



Spack Solutions

43 Main Street SE, Suite 136
Minneapolis, MN 55414

TH 169 at Cedar Lake Rd [East Ramp]

City: St. Louis Park

Data By: Spack Solutions

TURN MOVEMENT COUNT

File Name : 11_TH-169-at-Cedar-Lake-Rd

Site Code : 00000000

Start Date : 3/17/2021

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	Business Driveway Southbound				Cedar Lake Rd Westbound				Jordan Ave 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	0	0	0	0	11	4	0	10	0	9	0	14	6	0	0	54
06:15 AM	0	0	0	0	0	20	2	0	4	0	8	0	15	12	0	0	61
06:30 AM	0	0	0	0	0	21	8	0	4	0	15	0	21	12	0	0	81
06:45 AM	0	0	0	0	2	23	12	0	12	2	13	0	20	19	2	0	105
Total	0	0	0	0	2	75	26	0	30	2	45	0	70	49	2	0	301
07:00 AM	0	1	0	0	6	31	11	0	12	6	13	0	22	18	7	0	127
07:15 AM	25	4	12	0	44	40	3	0	19	16	16	0	31	19	9	0	238
07:30 AM	36	16	38	0	57	46	15	0	29	16	33	0	28	25	7	0	346
07:45 AM	6	7	10	0	1	48	6	0	37	0	34	0	38	30	1	0	218
Total	67	28	60	0	108	165	35	0	97	38	96	0	119	92	24	0	929
08:00 AM	0	0	0	0	0	46	12	0	16	0	23	0	31	36	0	0	164
08:15 AM	0	0	0	0	0	42	12	0	19	0	30	0	20	28	0	0	151
08:30 AM	1	0	0	0	0	42	7	0	16	1	33	0	28	23	0	0	151
08:45 AM	0	0	0	0	0	27	18	0	21	0	27	0	32	31	0	0	156
Total	1	0	0	0	0	157	49	0	72	1	113	0	111	118	0	0	622
09:00 AM	0	0	0	0	0	34	7	0	19	0	31	0	14	26	0	0	131
09:15 AM	0	0	0	0	0	38	8	0	17	0	32	0	17	16	0	0	128
09:30 AM	0	0	0	0	0	37	9	0	23	0	29	0	16	22	0	0	136
09:45 AM	0	0	0	0	0	30	5	0	15	0	37	0	10	34	0	0	131
Total	0	0	0	0	0	139	29	0	74	0	129	0	57	98	0	0	526
10:00 AM	0	0	0	0	0	40	4	0	19	0	37	0	21	19	0	0	140
10:15 AM	0	0	0	0	0	37	11	0	22	0	51	0	45	31	0	0	197
10:30 AM	0	1	0	0	0	27	9	0	17	0	33	0	28	38	0	0	153
10:45 AM	0	0	0	0	1	47	7	0	26	0	22	0	22	23	0	0	148
Total	0	1	0	0	1	151	31	0	84	0	143	0	116	111	0	0	638
11:00 AM	0	0	0	0	0	25	3	0	14	0	29	0	21	22	0	0	114
11:15 AM	0	0	0	0	0	45	11	0	15	0	36	0	21	28	1	0	157
11:30 AM	0	0	0	0	0	43	11	0	17	0	42	0	17	29	0	0	159
11:45 AM	0	0	0	0	0	41	7	0	19	1	46	0	16	15	0	0	145
Total	0	0	0	0	0	154	32	0	65	1	153	0	75	94	1	0	575
12:00 PM	0	1	0	0	0	49	8	0	16	0	44	0	20	24	0	0	162
12:15 PM	0	1	0	0	0	43	8	0	22	0	47	0	25	37	0	0	183
12:30 PM	0	0	0	0	0	51	4	0	23	0	41	0	22	34	0	0	175
12:45 PM	0	0	0	0	0	21	7	0	27	0	43	1	22	35	0	0	156
Total	0	2	0	0	0	164	27	0	88	0	175	1	89	130	0	0	676
01:00 PM	0	1	0	0	1	31	7	0	19	2	27	0	23	35	0	0	146
01:15 PM	0	0	0	0	2	40	5	0	18	4	27	0	17	27	0	0	140
01:30 PM	1	0	0	0	9	41	12	0	25	3	50	0	19	33	3	0	196
01:45 PM	0	0	0	0	12	38	7	0	20	6	47	0	25	25	0	0	180
Total	1	1	0	0	24	150	31	0	82	15	151	0	84	120	3	0	662
02:00 PM	1	0	1	1	0	34	13	0	19	0	50	0	28	32	0	0	179
02:15 PM	25	8	36	0	42	64	11	0	27	4	46	0	24	24	4	0	315



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Groups Printed- Vehicles - Trucks

Start Time	Business Driveway Southbound				Cedar Lake Rd Westbound				Jordan Ave 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	11	3	9	1	2	58	14	0	23	1	58	1	58	45	0	0	284
02:45 PM	1	0	0	0	0	37	9	0	20	0	56	0	46	31	0	0	200
Total	38	11	46	2	44	193	47	0	89	5	210	1	156	132	4	0	978
03:00 PM	1	0	1	0	0	52	11	0	30	1	54	0	28	30	0	0	208
03:15 PM	1	0	0	0	0	61	4	0	28	0	61	0	40	44	1	0	240
03:30 PM	2	0	0	0	0	61	13	0	37	0	49	0	26	43	0	0	231
03:45 PM	1	2	0	0	0	56	8	0	39	0	49	0	20	41	1	0	217
Total	5	2	1	0	0	230	36	0	134	1	213	0	114	158	2	0	896
04:00 PM	3	1	0	0	0	67	11	0	45	0	58	0	28	41	0	0	254
04:15 PM	0	1	0	0	0	66	8	0	39	0	78	0	21	51	0	0	264
04:30 PM	0	1	0	1	0	57	14	0	40	0	78	0	32	49	0	0	272
04:45 PM	2	0	0	0	0	74	12	0	49	0	63	0	30	45	0	0	275
Total	5	3	0	1	0	264	45	0	173	0	277	0	111	186	0	0	1065
05:00 PM	0	0	0	0	1	78	13	0	51	0	72	0	26	45	0	0	286
05:15 PM	1	0	0	0	0	65	8	0	32	0	64	0	25	56	0	0	251
05:30 PM	1	1	0	2	0	56	13	0	35	0	55	0	31	39	0	0	233
05:45 PM	1	1	0	1	1	52	7	0	39	1	48	0	36	38	1	0	226
Total	3	2	0	3	2	251	41	0	157	1	239	0	118	178	1	0	996
Grand Total	120	50	107	6	181	2093	429	0	1145	64	1944	2	1220	1466	37	0	8864
Apprch %	42.4	17.7	37.8	2.1	6.7	77.4	15.9	0	36.3	2	61.6	0.1	44.8	53.8	1.4	0	
Total %	1.4	0.6	1.2	0.1	2	23.6	4.8	0	12.9	0.7	21.9	0	13.8	16.5	0.4	0	
Vehicles	119	50	107	6	181	2050	418	0	1116	64	1922	2	1169	1437	37	0	8678
% Vehicles	99.2	100	100	100	100	97.9	97.4	0	97.5	100	98.9	100	95.8	98	100	0	97.9
Trucks	1	0	0	0	0	43	11	0	29	0	22	0	51	29	0	0	186
% Trucks	0.8	0	0	0	0	2.1	2.6	0	2.5	0	1.1	0	4.2	2	0	0	2.1



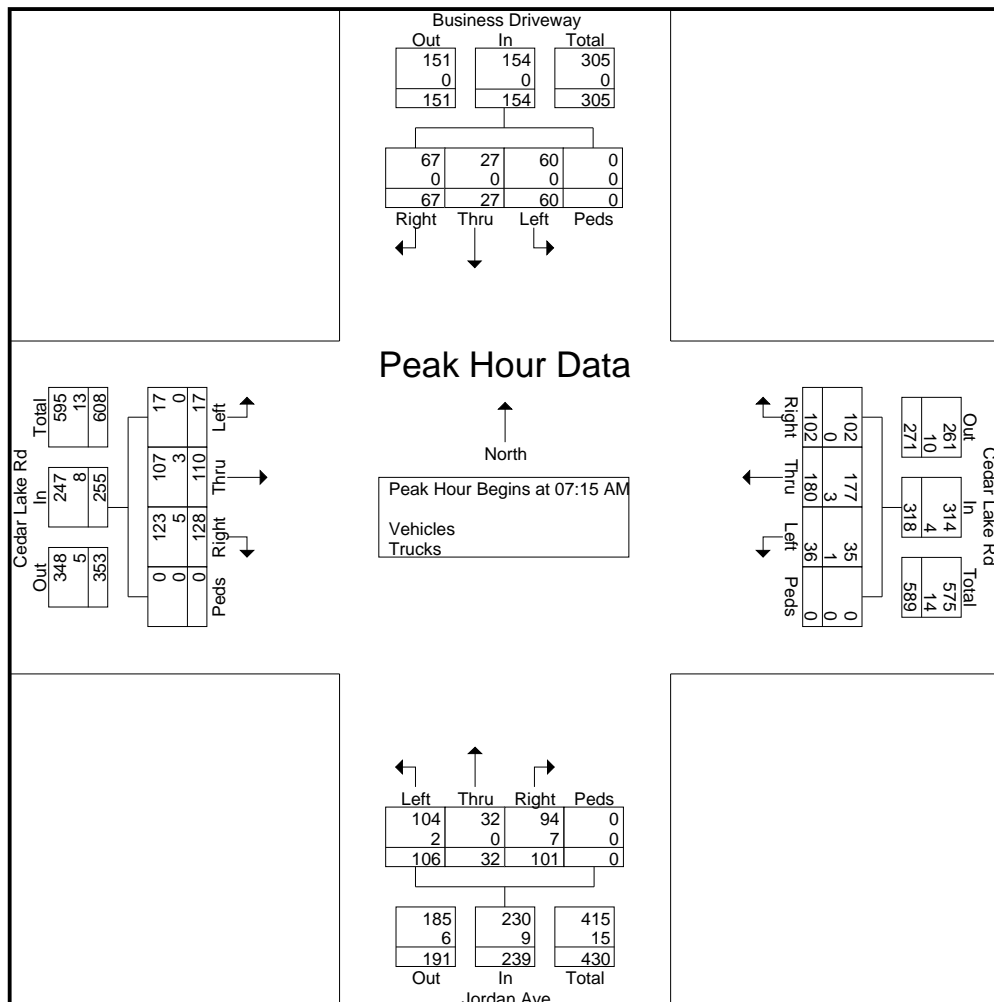
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Start Time	Business Driveway Southbound					Cedar Lake Rd Westbound					Jordan Ave Northbound					Cedar Lake Rd Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	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 07:15 AM																					
07:15 AM	25	4	12	0	41	44	40	3	0	87	19	16	16	0	51	31	19	9	0	59	238
07:30 AM	36	16	38	0	90	57	46	15	0	118	29	16	33	0	78	28	25	7	0	60	346
07:45 AM	6	7	10	0	23	1	48	6	0	55	37	0	34	0	71	38	30	1	0	69	218
08:00 AM	0	0	0	0	0	0	46	12	0	58	16	0	23	0	39	31	36	0	0	67	164
Total Volume	67	27	60	0	154	102	180	36	0	318	101	32	106	0	239	128	110	17	0	255	966
% App. Total	43.5	17.5	39	0		32.1	56.6	11.3	0		42.3	13.4	44.4	0		50.2	43.1	6.7	0		
PHF	.465	.422	.395	.000	.428	.447	.938	.600	.000	.674	.682	.500	.779	.000	.766	.842	.764	.472	.000	.924	.698
Vehicles	67	27	60	0	154	102	177	35	0	314	94	32	104	0	230	123	107	17	0	247	945
% Vehicles	100	100	100	0	100	100	98.3	97.2	0	98.7	93.1	100	98.1	0	96.2	96.1	97.3	100	0	96.9	97.8
Trucks	0	0	0	0	0	0	3	1	0	4	7	0	2	0	9	5	3	0	0	8	21
% Trucks	0	0	0	0	0	0	1.7	2.8	0	1.3	6.9	0	1.9	0	3.8	3.9	2.7	0	0	3.1	2.2





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Start Time	Business Driveway Southbound					Cedar Lake Rd Westbound					Jordan Ave 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 04:15 PM																					
04:15 PM	0	1	0	0	1	0	66	8	0	74	39	0	78	0	117	21	51	0	0	72	264
04:30 PM	0	1	0	1	2	0	57	14	0	71	40	0	78	0	118	32	49	0	0	81	272
04:45 PM	2	0	0	0	2	0	74	12	0	86	49	0	63	0	112	30	45	0	0	75	275
05:00 PM	0	0	0	0	0	1	78	13	0	92	51	0	72	0	123	26	45	0	0	71	286
Total Volume	2	2	0	1	5	1	275	47	0	323	179	0	291	0	470	109	190	0	0	299	1097
% App. Total	40	40	0	20		0.3	85.1	14.6	0		38.1	0	61.9	0		36.5	63.5	0	0		
PHF	.250	.500	.000	.250	.625	.250	.881	.839	.000	.878	.877	.000	.933	.000	.955	.852	.931	.000	.000	.923	.959
Vehicles	2	2	0	1	5	1	272	46	0	319	176	0	290	0	466	108	189	0	0	297	1087
% Vehicles	100	100	0	100	100	100	98.9	97.9	0	98.8	98.3	0	99.7	0	99.1	99.1	99.5	0	0	99.3	99.1
Trucks	0	0	0	0	0	0	3	1	0	4	3	0	1	0	4	1	1	0	0	2	10
% Trucks	0	0	0	0	0	0	1.1	2.1	0	1.2	1.7	0	0.3	0	0.9	0.9	0.5	0	0	0.7	0.9

