

Alliant Engineering Inc Minneapolis, MN 55415

Flying Cloud Drive at Singletree Lane
Eden Prairie
data by: Alliant Engineering
TURN MOVEMENT COUNT

File Name : 08_Flying Cloud Drive at Singletree Lane
Site Code : 00000008
Start Date : 10/7/2009
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Flying Cloud Drive (TH 212) Southbound				Singletree Lane / Mall entrance Westbound				Flying Cloud Drive (TH 212) Northbound				Singletree Lane Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:30	2	90	7	0	1	1	2	1	1	133	1	0	11	2	1	0	253
06:45	5	110	14	0	2	0	6	0	2	205	1	0	12	2	7	0	366
Total	7	200	21	0	3	1	8	1	3	338	2	0	23	4	8	0	619
07:00	2	96	22	0	2	3	7	0	2	233	2	0	13	1	8	0	391
07:15	5	158	24	0	3	4	5	1	4	344	7	0	27	6	4	0	592
07:30	7	150	18	0	1	4	6	0	6	361	3	0	29	8	5	0	598
07:45	5	148	21	0	3	7	6	0	9	357	5	0	29	15	6	0	611
Total	19	552	85	0	9	18	24	1	21	1295	17	0	98	30	23	0	2192
08:00	1	147	23	0	0	11	11	0	11	307	6	0	17	12	7	0	553
08:15	10	139	36	1	2	4	6	0	8	234	4	0	29	13	12	1	499
08:30	15	160	31	0	2	11	10	0	10	208	7	0	26	14	5	0	499
08:45	8	123	30	0	3	6	8	0	8	215	6	0	18	18	5	0	448
Total	34	569	120	1	7	32	35	0	37	964	23	0	90	57	29	1	1999
09:00	11	104	37	0	1	17	7	0	12	175	4	0	15	19	7	0	409
09:15	12	128	35	0	5	14	8	0	11	140	13	0	14	20	11	1	412
*** BREAK ***																	
Total	23	232	72	0	6	31	15	0	23	315	17	0	29	39	18	1	821
*** BREAK ***																	
10:30	17	114	25	0	6	18	4	0	18	150	10	1	25	31	8	0	427
10:45	32	115	27	0	8	27	13	0	12	130	15	0	35	40	13	0	467
Total	49	229	52	0	14	45	17	0	30	280	25	1	60	71	21	0	894
11:00	34	148	40	0	12	22	15	2	18	166	21	1	43	37	21	0	580
11:15	26	141	45	0	16	27	16	0	15	201	13	0	44	42	18	1	605
11:30	52	202	56	0	12	35	31	0	24	194	15	1	42	49	19	1	733
11:45	31	226	64	0	20	44	30	0	19	228	18	0	48	61	20	0	809
Total	143	717	205	0	60	128	92	2	76	789	67	2	177	189	78	2	2727
12:00	45	209	47	0	21	40	23	0	34	206	15	1	59	65	26	0	791
12:15	34	206	50	0	15	40	34	0	20	227	16	0	53	53	32	0	780
12:30	40	204	44	0	21	47	39	0	15	264	8	0	68	71	23	0	844
12:45	29	189	42	0	15	42	31	0	24	243	8	0	57	40	27	0	747
Total	148	808	183	0	72	169	127	0	93	940	47	1	237	229	108	0	3162
13:00	25	175	51	0	17	41	28	0	14	230	16	0	55	53	29	0	734
13:15	21	145	27	0	12	25	28	0	19	240	10	0	54	51	18	0	650
*** BREAK ***																	
Total	46	320	78	0	29	66	56	0	33	470	26	0	109	104	47	0	1384
*** BREAK ***																	
14:30	18	129	33	0	15	34	13	0	17	162	15	0	36	42	15	1	530
14:45	15	153	33	0	21	34	15	1	16	186	15	0	31	35	26	0	581
Total	33	282	66	0	36	68	28	1	33	348	30	0	67	77	41	1	1111
15:00	21	156	32	0	19	51	23	1	20	205	5	0	42	31	15	0	621
15:15	23	148	39	1	11	28	20	1	26	171	8	0	35	32	14	1	558
15:30	24	176	48	0	14	38	16	0	10	168	6	0	31	37	22	0	590
15:45	31	199	47	0	10	40	18	0	18	137	12	0	32	33	17	1	595
Total	99	679	166	1	54	157	77	2	74	681	31	0	140	133	68	2	2364
16:00	24	227	41	0	14	40	21	1	14	155	12	0	46	51	17	0	663
16:15	21	208	45	0	16	32	22	0	16	135	8	0	32	46	19	0	600
16:30	35	253	61	0	21	27	9	0	20	185	7	0	42	47	27	0	734
16:45	24	282	79	1	22	41	15	0	15	172	10	0	36	43	28	0	768
Total	104	970	226	1	73	140	67	1	65	647	37	0	156	187	91	0	2765

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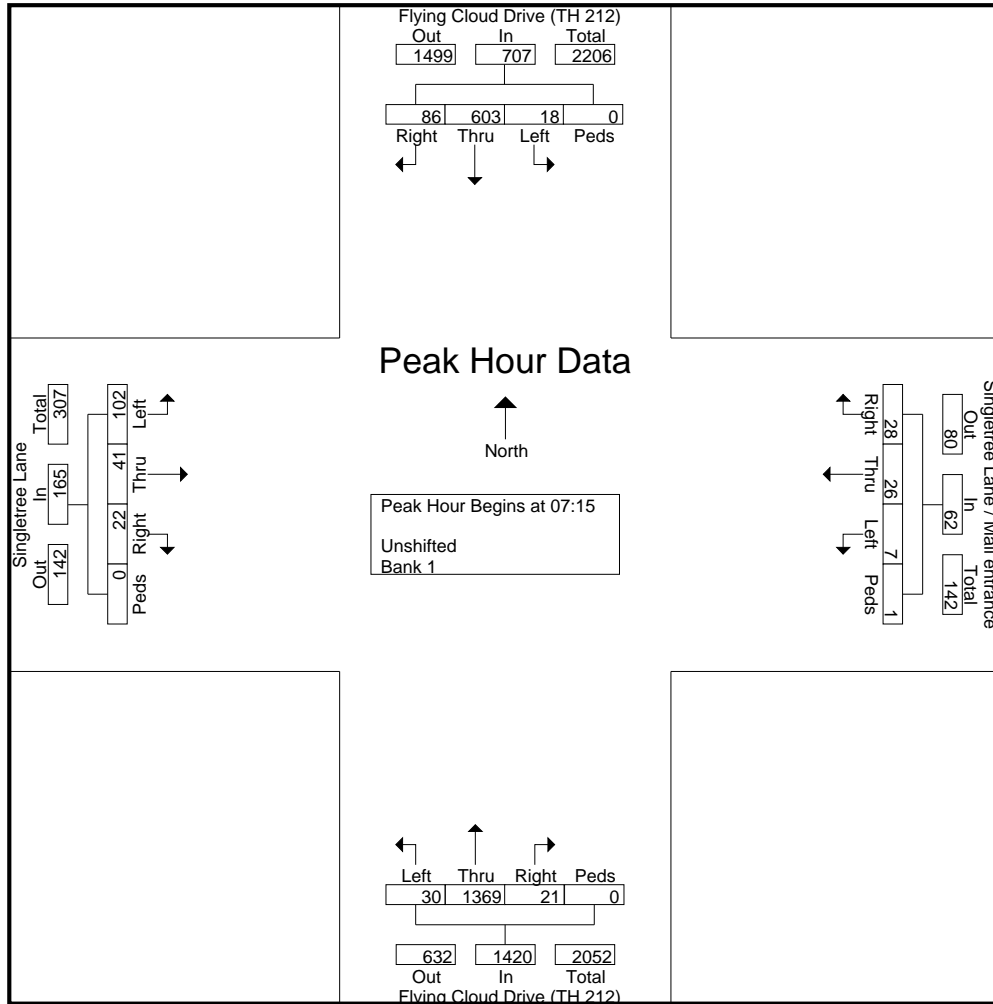
Start Time	Flying Cloud Drive (TH 212) Southbound				Singletree Lane / Mall entrance Westbound				Flying Cloud Drive (TH 212) Northbound				Singletree Lane Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
17:00	20	307	59	1	20	45	10	1	22	187	8	0	38	48	36	0	802
17:15	31	293	67	0	28	59	15	0	20	178	6	0	31	63	40	0	831
17:30	30	308	58	0	23	35	8	1	31	187	11	0	33	34	26	0	785
17:45	25	270	72	0	22	33	14	1	24	159	7	0	26	40	30	0	723
Total	106	1178	256	1	93	172	47	3	97	711	32	0	128	185	132	0	3141
18:00	31	228	44	0	34	43	19	0	11	174	8	0	43	50	25	0	710
18:15	18	176	57	0	18	28	12	0	23	171	9	0	37	44	23	0	616
18:30	23	143	43	0	24	37	20	0	16	178	8	0	38	49	33	0	612
18:45	25	144	50	0	17	49	17	0	14	148	16	3	51	48	33	0	615
Total	97	691	194	0	93	157	68	0	64	671	41	3	169	191	114	0	2553
Grand Total	908	7427	1724	4	549	1184	661	11	649	8449	395	7	1483	1496	778	7	25732
Apprch %	9	73.8	17.1	0	22.8	49.2	27.5	0.5	6.8	88.9	4.2	0.1	39.4	39.7	20.7	0.2	
Total %	3.5	28.9	6.7	0	2.1	4.6	2.6	0	2.5	32.8	1.5	0	5.8	5.8	3	0	
Unshifted	896	7305	1699	4	548	1179	649	11	644	8304	393	7	1459	1491	771	7	25367
% Unshifted	98.7	98.4	98.5	100	99.8	99.6	98.2	100	99.2	98.3	99.5	100	98.4	99.7	99.1	100	98.6
Bank 1	12	122	25	0	1	5	12	0	5	145	2	0	24	5	7	0	365
% Bank 1	1.3	1.6	1.5	0	0.2	0.4	1.8	0	0.8	1.7	0.5	0	1.6	0.3	0.9	0	1.4

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	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 07:15																					
07:15	5	158	24	0	187	3	4	5	1	13	4	344	7	0	355	27	6	4	0	37	592
07:30	7	150	18	0	175	1	4	6	0	11	6	361	3	0	370	29	8	5	0	42	598
07:45	5	148	21	0	174	3	7	6	0	16	9	357	5	0	371	29	15	6	0	50	611
08:00	1	147	23	0	171	0	11	11	0	22	11	307	6	0	324	17	12	7	0	36	553
Total Volume	18	603	86	0	707	7	26	28	1	62	30	1369	21	0	1420	102	41	22	0	165	2354
% App. Total	2.5	85.3	12.2	0		11.3	41.9	45.2	1.6		2.1	96.4	1.5	0		61.8	24.8	13.3	0		
PHF	.643	.954	.896	.000	.945	.583	.591	.636	.250	.705	.682	.948	.750	.000	.957	.879	.683	.786	.000	.825	.963



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	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	24	282	79	1	386	22	41	15	0	78	15	172	10	0	197	36	43	28	0	107	768
17:00	20	307	59	1	387	20	45	10	1	76	22	187	8	0	217	38	48	36	0	122	802
17:15	31	293	67	0	391	28	59	15	0	102	20	178	6	0	204	31	63	40	0	134	831
17:30	30	308	58	0	396	23	35	8	1	67	31	187	11	0	229	33	34	26	0	93	785
Total Volume	105	1190	263	2	1560	93	180	48	2	323	88	724	35	0	847	138	188	130	0	456	3186
% App. Total	6.7	76.3	16.9	0.1		28.8	55.7	14.9	0.6		10.4	85.5	4.1	0		30.3	41.2	28.5	0		
PHF	.847	.966	.832	.500	.985	.830	.763	.800	.500	.792	.710	.968	.795	.000	.925	.908	.746	.813	.000	.851	.958

