

Alliant Engineering Inc Minneapolis, MN 55415

Prairie Center Dr at Prairie Lakes Dr
Eden Prairie
data by: Alliant Engineering
TURN MOVEMENT COUNT

File Name : 18_Prairie Center Drive at Prairie Lakes Drive
Site Code : 00000018
Start Date : 10/15/2009
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Prairie Center Drive Southbound				Prairie Lakes Drive Westbound				Prairie Center Drive Northbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:30	21	43	0	0	2	0	22	1	0	127	12	0	228
06:45	36	31	0	0	3	0	24	0	0	136	21	0	251
Total	57	74	0	0	5	0	46	1	0	263	33	0	479
07:00	36	42	0	1	2	0	17	0	0	184	11	0	293
07:15	29	42	0	1	7	0	30	0	0	230	15	0	354
07:30	40	33	0	0	6	0	32	0	0	265	28	0	404
07:45	51	46	0	1	14	0	42	0	0	253	27	0	434
Total	156	163	0	3	29	0	121	0	0	932	81	0	1485
08:00	44	42	0	0	9	0	29	0	0	231	29	0	384
08:15	42	60	0	1	5	0	29	0	0	197	21	0	355
08:30	31	47	0	0	8	0	20	0	0	150	15	0	271
08:45	31	56	0	0	1	0	20	0	0	144	21	0	273
Total	148	205	0	1	23	0	98	0	0	722	86	0	1283
09:00	17	57	0	0	5	0	26	0	1	119	16	0	241
09:15	22	60	0	0	1	0	15	0	0	115	13	0	226
*** BREAK ***													
Total	39	117	0	0	6	0	41	0	1	234	29	0	467
*** BREAK ***													
10:30	16	89	0	0	11	0	37	0	0	106	9	0	268
10:45	16	113	0	0	6	0	20	0	0	93	11	0	259
Total	32	202	0	0	17	0	57	0	0	199	20	0	527
11:00	20	128	0	0	16	0	26	0	0	109	12	0	311
11:15	22	146	0	0	13	0	28	0	0	100	15	0	324
11:30	26	201	0	0	24	0	29	0	0	130	13	0	423
11:45	32	220	0	0	18	0	28	0	0	147	15	0	460
Total	100	695	0	0	71	0	111	0	0	486	55	0	1518
12:00	34	192	1	0	33	0	33	0	0	137	14	1	445
12:15	35	176	0	0	24	0	24	0	0	189	27	0	475
12:30	37	167	0	2	7	0	30	1	0	205	21	0	470
12:45	36	154	0	1	19	0	37	0	0	193	16	0	456
Total	142	689	1	3	83	0	124	1	0	724	78	1	1846
13:00	32	165	0	0	12	0	31	1	0	196	22	0	459
13:15	34	139	0	0	10	0	29	0	0	155	16	0	383
*** BREAK ***													
Total	66	304	0	0	22	0	60	1	0	351	38	0	842
*** BREAK ***													
14:30	28	103	0	0	11	0	29	0	0	89	9	1	270
14:45	20	111	0	0	5	0	28	0	0	103	15	0	282
Total	48	214	0	0	16	0	57	0	0	192	24	1	552
15:00	19	99	0	0	11	0	30	0	0	97	8	0	264
15:15	22	129	0	0	25	0	34	0	0	107	8	1	326
15:30	25	154	0	0	15	0	42	0	0	91	9	0	336
15:45	21	131	0	0	17	0	27	0	0	86	12	0	294
Total	87	513	0	0	68	0	133	0	0	381	37	1	1220
16:00	40	170	0	0	38	0	59	0	0	91	5	0	403
16:15	28	185	0	0	17	0	51	0	0	99	14	0	394
16:30	33	218	0	0	22	0	63	0	0	92	12	0	440
16:45	34	253	0	0	38	0	42	0	0	95	9	0	471
Total	135	826	0	0	115	0	215	0	0	377	40	0	1708

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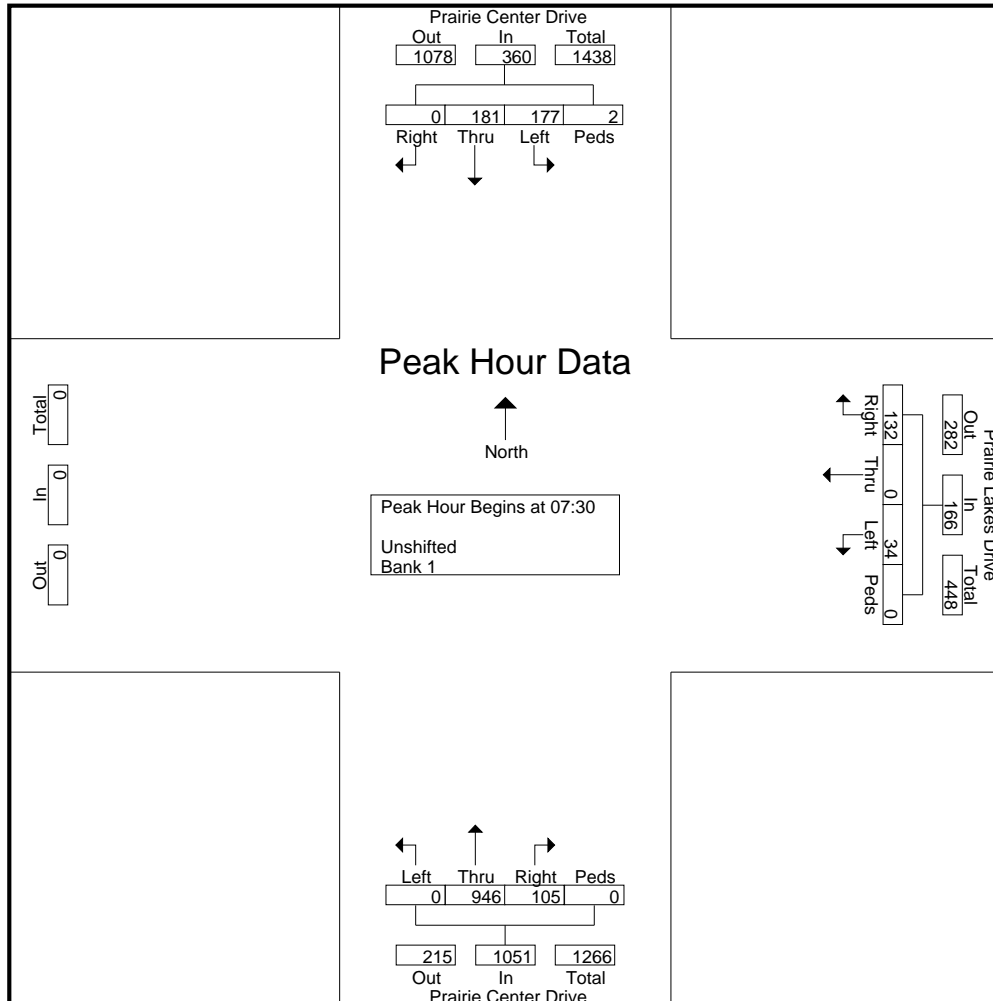
Start Time	Prairie Center Drive Southbound				Prairie Lakes Drive Westbound				Prairie Center Drive Northbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
17:00	25	261	0	0	41	0	72	0	0	89	16	0	504
17:15	38	225	0	0	25	0	49	0	0	103	11	0	451
17:30	60	201	0	0	27	0	40	0	0	76	15	0	419
17:45	40	233	0	0	32	0	40	0	0	81	11	0	437
Total	163	920	0	0	125	0	201	0	0	349	53	0	1811
18:00	49	196	0	0	25	0	39	0	0	90	8	0	407
18:15	34	149	0	0	13	0	32	0	0	72	11	0	311
18:30	19	131	0	0	15	0	25	0	0	64	8	0	262
18:45	34	133	0	0	14	0	34	0	0	61	14	0	290
Total	136	609	0	0	67	0	130	0	0	287	41	0	1270
Grand Total	1309	5531	1	7	647	0	1394	3	1	5497	615	3	15008
Apprch %	19.1	80.8	0	0.1	31.7	0	68.2	0.1	0	89.9	10.1	0	
Total %	8.7	36.9	0	0	4.3	0	9.3	0	0	36.6	4.1	0	
Unshifted	1298	5486	1	7	637	0	1382	3	1	5434	613	3	14865
% Unshifted	99.2	99.2	100	100	98.5	0	99.1	100	100	98.9	99.7	100	99
Bank 1	11	45	0	0	10	0	12	0	0	63	2	0	143
% Bank 1	0.8	0.8	0	0	1.5	0	0.9	0	0	1.1	0.3	0	1

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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:30 to 09:15 - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:30																
07:30	40	33	0	0	73	6	0	32	0	38	0	265	28	0	293	404
07:45	51	46	0	1	98	14	0	42	0	56	0	253	27	0	280	434
08:00	44	42	0	0	86	9	0	29	0	38	0	231	29	0	260	384
08:15	42	60	0	1	103	5	0	29	0	34	0	197	21	0	218	355
Total Volume	177	181	0	2	360	34	0	132	0	166	0	946	105	0	1051	1577
% App. Total	49.2	50.3	0	0.6		20.5	0	79.5	0		0	90	10	0		
PHF	.868	.754	.000	.500	.874	.607	.000	.786	.000	.741	.000	.892	.905	.000	.897	.908



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Start Time	Prairie Center Drive Southbound					Prairie Lakes Drive Westbound					Prairie Center Drive Northbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 14:30 to 18:45 - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 16:30																
16:30	33	218	0	0	251	22	0	63	0	85	0	92	12	0	104	440
16:45	34	253	0	0	287	38	0	42	0	80	0	95	9	0	104	471
17:00	25	261	0	0	286	41	0	72	0	113	0	89	16	0	105	504
17:15	38	225	0	0	263	25	0	49	0	74	0	103	11	0	114	451
Total Volume	130	957	0	0	1087	126	0	226	0	352	0	379	48	0	427	1866
% App. Total	12	88	0	0		35.8	0	64.2	0		0	88.8	11.2	0		
PHF	.855	.917	.000	.000	.947	.768	.000	.785	.000	.779	.000	.920	.750	.000	.936	.926

