

Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at 93rd Ave Lane NE / Clover Leaf Pkwy
 Ref.Pt.: 011.484
 data by Alliant Inc
 TURN MOVEMENT COUNT

File Name : 13 - TH 65 & 93rd Ln-Cloverleaf Pkwy, 10-25-11
 Site Code : 13
 Start Date : 10/25/2011
 Page No : 1

Groups Printed- Cars + - Trucks

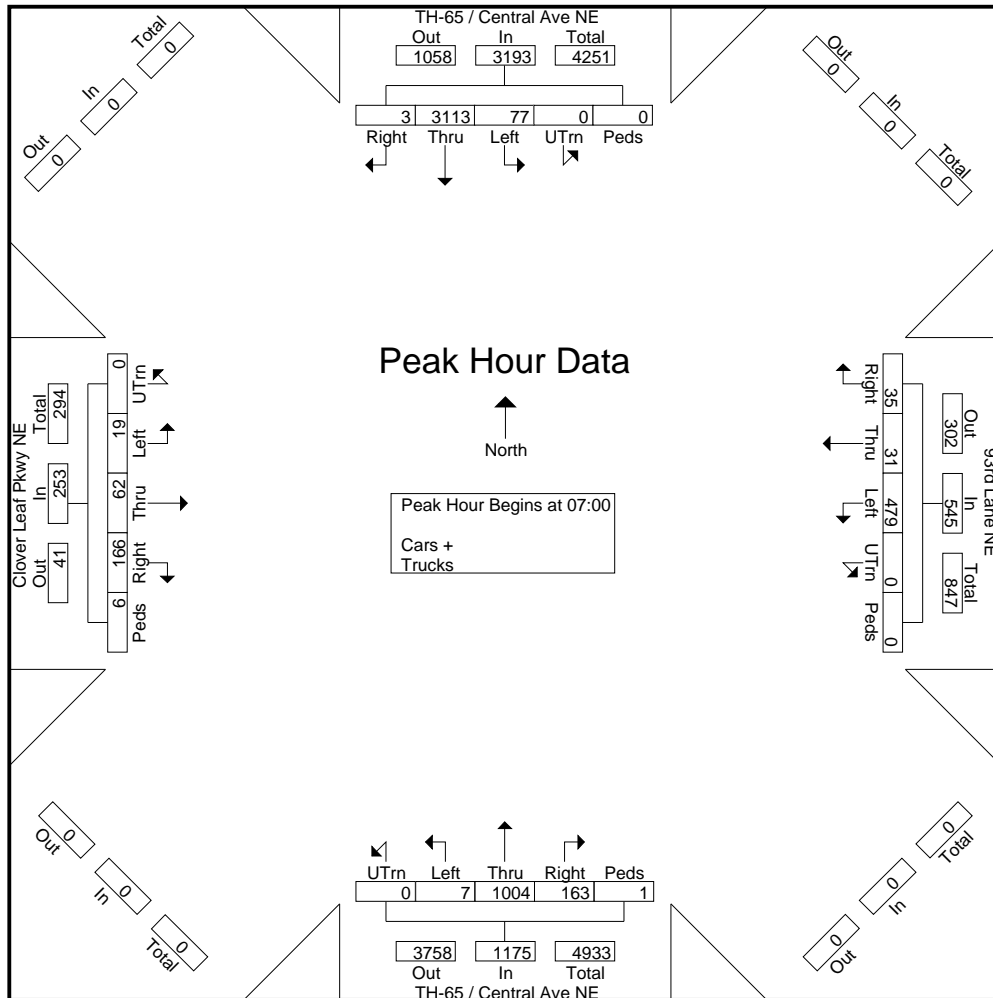
Start Time	TH-65 / Central Ave NE Southbound					93rd Lane NE Westbound					TH-65 / Central Ave NE Northbound					Clover Leaf Pkwy NE Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
06:00	0	14	691	0	0	0	10	6	2	0	0	0	105	19	0	0	0	3	51	0	901
06:15	0	7	757	0	0	0	36	1	6	0	0	0	169	23	0	0	0	7	74	0	1080
06:30	0	10	772	2	0	0	48	5	10	0	0	0	232	35	0	0	3	15	64	0	1196
06:45	0	21	725	1	0	0	89	5	8	0	0	5	244	43	0	0	12	20	60	0	1233
Total	0	52	2945	3	0	0	183	17	26	0	0	5	750	120	0	0	15	45	249	0	4410
07:00	0	16	811	0	0	0	88	5	7	0	0	5	190	40	0	0	0	17	47	0	1226
07:15	0	13	871	0	0	0	118	8	7	0	0	0	282	30	0	0	2	12	45	2	1390
07:30	0	14	723	1	0	0	142	12	9	0	0	0	271	43	1	0	9	21	50	0	1296
07:45	0	34	708	2	0	0	131	6	12	0	0	2	261	50	0	0	8	12	24	4	1254
Total	0	77	3113	3	0	0	479	31	35	0	0	7	1004	163	1	0	19	62	166	6	5166
08:00	1	40	714	6	0	0	90	7	12	0	0	23	198	32	0	0	1	9	11	1	1145
08:15	0	19	666	5	0	0	93	6	10	0	0	2	286	29	0	0	2	7	40	0	1165
08:30	0	28	592	5	0	0	62	10	14	0	0	17	224	29	0	0	6	9	28	0	1024
08:45	0	16	543	8	0	0	58	8	12	0	0	23	306	36	0	0	9	19	26	0	1064
Total	1	103	2515	24	0	0	303	31	48	0	0	65	1014	126	0	0	18	44	105	1	4398
09:00	0	16	442	3	0	0	39	14	21	0	0	7	292	44	0	0	4	14	27	0	923
09:15	2	20	518	2	0	0	37	6	11	0	0	15	312	36	0	0	7	13	27	0	1006
Total	2	36	960	5	0	0	76	20	32	0	0	22	604	80	0	0	11	27	54	0	1929
10:30	2	9	387	7	0	1	41	6	16	0	0	5	321	34	0	0	6	2	21	0	858
10:45	0	15	369	2	0	0	57	8	31	0	0	18	312	28	0	0	10	9	20	0	879
Total	2	24	756	9	0	1	98	14	47	0	0	23	633	62	0	0	16	11	41	0	1737
11:00	0	18	393	1	0	0	55	14	27	0	3	23	311	39	0	0	11	7	16	0	918
11:15	3	16	392	6	0	0	68	6	27	0	0	17	312	48	0	0	5	6	27	0	933
11:30	5	29	404	1	0	0	70	4	33	0	0	17	377	23	0	0	13	10	15	0	1001
11:45	2	15	398	0	0	0	59	11	27	0	3	24	348	46	0	0	10	13	13	0	969
Total	10	78	1587	8	0	0	252	35	114	0	6	81	1348	156	0	0	39	36	71	0	3821
12:00	2	18	470	3	0	0	63	8	30	0	0	20	409	40	0	0	8	10	25	0	1106
12:15	1	10	437	4	0	0	70	13	33	0	0	9	358	42	0	0	12	16	20	0	1025
12:30	2	11	457	2	0	0	59	12	20	0	1	22	397	42	0	0	15	12	20	0	1072
12:45	1	28	400	3	0	0	58	9	29	0	4	33	430	37	0	0	4	7	24	0	1067
Total	6	67	1764	12	0	0	250	42	112	0	5	84	1594	161	0	0	39	45	89	0	4270
13:00	0	19	409	1	0	0	68	18	16	0	0	18	379	49	0	0	16	15	16	0	1024
13:15	0	5	395	0	0	0	30	9	22	0	0	8	408	37	0	0	11	5	19	0	949
Total	0	24	804	1	0	0	98	27	38	0	0	26	787	86	0	0	27	20	35	0	1973
14:30	1	11	454	3	0	0	58	24	26	0	0	32	536	53	0	0	12	9	15	0	1234
14:45	1	5	307	1	0	0	61	22	20	0	0	23	509	56	0	0	12	16	15	0	1048
Total	2	16	761	4	0	0	119	46	46	0	0	55	1045	109	0	0	24	25	30	0	2282
15:00	1	17	420	1	0	0	80	27	20	0	0	17	571	78	0	0	16	14	20	0	1282
15:15	0	20	391	4	0	0	55	39	28	0	0	15	556	77	0	0	14	18	24	0	1241
15:30	0	7	384	2	0	0	79	29	21	0	0	28	564	90	0	0	15	14	20	0	1253
15:45	1	19	396	1	0	0	57	25	32	0	0	39	616	120	0	0	7	16	8	0	1337
Total	2	63	1591	8	0	0	271	120	101	0	0	99	2307	365	0	0	52	62	72	0	5113
16:00	0	18	385	4	0	0	69	33	24	0	0	12	581	103	0	0	9	23	13	0	1274
16:15	1	7	416	0	0	0	34	23	17	0	3	36	577	132	1	0	10	18	20	0	1295
16:30	0	10	466	2	0	0	61	42	27	0	1	19	597	106	0	0	6	13	21	0	1371
16:45	0	14	477	3	0	0	35	37	25	0	1	36	613	128	0	0	8	27	12	0	1416
Total	1	49	1744	9	0	0	199	135	93	0	5	103	2368	469	1	0	33	81	66	0	5356
17:00	0	19	428	3	0	0	63	47	39	0	1	20	586	115	0	0	15	28	26	0	1390
17:15	0	20	487	9	0	0	54	34	25	0	0	43	565	152	0	0	12	15	29	0	1445
17:30	2	14	384	7	0	0	40	44	28	0	0	29	566	79	0	0	12	29	25	0	1259
17:45	0	18	390	11	0	0	52	29	28	0	1	45	486	101	0	0	9	21	8	0	1199
Total	2	71	1689	30	0	0	209	154	120	0	2	137	2203	447	0	0	48	93	88	0	5293
Grand Total	28	660	20229	116	0	1	2537	672	812	0	18	707	15657	2344	2	0	341	551	1066	7	45748
Approch %	0.1	3.1	96.2	0.6	0	0	63.1	16.7	20.2	0	0.1	3.8	83.6	12.5	0	0	17.4	28	54.2	0.4	
Total %	0.1	1.4	44.2	0.3	0	0	5.5	1.5	1.8	0	0	1.5	34.2	5.1	0	0	0.7	1.2	2.3	0	
Cars +	28	632	19475	113	0	1	2385	637	763	0	18	685	14984	2199	1	0	328	529	1034	7	43819
% Cars +	100	95.8	96.3	97.4	0	100	94	94.8	94	0	100	96.9	95.7	93.8	50	0	96.2	96	97	100	95.8
Trucks	0	28	754	3	0	0	152	35	49	0	0	22	673	145	1	0	13	22	32	0	1929
% Trucks	0	4.2	3.7	2.6	0	0	6	5.2	6	0	0	3.1	4.3	6.2	50	0	3.8	4	3	0	4.2

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 Site Code : 13
 Start Date : 10/25/2011
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Start Time	TH-65 / Central Ave NE Southbound					93rd Lane NE Westbound					TH-65 / Central Ave NE Northbound					Clover Leaf Pkwy NE Eastbound					Int. Total				
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds		App. Total			
Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 07:00																									
07:00	0	16	811	0	0	827	0	88	5	7	0	100	0	5	190	40	0	235	0	0	17	47	0	64	1226
07:15	0	13	871	0	0	884	0	118	8	7	0	133	0	0	282	30	0	312	0	2	12	45	2	61	1390
07:30	0	14	723	1	0	738	0	142	12	9	0	163	0	0	271	43	1	315	0	9	21	50	0	80	1296
07:45	0	34	708	2	0	744	0	131	6	12	0	149	0	2	261	50	0	313	0	8	12	24	4	48	1254
Total Volume	0	77	3113	3	0	3193	0	479	31	35	0	545	0	7	1004	163	1	1175	0	19	62	166	6	253	5166
% App. Total	0	2.4	97.5	0.1	0		0	87.9	5.7	6.4	0		0	0.6	85.4	13.9	0.1		0	7.5	24.5	65.6	2.4		
PHF	.000	.566	.894	.375	.000	.903	.000	.843	.646	.729	.000	.836	.000	.350	.890	.815	.250	.933	.000	.528	.738	.830	.375	.791	.929



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Start Time	TH-65 / Central Ave NE Southbound						93rd Lane NE Westbound						TH-65 / Central Ave NE Northbound						Clover Leaf Pkwy NE Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 14:30 to 17:45 - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 16:30																									
16:30	0	10	466	2	0	478	0	61	42	27	0	130	1	19	597	106	0	723	0	6	13	21	0	40	1371
16:45	0	14	477	3	0	494	0	35	37	25	0	97	1	36	613	128	0	778	0	8	27	12	0	47	1416
17:00	0	19	428	3	0	450	0	63	47	39	0	149	1	20	586	115	0	722	0	15	28	26	0	69	1390
17:15	0	20	487	9	0	516	0	54	34	25	0	113	0	43	565	152	0	760	0	12	15	29	0	56	1445
Total Volume	0	63	1858	17	0	1938	0	213	160	116	0	489	3	118	2361	501	0	2983	0	41	83	88	0	212	5622
% App. Total	0	3.3	95.9	0.9	0		0	43.6	32.7	23.7	0		0.1	4	79.1	16.8	0		0	19.3	39.2	41.5	0		
PHF	.000	.788	.954	.472	.000	.939	.000	.845	.851	.744	.000	.820	.750	.686	.963	.824	.000	.959	.000	.683	.741	.759	.000	.768	.973

