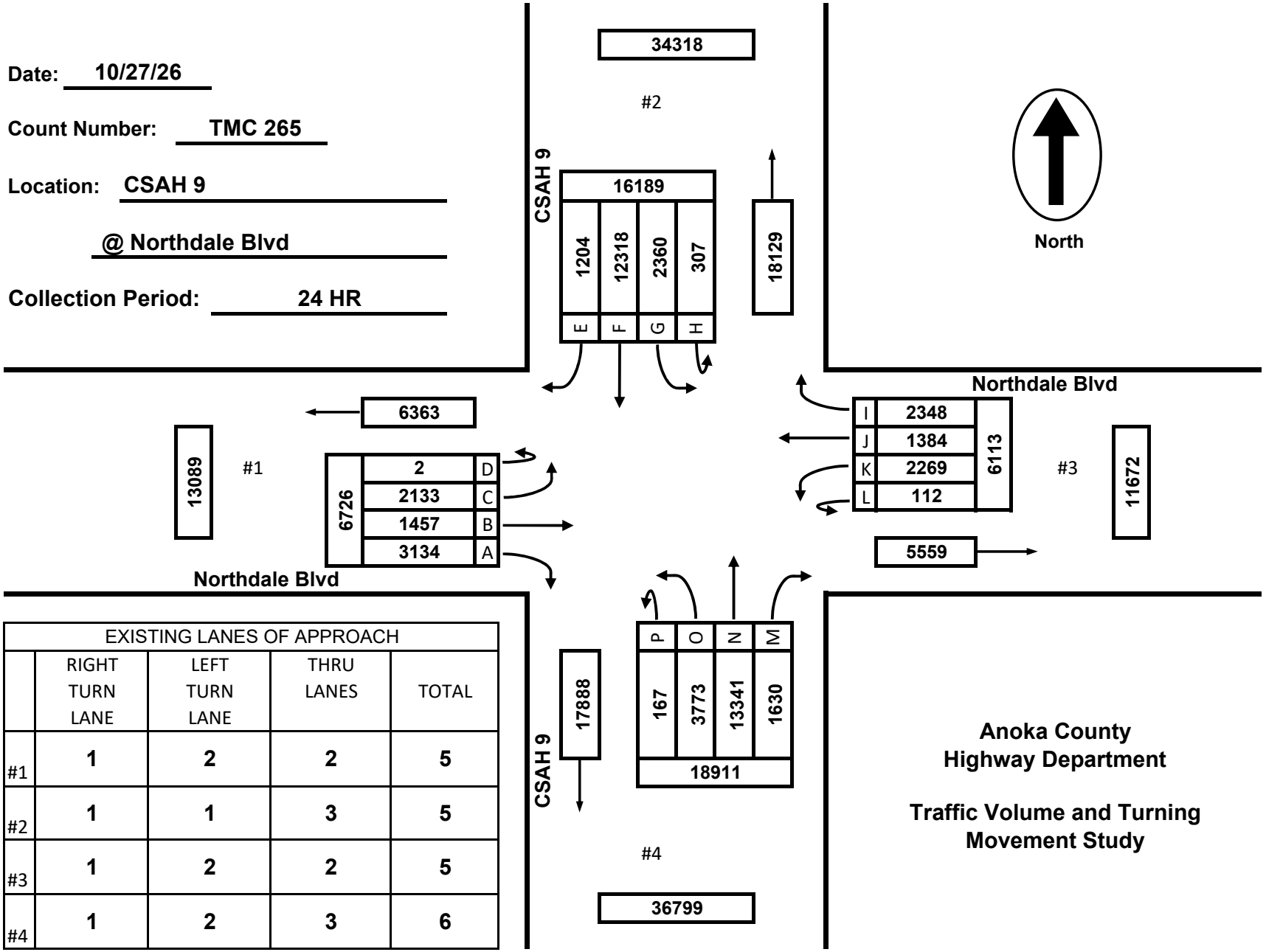
Date: 10/27/26

Count Number: TMC 265

Location: CSAH 9

@ Northdale Blvd

Collection Period: 24 HR



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	2	2	5
#2	1	1	3	5
#3	1	2	2	5
#4	1	2	3	6

Anoka County
Highway Department

Traffic Volume and Turning Movement Study

Date: 10/27/26

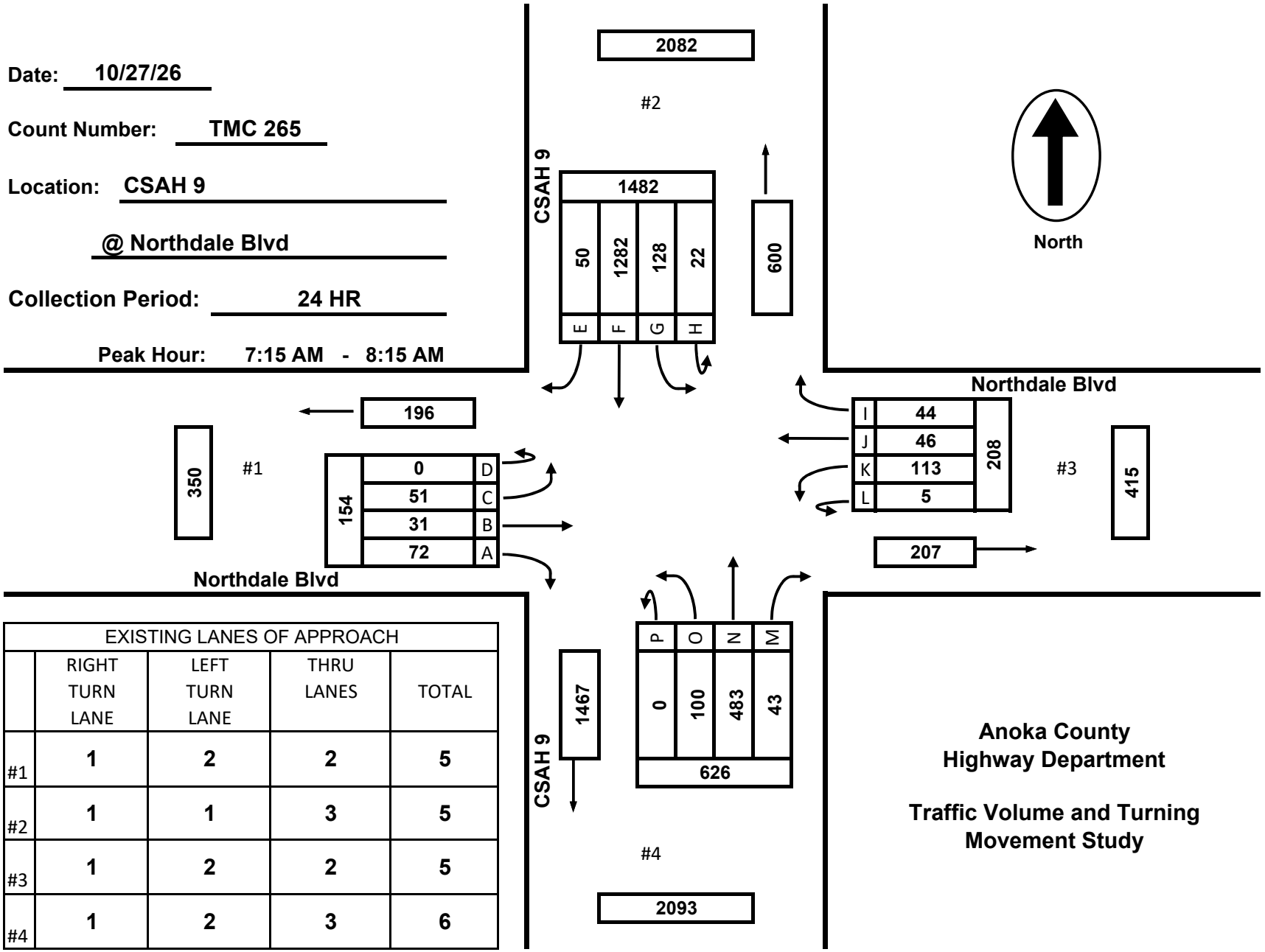
Count Number: TMC 265

Location: CSAH 9

@ Northdale Blvd

Collection Period: 24 HR

Peak Hour: 7:15 AM - 8:15 AM



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	2	2	5
#2	1	1	3	5
#3	1	2	2	5
#4	1	2	3	6

Anoka County
Highway Department

Traffic Volume and Turning Movement Study

Date: 10/27/26

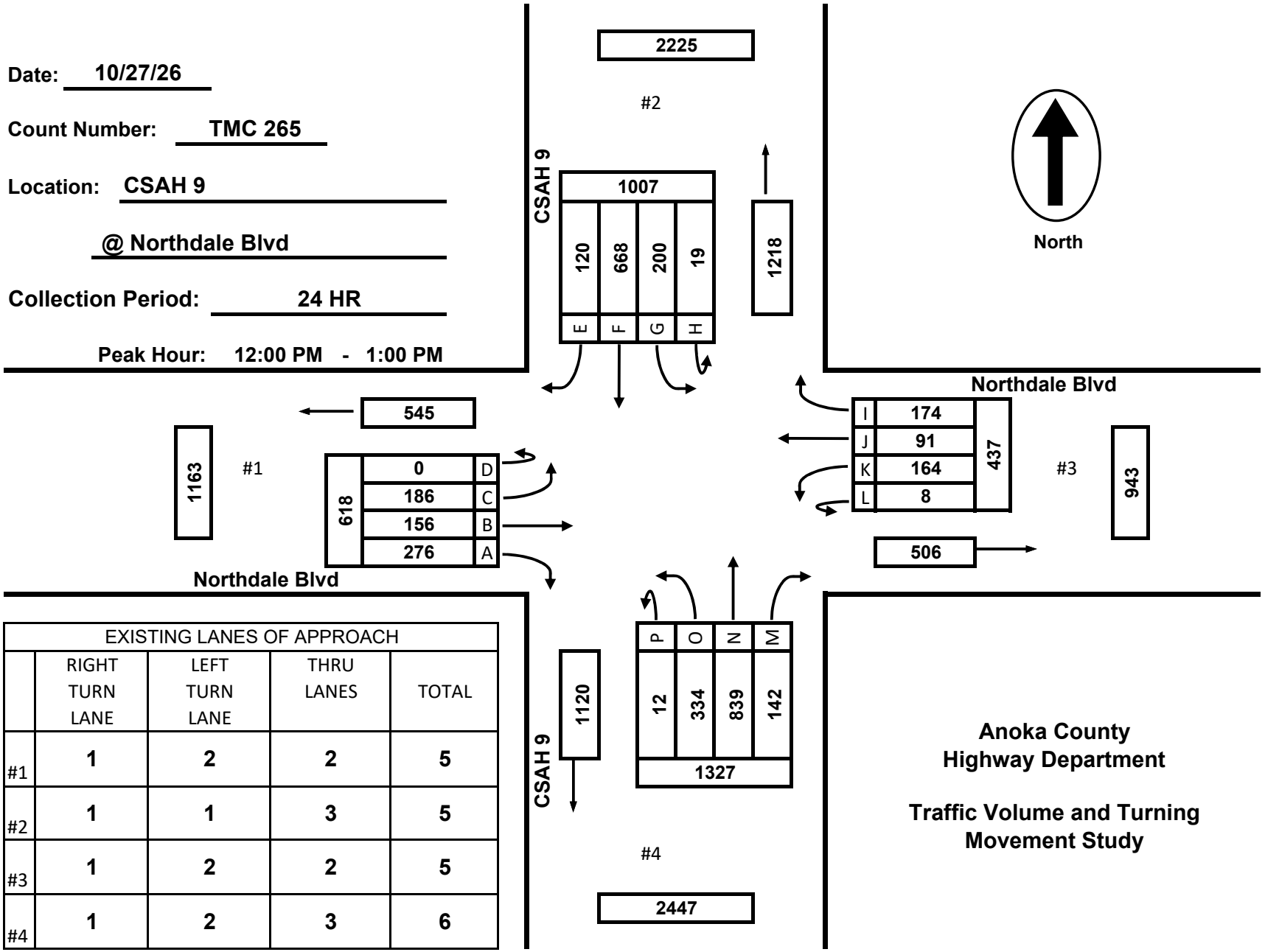
Count Number: TMC 265

Location: CSAH 9

@ Northdale Blvd

Collection Period: 24 HR

Peak Hour: 12:00 PM - 1:00 PM



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	2	2	5
#2	1	1	3	5
#3	1	2	2	5
#4	1	2	3	6

Anoka County
Highway Department

Traffic Volume and Turning Movement Study

Date: 10/27/26

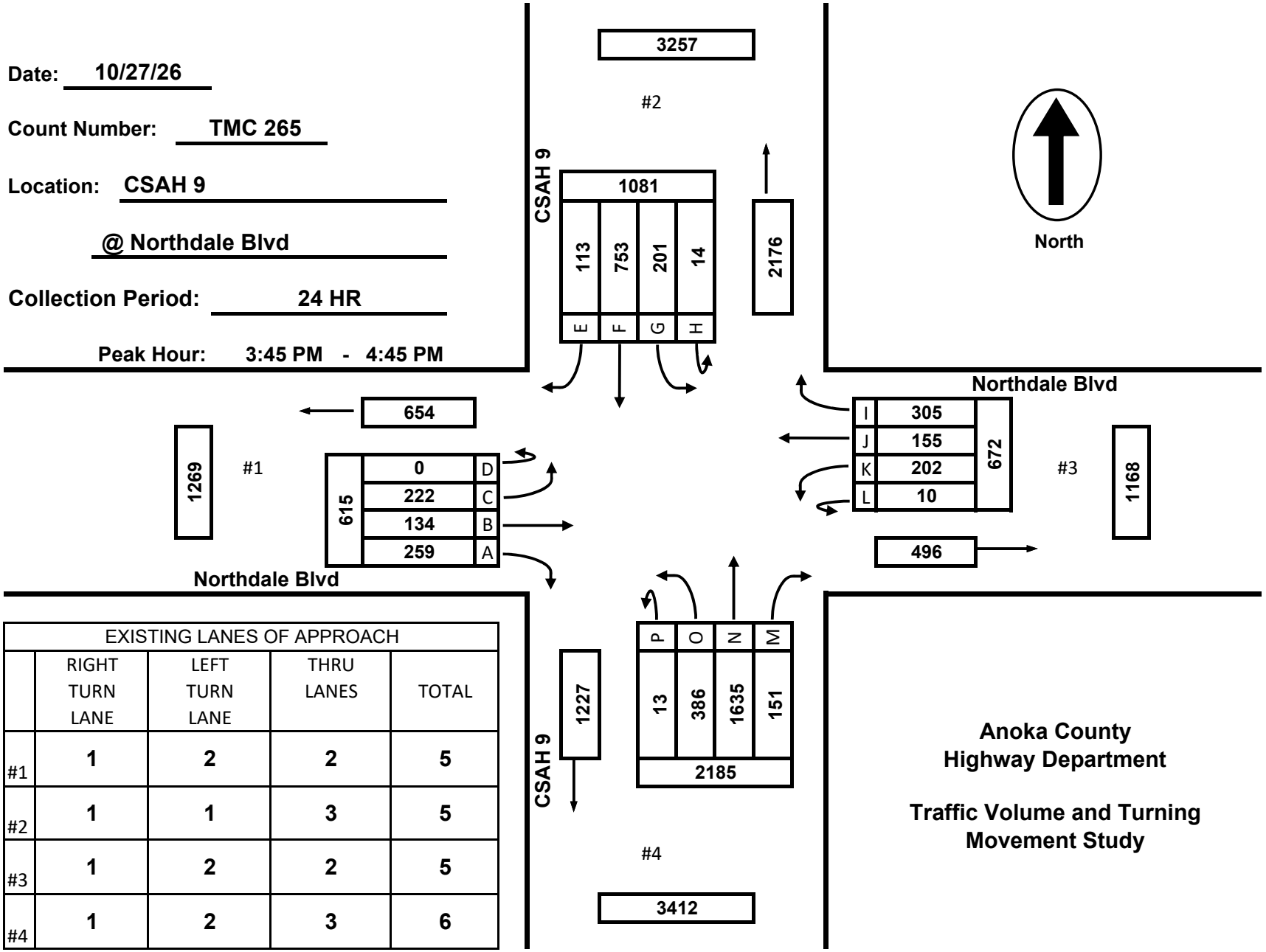
Count Number: TMC 265

Location: CSAH 9

@ Northdale Blvd

Collection Period: 24 HR

Peak Hour: 3:45 PM - 4:45 PM



EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	2	2	5
#2	1	1	3	5
#3	1	2	2	5
#4	1	2	3	6

Anoka County
Highway Department

Traffic Volume and Turning Movement Study

TMC 2656 - CSAH 9 @ Northdale Blvd
Coon Rapids MN
Tuesday, October 27, 2026

Time	Southbound CSAH 9						Westbound Northdale Blvd						Northbound CSAH 9						Eastbound Northdale Blvd						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	1	4	6	2	0	*13*	1	4	2	1	0	*8*	2	1	22	0	0	*25*	0	3	1	0	0	*4*	**50**
12:15 AM	0	1	8	2	0	*11*	0	3	0	1	0	*4*	3	3	22	4	0	*32*	0	0	0	2	0	*2*	**49**
12:30 AM	0	1	4	0	0	*5*	0	5	1	0	0	*6*	1	2	14	2	0	*19*	0	2	0	0	0	*2*	**32**
12:45 AM	1	1	8	1	0	*11*	0	5	0	0	0	*5*	0	1	13	2	0	*16*	0	2	0	1	0	*3*	**35**
Hourly Total	2	7	26	5	0	*40*	1	17	3	2	0	*23*	6	7	71	8	0	*92*	0	7	1	3	0	*11*	**166**
1:00 AM	0	0	2	0	0	*2*	0	2	1	1	0	*4*	0	0	5	0	0	*5*	0	0	0	0	0	*0*	**11**
1:15 AM	0	0	8	0	0	*8*	0	2	0	0	0	*2*	2	0	6	3	0	*11*	0	0	0	0	0	*0*	**21**
1:30 AM	0	1	8	0	0	*9*	0	2	0	0	0	*2*	0	1	14	1	0	*16*	0	0	0	0	0	*0*	**27**
1:45 AM	0	1	2	1	0	*4*	0	2	0	0	0	*2*	0	3	17	3	0	*23*	0	1	0	0	0	*1*	**30**
Hourly Total	0	2	20	1	0	*23*	0	8	1	1	0	*10*	2	4	42	7	0	*55*	0	1	0	0	0	*1*	**89**
2:00 AM	0	0	9	0	1	*9*	0	6	0	0	0	*6*	2	0	6	2	0	*10*	0	2	0	0	2	*2*	**27**
2:15 AM	1	0	4	2	1	*7*	0	3	0	1	0	*4*	0	0	7	0	0	*7*	0	0	0	0	0	*0*	**18**
2:30 AM	0	0	5	0	0	*5*	0	4	0	1	0	*5*	0	0	11	0	0	*11*	0	0	1	0	0	*1*	**22**
2:45 AM	2	0	18	1	2	*21*	0	2	1	0	0	*3*	0	1	8	0	0	*9*	0	0	0	1	2	*1*	**34**
Hourly Total	3	0	36	3	4	*42*	0	15	1	2	0	*18*	2	1	32	2	0	*37*	0	2	1	1	4	*4*	**101**
3:00 AM	1	0	16	0	0	*17*	0	0	0	0	0	*0*	0	0	7	2	0	*9*	0	2	0	0	0	*2*	**28**
3:15 AM	1	0	21	1	0	*23*	0	1	0	0	0	*1*	0	1	5	0	0	*6*	0	0	0	1	0	*1*	**31**
3:30 AM	0	2	22	2	0	*26*	0	1	2	1	0	*4*	0	2	6	0	0	*8*	0	0	0	1	0	*1*	**39**
3:45 AM	1	4	16	4	0	*25*	1	6	0	0	0	*7*	0	2	8	1	0	*11*	0	0	2	2	0	*4*	**47**
Hourly Total	3	6	75	7	0	*91*	1	8	2	1	0	*12*	0	5	26	3	0	*34*	0	2	2	4	0	*8*	**145**
4:00 AM	1	0	37	1	0	*39*	0	8	0	0	0	*8*	0	1	10	2	0	*13*	0	0	0	1	0	*1*	**61**
4:15 AM	0	0	63	0	0	*63*	0	2	0	0	0	*2*	0	1	10	2	0	*13*	0	1	1	2	0	*4*	**82**
4:30 AM	1	3	84	3	1	*91*	0	5	3	1	0	*9*	0	3	9	1	0	*13*	0	0	2	4	0	*6*	**119**
4:45 AM	1	7	85	1	1	*94*	0	6	0	3	0	*9*	0	4	11	4	0	*19*	0	1	1	2	0	*4*	**126**
Hourly Total	3	10	269	5	2	*287*	0	21	3	4	0	*28*	0	9	40	9	0	*58*	0	2	4	9	0	*15*	**388**
5:00 AM	2	4	108	4	0	*118*	0	6	2	0	0	*8*	0	2	16	0	0	*18*	0	0	1	1	0	*2*	**146**
5:15 AM	4	6	172	1	1	*183*	0	10	2	1	0	*13*	0	2	21	1	0	*24*	0	0	1	3	0	*4*	**224**
5:30 AM	1	7	201	3	0	*212*	2	11	2	3	0	*18*	0	5	33	1	0	*39*	0	0	0	7	0	*7*	**276**
5:45 AM	4	14	159	3	0	*180*	0	13	4	5	0	*22*	0	4	39	2	0	*45*	0	5	2	5	0	*12*	**259**
Hourly Total	11	31	640	11	1	*693*	2	40	10	9	0	*61*	0	13	109	4	0	*126*	0	5	4	16	0	*25*	**905**
6:00 AM	2	10	220	3	0	*235*	0	13	9	3	0	*25*	0	5	43	8	0	*56*	0	4	4	11	0	*19*	**335**
6:15 AM	3	16	260	3	0	*282*	0	26	2	3	0	*31*	1	17	68	6	0	*92*	0	11	3	15	0	*29*	**434**
6:30 AM	5	16	339	6	0	*366*	2	25	9	7	0	*43*	0	16	80	4	0	*100*	0	9	8	20	0	*37*	**546**
6:45 AM	6	26	344	16	0	*392*	0	15	13	9	0	*37*	0	22	110	6	0	*138*	0	11	6	21	0	*38*	**605**
Hourly Total	16	68	1163	28	0	*1275*	2	79	33	22	0	*136*	1	60	301	24	0	*386*	0	35	21	67	0	*123*	**1920**
7:00 AM	8	15	291	7	0	*321*	2	26	7	8	0	*43*	1	16	104	10	0	*131*	0	24	6	16	0	*46*	**541**
7:15 AM	3	32	376	12	0	*423*	0	26	7	13	0	*46*	0	19	136	5	0	*160*	0	13	6	22	0	*41*	**670**
7:30 AM	4	33	324	12	0	*373*	1	28	14	4	0	*47*	0	19	115	8	0	*142*	0	10	9	10	0	*29*	**591**
7:45 AM	5	33	340	15	0	*393*	3	34	12	19	0	*68*	0	21	122	15	0	*158*	0	12	6	12	0	*30*	**649**
Hourly Total	20	113	1331	46	0	*1510*	6	114	40	44	0	*204*	1	75	477	38	0	*591*	0	59	27	60	0	*146*	**2451**

TMC 2656 - CSAH 9 @ Northdale Blvd
Coon Rapids MN
Tuesday, October 27, 2026

	Southbound CSAH 9						Westbound Northdale Blvd						Northbound CSAH 9						Eastbound Northdale Blvd						
Time	**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***	**VEHICLE TOTAL**
8:00 AM	10	30	242	11	0	*293*	1	25	13	8	0	*47*	0	41	110	15	0	*166*	0	16	10	28	0	*54*	**560**
8:15 AM	6	32	255	16	2	*309*	0	21	13	13	0	*47*	2	30	112	19	0	*163*	1	14	17	30	0	*62*	**581**
8:30 AM	3	30	228	8	2	*269*	1	29	16	14	0	*60*	0	35	101	25	0	*161*	0	17	17	36	0	*70*	**560**
8:45 AM	3	39	214	19	0	*275*	1	31	12	15	1	*59*	1	38	128	16	0	*183*	0	15	12	33	0	*60*	**577**
Hourly Total	22	131	939	54	4	*1146*	3	106	54	50	1	*213*	3	144	451	75	0	*673*	1	62	56	127	0	*246*	**2278**
9:00 AM	1	49	182	10	0	*242*	1	22	19	23	0	*65*	1	43	146	17	0	*207*	0	24	12	29	0	*65*	**579**
9:15 AM	3	38	218	17	0	*276*	1	23	15	28	0	*67*	2	59	101	13	0	*175*	0	23	18	31	0	*72*	**590**
9:30 AM	5	42	202	16	2	*265*	1	33	12	26	1	*72*	0	60	112	24	0	*196*	0	29	20	38	0	*87*	**620**
9:45 AM	4	44	192	18	0	*258*	0	21	20	26	0	*67*	1	54	130	19	0	*204*	0	20	20	45	0	*85*	**614**
Hourly Total	13	173	794	61	2	*1041*	3	99	66	103	1	*271*	4	216	489	73	0	*782*	0	96	70	143	0	*309*	**2403**
10:00 AM	0	38	156	17	1	*211*	2	26	22	26	0	*76*	0	63	129	27	0	*219*	0	29	13	58	0	*100*	**606**
10:15 AM	5	43	166	18	0	*232*	0	24	26	34	0	*84*	1	64	140	18	0	*223*	0	35	24	44	0	*103*	**642**
10:30 AM	3	31	164	32	1	*230*	3	35	18	37	0	*93*	0	53	141	26	0	*220*	0	22	25	50	0	*97*	**640**
10:45 AM	3	61	187	18	0	*269*	3	28	30	44	0	*105*	0	87	148	35	0	*270*	0	30	25	72	0	*127*	**771**
Hourly Total	11	173	673	85	2	*942*	8	113	96	141	0	*358*	1	267	558	106	0	*932*	0	116	87	224	0	*427*	**2659**
11:00 AM	4	53	161	23	0	*241*	1	30	24	35	0	*90*	2	84	153	29	0	*268*	0	45	30	66	0	*141*	**740**
11:15 AM	3	62	161	22	1	*248*	0	43	22	44	0	*109*	2	65	158	28	0	*253*	0	32	39	60	1	*131*	**741**
11:30 AM	8	55	146	27	1	*236*	1	52	30	31	1	*114*	4	78	180	36	0	*298*	0	31	37	62	0	*130*	**778**
11:45 AM	5	49	163	30	0	*247*	0	38	35	44	0	*117*	3	74	197	45	0	*319*	0	37	36	69	0	*142*	**825**
Hourly Total	20	219	631	102	2	*972*	2	163	111	154	1	*430*	11	301	688	138	0	*1138*	0	145	142	257	1	*544*	**3084**
12:00 PM	4	46	153	34	0	*237*	0	42	31	53	0	*126*	4	78	188	36	0	*306*	0	61	42	65	0	*168*	**837**
12:15 PM	6	53	184	29	2	*272*	1	43	28	36	0	*108*	4	74	228	32	0	*338*	0	44	37	65	0	*146*	**864**
12:30 PM	6	46	164	24	1	*240*	4	28	19	39	0	*90*	3	90	200	31	0	*324*	0	39	42	67	0	*148*	**802**
12:45 PM	3	55	167	33	0	*258*	3	51	13	46	0	*113*	1	92	223	43	0	*359*	0	42	35	79	0	*156*	**886**
Hourly Total	19	200	668	120	3	*1007*	8	164	91	174	0	*437*	12	334	839	142	0	*1327*	0	186	156	276	0	*618*	**3389**
1:00 PM	2	39	146	29	0	*216*	3	48	35	48	0	*134*	3	89	200	35	0	*327*	0	44	26	66	0	*136*	**813**
1:15 PM	2	53	162	20	0	*237*	1	39	29	50	0	*119*	3	80	211	35	0	*329*	0	30	27	73	0	*130*	**815**
1:30 PM	4	40	172	34	3	*250*	5	48	36	65	2	*154*	4	70	216	27	0	*317*	0	50	32	64	0	*146*	**867**
1:45 PM	1	46	139	23	0	*209*	4	22	17	47	0	*90*	4	89	263	24	0	*380*	0	46	23	68	0	*137*	**816**
Hourly Total	9	178	619	106	3	*912*	13	157	117	210	2	*497*	14	328	890	121	0	*1353*	0	170	108	271	0	*549*	**3311**
2:00 PM	3	39	162	25	1	*229*	3	43	21	63	0	*130*	3	84	250	27	0	*364*	0	61	29	91	1	*181*	**904**
2:15 PM	6	44	195	32	0	*277*	1	54	34	42	2	*131*	3	87	270	23	0	*383*	0	46	46	66	0	*158*	**949**
2:30 PM	5	44	191	21	2	*261*	1	40	16	60	1	*117*	6	68	227	30	0	*331*	0	59	38	67	0	*164*	**873**
2:45 PM	5	47	167	27	0	*246*	2	37	22	54	0	*115*	3	91	303	39	0	*436*	0	50	27	60	0	*137*	**934**
Hourly Total	19	174	715	105	3	*1013*	7	174	93	219	3	*493*	15	330	1050	119	0	*1514*	0	216	140	284	1	*640*	**3660**
3:00 PM	3	41	141	30	1	*215*	4	40	42	71	0	*157*	1	85	302	37	0	*425*	0	41	26	62	1	*129*	**926**
3:15 PM	5	37	162	21	0	*225*	1	50	28	68	0	*147*	3	92	323	42	0	*460*	0	53	35	78	0	*166*	**998**
3:30 PM	8	50	194	22	0	*274*	1	44	28	56	0	*129*	1	106	370	45	0	*522*	0	48	33	85	0	*166*	**1091**
3:45 PM	5	43	160	33	0	*241*	1	42	34	75	0	*152*	2	94	426	37	0	*559*	0	66	34	71	0	*171*	**1123**
Hourly Total	21	171	657	106	1	*955*	7	176	132	270	0	*585*	7	377	1421	161	0	*1966*	0	208	128	296	1	*632*	**4138**

TMC 2656 - CSAH 9 @ Northdale Blvd
Coon Rapids MN
Tuesday, October 27, 2026

	Southbound CSAH 9						Westbound Northdale Blvd						Northbound CSAH 9						Eastbound Northdale Blvd						
Time	**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***	**VEHICLE TOTAL**
4:00 PM	4	56	190	23	2	*273*	3	50	36	77	0	*166*	4	87	358	31	0	*480*	0	50	39	48	0	*137*	**1056**
4:15 PM	3	56	195	28	1	*282*	4	52	47	81	0	*184*	3	98	410	45	1	*556*	0	49	32	58	0	*139*	**1161**
4:30 PM	2	46	208	29	1	*285*	2	58	38	72	1	*170*	4	107	441	38	0	*590*	0	57	29	82	0	*168*	**1213**
4:45 PM	10	45	181	34	0	*270*	5	44	37	55	0	*141*	1	104	364	48	0	*517*	0	59	36	70	0	*165*	**1093**
Hourly Total	19	203	774	114	4	*1110*	14	204	158	285	1	*661*	12	396	1573	162	1	*2143*	0	215	136	258	0	*609*	**4523**
5:00 PM	6	41	192	19	2	*258*	3	54	33	61	0	*151*	2	82	353	34	0	*471*	0	57	37	72	0	*166*	**1046**
5:15 PM	7	42	180	26	2	*255*	2	51	34	67	0	*154*	1	79	363	27	0	*470*	0	65	26	63	0	*154*	**1033**
5:30 PM	2	38	204	16	0	*260*	1	29	35	50	0	*115*	4	87	317	36	0	*444*	0	41	39	64	0	*144*	**963**
5:45 PM	1	50	189	23	1	*263*	1	34	29	46	1	*110*	2	96	309	25	0	*432*	0	42	26	68	2	*136*	**941**
Hourly Total	16	171	765	84	5	*1036*	7	168	131	224	1	*530*	9	344	1342	122	0	*1817*	0	205	128	267	2	*600*	**3983**
6:00 PM	6	45	170	19	1	*240*	2	48	30	48	0	*128*	5	79	232	30	0	*346*	0	63	39	68	1	*170*	**884**
6:15 PM	1	42	155	7	0	*205*	3	38	24	37	0	*102*	4	67	241	24	0	*336*	1	44	23	62	0	*130*	**773**
6:30 PM	4	32	121	23	2	*180*	3	36	24	33	0	*96*	4	70	238	29	0	*341*	0	35	21	55	0	*111*	**728**
6:45 PM	4	35	122	17	0	*178*	0	37	17	46	0	*100*	3	40	209	23	0	*275*	0	29	14	52	0	*95*	**648**
Hourly Total	15	154	568	66	3	*803*	8	159	95	164	0	*426*	16	256	920	106	0	*1298*	1	171	97	237	1	*506*	**3033**
7:00 PM	7	31	107	13	0	*158*	1	29	10	34	0	*74*	3	47	207	17	0	*274*	0	20	24	46	0	*90*	**596**
7:15 PM	2	12	89	16	1	*119*	1	27	21	30	1	*79*	6	45	159	16	0	*226*	0	35	17	42	1	*94*	**518**
7:30 PM	3	19	88	10	1	*120*	5	28	14	34	1	*81*	2	29	164	31	0	*226*	0	33	13	37	0	*83*	**510**
7:45 PM	3	14	65	10	0	*92*	0	20	17	25	2	*62*	4	27	170	19	0	*220*	0	25	12	32	0	*69*	**443**
Hourly Total	15	76	349	49	2	*489*	7	104	62	123	4	*296*	15	148	700	83	0	*946*	0	113	66	157	1	*336*	**2067**
8:00 PM	5	12	66	10	0	*93*	2	31	10	31	0	*74*	2	29	172	18	0	*221*	0	13	12	49	0	*74*	**462**
8:15 PM	5	14	74	3	0	*96*	0	10	9	20	0	*39*	6	26	146	13	0	*191*	0	18	10	18	0	*46*	**372**
8:30 PM	1	12	57	3	0	*73*	0	9	10	18	0	*37*	1	20	145	13	0	*179*	0	10	8	13	0	*31*	**320**
8:45 PM	3	6	60	8	0	*77*	0	16	9	10	0	*35*	4	15	118	6	0	*143*	0	20	8	26	0	*54*	**309**
Hourly Total	14	44	257	24	0	*339*	2	66	38	79	0	*185*	13	90	581	50	0	*734*	0	61	38	106	0	*205*	**1463**
9:00 PM	3	7	53	9	0	*72*	0	9	6	11	0	*26*	2	17	100	12	0	*131*	0	12	9	6	0	*27*	**256**
9:15 PM	3	9	45	1	0	*58*	1	9	6	3	0	*19*	2	14	97	8	0	*121*	0	14	7	20	0	*41*	**239**
9:30 PM	3	10	45	4	0	*62*	0	8	10	5	0	*23*	0	8	84	9	0	*101*	0	6	7	9	0	*22*	**208**
9:45 PM	6	4	39	3	0	*52*	0	13	8	5	0	*26*	3	4	69	9	0	*85*	0	3	5	10	0	*18*	**181**
Hourly Total	15	30	182	17	0	*244*	1	39	30	24	0	*94*	7	43	350	38	0	*438*	0	35	28	45	0	*108*	**884**
10:00 PM	4	6	37	0	0	*47*	3	18	2	8	0	*31*	3	8	78	11	0	*100*	0	5	2	10	1	*17*	**195**
10:15 PM	3	3	26	0	0	*32*	1	11	2	4	1	*18*	2	6	60	7	0	*75*	0	5	4	5	0	*14*	**139**
10:30 PM	6	6	23	2	0	*37*	0	12	2	4	0	*18*	0	4	53	4	0	*61*	0	6	3	5	0	*14*	**130**
10:45 PM	1	6	29	0	0	*36*	0	6	4	3	0	*13*	1	1	48	5	0	*55*	0	0	2	1	0	*3*	**107**
Hourly Total	14	21	115	2	0	*152*	4	47	10	19	1	*80*	6	19	239	27	0	*291*	0	16	11	21	1	*48*	**571**
11:00 PM	4	4	17	1	0	*26*	2	10	2	11	2	*25*	5	0	39	3	0	*47*	0	2	1	2	0	*5*	**103**
11:15 PM	2	1	10	1	0	*14*	1	7	4	8	0	*20*	3	2	27	3	0	*35*	0	0	3	1	0	*4*	**73**
11:30 PM	0	0	11	0	0	*11*	1	3	0	2	0	*6*	1	3	51	4	0	*59*	0	2	1	2	0	*5*	**81**
11:45 PM	1	0	14	1	0	*16*	2	8	1	3	1	*14*	1	1	35	2	0	*39*	0	1	1	0	0	*2*	**71**
Hourly Total	7	5	52	3	0	*67*	6	28	7	24	3	*65*	10	6	152	12	0	*180*	0	5	6	5	0	*16*	**328**
DAILY TOTAL	**307**	**2360**	**12318**	**1204**	**41**	***16189***	**112**	**2269**	**1384**	**2348**	**18**	***6113***	**167**	**3773**	**13341**	**1630**	**1**	***18911***	**2**	**2133**	**1457**	**3134**	**12**	***6726***	**47939**
Cars	307	2350	12142	1190	35	*15989*	111	2234	1349	2327	10	*6021*	167	3725	13179	1601	1	*18672*	2	2100	1429	3107	7	*6638*	**47320**
Heavy Vehicles	0	10	176	14	6	*200*	1	35	35	21	8	*92*	0	48	162	29	0	*239*	0	33	28	27	5	*88*	**619**
Heavy Vehicle %	0.00%	0.42%	1.43%	1.16%	14.63%	*1.24%*	0.89%	1.54%	2.53%	0.89%	44.44%	*1.50%*	0.00%	1.27%	1.21%	1.78%	0.00%	*1.26%*	0.00%	1.55%	1.92%	0.86%	41.67%	*1.31%*	**1.29%**

TMC 2656 - CSAH 9 @ Northdale Blvd
Coon Rapids MN
Tuesday, October 27, 2026
AM Peak Hour (00:00 to 10:00)

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*	
7:15 AM	3	32	376	12	0	*423*	0	26	7	13	0	*46*	0	19	136	5	0	*160*	0	13	6	22	0	*41*	**670**
7:30 AM	4	33	324	12	0	*373*	1	28	14	4	0	*47*	0	19	115	8	0	*142*	0	10	9	10	0	*29*	**591**
7:45 AM	5	33	340	15	0	*393*	3	34	12	19	0	*68*	0	21	122	15	0	*158*	0	12	6	12	0	*30*	**649**
8:00 AM	10	30	242	11	0	*293*	1	25	13	8	0	*47*	0	41	110	15	0	*166*	0	16	10	28	0	*54*	**560**
Peak Hour Total	22	128	1282	50	0	*1482*	5	113	46	44	0	*208*	0	100	483	43	0	*626*	0	51	31	72	0	*154*	**2470**
Peak Hour Heavy Vehicles	0	0	17	1	0	*18*	0	3	2	0	0	*5*	0	5	13	1	0	*19*	0	4	1	1	0	*6*	**48**
Peak Hour Heavy Vehicles %	0.00%	0.00%	1.33%	2.00%	0.00%	1.21%	0.00%	2.65%	4.35%	0.00%	0.00%	2.40%	0.00%	5.00%	2.69%	2.33%	0.00%	3.04%	0.00%	7.84%	3.23%	1.39%	0.00%	3.90%	1.94%
PHF	0.550	0.970	0.852	0.833	0.000	*0.876*	0.417	0.831	0.821	0.579	0.000	*0.765*	0.000	0.610	0.888	0.717	0.000	*0.943*	0.000	0.797	0.775	0.643	0.000	*0.713*	**0.922**

Mid Peak Hour (10:00 - 14:00)

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*	
12:00 PM	4	46	153	34	0	*237*	0	42	31	53	0	*126*	4	78	188	36	0	*306*	0	61	42	65	0	*168*	**837**
12:15 PM	6	53	184	29	2	*272*	1	43	28	36	0	*108*	4	74	228	32	0	*338*	0	44	37	65	0	*146*	**864**
12:30 PM	6	46	164	24	1	*240*	4	28	19	39	0	*90*	3	90	200	31	0	*324*	0	39	42	67	0	*148*	**802**
12:45 PM	3	55	167	33	0	*258*	3	51	13	46	0	*113*	1	92	223	43	0	*359*	0	42	35	79	0	*156*	**886**
Peak Hour Total	19	200	668	120	3	*1007*	8	164	91	174	0	*437*	12	334	839	142	0	*1327*	0	186	156	276	0	*618*	**3389**
Peak Hour Heavy Vehicles	0	1	8	1	0	*10*	0	4	4	2	0	*10*	0	2	11	1	0	*14*	0	3	3	2	0	*8*	**42**
Peak Hour Heavy Vehicles %	0.00%	0.50%	1.20%	0.83%	0.00%	0.99%	0.00%	2.44%	4.40%	1.15%	0.00%	2.29%	0.00%	0.60%	1.31%	0.70%	0.00%	1.06%	0.00%	1.61%	1.92%	0.72%	0.00%	1.29%	1.24%
PHF	0.792	0.909	0.908	0.882	0.375	*0.926*	0.500	0.804	0.734	0.821	0.000	*0.867*	0.750	0.908	0.920	0.826	0.000	*0.924*	0.000	0.762	0.929	0.873	0.000	*0.920*	**0.956**

PM Peak Hour (14:00 - 24:00)

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*	
3:45 PM	5	43	160	33	0	*241*	1	42	34	75	0	*152*	2	94	426	37	0	*559*	0	66	34	71	0	*171*	**1123**
4:00 PM	4	56	190	23	2	*273*	3	50	36	77	0	*166*	4	87	358	31	0	*480*	0	50	39	48	0	*137*	**1056**
4:15 PM	3	56	195	28	1	*282*	4	52	47	81	0	*184*	3	98	410	45	1	*556*	0	49	32	58	0	*139*	**1161**
4:30 PM	2	46	208	29	1	*285*	2	58	38	72	1	*170*	4	107	441	38	0	*590*	0	57	29	82	0	*168*	**1213**
Peak Hour Total	14	201	753	113	4	*1081*	10	202	155	305	1	*672*	13	386	1635	151	1	*2185*	0	222	134	259	0	*615*	**4553**
Peak Hour Heavy Vehicles	0	1	14	1	0	*16*	0	3	4	0	0	*7*	0	1	10	2	0	*13*	0	4	3	1	0	*8*	**44**
Peak Hour Heavy Vehicles %	0.00%	0.50%	1.86%	0.88%	0.00%	1.48%	0.00%	1.49%	2.58%	0.00%	0.00%	1.04%	0.00%	0.26%	0.61%	1.32%	0.00%	0.59%	0.00%	1.80%	2.24%	0.39%	0.00%	1.30%	0.97%
PHF	0.700	0.897	0.905	0.856	0.500	*0.948*	0.625	0.871	0.824	0.941	0.250	*0.913*	0.813	0.902	0.927	0.839	0.250	*0.926*	0.000	0.841	0.859	0.790	0.000	*0.899*	**0.938**

Total Vehicles On Leg			34318		
Vehicles Entering Intersection		16189	Vehicles Exiting Intersection		18129
Southbound					
Cars	1190	12142	2350	307	35
Heavy	14	176	10	0	6
Total	**1204**	**12318**	**2360**	**307**	**41**

Total Vehicles on Leg	Vehicles Entering Intersection	Eastbound	Cars	Heavy	Total
13089	6726		7	5	**12**
			2	0	**2**
	Vehicles Exiting Intersection		2100	33	**2133**
	6363		1429	28	**1457**
			3107	27	**3134**

Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection	Total Vehicles on Leg
2327	21	**2348**		6113	11672
1349	35	**1384**			
2234	35	**2269**		Vehicles Exiting Intersection	
111	1	**112**		5559	
10	8	**18**			

Cars	1	167	3725	13179	1601
Heavy	0	0	48	162	29
Total	**1**	**167**	**3773**	**13341**	**1630**
Northbound					
Vehicles Entering Intersection		18911	Vehicles Exiting Intersection		17888
Total Vehicles On Leg			36799		

TMC 2656 - CSAH 9 @ Northdale Blvd
Coon Rapids MN
Tuesday, October 27, 2026

Time	Southbound Heavy CSAH 9						Westbound Heavy Northdale Blvd						Northbound Heavy CSAH 9						Eastbound Heavy Northdale Blvd						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	0	0	0	*0*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	**0**
12:15 AM	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**
12:30 AM	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**1**
12:45 AM	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 'Heavy Vehicles'	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**1**
1:00 AM	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**
1:15 AM	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	**1**
1:30 AM	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	1	0	0	0	*1*	0	0	0	0	0	*0*	**1**
1:45 AM	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 'Heavy Vehicles'	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	1	0	0	0	*1*	0	0	0	0	0	*0*	**2**
2:00 AM	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	**1**
2:15 AM	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**
2:30 AM	0	0	0	0	0	*0*	0	1	0	0	0	*1*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	**1**
2:45 AM	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**1**
Hourly 'Heavy Vehicles'	0	0	1	0	0	*1*	0	1	0	0	0	*1*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**3**
3:00 AM	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**
3:15 AM	0	0	2	0	0	*2*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	**2**
3:30 AM	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**
3:45 AM	0	1	0	0	0	*1*	0	0	0	0	0	*0*	0	0	0	1	0	*1*	0	0	0	0	0	*0*	**2**
Hourly 'Heavy Vehicles'	0	1	2	0	0	*3*	0	0	0	0	0	*0*	0	0	0	1	0	*1*	0	0	0	0	0	*0*	**4**
4:00 AM	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	1	0	0	0	*1*	0	0	0	0	0	*0*	**1**
4:15 AM	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**1**
4:30 AM	0	0	0	0	0	*0*	0	1	0	1	0	*2*	0	1	0	1	0	*2*	0	0	1	1	0	*2*	**6**
4:45 AM	0	0	1	0	0	*1*	0	0	0	1	0	*1*	0	1	1	0	0	*2*	0	0	0	0	0	*0*	**4**
Hourly 'Heavy Vehicles'	0	0	1	0	0	*1*	0	1	0	2	0	*3*	0	3	2	1	0	*6*	0	0	1	1	0	*2*	**12**
5:00 AM	0	0	1	0	0	*1*	0	0	1	0	0	*1*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**3**
5:15 AM	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	1	2	1	0	*4*	0	0	0	0	0	*0*	**5**
5:30 AM	0	0	2	0	0	*2*	0	0	0	1	0	*1*	0	0	2	0	0	*2*	0	0	0	0	0	*0*	**5**
5:45 AM	0	0	1	0	0	*1*	0	1	0	1	0	*2*	0	0	1	0	0	*1*	0	1	0	0	0	*1*	**5**
Hourly 'Heavy Vehicles'	0	0	5	0	0	*5*	0	1	1	2	0	*4*	0	1	6	1	0	*8*	0	1	0	0	0	*1*	**18**
6:00 AM	0	0	1	1	0	*2*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**3**
6:15 AM	0	0	2	0	0	*2*	0	1	0	0	0	*1*	0	0	2	0	0	*2*	0	0	1	0	0	*1*	**6**
6:30 AM	0	0	5	0	0	*5*	0	0	1	0	0	*1*	0	1	4	0	0	*5*	0	0	1	0	0	*1*	**12**
6:45 AM	0	0	5	2	0	*7*	0	0	0	1	0	*1*	0	2	5	1	0	*8*	0	0	0	1	0	*1*	**17**
Hourly 'Heavy Vehicles'	0	0	13	3	0	*16*	0	1	1	1	0	*3*	0	3	12	1	0	*16*	0	0	2	1	0	*3*	**38**
7:00 AM	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	2	5	0	0	*7*	0	0	0	1	0	*1*	**9**
7:15 AM	0	0	7	0	0	*7*	0	0	1	0	0	*1*	0	2	6	0	0	*8*	0	1	1	1	0	*3*	**19**
7:30 AM	0	0	3	0	0	*3*	0	1	1	0	0	*2*	0	1	5	0	0	*6*	0	0	0	0	0	*0*	**11**
7:45 AM	0	0	3	1	0	*4*	0	1	0	0	0	*1*	0	1	1	1	0	*3*	0	0	0	0	0	*0*	**8**
Hourly 'Heavy Vehicles'	0	0	14	1	0	*15*	0	2	2	0	0	*4*	0	6	17	1	0	*24*	0	1	1	2	0	*4*	**47**

TMC 2656 - CSAH 9 @ Northdale Blvd
Coon Rapids MN
Tuesday, October 27, 2026

Time	Southbound Heavy CSAH 9						Westbound Heavy Northdale Blvd						Northbound Heavy CSAH 9						Eastbound Heavy Northdale Blvd						VEHICLE 'Heavy Vehicles'
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	*Vehicle Approach 'Heavy Vehicles'*	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	*Vehicle Approach 'Heavy Vehicles'*	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	*Vehicle Approach 'Heavy Vehicles'*	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	*Vehicle Approach 'Heavy Vehicles'*	
8:00 AM	0	0	4	0	0	*4*	0	1	0	0	0	*1*	0	1	1	0	0	*2*	0	3	0	0	0	*3*	**10**
8:15 AM	0	0	3	0	0	*3*	0	0	1	0	0	*1*	0	2	5	0	0	*7*	0	1	1	1	0	*3*	**14**
8:30 AM	0	0	2	0	0	*2*	0	1	2	0	0	*3*	0	1	1	0	0	*2*	0	2	1	1	0	*4*	**11**
8:45 AM	0	0	6	0	0	*6*	0	0	2	0	1	*2*	0	1	2	1	0	*4*	0	2	0	2	0	*4*	**16**
Hourly 'Heavy Vehicles'	0	0	15	0	0	*15*	0	2	5	0	1	*7*	0	5	9	1	0	*15*	0	8	2	4	0	*14*	**51**
9:00 AM	0	0	4	0	0	*4*	0	0	3	0	0	*3*	0	1	3	2	0	*6*	0	2	0	1	0	*3*	**16**
9:15 AM	0	0	4	1	0	*5*	0	0	0	1	0	*1*	0	3	3	2	0	*8*	0	1	1	1	0	*3*	**17**
9:30 AM	0	0	5	1	0	*6*	0	3	1	0	0	*4*	0	0	1	2	0	*3*	0	0	0	1	0	*1*	**14**
9:45 AM	0	0	4	0	0	*4*	0	1	0	0	0	*1*	0	1	2	1	0	*4*	0	1	0	1	0	*2*	**11**
Hourly 'Heavy Vehicles'	0	0	17	2	0	*19*	0	4	4	1	0	*9*	0	5	9	7	0	*21*	0	4	1	4	0	*9*	**58**
10:00 AM	0	0	2	0	0	*2*	0	1	0	1	0	*2*	0	4	4	1	0	*9*	0	0	0	0	0	*0*	**13**
10:15 AM	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	0	4	0	0	*4*	0	0	2	0	0	*2*	**7**
10:30 AM	0	0	1	0	1	*1*	1	2	1	0	0	*4*	0	0	4	1	0	*5*	0	0	0	0	0	*0*	**10**
10:45 AM	0	1	5	0	0	*6*	0	2	0	0	0	*2*	0	1	3	0	0	*4*	0	0	0	1	0	*1*	**13**
Hourly 'Heavy Vehicles'	0	1	9	0	1	*10*	1	5	1	1	0	*8*	0	5	15	2	0	*22*	0	0	2	1	0	*3*	**43**
11:00 AM	0	0	7	0	0	*7*	0	0	1	1	0	*2*	0	3	1	0	0	*4*	0	1	0	0	0	*1*	**14**
11:15 AM	0	2	4	0	1	*6*	0	1	0	2	0	*3*	0	1	1	0	0	*2*	0	0	2	1	1	*3*	**14**
11:30 AM	0	0	1	0	1	*1*	0	1	1	1	1	*3*	0	1	4	3	0	*8*	0	0	0	1	0	*1*	**13**
11:45 AM	0	0	2	0	0	*2*	0	0	0	0	0	*0*	0	1	2	1	0	*4*	0	2	0	1	0	*3*	**9**
Hourly 'Heavy Vehicles'	0	2	14	0	2	*16*	0	2	2	4	1	*8*	0	6	8	4	0	*18*	0	3	2	3	1	*8*	**50**
12:00 PM	0	0	1	0	0	*1*	0	2	2	0	0	*4*	0	0	4	1	0	*5*	0	0	1	1	0	*2*	**12**
12:15 PM	0	0	2	0	0	*2*	0	1	1	2	0	*4*	0	1	3	0	0	*4*	0	1	1	0	0	*2*	**12**
12:30 PM	0	1	5	0	0	*6*	0	1	1	0	0	*2*	0	1	4	0	0	*5*	0	2	0	1	0	*3*	**16**
12:45 PM	0	0	0	1	0	*1*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	**2**
Hourly 'Heavy Vehicles'	0	1	8	1	0	*10*	0	4	4	2	0	*10*	0	2	11	1	0	*14*	0	3	3	2	0	*8*	**42**
1:00 PM	0	0	6	1	0	*7*	0	0	0	0	0	*0*	0	0	3	0	0	*3*	0	0	1	0	0	*1*	**11**
1:15 PM	0	0	5	0	0	*5*	0	1	0	0	0	*1*	0	3	1	0	0	*4*	0	0	1	0	0	*1*	**11**
1:30 PM	0	0	4	0	1	*4*	0	0	1	1	0	*2*	0	0	9	0	0	*9*	0	1	0	2	0	*3*	**18**
1:45 PM	0	1	1	0	0	*2*	0	0	0	1	0	*1*	0	0	5	0	0	*5*	0	0	0	0	0	*0*	**8**
Hourly 'Heavy Vehicles'	0	1	16	1	1	*18*	0	1	1	2	0	*4*	0	3	18	0	0	*21*	0	1	2	2	0	*5*	**48**
2:00 PM	0	0	2	1	0	*3*	0	1	1	2	0	*4*	0	0	1	1	0	*2*	0	0	0	0	0	*0*	**9**
2:15 PM	0	0	4	1	0	*5*	0	0	0	0	1	*0*	0	1	4	0	0	*5*	0	0	1	0	0	*1*	**11**
2:30 PM	0	0	6	1	0	*7*	0	0	1	0	0	*1*	0	1	2	0	0	*3*	0	1	0	1	0	*2*	**13**
2:45 PM	0	0	7	1	0	*8*	0	0	1	0	0	*1*	0	1	1	0	0	*2*	0	0	2	0	0	*2*	**13**
Hourly 'Heavy Vehicles'	0	0	19	4	0	*23*	0	1	3	2	1	*6*	0	3	8	1	0	*12*	0	1	3	1	0	*5*	**46**
3:00 PM	0	1	2	0	0	*3*	0	0	0	1	0	*1*	0	0	5	0	0	*5*	0	0	0	2	0	*2*	**11**
3:15 PM	0	1	5	0	0	*6*	0	0	0	0	0	*0*	0	0	4	1	0	*5*	0	1	1	0	0	*2*	**13**
3:30 PM	0	0	3	0	0	*3*	0	1	2	2	0	*5*	0	0	4	1	0	*5*	0	2	0	0	0	*2*	**15**
3:45 PM	0	0	4	0	0	*4*	0	0	0	0	0	*0*	0	1	2	0	0	*3*	0	1	0	0	0	*1*	**8**
Hourly 'Heavy Vehicles'	0	2	14	0	0	*16*	0	1	2	3	0	*6*	0	1	15	2	0	*18*	0	4	1	2	0	*7*	**47**

TMC 2656 - CSAH 9 @ Northdale Blvd
Coon Rapids MN
Tuesday, October 27, 2026

	Southbound Heavy CSAH 9						Westbound Heavy Northdale Blvd						Northbound Heavy CSAH 9						Eastbound Heavy Northdale Blvd						
Time	**U Turns**	**Left Turns**	**Straight Through**	**Right Turns**	**Crosswalk Crossings**	***Vehicle Approach 'Heavy Vehicles'***	**U Turns**	**Left Turns**	**Straight Through**	**Right Turns**	**Crosswalk Crossings**	***Vehicle Approach 'Heavy Vehicles'***	**U Turns**	**Left Turns**	**Straight Through**	**Right Turns**	**Crosswalk Crossings**	***Vehicle Approach 'Heavy Vehicles'***	**U Turns**	**Left Turns**	**Straight Through**	**Right Turns**	**Crosswalk Crossings**	***Vehicle Approach 'Heavy Vehicles'***	**VEHICLE 'Heavy Vehicles'**
4:00 PM	0	0	1	0	0	*1*	0	0	2	0	0	*2*	0	0	4	0	0	*4*	0	0	1	1	0	*2*	**9**
4:15 PM	0	1	5	0	0	*6*	0	1	1	0	0	*2*	0	0	3	1	0	*4*	0	3	2	0	0	*5*	**17**
4:30 PM	0	0	4	1	0	*5*	0	2	1	0	0	*3*	0	0	1	1	0	*2*	0	0	0	0	0	*0*	**10**
4:45 PM	0	0	2	0	0	*2*	0	2	1	0	0	*3*	0	0	2	0	0	*2*	0	2	1	0	0	*3*	**10**
Hourly 'Heavy Vehicles'	0	1	12	1	0	*14*	0	5	5	0	0	*10*	0	0	10	2	0	*12*	0	5	4	1	0	*10*	**46**
5:00 PM	0	0	5	0	0	*5*	0	0	0	0	0	*0*	0	0	3	1	0	*4*	0	0	1	0	0	*1*	**10**
5:15 PM	0	0	1	0	0	*1*	0	1	0	0	0	*1*	0	1	2	0	0	*3*	0	1	1	0	0	*2*	**7**
5:30 PM	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	1	1	0	0	*2*	0	0	0	0	0	*0*	**3**
5:45 PM	0	0	0	0	0	*0*	0	0	0	0	1	*0*	0	1	1	1	0	*3*	0	0	0	0	2	*0*	**3**
Hourly 'Heavy Vehicles'	0	0	6	0	0	*6*	0	1	1	0	1	*2*	0	3	7	2	0	*12*	0	1	2	0	2	*3*	**23**
6:00 PM	0	1	0	0	1	*1*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	1	0	2	1	*3*	**5**
6:15 PM	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	2	0	0	*2*	0	0	2	0	0	*2*	**4**
6:30 PM	0	0	1	0	0	*1*	0	0	1	0	0	*1*	0	1	1	0	0	*2*	0	0	0	0	0	*0*	**4**
6:45 PM	0	0	0	0	0	*0*	0	1	0	0	0	*1*	0	0	2	0	0	*2*	0	0	0	0	0	*0*	**3**
Hourly 'Heavy Vehicles'	0	1	1	0	1	*2*	0	1	2	0	0	*3*	0	1	5	0	0	*6*	0	1	2	2	1	*5*	**16**
7:00 PM	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	**1**
7:15 PM	0	0	2	0	0	*2*	0	1	0	0	1	*1*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	**3**
7:30 PM	0	0	0	0	1	*0*	0	0	1	0	1	*1*	0	0	0	1	0	*1*	0	0	0	0	0	*0*	**2**
7:45 PM	0	0	0	0	0	*0*	0	0	0	0	1	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**1**
Hourly 'Heavy Vehicles'	0	0	3	0	1	*3*	0	1	1	0	3	*2*	0	0	1	1	0	*2*	0	0	0	0	0	*0*	**7**
8:00 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**
8:15 PM	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**1**
8:30 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**
8:45 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 'Heavy Vehicles'	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**1**
9:00 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**
9:15 PM	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**2**
9:30 PM	0	0	1	0	0	*1*	0	1	0	0	0	*1*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**3**
9:45 PM	0	0	0	1	0	*1*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**2**
Hourly 'Heavy Vehicles'	0	0	2	1	0	*3*	0	1	0	0	0	*1*	0	0	3	0	0	*3*	0	0	0	0	0	*0*	**7**
10:00 PM	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	0	0	1	*0*	**1**
10:15 PM	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	0	1	0	*1*	**1**
10:30 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**
10:45 PM	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	0	0	1	0	*1*	0	0	0	0	0	*0*	**2**
Hourly 'Heavy Vehicles'	0	0	2	0	0	*2*	0	0	0	0	0	*0*	0	0	0	1	0	*1*	0	0	0	1	1	*1*	**4**
11:00 PM	0	0	0	0	0	*0*	0	0	0	0	1	*0*	0	0	0	0	0	*0*	0	0	0	0	0	*0*	**0**
11:15 PM	0	0	0	0	0	*0*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**1**
11:30 PM	0	0	1	0	0	*1*	0	0	0	0	0	*0*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**2**
11:45 PM	0	0	0	0	0	*0*	0	0	0	1	0	*1*	0	0	1	0	0	*1*	0	0	0	0	0	*0*	**2**
Hourly 'Heavy Vehicles'	0	0	1	0	0	*1*	0	0	0	1	1	*1*	0	0	3	0	0	*3*	0	0	0	0	0	*0*	**5**
DAILY 'Heavy Vehicles'	**0**	**10**	**176**	**14**	**6**	***200***	**1**	**35**	**35**	**21**	**8**	***92***	**0**	**48**	**162**	**29**	**0**	***239***	**0**	**33**	**28**	**27**	**5**	***88***	**619**

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2656

Study Date : 11/10/2026

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 9
Number of Lanes : 2+

Total Approach Volume: 18,911

Southbound: CSAH 9
Number of Lanes :2+

Total Approach Volume: 16,189

Minor Street Approaches

Eastbound: Northdale Blvd
Number of Lanes :2+

Total Approach Volume: 3,592

Westbound: Northdale Blvd
Number of Lanes :2+

Total Approach Volume: 3,765

Warrant Summary (Rural Values Apply)

Warrant 1 - Eight Hour Vehicular Volumes.....**Satisfied**

Warrant 1A - Minimum Vehicular Volume.....**Satisfied**
Required volumes reached for 13 hours, 8 are needed

Warrant 1B - Interruption of Continuous Traffic.....**Satisfied**
Required volumes reached for 16 hours, 8 are needed

Warrant 1C - Combination of Warrants.....**Satisfied**
Required 1A volumes reached for 14 hours, 8 are needed
Required 1B volumes reached for 17 hours, 8 are needed

Warrant 2 - Four Hour Volumes.....**Satisfied**
Number of hours (15) volumes exceed minimum >= minimum required (4).

Warrant 3 - Peak Hour.....**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.....**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 2656

Study Date : 11/10/2026

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

13 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 = **2 or more**

Volume Requirements

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

Veh/Hr Minor = **140**

	Major Road CSAH 9					Minor Road Northdale Blvd		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
16:00 - 17:00	2143	+	1110	=	3253	351	376	Yes
15:00 - 16:00	1966	+	955	=	2921	336	315	Yes
17:00 - 18:00	1817	+	1036	=	2853	333	306	Yes
14:00 - 15:00	1514	+	1013	=	2527	356	274	Yes
12:00 - 13:00	1327	+	1007	=	2334	342	263	Yes
13:00 - 14:00	1353	+	912	=	2265	278	287	Yes
11:00 - 12:00	1138	+	972	=	2110	287	276	Yes
18:00 - 19:00	1298	+	803	=	2101	269	262	Yes
07:00 - 08:00	591	+	1510	=	2101	86	160	Yes
10:00 - 11:00	932	+	942	=	1874	203	217	Yes
09:00 - 10:00	782	+	1041	=	1823	166	168	Yes
08:00 - 09:00	673	+	1146	=	1819	119	163	Yes
19:00 - 20:00	946	+	489	=	1435	179	173	Yes
06:45 - 07:45	571	+	1509	=	2080	85	139	No
06:30 - 07:30	529	+	1502	=	2031	83	132	No
06:15 - 07:15	461	+	1361	=	1822	78	127	No
06:00 - 07:00	386	+	1275	=	1661	56	114	No
05:45 - 06:45	293	+	1063	=	1356	46	103	No
05:30 - 06:30	232	+	909	=	1141	29	82	No
20:00 - 21:00	734	+	339	=	1073	99	106	No
05:15 - 06:15	164	+	810	=	974	16	66	No
20:15 - 21:15	644	+	318	=	962	95	78	No
20:30 - 21:30	574	+	280	=	854	88	75	No
05:00 - 06:00	126	+	693	=	819	9	52	No
20:45 - 21:45	496		269		765	83	74	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2656

Study Date : 11/10/2026

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

16 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 = **2 or more**

Volume Requirements

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

Veh/Hr Minor = **70**

	Major Road CSAH 9					Minor Road Northdale Blvd		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
15:30 - 16:30	2117	+	1070	=	3187	351	342	Yes
16:30 - 17:30	2048	+	1068	=	3116	366	361	Yes
14:30 - 15:30	1652	+	947	=	2599	329	283	Yes
17:30 - 18:30	1558	+	968	=	2526	318	274	Yes
13:30 - 14:30	1444	+	965	=	2409	333	288	Yes
12:30 - 13:30	1339	+	951	=	2290	285	273	Yes
11:30 - 12:30	1261	+	992	=	2253	325	301	Yes
06:30 - 07:30	529	+	1502	=	2031	83	132	Yes
10:30 - 11:30	1011	+	988	=	1999	248	237	Yes
07:30 - 08:30	629	+	1368	=	1997	95	165	Yes
09:30 - 10:30	842	+	966	=	1808	190	187	Yes
08:30 - 09:30	726	+	1062	=	1788	138	171	Yes
18:30 - 19:30	1116	+	635	=	1751	195	206	Yes
19:30 - 20:30	858	+	401	=	1259	136	146	Yes
05:30 - 06:30	232	+	909	=	1141	29	82	Yes
20:30 - 21:30	574	+	280	=	854	88	75	Yes
05:15 - 06:15	164	+	810	=	974	16	66	No
05:00 - 06:00	126	+	693	=	819	9	52	No
04:45 - 05:45	100	+	607	=	707	4	41	No
04:30 - 05:30	74	+	486	=	560	6	34	No
21:30 - 22:30	361	+	193	=	554	37	76	No
21:45 - 22:45	321	+	168	=	489	33	72	No
22:00 - 23:00	291	+	152	=	443	27	61	No
04:15 - 05:15	63	+	366	=	429	7	24	No
22:15 - 23:15	238		131		369	23	52	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2656

Study Date : 11/10/2026

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

14 hours meet 1A minimums.
17 hours meet 1B minimums.
Warrant IS met.

Site Data Required

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

Volume Requirements

Rural Factor of 70% applied

Warrant	1A	1B
Veh/Hr Major =	**336**	**504**
Veh/Hr Minor =	**112**	**56**

Major Road	Minor Road
CSAH 9	Northdale Blvd

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1A?
16:00 - 17:00	2143	+	1110	=	3253	351	376	Yes
15:00 - 16:00	1966	+	955	=	2921	336	315	Yes
17:00 - 18:00	1817	+	1036	=	2853	333	306	Yes
14:00 - 15:00	1514	+	1013	=	2527	356	274	Yes
12:00 - 13:00	1327	+	1007	=	2334	342	263	Yes
13:00 - 14:00	1353	+	912	=	2265	278	287	Yes
11:00 - 12:00	1138	+	972	=	2110	287	276	Yes
18:00 - 19:00	1298	+	803	=	2101	269	262	Yes
07:00 - 08:00	591	+	1510	=	2101	86	160	Yes
10:00 - 11:00	932	+	942	=	1874	203	217	Yes
09:00 - 10:00	782	+	1041	=	1823	166	168	Yes
08:00 - 09:00	673	+	1146	=	1819	119	163	Yes

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1B?
16:15 - 17:15	2134	+	1095	=	3229	356	377	Yes
15:15 - 16:15	2021	+	1013	=	3034	358	318	Yes
17:15 - 18:15	1692	+	1018	=	2710	341	296	Yes
14:15 - 15:15	1575	+	999	=	2574	333	293	Yes
12:15 - 13:15	1348	+	986	=	2334	309	276	Yes
13:15 - 14:15	1390	+	925	=	2315	298	268	Yes
11:15 - 12:15	1176	+	968	=	2144	315	294	Yes
07:15 - 08:15	626	+	1482	=	2108	82	164	Yes
10:15 - 11:15	981	+	972	=	1953	236	222	Yes
18:15 - 19:15	1226	+	721	=	1947	211	222	Yes
06:15 - 07:15	461	+	1361	=	1822	78	127	Yes
08:15 - 09:15	714	+	1095	=	1809	129	166	Yes

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2656

Study Date : 11/10/2026

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.

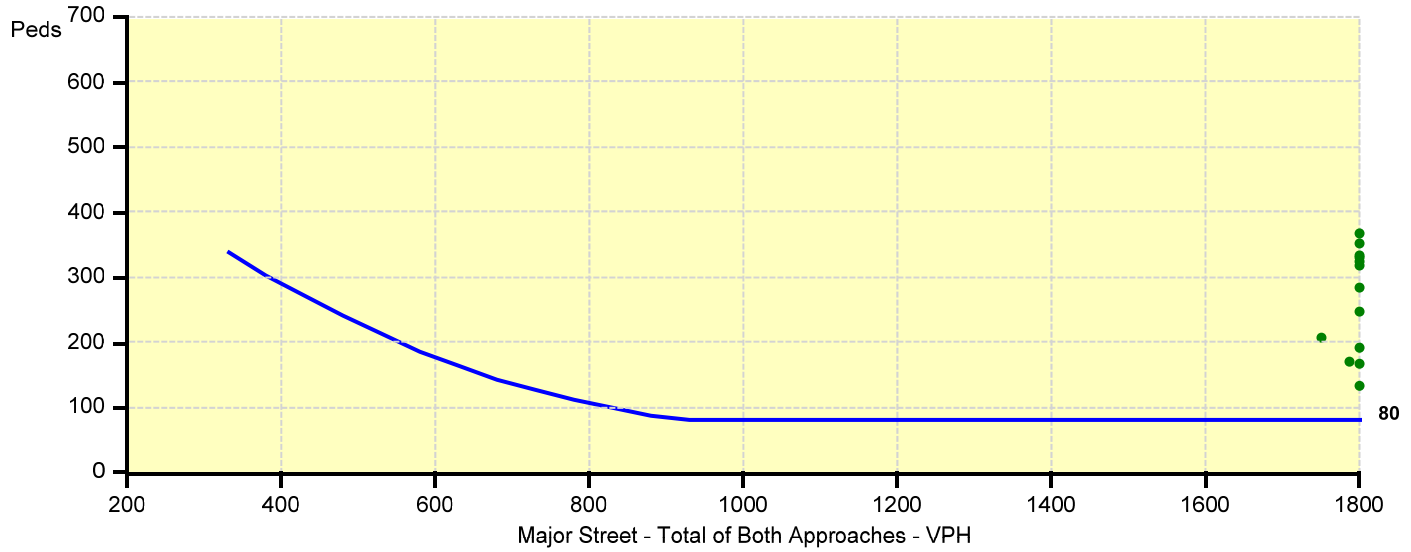
Summary

15 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 = **2 or more**

	Major Road CSAH 9					Minor Road Northdale Blvd		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
15:30 - 16:30	2117	+	1070	=	3187	351	342	Yes
16:30 - 17:30	2048	+	1068	=	3116	366	361	Yes
14:30 - 15:30	1652	+	947	=	2599	329	283	Yes
17:30 - 18:30	1558	+	968	=	2526	318	274	Yes
13:30 - 14:30	1444	+	965	=	2409	333	288	Yes
12:30 - 13:30	1339	+	951	=	2290	285	273	Yes
11:30 - 12:30	1261	+	992	=	2253	325	301	Yes
06:30 - 07:30	529	+	1502	=	2031	83	132	Yes
10:30 - 11:30	1011	+	988	=	1999	248	237	Yes
07:30 - 08:30	629	+	1368	=	1997	95	165	Yes
09:30 - 10:30	842	+	966	=	1808	190	187	Yes
08:30 - 09:30	726		1062		1788	138	171	Yes



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2656

Study Date : 11/10/2026

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

57 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 = **2 or more**

	Major Road CSAH 9					Minor Road Northdale Blvd		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
15:45 - 16:45	2185	+	1081	=	3266	356	367	Yes
16:00 - 17:00	2143	+	1110	=	3253	351	376	Yes
16:15 - 17:15	2134	+	1095	=	3229	356	377	Yes
15:30 - 16:30	2117	+	1070	=	3187	351	342	Yes
16:30 - 17:30	2048	+	1068	=	3116	366	361	Yes
15:15 - 16:15	2021	+	1013	=	3034	358	318	Yes
16:45 - 17:45	1902	+	1043	=	2945	360	328	Yes
15:00 - 16:00	1966	+	955	=	2921	336	315	Yes
17:00 - 18:00	1817	+	1036	=	2853	333	306	Yes
14:45 - 15:45	1843	+	960	=	2803	313	299	Yes
17:15 - 18:15	1692	+	1018	=	2710	341	296	Yes
14:30 - 15:30	1652		947		2599	329	283	Yes

