

Alliant Engineering Inc Minneapolis, MN 55415

Prairie Center Dr at Technology Dr-S jct File Name : 22_Prairie Center Drive at Technology Drive South JCT
 Eden Prairie Site Code : 0000022
 data by: Alliant Engineering Start Date : 10/22/2009
 TURN MOVEMENT COUNT Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Prairie Center Drive Southbound				commercial entrance Westbound				Prairie Center Drive Northbound				Technology Drive (South Jct) Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:30	0	59	65	0	0	0	0	0	28	40	8	0	15	3	7	0	225
06:45	3	105	80	0	0	0	0	0	35	66	2	0	21	3	9	0	324
Total	3	164	145	0	0	0	0	0	63	106	10	0	36	6	16	0	549
07:00	1	86	109	0	0	1	0	0	66	75	8	1	31	2	15	0	395
07:15	15	113	110	2	1	0	1	0	52	93	13	1	14	3	21	0	439
07:30	14	118	98	0	0	0	2	0	45	169	14	0	54	4	19	0	537
07:45	19	184	118	0	1	0	2	0	36	123	8	0	46	7	35	0	579
Total	49	501	435	2	2	1	5	0	199	460	43	2	145	16	90	0	1950
08:00	15	151	69	0	3	0	3	0	58	126	15	0	26	4	27	0	497
08:15	18	181	61	0	4	0	1	0	33	104	16	0	24	2	16	0	460
08:30	13	168	68	2	3	2	7	0	42	117	8	0	27	8	18	0	483
08:45	12	210	65	0	2	1	8	0	40	115	15	0	22	4	27	0	521
Total	58	710	263	2	12	3	19	0	173	462	54	0	99	18	88	0	1961
09:00	11	168	40	0	3	1	3	0	29	118	4	0	31	2	35	0	445
09:15	11	179	33	0	4	0	6	0	27	128	3	0	27	3	27	0	448
*** BREAK ***																	
Total	22	347	73	0	7	1	9	0	56	246	7	0	58	5	62	0	893
*** BREAK ***																	
10:30	12	184	25	0	10	1	15	0	23	164	5	0	28	4	15	0	486
10:45	12	237	30	0	6	1	9	0	22	160	3	0	28	1	17	0	526
Total	24	421	55	0	16	2	24	0	45	324	8	0	56	5	32	0	1012
11:00	15	227	33	0	7	1	10	0	34	170	2	0	28	2	42	0	571
11:15	13	239	58	0	18	2	12	3	41	176	5	0	32	1	55	0	655
11:30	8	296	64	0	15	4	14	0	72	216	11	0	47	17	71	0	835
11:45	7	314	103	0	12	1	9	0	60	217	8	0	53	2	70	0	856
Total	43	1076	258	0	52	8	45	3	207	779	26	0	160	22	238	0	2917
12:00	4	297	98	0	6	1	12	0	67	272	11	0	49	1	64	0	882
12:15	1	266	66	0	9	0	15	0	56	248	5	0	60	12	65	0	803
12:30	9	192	97	14	10	3	8	3	85	304	15	0	66	27	48	2	883
12:45	17	287	37	0	11	3	6	8	57	286	16	0	86	6	51	0	871
Total	31	1042	298	14	36	7	41	11	265	1110	47	0	261	46	228	2	3439
13:00	13	237	39	0	7	1	9	0	58	275	16	1	58	4	50	1	769
13:15	15	269	39	0	7	4	5	2	45	270	12	1	53	5	35	0	762
*** BREAK ***																	
Total	28	506	78	0	14	5	14	2	103	545	28	2	111	9	85	1	1531
*** BREAK ***																	
14:30	7	209	28	0	6	2	10	1	24	256	2	0	53	4	35	0	637
14:45	13	267	31	0	4	0	4	0	28	251	4	2	28	3	36	0	671
Total	20	476	59	0	10	2	14	1	52	507	6	2	81	7	71	0	1308
15:00	11	272	23	0	17	2	16	1	32	255	3	0	54	4	33	0	723
15:15	15	271	38	0	6	2	5	0	29	265	2	1	28	0	35	0	697
15:30	8	226	33	0	10	4	17	0	28	243	6	0	36	0	43	0	654
15:45	8	246	35	0	13	1	9	1	38	261	2	0	53	2	45	1	715
Total	42	1015	129	0	46	9	47	2	127	1024	13	1	171	6	156	1	2789
16:00	5	270	43	0	25	1	24	1	27	281	2	0	58	7	75	0	819
16:15	6	290	43	0	16	1	15	0	23	249	2	0	81	1	72	0	799
16:30	3	322	42	0	25	4	18	0	37	270	1	0	69	3	52	0	846
16:45	7	321	61	0	21	1	24	0	27	281	3	0	73	2	80	0	901
Total	21	1203	189	0	87	7	81	1	114	1081	8	0	281	13	279	0	3365

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 TURN MOVEMENT COUNT Page No : 2

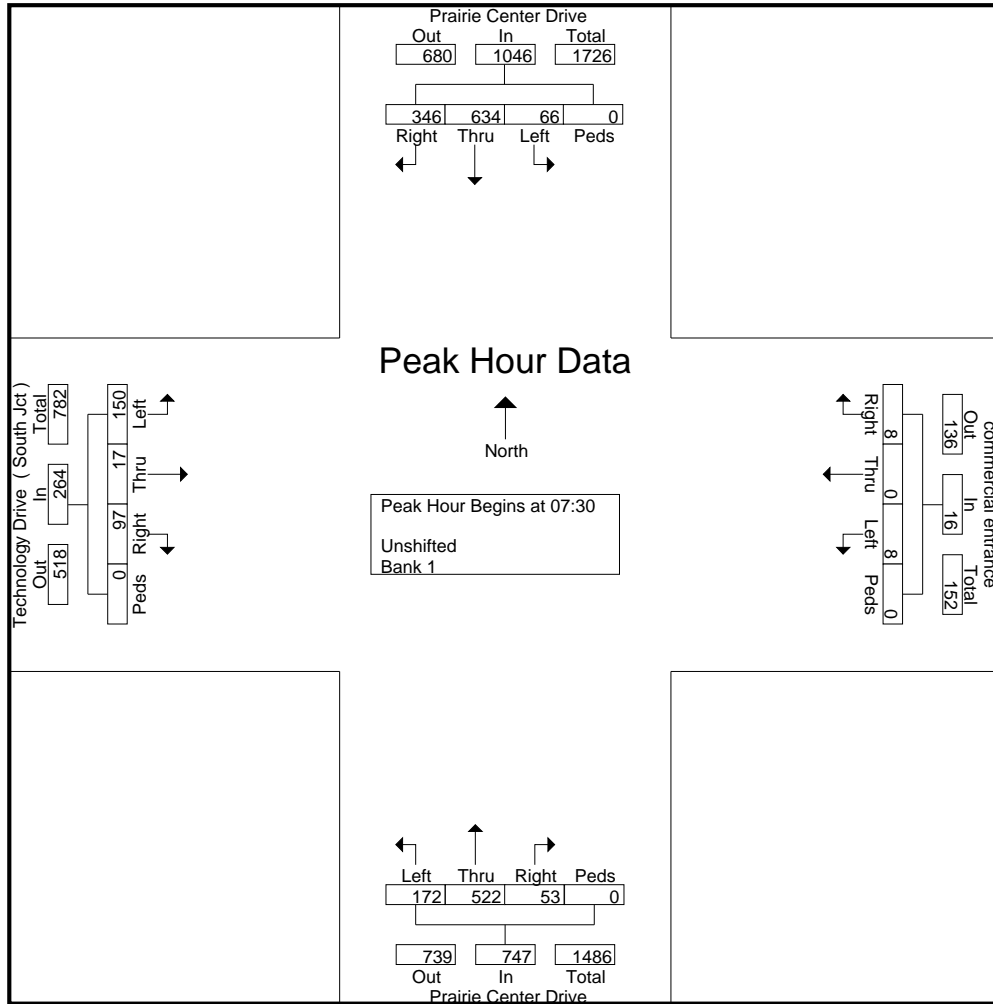
Groups Printed- Unshifted - Bank 1

Start Time	Prairie Center Drive Southbound				commercial entrance Westbound				Prairie Center Drive Northbound				Technology Drive (South Jct) Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
17:00	5	339	63	0	24	4	31	0	48	332	4	0	100	1	80	0	1031
17:15	7	327	82	0	27	3	19	0	40	318	3	0	79	0	66	0	971
17:30	2	379	62	0	13	7	23	0	56	323	4	0	67	4	73	0	1013
17:45	3	302	64	0	11	1	6	0	50	293	4	0	62	6	69	6	877
Total	17	1347	271	0	75	15	79	0	194	1266	15	0	308	11	288	6	3892
18:00	2	309	56	0	4	2	9	0	45	300	2	0	70	0	74	0	873
18:15	1	309	75	0	2	1	4	1	61	304	0	0	60	2	47	0	867
18:30	0	261	46	0	3	1	1	0	41	272	2	0	54	5	52	0	738
18:45	3	240	34	0	1	0	2	0	35	312	1	0	42	0	43	0	713
Total	6	1119	211	0	10	4	16	1	182	1188	5	0	226	7	216	0	3191
Grand Total	364	9927	2464	18	367	64	394	21	1780	9098	270	7	1993	171	1849	10	28797
Apprch %	2.8	77.7	19.3	0.1	43.4	7.6	46.6	2.5	16	81.6	2.4	0.1	49.5	4.3	46	0.2	
Total %	1.3	34.5	8.6	0.1	1.3	0.2	1.4	0.1	6.2	31.6	0.9	0	6.9	0.6	6.4	0	
Unshifted	359	9817	2399	18	363	63	390	21	1746	9014	269	7	1972	169	1805	10	28422
% Unshifted	98.6	98.9	97.4	100	98.9	98.4	99	100	98.1	99.1	99.6	100	98.9	98.8	97.6	100	98.7
Bank 1	5	110	65	0	4	1	4	0	34	84	1	0	21	2	44	0	375
% Bank 1	1.4	1.1	2.6	0	1.1	1.6	1	0	1.9	0.9	0.4	0	1.1	1.2	2.4	0	1.3

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 TURN MOVEMENT COUNT Page No : 3

Start Time	Prairie Center Drive Southbound					commercial entrance Westbound					Prairie Center Drive Northbound					Technology Drive (South Jct) Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	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	14	118	98	0	230	0	0	2	0	2	45	169	14	0	228	54	4	19	0	77	537
07:45	19	184	118	0	321	1	0	2	0	3	36	123	8	0	167	46	7	35	0	88	579
08:00	15	151	69	0	235	3	0	3	0	6	58	126	15	0	199	26	4	27	0	57	497
08:15	18	181	61	0	260	4	0	1	0	5	33	104	16	0	153	24	2	16	0	42	460
Total Volume	66	634	346	0	1046	8	0	8	0	16	172	522	53	0	747	150	17	97	0	264	2073
% App. Total	6.3	60.6	33.1	0		50	0	50	0		23	69.9	7.1	0		56.8	6.4	36.7	0		
PHF	.868	.861	.733	.000	.815	.500	.000	.667	.000	.667	.741	.772	.828	.000	.819	.694	.607	.693	.000	.750	.895



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Start Time	Prairie Center Drive Southbound					commercial entrance Westbound					Prairie Center Drive Northbound					Technology Drive (South Jct) Eastbound					Int. Total
	Left	Thru	Right	Peds	App. 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 16:45																					
16:45	7	321	61	0	389	21	1	24	0	46	27	281	3	0	311	73	2	80	0	155	901
17:00	5	339	63	0	407	24	4	31	0	59	48	332	4	0	384	100	1	80	0	181	1031
17:15	7	327	82	0	416	27	3	19	0	49	40	318	3	0	361	79	0	66	0	145	971
17:30	2	379	62	0	443	13	7	23	0	43	56	323	4	0	383	67	4	73	0	144	1013
Total Volume	21	1366	268	0	1655	85	15	97	0	197	171	1254	14	0	1439	319	7	299	0	625	3916
% App. Total	1.3	82.5	16.2	0		43.1	7.6	49.2	0		11.9	87.1	1	0		51	1.1	47.8	0		
PHF	.750	.901	.817	.000	.934	.787	.536	.782	.000	.835	.763	.944	.875	.000	.937	.798	.438	.934	.000	.863	.950

