



Spack Solutions

43 Main Street SE, Suite 136
Minneapolis, MN 55414

TH 169 at Cedar Lake Rd [West Ramp]
City: Minnetonka
Data By: Spack Solutions
TURN MOVEMENT COUNT

File Name : 12_TH-169-at-Cedar-Lake-Road-West-Ramp
Site Code : 00000000
Start Date : 3/17/2021
Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	Jordan Ave S Southbound				Cedar Lake Rd Westbound				Jordan Ave S Northbound				Cedar Lake Rd Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
06:00 AM	0	1	0	0	0	11	7	0	5	0	7	0	12	13	0	0	56
06:15 AM	0	0	0	1	0	10	15	0	16	0	2	0	13	10	0	0	67
06:30 AM	0	1	0	0	0	19	20	0	11	0	5	0	34	22	0	0	112
06:45 AM	0	1	2	0	0	16	20	0	19	0	2	0	27	16	0	0	103
Total	0	3	2	1	0	56	62	0	51	0	16	0	86	61	0	0	338
07:00 AM	1	0	0	2	0	18	20	0	15	0	10	0	44	31	0	0	141
07:15 AM	0	1	2	0	0	27	43	0	29	0	9	0	36	28	0	0	175
07:30 AM	0	3	2	0	0	30	80	0	24	0	17	0	36	33	0	0	225
07:45 AM	0	1	1	0	1	45	43	0	26	0	6	0	39	38	0	0	200
Total	1	5	5	2	1	120	186	0	94	0	42	0	155	130	0	0	741
08:00 AM	0	3	3	0	0	40	27	0	18	0	18	0	38	41	0	0	188
08:15 AM	0	1	2	0	1	49	29	0	12	1	18	0	25	37	0	0	175
08:30 AM	1	3	1	0	1	39	40	0	13	2	24	0	50	33	1	0	208
08:45 AM	0	0	2	0	2	35	19	0	13	0	12	0	49	47	0	0	179
Total	1	7	8	0	4	163	115	0	56	3	72	0	162	158	1	0	750
09:00 AM	1	2	2	0	2	40	23	0	14	1	18	0	26	33	0	0	162
09:15 AM	2	0	0	0	0	42	24	0	8	1	20	0	30	20	0	0	147
09:30 AM	0	3	2	0	2	38	21	0	15	0	15	0	37	19	0	0	152
09:45 AM	0	1	1	0	3	50	23	0	10	0	23	0	23	27	0	0	161
Total	3	6	5	0	7	170	91	0	47	2	76	0	116	99	0	0	622
10:00 AM	1	5	2	0	0	49	24	0	10	0	11	0	29	38	1	0	170
10:15 AM	1	1	0	0	0	69	14	0	9	0	57	0	39	57	1	0	248
10:30 AM	0	2	0	0	3	44	14	0	19	0	27	0	40	50	1	0	200
10:45 AM	0	2	1	0	2	46	25	0	12	0	26	0	26	37	0	0	177
Total	2	10	3	0	5	208	77	0	50	0	121	0	134	182	3	0	795
11:00 AM	0	2	1	0	3	41	15	0	14	1	21	0	31	28	0	0	157
11:15 AM	1	2	2	0	0	51	24	0	11	0	4	0	42	33	0	0	170
11:30 AM	2	2	1	0	0	60	23	0	16	1	14	0	41	29	1	0	190
11:45 AM	0	3	0	0	1	59	23	0	6	0	19	0	34	30	1	0	176
Total	3	9	4	0	4	211	85	0	47	2	58	0	148	120	2	0	693
12:00 PM	0	1	0	0	1	55	37	0	11	0	14	0	34	33	1	0	187
12:15 PM	1	1	1	0	0	63	30	0	12	1	22	0	39	41	1	0	212
12:30 PM	0	3	0	0	3	60	31	0	21	5	21	0	48	38	1	0	231
12:45 PM	1	2	1	0	1	39	24	0	12	0	17	1	42	44	0	0	184
Total	2	7	2	0	5	217	122	0	56	6	74	1	163	156	3	0	814
01:00 PM	0	1	0	2	1	36	18	0	14	0	16	0	28	44	1	0	161
01:15 PM	1	2	1	1	2	42	28	0	9	1	21	0	30	40	0	0	178
01:30 PM	1	1	1	0	0	58	25	0	18	0	10	0	39	35	2	0	190
01:45 PM	0	2	3	0	0	63	19	0	22	1	24	0	46	31	0	0	211
Total	2	6	5	3	3	199	90	0	63	2	71	0	143	150	3	0	740
02:00 PM	0	0	1	0	1	57	34	0	17	0	26	0	32	40	0	0	208
02:15 PM	3	2	1	0	2	66	56	0	17	0	46	0	41	34	2	0	270



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Start Date : 3/17/2021

TURN MOVEMENT COUNT

Page No : 2

Groups Printed- Vehicles - Trucks

Start Time	Jordan Ave S Southbound				Cedar Lake Rd Westbound				Jordan Ave S Northbound				Cedar Lake Rd Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
02:30 PM	2	0	3	0	0	73	52	0	14	1	36	0	61	70	0	0	312
02:45 PM	0	1	3	0	2	68	30	0	15	2	36	0	62	70	1	0	290
Total	5	3	8	0	5	264	172	0	63	3	144	0	196	214	3	0	1080
03:00 PM	1	0	1	0	3	72	32	0	16	1	25	0	46	47	0	0	244
03:15 PM	1	0	0	0	1	81	35	0	17	3	27	0	57	61	0	0	283
03:30 PM	1	1	2	0	1	83	31	0	17	2	21	0	59	49	1	0	268
03:45 PM	0	1	1	0	4	69	28	0	23	0	25	0	54	36	0	1	242
Total	3	2	4	0	9	305	126	0	73	6	98	0	216	193	1	1	1037
04:00 PM	1	1	0	0	1	67	45	0	18	1	20	0	48	51	1	0	254
04:15 PM	0	2	1	0	2	104	48	0	20	0	30	0	56	45	0	0	308
04:30 PM	0	0	2	0	2	95	41	0	23	1	30	0	63	59	1	1	318
04:45 PM	0	1	0	1	3	108	39	0	17	1	22	0	66	59	0	1	318
Total	1	4	3	1	8	374	173	0	78	3	102	0	233	214	2	2	1198
05:00 PM	0	2	2	0	1	78	50	0	15	0	40	0	62	49	0	0	299
05:15 PM	0	1	1	0	1	92	53	0	24	0	42	0	52	54	0	0	320
05:30 PM	1	3	1	1	2	69	39	0	20	1	27	0	47	44	0	1	256
05:45 PM	1	1	0	0	2	72	31	0	22	3	28	0	41	61	1	0	263
Total	2	7	4	1	6	311	173	0	81	4	137	0	202	208	1	1	1138
Grand Total	25	69	53	8	57	2598	1472	0	759	31	1011	1	1954	1885	19	4	9946
Apprch %	16.1	44.5	34.2	5.2	1.4	63	35.7	0	42.1	1.7	56.1	0.1	50.6	48.8	0.5	0.1	
Total %	0.3	0.7	0.5	0.1	0.6	26.1	14.8	0	7.6	0.3	10.2	0	19.6	19	0.2	0	
Vehicles	24	66	52	8	56	2564	1439	0	738	30	963	1	1917	1827	19	4	9708
% Vehicles	96	95.7	98.1	100	98.2	98.7	97.8	0	97.2	96.8	95.3	100	98.1	96.9	100	100	97.6
Trucks	1	3	1	0	1	34	33	0	21	1	48	0	37	58	0	0	238
% Trucks	4	4.3	1.9	0	1.8	1.3	2.2	0	2.8	3.2	4.7	0	1.9	3.1	0	0	2.4



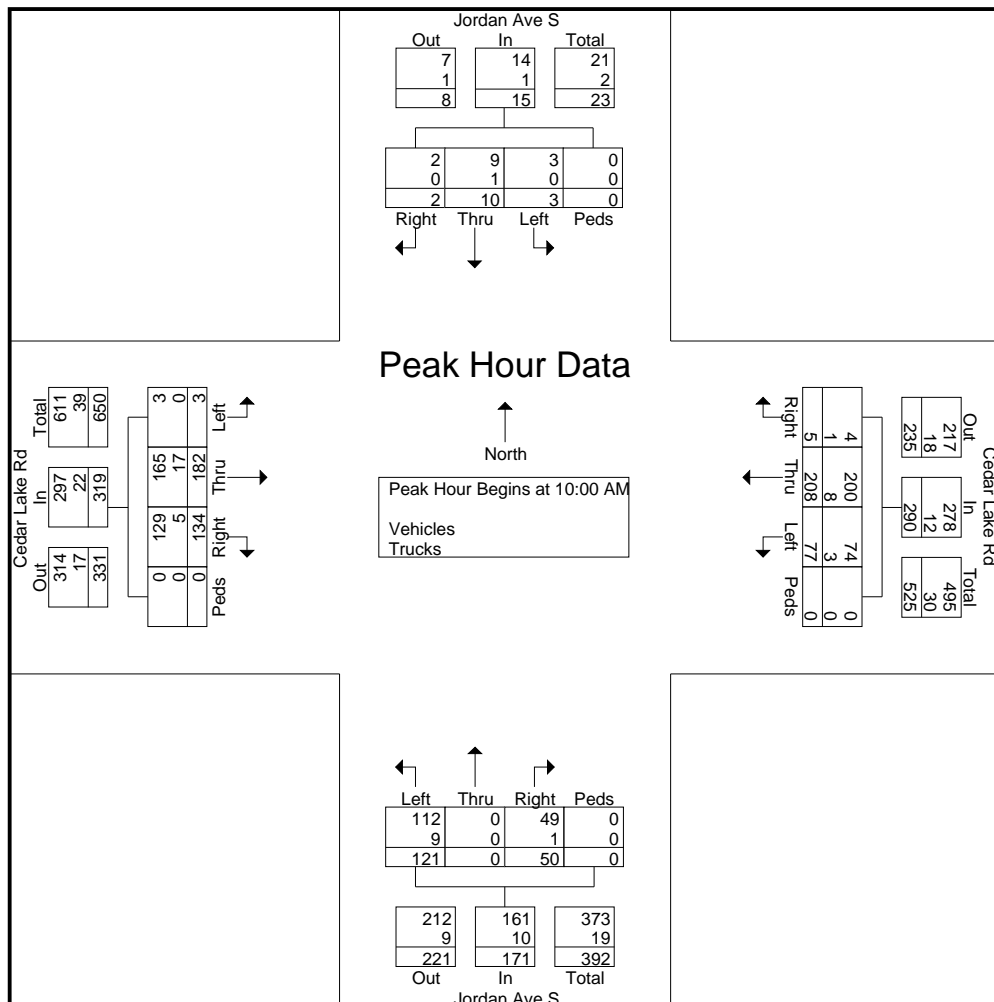
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Start Time	Jordan Ave S Southbound					Cedar Lake Rd Westbound					Jordan Ave S Northbound					Cedar Lake Rd Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 12:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 10:00 AM																					
10:00 AM	1	5	2	0	8	0	49	24	0	73	10	0	11	0	21	29	38	1	0	68	170
10:15 AM	1	1	0	0	2	0	69	14	0	83	9	0	57	0	66	39	57	1	0	97	248
10:30 AM	0	2	0	0	2	3	44	14	0	61	19	0	27	0	46	40	50	1	0	91	200
10:45 AM	0	2	1	0	3	2	46	25	0	73	12	0	26	0	38	26	37	0	0	63	177
Total Volume	2	10	3	0	15	5	208	77	0	290	50	0	121	0	171	134	182	3	0	319	795
% App. Total	13.3	66.7	20	0		1.7	71.7	26.6	0		29.2	0	70.8	0		42	57.1	0.9	0		
PHF	.500	.500	.375	.000	.469	.417	.754	.770	.000	.873	.658	.000	.531	.000	.648	.838	.798	.750	.000	.822	.801
Vehicles	2	9	3	0	14	4	200	74	0	278	49	0	112	0	161	129	165	3	0	297	750
% Vehicles	100	90.0	100	0	93.3	80.0	96.2	96.1	0	95.9	98.0	0	92.6	0	94.2	96.3	90.7	100	0	93.1	94.3
Trucks	0	1	0	0	1	1	8	3	0	12	1	0	9	0	10	5	17	0	0	22	45
% Trucks	0	10.0	0	0	6.7	20.0	3.8	3.9	0	4.1	2.0	0	7.4	0	5.8	3.7	9.3	0	0	6.9	5.7





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Start Time	Jordan Ave S Southbound					Cedar Lake Rd Westbound					Jordan Ave S Northbound					Cedar Lake Rd Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 12:15 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	0	2	0	2	2	95	41	0	138	23	1	30	0	54	63	59	1	1	124	318
04:45 PM	0	1	0	1	2	3	108	39	0	150	17	1	22	0	40	66	59	0	1	126	318
05:00 PM	0	2	2	0	4	1	78	50	0	129	15	0	40	0	55	62	49	0	0	111	299
05:15 PM	0	1	1	0	2	1	92	53	0	146	24	0	42	0	66	52	54	0	0	106	320
Total Volume	0	4	5	1	10	7	373	183	0	560	79	2	133	0	214	243	221	1	2	467	1255
% App. Total	0	40	50	10		1.2	66.3	32.5	0		36.7	0.9	62.3	0		52	47.3	0.2	0.4		
PHF	.000	.500	.625	.250	.625	.583	.863	.863	.000	.938	.823	.500	.798	.000	.814	.920	.936	.250	.500	.927	.980
Vehicles	0	4	5	1	10	7	371	182	0	560	79	2	133	0	214	242	218	1	2	463	1247
% Vehicles	0	100	100	100	100	100	99.5	99.5	0	99.5	100	100	99.3	0	99.5	99.6	98.6	100	100	99.1	99.4
Trucks	0	0	0	0	0	0	2	1	0	3	0	0	1	0	1	1	3	0	0	4	8
% Trucks	0	0	0	0	0	0	0.5	0.5	0	0.5	0	0	0.7	0	0.5	0.4	1.4	0	0	0.9	0.6

