

**TH 169 & TH 41 West Ramp Combined Count
Shakopee Minnesota
Sunday, November 13, 2022**



Time	Southbound TH 169						Westbound TH 41						Northbound TH 169						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	0	0	7	0	7	0	0	5	0	0	5	0	0	0	0	0	0	0	0	5	1	0	6	18
5:15 AM	0	0	0	8	0	8	0	0	4	0	0	4	0	0	0	0	0	0	0	0	3	3	0	6	18
5:30 AM	0	0	0	15	0	15	0	1	12	0	0	13	0	0	0	0	0	0	0	0	9	1	0	10	38
5:45 AM	0	0	0	14	0	14	0	0	3	0	0	3	0	0	0	0	0	0	0	0	17	1	0	18	35
Hourly Total	0	0	0	44	0	44	0	1	24	0	0	25	0	0	0	0	0	0	0	0	34	6	0	40	109
6:00 AM	0	0	0	10	0	10	0	0	6	0	0	6	0	0	0	0	0	0	0	0	19	6	0	25	41
6:15 AM	0	0	0	18	0	18	0	0	9	0	0	9	0	0	0	0	0	0	0	0	20	5	0	25	52
6:30 AM	0	0	0	13	0	13	0	0	7	0	0	7	0	0	0	0	0	0	0	0	22	6	0	28	48
6:45 AM	0	0	0	13	0	13	0	0	16	0	0	16	0	0	0	0	0	0	0	0	22	10	0	32	61
Hourly Total	0	0	0	54	0	54	0	0	38	0	0	38	0	0	0	0	0	0	0	0	83	27	0	110	202
7:00 AM	0	0	0	22	0	22	0	0	17	0	0	17	0	0	0	0	0	0	0	0	38	7	0	45	84
7:15 AM	0	0	0	10	0	10	0	0	21	0	0	21	0	0	0	0	0	0	0	0	30	10	0	40	71
7:30 AM	0	0	0	14	0	14	0	0	11	0	0	11	0	0	0	0	0	0	0	0	34	8	0	42	67
7:45 AM	0	1	0	22	0	23	0	1	13	0	0	14	0	0	0	0	0	0	0	0	29	4	0	33	70
Hourly Total	0	1	0	68	0	69	0	1	62	0	0	63	0	0	0	0	0	0	0	0	131	29	0	160	292
8:00 AM	0	0	0	21	0	21	0	1	13	0	0	14	0	0	0	0	0	0	0	0	37	6	0	43	78
8:15 AM	0	1	0	22	0	23	0	2	25	0	0	27	0	0	0	0	0	0	0	0	32	12	0	44	94
8:30 AM	0	0	0	35	0	35	0	1	34	0	0	35	0	0	0	0	0	0	0	0	53	8	0	61	131
8:45 AM	0	0	0	26	0	26	0	2	33	0	0	35	0	0	0	0	0	0	0	0	66	13	0	79	140
Hourly Total	0	1	0	104	0	105	0	6	105	0	0	111	0	0	0	0	0	0	0	0	188	39	0	227	443
9:00 AM	0	1	0	28	0	29	0	3	26	0	0	29	0	0	0	0	0	0	0	0	49	8	0	57	115
9:15 AM	0	1	0	46	0	47	0	0	39	0	0	39	0	0	0	0	0	0	0	0	65	16	0	81	167
9:30 AM	0	0	0	44	0	44	0	0	48	0	0	48	0	0	0	0	0	0	0	0	70	15	0	85	177
9:45 AM	0	0	0	47	0	47	0	0	31	0	0	31	0	0	0	0	0	0	0	0	111	24	0	135	213
Hourly Total	0	2	0	165	0	167	0	3	144	0	0	147	0	0	0	0	0	0	0	0	295	63	0	358	672
10:00 AM	0	1	0	48	0	49	0	1	38	0	0	39	0	0	0	0	0	0	0	0	67	20	0	87	175
10:15 AM	0	2	0	46	0	48	0	6	49	0	0	55	0	0	0	0	0	0	0	0	100	13	0	113	216
10:30 AM	0	3	0	60	0	63	0	3	48	0	0	51	0	0	0	0	0	0	0	0	142	22	0	164	278
10:45 AM	0	6	0	71	0	77	0	3	48	0	0	51	0	0	0	0	0	0	0	0	108	12	0	120	248
Hourly Total	0	12	0	225	0	237	0	13	183	0	0	196	0	0	0	0	0	0	0	0	417	67	0	484	917
11:00 AM	0	3	0	70	0	73	0	3	65	0	0	68	0	0	0	0	0	0	0	0	112	36	0	148	289
11:15 AM	0	8	0	56	0	64	0	3	51	0	0	54	0	0	0	0	0	0	0	0	123	33	0	156	274
11:30 AM	0	8	0	75	0	83	0	5	43	0	0	48	0	0	0	1	0	0	0	0	126	23	0	149	280
11:45 AM	0	11	0	82	0	93	0	2	43	0	0	45	0	0	0	0	0	0	0	0	107	26	0	133	271
Hourly Total	0	30	0	283	0	313	0	13	202	0	0	215	0	0	0	0	1	0	0	0	468	118	0	586	1114
12:00 PM	0	15	0	87	0	102	0	3	36	0	0	39	0	0	0	0	0	0	0	0	118	40	0	158	299
12:15 PM	0	3	0	87	0	90	0	5	46	0	0	51	0	0	0	0	0	0	0	0	111	35	0	146	287
12:30 PM	0	6	0	73	0	79	0	4	50	0	0	54	0	0	0	0	0	0	0	0	95	28	0	123	256
12:45 PM	0	3	0	72	0	75	0	3	54	0	0	57	0	0	0	0	0	0	0	0	95	26	0	121	253
Hourly Total	0	27	0	319	0	346	0	15	186	0	0	201	0	0	0	0	0	0	0	0	419	129	0	548	1095
1:00 PM	0	1	0	86	0	87	0	4	44	0	0	48	0	0	0	0	0	0	0	0	74	26	0	100	235
1:15 PM	0	2	0	79	0	81	0	1	51	0	0	52	0	0	0	0	0	0	0	0	80	26	0	106	239
1:30 PM	0	0	0	76	0	76	0	5	46	0	0	51	0	0	0	0	0	0	0	0	88	27	0	115	242
1:45 PM	0	5	0	66	0	71	0	1	44	0	0	45	0	0	0	0	0	0	0	0	110	21	0	131	247
Hourly Total	0	8	0	307	0	315	0	11	185	0	0	196	0	0	0	0	0	0	0	0	352	100	0	452	963
2:00 PM	0	0	0	81	0	81	0	3	52	0	0	55	0	0	0	0	0	0	0	0	99	26	0	125	261
2:15 PM	0	2	0	101	0	103	0	2	39	0	0	41	0	0	0	0	0	0	0	0	90	32	0	122	266
2:30 PM	0	6	0	70	0	76	0	1	38	0	0	39	0	0	0	0	0	0	0	0	87	27	0	114	229
2:45 PM	0	6	0	76	0	82	0	4	30	0	0	34	0	0	0	0	0	0	0	0	100	22	0	122	238
Hourly Total	0	14	0	328	0	342	0	10	159	0	0	169	0	0	0	0	0	0	0	0	376	107	0	483	994
3:00 PM	0	8	0	75	0	83	0	2	39	0	0	41	0	0	0	0	0	0	0	0	68	21	0	89	213
3:15 PM	0	3	0	70	0	73	0	5	31	0	0	36	0	0	0	0	0	0	0	0	55	25	0	80	189
3:30 PM	0	2	0	78	0	80	0	1	38	0	0	39	0	0	0	0	0	0	0	0	88	31	0	119	238
3:45 PM	0	3	0	75	0	78	0	2	48	0	0	50	0	0	0	0	0	0	0	0	82	32	0	114	242
Hourly Total	0	16	0	298	0	314	0	10	156	0	0	166	0	0	0	0	0	0	0	0	293	109	0	402	882

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Time	Southbound TH 169						Westbound TH 41						Northbound TH 169						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	
4:00 PM	0	3	0	95	0	98	0	3	52	0	0	55	0	0	0	0	0	0	0	0	108	36	0	144	297
4:15 PM	0	2	0	72	0	74	0	5	72	0	0	77	0	0	0	0	0	0	0	0	98	23	0	121	272
4:30 PM	0	1	0	83	0	84	0	3	60	0	0	63	0	0	0	0	0	0	0	0	103	26	0	129	276
4:45 PM	0	4	0	60	0	64	0	2	50	0	0	52	0	0	0	0	0	0	0	0	65	29	0	94	210
Hourly Total	0	10	0	310	0	320	0	13	234	0	0	247	0	0	0	0	0	0	0	0	374	114	0	488	1055
5:00 PM	0	6	0	86	0	92	0	0	45	0	0	45	0	0	0	0	0	0	0	0	79	27	0	106	243
5:15 PM	0	9	0	64	0	73	0	7	53	0	0	60	0	0	0	0	0	0	0	0	94	19	0	113	246
5:30 PM	0	4	0	62	0	66	0	0	49	0	0	49	0	0	0	0	0	0	0	0	70	22	0	92	207
5:45 PM	0	3	0	82	0	85	0	3	42	0	0	45	0	0	0	0	0	0	0	0	58	15	0	73	203
Hourly Total	0	22	0	294	0	316	0	10	189	0	0	199	0	0	0	0	0	0	0	0	301	83	0	384	899
6:00 PM	0	1	0	56	0	57	0	3	20	0	0	23	0	0	0	0	0	0	0	0	51	28	0	79	159
6:15 PM	0	1	0	40	0	41	0	0	38	0	0	38	0	0	0	0	0	0	0	0	71	24	0	95	174
6:30 PM	0	1	0	42	0	43	0	2	26	0	0	28	0	0	0	0	0	0	0	0	62	17	0	79	150
6:45 PM	0	1	0	55	0	56	0	4	32	0	0	36	0	0	0	0	0	0	0	0	43	24	0	67	159
Hourly Total	0	4	0	193	0	197	0	9	116	0	0	125	0	0	0	0	0	0	0	0	227	93	0	320	642
7:00 PM	0	2	0	43	0	45	0	1	26	0	0	27	0	0	0	0	0	0	0	0	40	15	0	55	127
7:15 PM	0	2	0	46	0	48	0	2	18	0	0	20	0	0	0	0	0	0	0	0	55	16	0	71	139
7:30 PM	0	2	0	28	0	30	0	4	35	0	0	39	0	0	0	0	1	0	0	0	41	18	0	59	128
7:45 PM	0	2	0	37	0	39	0	0	26	0	0	26	0	0	0	0	0	0	0	0	31	10	0	41	106
Hourly Total	0	8	0	154	0	162	0	7	105	0	0	112	0	0	0	0	1	0	0	0	167	59	0	226	500
8:00 PM	0	1	0	43	0	44	0	0	29	0	0	29	0	0	0	0	0	0	0	0	40	11	0	51	124
8:15 PM	0	0	0	37	0	37	0	2	34	0	0	36	0	0	0	0	0	0	1	0	39	14	0	54	127
8:30 PM	0	0	0	32	0	32	0	0	19	0	0	19	0	0	0	0	0	0	0	0	17	10	0	27	78
8:45 PM	0	2	0	16	0	18	0	2	15	0	0	17	0	0	0	0	0	0	0	0	25	12	0	37	72
Hourly Total	0	3	0	128	0	131	0	4	97	0	0	101	0	0	0	0	0	0	1	0	121	47	0	169	401
9:00 PM	0	1	0	25	0	26	0	0	20	0	0	20	0	0	0	0	0	0	0	0	22	5	0	27	73
9:15 PM	0	2	0	26	0	28	0	1	17	0	0	18	0	0	0	0	0	0	0	0	12	8	0	20	66
9:30 PM	0	0	0	21	0	21	0	0	18	0	0	18	0	0	0	0	0	0	0	0	22	5	0	27	66
9:45 PM	0	0	0	15	0	15	0	1	13	0	0	14	0	0	0	0	0	0	0	0	15	2	0	17	46
Hourly Total	0	3	0	87	0	90	0	2	68	0	0	70	0	0	0	0	0	0	0	0	71	20	0	91	251
10:00 PM	0	0	0	18	0	18	0	2	5	0	0	7	0	0	0	0	0	0	0	0	17	6	0	23	48
10:15 PM	0	2	0	16	0	18	0	1	12	0	0	13	0	0	0	0	0	0	0	0	15	3	0	18	49
10:30 PM	0	0	0	18	0	18	0	0	9	0	0	9	0	0	0	0	0	0	0	0	13	3	0	16	43
10:45 PM	0	1	0	15	0	16	0	0	14	0	0	14	0	0	0	0	0	0	0	0	18	3	0	21	51
Hourly Total	0	3	0	67	0	70	0	3	40	0	0	43	0	0	0	0	0	0	0	0	63	15	0	78	191
11:00 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
11:15 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
11:30 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
11:45 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAILY TOTAL	0	164	0	3428	0	3592	0	131	2293	0	0	2424	0	0	0	0	2	0	1	0	4380	1225	0	5606	11622
Cars	0	162	0	3380	0	3542	0	130	2274	0	0	2404	0	0	0	0	1	0	1	0	4333	1210	0	5544	11490
Heavy Vehicles	0	2	0	48	0	50	0	1	19	0	0	20	0	0	0	0	1	0	0	0	47	15	0	62	132
Heavy Vehicle %	0.00%	1.22%	0.00%	1.40%	0.00%	1.39%	0.00%	0.76%	0.83%	0.00%	0.00%	0.83%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	1.07%	1.22%	0.00%	1.11%	1.14%

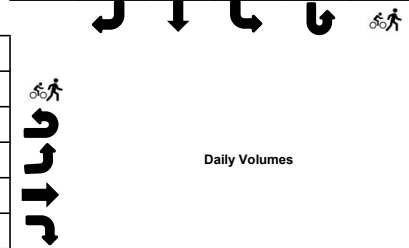
TH 169 & TH 41 West Ramp Combined Count Shakopee Minnesota Sunday, November 13, 2022



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	
11:00 AM	0	3	0	70	0	73	0	3	65	0	0	68	0	0	0	0	0	0	0	0	112	36	0	148	289
11:15 AM	0	8	0	56	0	64	0	3	51	0	0	54	0	0	0	0	0	0	0	0	123	33	0	156	274
11:30 AM	0	8	0	75	0	83	0	5	43	0	0	48	0	0	0	0	1	0	0	0	126	23	0	149	280
11:45 AM	0	11	0	82	0	93	0	2	43	0	0	45	0	0	0	0	0	0	0	0	107	26	0	133	271
Peak Hour Total PHF	0.000	0.682	0.000	0.863	0.000	0.841	0.000	0.650	0.777	0.000	0.000	0.790	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.929	0.819	0.000	0.939	1114

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	0	15	0	87	0	102	0	3	36	0	0	39	0	0	0	0	0	0	0	0	118	40	0	158	299
12:15 PM	0	3	0	87	0	90	0	5	46	0	0	51	0	0	0	0	0	0	0	0	111	35	0	146	287
12:30 PM	0	6	0	73	0	79	0	4	50	0	0	54	0	0	0	0	0	0	0	0	95	28	0	123	256
12:45 PM	0	3	0	72	0	75	0	3	54	0	0	57	0	0	0	0	0	0	0	0	95	26	0	121	253
Peak Hour Total PHF	0.000	0.450	0.000	0.917	0.000	0.848	0.000	0.750	0.861	0.000	0.000	0.882	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.888	0.806	0.000	0.867	1095	

Total Vehicles On Leg		3592	
Vehicles Entering Intersection	3592	Vehicles Exiting Intersection	0
Southbound			
Cars	3380	0	162
Heavy	48	0	2
Total	3428	0	164



Cars	Heavy	Total	Westbound	Vehicles Entering Intersection	Total Vehicles on Leg 6968
0	0	0		Vehicles Exiting Intersection	
2274	19	2293			
130	1	131			
0	0	0			

Total Vehicles on Leg 11328	Vehicles Entering Intersection	Eastbound	Cars	Heavy	Total
	5606		0	0	0
			1	0	1
	Vehicles Exiting Intersection		0	0	0
	5722		4333	47	4380
	1210	15	1225		

Cars	1	0	0	0	0
Heavy	1	0	0	0	0
Total	2	0	0	0	0
Northbound					
Vehicles Entering Intersection	0		Vehicles Exiting Intersection	1356	
Total Vehicles On Leg	1356				