

Alliant Engineering, Inc.

733 Marquette Ave #700, Minneapolis, MN 55402

Prairie Center Dr & Prairie Lakes Dr
 Ref Pt:
 data by: Alliant Inc
 TURN MOVEMENT COUNT

File Name : 18_EP_Prairie Center Dr at Prairie Lakes Dr
 Site Code :
 Start Date : 12/9/2020
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Prairie Center Dr Southbound					Prairie Lakes Dr Westbound					Prairie Center Dr Northbound					N/A 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	
06:00 AM	0	19	2	0	21	4	0	1	0	5	0	17	0	0	17	0	0	0	0	0	43
06:15 AM	0	16	5	0	21	4	0	0	0	4	1	42	0	0	43	0	0	0	0	0	68
06:30 AM	0	23	6	0	29	9	0	3	0	12	4	45	0	0	49	0	0	0	0	0	90
06:45 AM	0	30	14	0	44	5	0	0	1	6	0	48	0	0	48	0	0	0	0	0	98
Total	0	88	27	0	115	22	0	4	1	27	5	152	0	0	157	0	0	0	0	0	299
07:00 AM	0	25	9	0	34	11	0	2	0	13	0	43	0	0	43	0	0	0	0	0	90
07:15 AM	0	37	5	0	42	17	0	0	0	17	7	62	0	0	69	0	0	0	0	0	128
07:30 AM	0	22	15	0	37	22	0	1	0	23	7	72	0	0	79	0	0	0	0	0	139
07:45 AM	0	45	12	0	57	14	0	2	1	17	6	85	0	0	91	0	0	0	0	0	165
Total	0	129	41	0	170	64	0	5	1	70	20	262	0	0	282	0	0	0	0	0	522
08:00 AM	0	53	8	0	61	9	0	4	0	13	3	60	0	0	63	0	0	0	0	0	137
08:15 AM	0	49	9	0	58	16	0	2	0	18	6	83	0	0	89	0	0	0	0	0	165
08:30 AM	0	45	10	0	55	9	0	0	0	9	3	58	0	0	61	0	0	0	0	0	125
08:45 AM	0	54	17	0	71	11	0	3	1	15	11	50	0	0	61	0	0	0	0	0	147
Total	0	201	44	0	245	45	0	9	1	55	23	251	0	0	274	0	0	0	0	0	574
09:00 AM	0	53	6	0	59	10	0	6	0	16	6	58	0	0	64	0	0	0	0	0	139
09:15 AM	0	56	5	0	61	11	0	2	1	14	4	57	0	0	61	0	0	0	0	0	136
*** BREAK ***																					
Total	0	109	11	0	120	21	0	8	1	30	10	115	0	0	125	0	0	0	0	0	275
*** BREAK ***																					
10:30 AM	0	79	11	0	90	17	0	5	0	22	5	75	0	1	81	0	0	0	0	0	193
10:45 AM	0	83	10	0	93	16	0	3	0	19	13	79	0	1	93	0	0	0	0	0	205
Total	0	162	21	0	183	33	0	8	0	41	18	154	0	2	174	0	0	0	0	0	398
11:00 AM	0	88	17	0	105	25	0	5	0	30	3	70	0	0	73	0	0	0	0	0	208
11:15 AM	0	105	19	0	124	21	0	8	0	29	8	78	0	0	86	0	0	0	0	0	239
11:30 AM	0	89	12	0	101	10	0	10	0	20	6	93	0	0	99	0	0	0	0	0	220
11:45 AM	0	119	19	0	138	18	0	5	0	23	8	106	0	0	114	0	0	0	0	0	275
Total	0	401	67	0	468	74	0	28	0	102	25	347	0	0	372	0	0	0	0	0	942
12:00 PM	0	133	14	0	147	21	0	11	0	32	6	106	0	0	112	0	0	0	0	0	291
12:15 PM	0	124	15	0	139	13	0	7	0	20	9	112	0	0	121	0	0	0	0	0	280
12:30 PM	0	118	19	0	137	17	0	13	0	30	12	122	0	0	134	0	0	0	0	0	301
12:45 PM	0	109	12	0	121	24	0	5	1	30	9	131	0	0	140	0	0	0	0	0	291
Total	0	484	60	0	544	75	0	36	1	112	36	471	0	0	507	0	0	0	0	0	1163
01:00 PM	0	114	13	0	127	19	0	2	1	22	6	112	0	0	118	0	0	0	0	0	267
01:15 PM	0	99	15	0	114	12	0	6	0	18	11	104	0	0	115	0	0	0	1	1	248
*** BREAK ***																					
Total	0	213	28	0	241	31	0	8	1	40	17	216	0	0	233	0	0	0	1	1	515
*** BREAK ***																					
02:30 PM	0	79	11	0	90	20	0	10	1	31	5	77	0	0	82	0	0	0	0	0	203
02:45 PM	0	95	19	0	114	15	0	11	0	26	6	99	0	0	105	0	0	0	0	0	245
Total	0	174	30	0	204	35	0	21	1	57	11	176	0	0	187	0	0	0	0	0	448
03:00 PM	0	117	15	0	132	15	0	8	2	25	5	107	0	0	112	0	0	0	0	0	269
03:15 PM	0	128	22	1	151	26	0	4	0	30	11	87	0	0	98	0	0	0	0	0	279
03:30 PM	0	116	12	0	128	16	0	8	3	27	12	90	0	0	102	0	0	0	1	1	258
03:45 PM	0	129	24	2	155	15	0	7	1	23	11	73	0	0	84	0	0	0	0	0	262
Total	0	490	73	3	566	72	0	27	6	105	39	357	0	0	396	0	0	0	1	1	1068
04:00 PM	0	133	19	0	152	28	0	10	2	40	9	90	0	0	99	0	0	0	0	0	291

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Start Date : 12/9/2020

TURN MOVEMENT COUNT

Page No : 2

Groups Printed- Cars - Trucks

Start Time	Prairie Center Dr Southbound					Prairie Lakes Dr Westbound					Prairie Center Dr Northbound					N/A 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	
04:15 PM	0	133	23	0	156	26	0	10	1	37	4	87	0	0	91	0	0	0	0	0	284
04:30 PM	0	143	16	1	160	22	0	8	3	33	9	106	0	0	115	0	0	0	0	0	308
04:45 PM	0	152	30	0	182	13	0	5	1	19	7	88	0	0	95	0	0	0	0	0	296
Total	0	561	88	1	650	89	0	33	7	129	29	371	0	0	400	0	0	0	0	0	1179
05:00 PM	0	134	22	0	156	23	0	15	0	38	7	105	0	0	112	0	0	0	0	0	306
05:15 PM	0	127	28	0	155	20	0	13	0	33	8	92	0	0	100	0	0	0	0	0	288
05:30 PM	0	128	20	0	148	22	0	6	0	28	6	85	0	0	91	0	0	0	0	0	267
05:45 PM	0	112	21	0	133	19	0	6	0	25	11	68	0	0	79	0	0	0	0	0	237
Total	0	501	91	0	592	84	0	40	0	124	32	350	0	0	382	0	0	0	0	0	1098
Grand Total	0	3513	581	4	4098	645	0	227	20	892	265	3222	0	2	3489	0	0	0	2	2	8481
Apprch %	0	85.7	14.2	0.1		72.3	0	25.4	2.2		7.6	92.3	0	0.1		0	0	0	100		
Total %	0	41.4	6.9	0	48.3	7.6	0	2.7	0.2	10.5	3.1	38	0	0	41.1	0	0	0	0	0	
Cars	0	3474	574	4	4052	637	0	225	18	880	260	3161	0	2	3423	0	0	0	2	2	8357
% Cars	0	98.9	98.8	100	98.9	98.8	0	99.1	90	98.7	98.1	98.1	0	100	98.1	0	0	0	100	100	98.5
Trucks	0	39	7	0	46	8	0	2	2	12	5	61	0	0	66	0	0	0	0	0	124
% Trucks	0	1.1	1.2	0	1.1	1.2	0	0.9	10	1.3	1.9	1.9	0	0	1.9	0	0	0	0	0	1.5

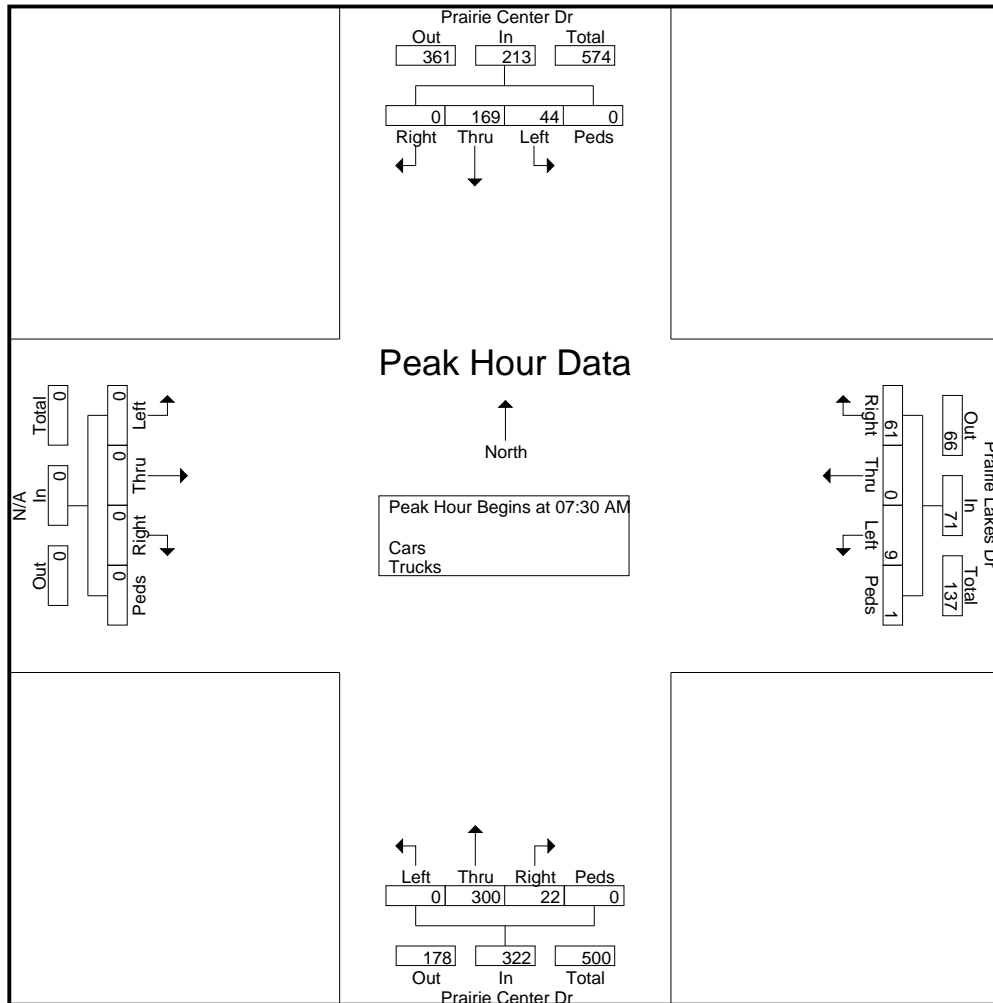
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Start Time	Prairie Center Dr Southbound					Prairie Lakes Dr Westbound					Prairie Center Dr Northbound					N/A Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	22	15	0	37	22	0	1	0	23	7	72	0	0	79	0	0	0	0	0	139
07:45 AM	0	45	12	0	57	14	0	2	1	17	6	85	0	0	91	0	0	0	0	0	165
08:00 AM	0	53	8	0	61	9	0	4	0	13	3	60	0	0	63	0	0	0	0	0	137
08:15 AM	0	49	9	0	58	16	0	2	0	18	6	83	0	0	89	0	0	0	0	0	165
Total Volume	0	169	44	0	213	61	0	9	1	71	22	300	0	0	322	0	0	0	0	0	606
% App. Total	0	79.3	20.7	0		85.9	0	12.7	1.4		6.8	93.2	0	0		0	0	0	0		
PHF	.000	.797	.733	.000	.873	.693	.000	.563	.250	.772	.786	.882	.000	.000	.885	.000	.000	.000	.000	.000	.918



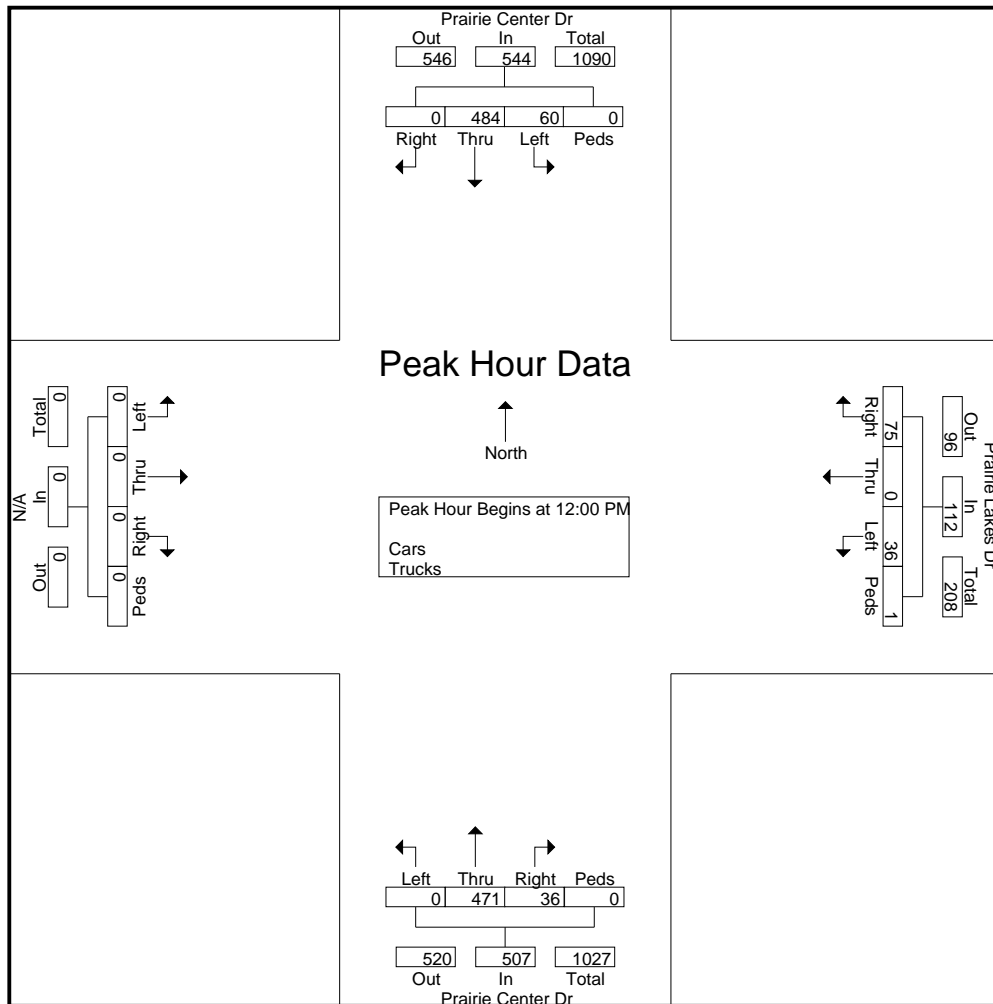
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Start Time	Prairie Center Dr Southbound					Prairie Lakes Dr Westbound					Prairie Center Dr Northbound					N/A Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	0	133	14	0	147	21	0	11	0	32	6	106	0	0	112	0	0	0	0	0	291
12:15 PM	0	124	15	0	139	13	0	7	0	20	9	112	0	0	121	0	0	0	0	0	280
12:30 PM	0	118	19	0	137	17	0	13	0	30	12	122	0	0	134	0	0	0	0	0	301
12:45 PM	0	109	12	0	121	24	0	5	1	30	9	131	0	0	140	0	0	0	0	0	291
Total Volume	0	484	60	0	544	75	0	36	1	112	36	471	0	0	507	0	0	0	0	0	1163
% App. Total	0	89	11	0		67	0	32.1	0.9		7.1	92.9	0	0		0	0	0	0		
PHF	.000	.910	.789	.000	.925	.781	.000	.692	.250	.875	.750	.899	.000	.000	.905	.000	.000	.000	.000	.000	.966



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Start Time	Prairie Center Dr Southbound					Prairie Lakes Dr Westbound					Prairie Center Dr Northbound					N/A 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 02:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	143	16	1	160	22	0	8	3	33	9	106	0	0	115	0	0	0	0	0	308
04:45 PM	0	152	30	0	182	13	0	5	1	19	7	88	0	0	95	0	0	0	0	0	296
05:00 PM	0	134	22	0	156	23	0	15	0	38	7	105	0	0	112	0	0	0	0	0	306
05:15 PM	0	127	28	0	155	20	0	13	0	33	8	92	0	0	100	0	0	0	0	0	288
Total Volume	0	556	96	1	653	78	0	41	4	123	31	391	0	0	422	0	0	0	0	0	1198
% App. Total	0	85.1	14.7	0.2		63.4	0	33.3	3.3		7.3	92.7	0	0		0	0	0	0		
PHF	.000	.914	.800	.250	.897	.848	.000	.683	.333	.809	.861	.922	.000	.000	.917	.000	.000	.000	.000	.000	.972

