

TH 169 & TH 41 West Ramp Combined
Shakopee Minnesota
Tuesday, November 8, 2022



Time	Southbound TH 169 Off-Ramp						Westbound TH 41						Northbound						Eastbound TH 41						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	
5:00 AM	0	1	0	18	0	19	0	1	22	0	0	23	0	0	0	0	0	0	0	0	25	4	0	29	71
5:15 AM	0	0	0	31	0	31	0	1	34	0	0	35	0	0	0	0	0	0	0	0	36	10	0	46	112
5:30 AM	0	0	0	58	0	58	0	4	55	0	0	59	0	0	0	0	0	0	0	0	34	8	0	42	159
5:45 AM	0	2	0	61	0	63	0	1	50	0	0	51	0	0	0	0	0	0	0	0	57	23	0	80	194
Hourly Total	0	3	0	168	0	171	0	7	161	0	0	168	0	0	0	0	0	0	0	0	152	45	0	197	536
6:00 AM	0	0	0	43	0	43	0	3	53	0	0	56	0	0	0	0	0	0	0	0	80	21	0	101	200
6:15 AM	0	3	0	62	0	65	0	1	70	0	0	71	0	0	0	0	0	0	0	0	96	22	0	118	254
6:30 AM	0	4	0	90	0	94	0	6	101	0	0	107	0	0	0	0	0	0	0	1	119	18	0	138	339
6:45 AM	0	3	0	101	0	104	0	4	100	0	0	104	0	0	0	0	0	0	0	0	128	34	0	162	370
Hourly Total	0	10	0	296	0	306	0	14	324	0	0	338	0	0	0	0	0	0	0	1	423	95	0	519	1163
7:00 AM	0	4	0	98	0	102	0	10	107	0	0	117	0	0	0	0	0	0	0	0	116	36	0	152	371
7:15 AM	0	4	0	105	0	109	0	12	132	0	0	144	0	0	0	0	0	0	0	0	137	34	0	171	424
7:30 AM	0	5	0	122	0	127	0	8	148	0	0	156	0	0	0	0	0	0	0	0	154	48	0	202	485
7:45 AM	0	14	0	114	0	128	0	16	143	0	0	159	0	0	0	0	0	0	0	0	165	39	0	204	491
Hourly Total	0	27	0	439	0	466	0	46	530	0	0	576	0	0	0	0	0	0	0	0	572	157	0	729	1771
8:00 AM	0	11	0	102	0	113	0	7	127	0	0	134	0	0	0	0	0	0	0	0	151	20	0	171	418
8:15 AM	0	6	0	106	0	112	0	15	88	0	0	103	0	0	0	0	0	0	0	0	148	29	0	177	392
8:30 AM	0	10	0	101	0	111	0	11	78	0	0	89	0	0	0	0	0	0	0	0	132	33	0	165	365
8:45 AM	0	4	0	83	0	87	0	14	77	0	0	91	0	0	0	0	0	0	0	0	141	32	0	173	351
Hourly Total	0	31	0	392	0	423	0	47	370	0	0	417	0	0	0	0	0	0	0	0	572	114	0	686	1526
9:00 AM	0	2	0	83	0	85	0	12	72	0	0	84	0	0	0	0	0	0	0	0	127	30	0	157	326
9:15 AM	0	3	0	69	0	72	0	14	70	0	0	84	0	0	0	0	0	0	0	0	115	49	0	164	320
9:30 AM	0	6	0	78	0	84	0	11	70	0	0	81	0	0	0	0	0	0	0	0	131	29	0	160	325
9:45 AM	0	7	0	90	0	97	0	9	63	0	0	72	0	0	0	0	0	0	0	0	111	26	0	137	306
Hourly Total	0	18	0	320	0	338	0	46	275	0	0	321	0	0	0	0	0	0	0	0	484	134	0	618	1277
10:00 AM	0	6	0	92	0	98	0	11	61	0	0	72	0	0	0	0	0	0	0	0	120	32	0	152	322
10:15 AM	0	7	0	81	0	88	0	11	56	0	0	67	0	0	0	0	0	0	0	0	91	22	0	113	268
10:30 AM	0	9	0	71	0	80	0	12	59	0	0	71	0	0	0	0	0	0	0	1	111	27	0	139	290
10:45 AM	0	8	0	87	0	95	0	7	67	0	0	74	0	0	0	0	0	0	0	0	81	20	0	101	270
Hourly Total	0	30	0	331	0	361	0	41	243	0	0	284	0	0	0	0	0	0	0	1	403	101	0	505	1150
11:00 AM	0	6	0	87	0	93	0	10	52	0	0	62	0	0	0	0	0	0	0	0	115	24	0	139	294
11:15 AM	0	3	0	73	0	76	0	12	62	0	0	74	0	0	0	0	0	0	0	0	113	22	0	135	285
11:30 AM	0	3	0	79	0	82	0	11	57	0	0	68	0	0	0	0	0	0	0	0	99	32	0	131	281
11:45 AM	0	4	0	69	0	73	0	8	54	0	0	62	0	0	0	0	0	0	0	0	114	26	0	140	275
Hourly Total	0	16	0	308	0	324	0	41	225	0	0	266	0	0	0	0	0	0	0	0	441	104	0	545	1135
12:00 PM	0	5	0	95	0	100	0	9	59	0	0	68	0	0	0	0	0	0	0	0	120	43	0	163	331
12:15 PM	0	5	0	99	0	104	0	11	39	0	0	50	0	0	0	0	0	0	0	0	117	35	0	152	306
12:30 PM	0	4	0	82	0	86	0	9	54	0	0	63	0	0	0	0	0	0	0	0	119	33	0	152	301
12:45 PM	0	8	0	104	0	112	0	11	49	0	0	60	0	0	0	0	0	0	0	0	108	32	0	140	312
Hourly Total	0	22	0	380	0	402	0	40	201	0	0	241	0	0	0	0	0	0	0	0	464	143	0	607	1250
1:00 PM	0	5	0	93	0	98	0	8	60	0	0	68	0	0	0	0	0	0	0	0	115	28	0	143	309
1:15 PM	0	3	0	87	0	90	0	12	74	0	0	86	0	0	0	0	0	0	0	0	118	30	0	148	324
1:30 PM	0	8	0	101	0	109	0	10	79	0	0	89	0	0	0	0	0	0	0	0	124	38	0	162	360
1:45 PM	0	2	0	112	0	114	0	10	62	0	0	72	0	0	0	0	0	0	0	0	111	43	0	154	340
Hourly Total	0	18	0	393	0	411	0	40	275	0	0	315	0	0	0	0	0	0	0	0	468	139	0	607	1333
2:00 PM	0	5	0	95	0	100	0	14	55	0	0	69	0	0	0	0	0	0	0	0	127	43	0	170	339
2:15 PM	0	3	0	94	0	97	0	9	58	0	0	67	0	0	0	0	0	0	0	0	152	36	0	188	352
2:30 PM	0	5	0	108	0	113	0	17	69	0	0	86	0	0	0	0	0	0	0	0	146	46	0	192	391
2:45 PM	0	7	0	120	0	127	0	9	67	0	0	76	0	0	0	0	0	0	0	0	175	52	0	227	430
Hourly Total	0	20	0	417	0	437	0	49	249	0	0	298	0	0	0	0	0	0	0	0	600	177	0	777	1512
3:00 PM	0	4	0	123	0	127	0	12	72	0	0	84	0	0	0	0	0	0	0	0	174	55	0	229	440
3:15 PM	0	2	0	140	0	142	0	9	60	0	0	69	0	0	0	0	0	0	0	0	180	56	0	236	447
3:30 PM	0	7	0	135	0	142	0	5	98	0	0	103	0	0	0	0	0	0	0	0	178	55	0	233	478
3:45 PM	0	5	0	139	0	144	0	4	66	0	0	70	0	0	0	0	0	0	0	0	170	80	0	250	464
Hourly Total	0	18	0	537	0	555	0	30	296	0	0	326	0	0	0	0	0	0	0	0	702	246	0	948	1829

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	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	6	0	129	0	135	0	7	62	0	0	69	0	0	0	0	0	0	0	0	0	181	62	0	243	447
4:15 PM	0	5	0	136	0	141	0	8	68	0	0	76	0	0	0	0	0	0	0	0	0	165	82	0	247	464
4:30 PM	0	5	0	133	0	138	0	7	71	0	0	78	0	0	0	0	0	0	0	0	0	197	83	0	280	496
4:45 PM	0	7	0	120	0	127	0	5	80	0	0	85	0	0	0	0	0	0	0	0	0	154	61	0	215	427
Hourly Total	0	23	0	518	0	541	0	27	281	0	0	308	0	0	0	0	0	0	0	0	0	697	288	0	985	1834
5:00 PM	0	2	0	104	0	106	0	8	72	0	0	80	0	0	0	0	0	0	0	0	0	164	70	0	234	420
5:15 PM	0	4	0	135	0	139	0	2	70	0	0	72	0	0	0	0	0	0	0	0	0	133	64	0	197	408
5:30 PM	0	4	0	113	0	117	0	2	73	0	0	75	0	0	0	0	0	0	0	0	0	129	31	0	160	352
5:45 PM	0	4	0	75	0	79	0	0	48	0	0	48	0	0	0	0	0	0	0	0	0	82	31	0	113	240
Hourly Total	0	14	0	427	0	441	0	12	263	0	0	275	0	0	0	0	0	0	0	0	0	508	196	0	704	1420
6:00 PM	0	4	0	98	0	102	0	2	47	0	0	49	0	0	0	0	0	0	0	0	0	98	31	0	129	280
6:15 PM	0	3	0	88	0	91	0	5	42	0	0	47	0	0	0	0	0	0	0	0	0	80	27	0	107	245
6:30 PM	0	5	0	65	0	70	0	0	36	0	0	36	0	0	0	0	0	0	0	0	0	71	28	0	99	205
6:45 PM	0	6	0	68	0	74	0	3	27	0	0	30	0	0	0	0	0	0	0	0	0	70	20	0	90	194
Hourly Total	0	18	0	319	0	337	0	10	152	0	0	162	0	0	0	0	0	0	0	0	0	319	106	0	425	924
7:00 PM	0	2	0	57	0	59	0	1	31	0	0	32	0	0	0	0	0	0	0	0	0	49	23	0	72	163
7:15 PM	0	1	0	46	0	47	0	3	35	0	0	38	0	0	0	0	0	0	0	0	0	50	17	0	67	152
7:30 PM	0	0	0	43	0	43	0	2	23	0	0	25	0	0	0	0	0	0	0	0	0	47	20	0	67	135
7:45 PM	0	3	0	35	0	38	0	1	18	0	0	19	0	0	0	0	0	0	0	0	0	42	8	0	50	107
Hourly Total	0	6	0	181	0	187	0	7	107	0	0	114	0	0	0	0	0	0	0	0	0	188	68	0	256	557
8:00 PM	0	1	0	43	0	44	0	0	18	0	0	18	0	0	0	0	0	0	0	0	0	47	17	0	64	126
8:15 PM	0	1	0	39	0	40	0	3	23	0	0	26	0	0	0	0	0	0	0	0	0	32	9	0	41	107
8:30 PM	0	3	0	30	0	33	0	0	25	0	0	25	0	0	0	0	0	0	0	0	0	47	24	0	71	129
8:45 PM	0	0	0	32	0	32	0	3	11	0	0	14	0	0	0	0	0	0	0	0	0	35	12	0	47	93
Hourly Total	0	5	0	144	0	149	0	6	77	0	0	83	0	0	0	0	0	0	0	0	0	161	62	0	223	455
9:00 PM	0	0	0	24	0	24	0	1	13	0	0	14	0	0	0	0	0	0	0	0	0	36	16	0	52	90
9:15 PM	0	0	0	27	0	27	0	0	17	0	0	17	0	0	0	0	0	0	0	0	0	31	9	0	40	84
9:30 PM	0	1	0	26	0	27	0	1	16	0	0	17	0	0	0	0	0	0	0	0	0	28	2	0	30	74
9:45 PM	0	1	0	18	0	19	0	1	15	0	0	16	0	0	0	0	0	0	0	0	0	26	16	0	42	77
Hourly Total	0	2	0	95	0	97	0	3	61	0	0	64	0	0	0	0	0	0	0	0	0	121	43	0	164	325
10:00 PM	0	0	0	18	0	18	0	0	13	0	0	13	0	0	0	0	0	0	0	0	0	17	8	0	25	56
10:15 PM	0	2	0	16	0	18	0	1	13	0	0	14	0	0	0	0	0	0	0	0	0	21	10	0	31	63
10:30 PM	0	0	0	14	0	14	0	3	12	0	0	15	0	0	0	0	0	0	0	0	0	14	3	0	17	46
10:45 PM	0	2	0	23	0	25	0	1	4	0	0	5	0	0	0	0	0	0	0	0	0	7	7	0	14	44
Hourly Total	0	4	0	71	0	75	0	5	42	0	0	47	0	0	0	0	0	0	0	0	0	59	28	0	87	209
DAILY TOTAL	0	285	0	5736	0	6021	0	471	4132	0	0	4603	0	0	0	0	0	0	2	0	7334	2246	0	9582	20206	
Cars	0	255	0	4930	0	5185	0	221	3649	0	0	3870	0	0	0	0	0	0	0	2	0	6498	1880	0	8380	17435
Heavy Vehicles	0	30	0	806	0	836	0	250	483	0	0	733	0	0	0	0	0	0	0	0	0	836	366	0	1202	2771
Heavy Vehicle %	0.00%	10.53%	0.00%	14.05%	0.00%	13.88%	0.00%	53.08%	11.69%	0.00%	0.00%	15.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.40%	16.30%	0.00%	12.54%	13.71%	

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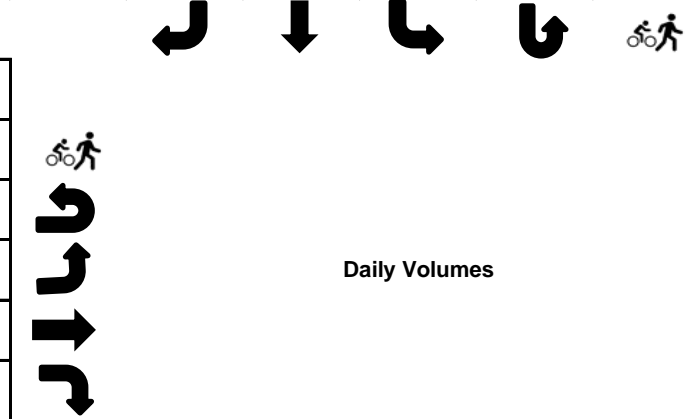


Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
7:15 AM	0	4	0	105	0	109	0	12	132	0	0	144	0	0	0	0	0	0	0	0	137	34	0	171	424
7:30 AM	0	5	0	122	0	127	0	8	148	0	0	156	0	0	0	0	0	0	0	0	154	48	0	202	485
7:45 AM	0	14	0	114	0	128	0	16	143	0	0	159	0	0	0	0	0	0	0	0	165	39	0	204	491
8:00 AM	0	11	0	102	0	113	0	7	127	0	0	134	0	0	0	0	0	0	0	0	151	20	0	171	418
Peak Hour Total	0	34	0	443	0	477	0	43	550	0	0	593	0	0	0	0	0	0	0	0	607	141	0	748	1818
PHF	0.000	0.607	0.000	0.908	0.000	0.932	0.000	0.672	0.929	0.000	0.000	0.932	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.920	0.734	0.000	0.917	0.926

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	0	5	0	139	0	144	0	4	66	0	0	70	0	0	0	0	0	0	0	0	170	80	0	250	464
4:00 PM	0	6	0	129	0	135	0	7	62	0	0	69	0	0	0	0	0	0	0	0	181	62	0	243	447
4:15 PM	0	5	0	136	0	141	0	8	68	0	0	76	0	0	0	0	0	0	0	0	165	82	0	247	464
4:30 PM	0	5	0	133	0	138	0	7	71	0	0	78	0	0	0	0	0	0	0	0	197	83	0	280	496
Peak Hour Total	0	21	0	537	0	558	0	26	267	0	0	293	0	0	0	0	0	0	0	0	713	307	0	1020	1871
PHF	0.000	0.875	0.000	0.966	0.000	0.969	0.000	0.813	0.940	0.000	0.000	0.939	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.905	0.925	0.000	0.911	0.943

Total Vehicles On Leg		6021	
Vehicles Entering Intersection		6021	
Vehicles Exiting Intersection		0	
Southbound			
Cars	4930	0	255
Heavy	806	0	30
Total	5736	0	285

Total Vehicles on Leg 19452	Eastbound	Cars	0	0	0
		Heavy	2	0	2
		Total	0	0	0
		Vehicles Entering Intersection	9582		
Total Vehicles on Leg 19452	Eastbound	Cars	6498	836	7334
		Heavy	1880	366	2246
		Total			
		Vehicles Exiting Intersection	9870		



Cars	0	0	0		
Heavy	0	0	0		
Total	0	0	0		
Total Vehicles on Leg 12222	Westbound	Cars	3649	483	4132
		Heavy	221	250	471
		Total	0	0	0
		Vehicles Entering Intersection	4603		
Total Vehicles on Leg 12222	Westbound	Cars	0	0	0
		Heavy	0	0	0
		Total	0	0	0
		Vehicles Exiting Intersection	7619		

Cars	0	0	0	0	0
Heavy	0	0	0	0	0
Total	0	0	0	0	0
Northbound					
Vehicles Entering Intersection			0		
Vehicles Exiting Intersection			2717		
Total Vehicles On Leg			2717		