

Alliant Engineering Inc Minneapolis, MN 55415

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

File Name : TH-65 at 93rd Ave NE 2009
 Site Code : 00000013
 Start Date : 1/13/2009
 Page No : 1

Groups Printed- Unshifted

Start Time	TH-65 Southbound				93rd Ave NE Westbound				TH-65 Northbound				Clover Leaf Pkwy NE Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	6	427	1	0	27	1	2	0	2	65	25	0	1	14	48	0	619
06:15	11	452	0	0	61	2	3	0	1	94	14	0	1	22	53	0	714
06:30	4	445	2	0	61	2	6	0	4	99	24	0	0	16	53	0	716
06:45	9	424	1	0	112	1	8	0	3	128	44	0	4	38	49	0	821
Total	30	1748	4	0	261	6	19	0	10	386	107	0	6	90	203	0	2870
07:00	6	437	0	0	99	1	9	0	11	109	39	0	0	28	53	0	792
07:15	5	407	1	0	94	3	4	0	16	151	32	0	0	26	54	2	795
07:30	6	442	1	0	102	2	13	0	9	179	36	0	3	25	62	0	880
07:45	9	416	1	0	88	2	12	0	8	175	29	0	3	30	41	0	814
Total	26	1702	3	0	383	8	38	0	44	614	136	0	6	109	210	2	3281
08:00	8	402	2	0	85	2	8	0	8	122	31	0	2	18	29	0	717
08:15	12	426	2	0	94	9	12	0	14	149	20	0	5	16	37	0	796
08:30	12	400	2	0	76	3	19	0	14	131	19	1	2	13	27	0	719
08:45	10	353	5	0	89	5	31	0	15	167	32	0	4	8	34	0	753
Total	42	1581	11	0	344	19	70	0	51	569	102	1	13	55	127	0	2985
09:00	10	384	7	0	85	8	18	0	12	162	30	0	6	10	18	0	750
09:15	12	379	9	0	56	8	21	0	16	154	33	0	3	15	20	0	726
*** BREAK ***																	
Total	22	763	16	0	141	16	39	0	28	316	63	0	9	25	38	0	1476
*** BREAK ***																	
10:30	10	219	2	0	35	8	26	0	11	164	38	0	6	7	13	0	539
10:45	13	232	6	0	43	9	16	0	9	195	40	0	8	13	19	0	603
Total	23	451	8	0	78	17	42	0	20	359	78	0	14	20	32	0	1142
11:00	14	201	5	0	60	4	15	1	9	190	27	0	8	9	19	0	562
11:15	16	236	7	0	38	10	17	0	11	234	34	0	10	16	18	0	647
11:30	16	234	8	0	56	9	29	0	11	178	46	0	7	13	17	0	624
11:45	13	223	5	0	51	10	18	0	11	241	37	0	7	13	19	0	648
Total	59	894	25	0	205	33	79	1	42	843	144	0	32	51	73	0	2481
12:00	27	203	6	0	82	8	34	0	13	216	48	0	8	19	16	0	680
12:15	22	272	3	0	51	15	25	0	21	280	41	0	9	16	27	0	782
12:30	24	269	5	0	50	17	18	0	9	232	41	0	8	21	20	0	714
12:45	17	262	7	0	48	10	24	0	11	254	44	0	10	25	15	0	727
Total	90	1006	21	0	231	50	101	0	54	982	174	0	35	81	78	0	2903
13:00	18	249	11	0	47	9	21	0	10	190	54	0	6	19	19	0	653
13:15	9	279	11	0	49	4	17	0	16	255	50	0	8	20	22	0	740
*** BREAK ***																	
Total	27	528	22	0	96	13	38	0	26	445	104	0	14	39	41	0	1393
*** BREAK ***																	
14:30	16	239	15	0	50	7	26	0	21	400	35	0	9	12	24	0	854
14:45	23	245	11	0	50	22	28	0	50	466	60	0	15	14	19	0	1003
Total	39	484	26	0	100	29	54	0	71	866	95	0	24	26	43	0	1857
15:00	19	282	8	0	50	27	39	0	39	431	54	0	11	19	16	0	995
15:15	17	256	10	0	52	21	28	0	37	466	75	0	6	17	21	0	1006
15:30	14	243	5	0	66	16	46	0	27	493	85	0	6	17	21	0	1039
15:45	9	257	7	0	39	25	33	0	34	495	104	0	5	11	16	0	1035
Total	59	1038	30	0	207	89	146	0	137	1885	318	0	28	64	74	0	4075

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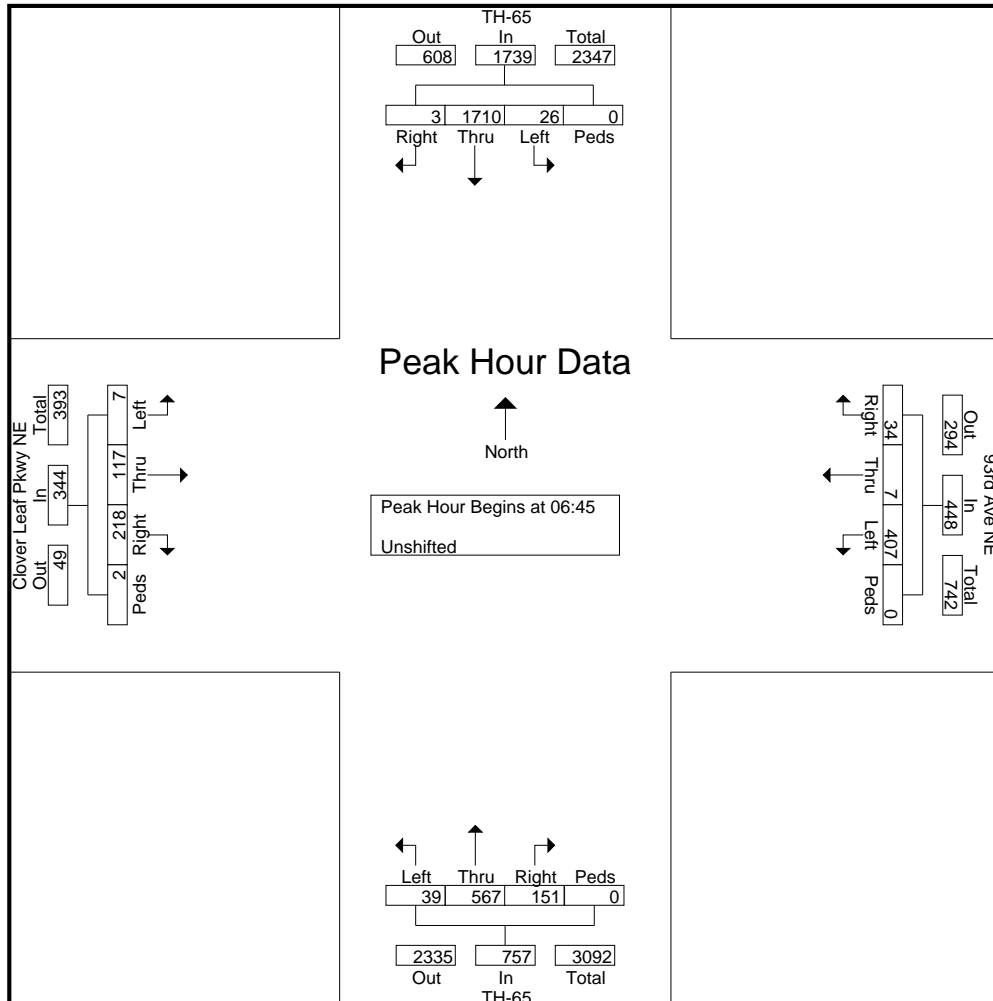
Start Time	TH-65 Southbound				93rd Ave NE Westbound				TH-65 Northbound				Clover Leaf Pkwy NE Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	19	241	7	0	58	29	32	0	29	523	79	0	10	18	18	0	1063
16:15	15	246	10	0	56	32	37	0	46	517	113	0	8	21	26	0	1127
16:30	18	303	8	0	58	38	41	3	39	509	149	0	13	13	22	0	1214
16:45	14	306	15	0	39	46	35	0	32	525	113	1	7	23	21	0	1177
Total	66	1096	40	0	211	145	145	3	146	2074	454	1	38	75	87	0	4581
17:00	16	283	17	0	53	53	27	0	26	478	77	0	10	23	37	0	1100
17:15	17	313	17	0	33	37	22	0	24	475	99	0	8	15	29	0	1089
17:30	19	253	13	0	28	31	16	0	29	466	93	0	12	23	51	0	1034
17:45	8	281	7	0	25	32	19	0	38	484	93	0	10	11	32	0	1040
Total	60	1130	54	0	139	153	84	0	117	1903	362	0	40	72	149	0	4263
Grand Total	543	12421	260	0	2396	578	855	4	746	11242	2137	2	259	707	1155	2	33307
Apprch %	4.1	93.9	2	0	62.5	15.1	22.3	0.1	5.3	79.6	15.1	0	12.2	33.3	54.4	0.1	
Total %	1.6	37.3	0.8	0	7.2	1.7	2.6	0	2.2	33.8	6.4	0	0.8	2.1	3.5	0	

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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 06:00 to 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:45																					
06:45	9	424	1	0	434	112	1	8	0	121	3	128	44	0	175	4	38	49	0	91	821
07:00	6	437	0	0	443	99	1	9	0	109	11	109	39	0	159	0	28	53	0	81	792
07:15	5	407	1	0	413	94	3	4	0	101	16	151	32	0	199	0	26	54	2	82	795
07:30	6	442	1	0	449	102	2	13	0	117	9	179	36	0	224	3	25	62	0	90	880
Total Volume	26	1710	3	0	1739	407	7	34	0	448	39	567	151	0	757	7	117	218	2	344	3288
% App. Total	1.5	98.3	0.2	0		90.8	1.6	7.6	0		5.2	74.9	19.9	0		2	34	63.4	0.6		
PHF	.722	.967	.750	.000	.968	.908	.583	.654	.000	.926	.609	.792	.858	.000	.845	.438	.770	.879	.250	.945	.934



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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 15:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:15																					
16:15	15	246	10	0	271	56	32	37	0	125	46	517	113	0	676	8	21	26	0	55	1127
16:30	18	303	8	0	329	58	38	41	3	140	39	509	149	0	697	13	13	22	0	48	1214
16:45	14	306	15	0	335	39	46	35	0	120	32	525	113	1	671	7	23	21	0	51	1177
17:00	16	283	17	0	316	53	53	27	0	133	26	478	77	0	581	10	23	37	0	70	1100
Total Volume	63	1138	50	0	1251	206	169	140	3	518	143	2029	452	1	2625	38	80	106	0	224	4618
% App. Total	5	91	4	0		39.8	32.6	27	0.6		5.4	77.3	17.2	0		17	35.7	47.3	0		
PHF	.875	.930	.735	.000	.934	.888	.797	.854	.250	.925	.777	.966	.758	.250	.942	.731	.870	.716	.000	.800	.951

