

Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at 81st Ave NE SPRING LAKE PARK
 Ref.Pt.: 009.682
 Data by Alliant Engineering Inc
 TURN MOVEMENT COUNT

File Name : TH-65 at 81st Ave NE 2009
 Site Code : 00000008
 Start Date : 1/7/2009
 Page No : 1

Groups Printed- Unshifted

Start Time	TH-65 Southbound				81st Ave NE Westbound				TH-65 Northbound				81st Ave NE Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	18	305	30	0	2	4	6	0	3	46	4	0	9	3	11	0	441
06:15	15	398	39	0	2	3	6	0	7	49	4	0	8	3	11	0	545
06:30	15	450	31	1	5	5	9	0	6	78	9	1	10	9	9	0	638
06:45	23	411	40	1	5	9	14	0	6	81	12	0	17	9	26	1	655
Total	71	1564	140	2	14	21	35	0	22	254	29	1	44	24	57	1	2279
07:00	29	458	28	1	9	11	21	0	12	89	12	1	27	9	13	1	721
07:15	20	478	20	8	12	9	20	1	10	112	6	9	25	7	15	6	758
07:30	28	466	23	3	10	12	17	0	8	127	8	4	24	16	27	3	776
07:45	42	562	27	0	11	16	24	0	11	131	12	4	29	15	15	6	905
Total	119	1964	98	12	42	48	82	1	41	459	38	18	105	47	70	16	3160
08:00	37	470	36	1	10	19	17	0	7	143	12	0	45	24	26	0	847
08:15	26	394	47	0	18	20	24	0	8	133	14	2	52	16	22	0	776
08:30	15	300	24	0	8	11	23	0	10	120	19	0	24	16	21	0	591
08:45	25	294	33	0	5	15	10	0	8	132	11	0	16	10	12	0	571
Total	103	1458	140	1	41	65	74	0	33	528	56	2	137	66	81	0	2785
09:00	15	240	30	0	11	7	18	0	12	123	5	0	20	11	23	0	515
09:15	19	224	29	0	2	10	9	0	5	132	15	0	19	15	14	0	493
*** BREAK ***																	
Total	34	464	59	0	13	17	27	0	17	255	20	0	39	26	37	0	1008
*** BREAK ***																	
10:30	17	157	14	0	6	21	15	0	14	118	10	0	13	9	18	0	412
10:45	19	187	21	0	10	14	28	0	8	140	12	0	20	16	18	0	493
Total	36	344	35	0	16	35	43	0	22	258	22	0	33	25	36	0	905
11:00	20	158	18	0	8	12	18	0	7	159	11	0	17	8	10	0	446
11:15	11	197	17	0	12	23	27	0	21	182	9	0	24	11	13	0	547
11:30	16	166	36	0	16	28	29	0	22	171	7	0	24	18	15	0	548
11:45	17	189	31	0	5	20	37	0	24	218	12	0	35	27	16	0	631
Total	64	710	102	0	41	83	111	0	74	730	39	0	100	64	54	0	2172
12:00	24	144	41	0	11	22	19	0	23	179	9	0	51	18	15	0	556
12:15	21	200	28	3	13	19	19	0	27	175	10	1	29	20	17	0	582
12:30	17	223	23	0	11	23	32	0	18	162	15	0	29	35	21	0	609
12:45	19	268	20	0	11	23	21	0	14	168	8	1	43	21	17	0	634
Total	81	835	112	3	46	87	91	0	82	684	42	2	152	94	70	0	2381
13:00	23	194	24	1	11	11	29	0	15	190	9	1	38	23	16	1	586
13:15	19	164	27	0	11	12	24	0	20	176	12	0	26	18	16	0	525
*** BREAK ***																	
Total	42	358	51	1	22	23	53	0	35	366	21	1	64	41	32	1	1111
*** BREAK ***																	
14:30	26	231	32	0	16	17	51	0	33	322	13	0	64	26	19	0	850
14:45	24	231	30	0	10	21	41	0	14	291	46	3	60	27	16	0	814
Total	50	462	62	0	26	38	92	0	47	613	59	3	124	53	35	0	1664
15:00	24	189	25	0	15	16	82	0	19	281	20	0	48	17	28	0	764
15:15	26	232	24	1	12	15	69	0	22	315	14	0	54	15	18	0	817
15:30	16	215	23	0	15	26	55	0	17	365	15	0	54	15	15	0	831
15:45	26	218	17	1	11	24	48	0	19	409	14	0	41	16	17	0	861
Total	92	854	89	2	53	81	254	0	77	1370	63	0	197	63	78	0	3273

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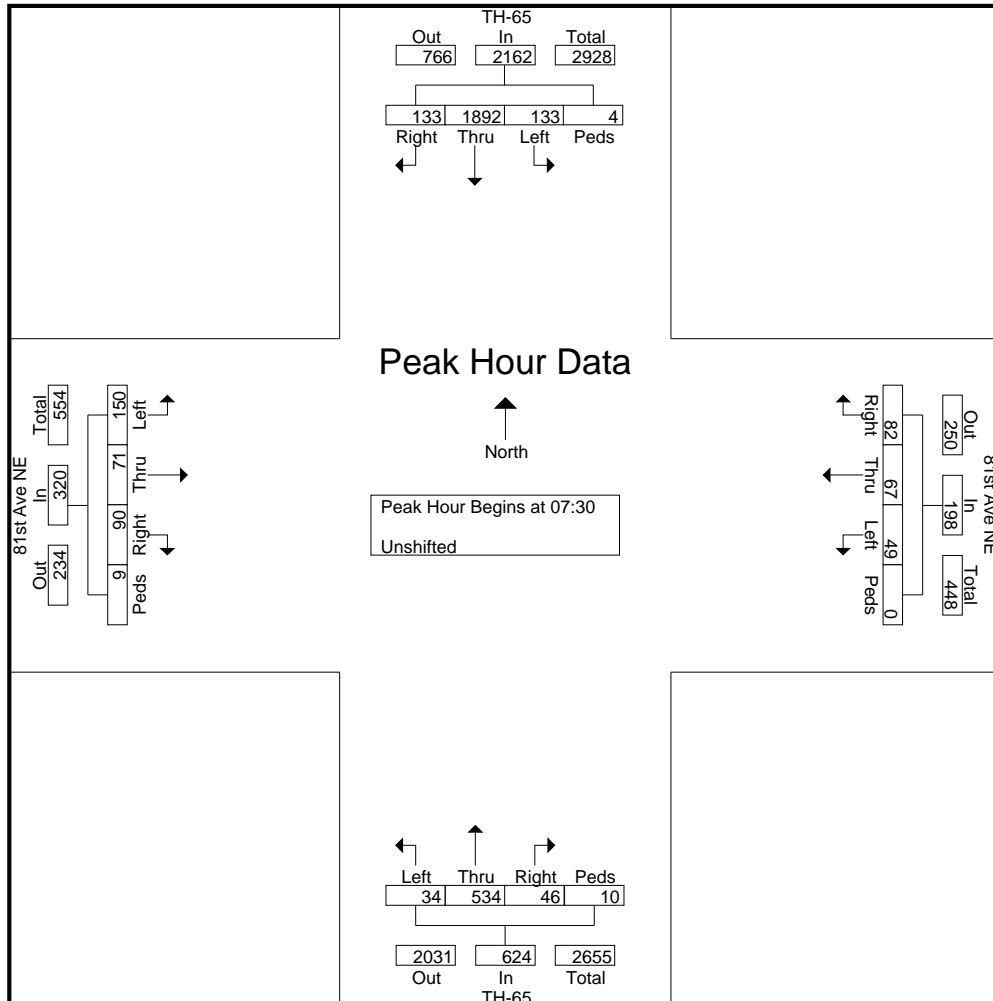
Start Time	TH-65 Southbound				81st Ave NE Westbound				TH-65 Northbound				81st Ave NE Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	21	189	27	0	9	16	63	1	27	348	14	0	60	29	17	0	821
16:15	20	213	23	0	13	32	64	0	17	427	19	0	41	23	12	0	904
16:30	15	246	19	0	17	27	87	0	29	428	11	0	40	18	25	0	962
16:45	17	247	20	0	10	18	74	0	20	461	6	0	49	15	10	0	947
Total	73	895	89	0	49	93	288	1	93	1664	50	0	190	85	64	0	3634
17:00	16	231	20	0	16	17	102	0	25	450	13	0	36	10	14	0	950
17:15	18	193	32	0	8	32	73	0	33	472	11	0	31	15	20	0	938
17:30	16	203	23	0	10	24	57	0	21	444	17	1	56	25	12	0	909
17:45	13	220	24	0	15	18	69	1	23	381	17	0	41	12	10	0	844
Total	63	847	99	0	49	91	301	1	102	1747	58	1	164	62	56	0	3641
Grand Total	828	10755	1076	21	412	682	1451	3	645	8928	497	28	1349	650	670	18	28013
Apprch %	6.5	84.8	8.5	0.2	16.2	26.8	56.9	0.1	6.4	88.4	4.9	0.3	50.2	24.2	24.9	0.7	
Total %	3	38.4	3.8	0.1	1.5	2.4	5.2	0	2.3	31.9	1.8	0.1	4.8	2.3	2.4	0.1	

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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 07:30																					
07:30	28	466	23	3	520	10	12	17	0	39	8	127	8	4	147	24	16	27	3	70	776
07:45	42	562	27	0	631	11	16	24	0	51	11	131	12	4	158	29	15	15	6	65	905
08:00	37	470	36	1	544	10	19	17	0	46	7	143	12	0	162	45	24	26	0	95	847
08:15	26	394	47	0	467	18	20	24	0	62	8	133	14	2	157	52	16	22	0	90	776
Total Volume	133	1892	133	4	2162	49	67	82	0	198	34	534	46	10	624	150	71	90	9	320	3304
% App. Total	6.2	87.5	6.2	0.2		24.7	33.8	41.4	0		5.4	85.6	7.4	1.6		46.9	22.2	28.1	2.8		
PHF	.792	.842	.707	.333	.857	.681	.838	.854	.000	.798	.773	.934	.821	.625	.963	.721	.740	.833	.375	.842	.913



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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 16:30																					
16:30	15	246	19	0	280	17	27	87	0	131	29	428	11	0	468	40	18	25	0	83	962
16:45	17	247	20	0	284	10	18	74	0	102	20	461	6	0	487	49	15	10	0	74	947
17:00	16	231	20	0	267	16	17	102	0	135	25	450	13	0	488	36	10	14	0	60	950
17:15	18	193	32	0	243	8	32	73	0	113	33	472	11	0	516	31	15	20	0	66	938
Total Volume	66	917	91	0	1074	51	94	336	0	481	107	1811	41	0	1959	156	58	69	0	283	3797
% App. Total	6.1	85.4	8.5	0		10.6	19.5	69.9	0		5.5	92.4	2.1	0		55.1	20.5	24.4	0		
PHF	.917	.928	.711	.000	.945	.750	.734	.824	.000	.891	.811	.959	.788	.000	.949	.796	.806	.690	.000	.852	.987

