

Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at 81st Ave NE
Ref.Pt.: 009.682
data by Alliant Inc
TURN MOVEMENT COUNT

File Name : 8 - TH 65 & 81st Av, 10-25-11
Site Code : 8
Start Date : 10/25/2011
Page No : 1

Groups Printed- Cars + - Trucks

Start Time	TH-65 Southbound					81st Ave NE Westbound					TH-65 Northbound					81st Ave 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	10	313	11	0	0	4	4	2	0	0	8	63	1	0	0	5	4	7	0	432
06:15	0	14	400	10	0	0	8	3	13	0	0	2	70	1	0	0	10	6	7	0	544
06:30	0	14	535	15	0	0	3	6	12	0	0	5	113	6	0	0	12	10	15	0	746
06:45	0	30	658	7	0	0	6	11	13	0	0	16	100	10	0	0	16	11	18	0	896
Total	0	68	1906	43	0	0	21	24	40	0	0	31	346	18	0	0	43	31	47	0	2618
07:00	0	17	560	13	0	0	11	17	19	0	0	7	129	4	3	0	28	11	22	0	841
07:15	0	10	605	9	0	0	14	22	20	0	0	17	129	4	0	0	60	16	14	0	920
07:30	0	21	666	10	0	0	5	10	31	0	0	4	157	13	0	0	57	15	18	0	1007
07:45	0	34	631	4	0	0	12	8	30	0	0	12	149	8	0	0	28	17	31	0	964
Total	0	82	2462	36	0	0	42	57	100	0	0	40	564	29	3	0	173	59	85	0	3732
08:00	0	34	637	5	0	0	7	13	24	0	0	6	153	7	0	0	20	10	16	0	932
08:15	0	22	445	4	0	0	12	9	23	0	0	20	118	8	0	0	23	13	22	0	719
08:30	0	16	376	7	0	0	8	14	23	0	0	14	144	11	1	0	17	15	14	0	660
08:45	0	26	389	2	0	0	8	21	32	0	0	11	137	5	0	0	26	20	10	0	687
Total	0	98	1847	18	0	0	35	57	102	0	0	51	552	31	1	0	86	58	62	0	2998
09:00	0	18	236	10	0	0	4	15	18	0	0	13	123	7	0	0	39	10	17	0	510
09:15	0	10	286	10	0	0	9	7	9	0	0	15	175	10	0	0	16	8	15	0	570
Total	0	28	522	20	0	0	13	22	27	0	0	28	298	17	0	0	55	18	32	0	1080
10:30	0	15	200	2	0	0	10	19	17	0	0	11	146	11	0	0	20	8	13	0	472
10:45	0	20	179	10	0	0	5	11	17	0	0	10	176	6	0	0	29	17	5	0	485
Total	0	35	379	12	0	0	15	30	34	0	0	21	322	17	0	0	49	25	18	0	957
11:00	0	14	187	10	1	0	11	13	30	0	0	18	159	5	1	0	21	12	19	0	501
11:15	0	23	246	8	0	0	11	23	18	0	0	15	203	5	0	0	17	8	16	0	593
11:30	0	17	245	14	0	0	9	14	41	0	0	18	241	9	0	0	49	26	23	0	706
11:45	0	22	223	3	0	0	8	29	24	0	0	16	189	7	0	0	47	33	19	0	620
Total	0	76	901	35	1	0	39	79	113	0	0	67	792	26	1	0	134	79	77	0	2420
12:00	0	24	238	4	0	0	9	25	27	0	0	21	220	12	0	0	19	21	17	0	637
12:15	0	30	248	9	0	0	5	13	17	2	0	19	208	10	0	0	60	26	17	0	664
12:30	0	19	230	14	0	0	13	26	28	0	0	16	222	12	0	0	47	23	22	0	672
12:45	0	22	220	11	0	0	18	21	42	0	0	27	233	12	0	0	36	25	24	0	691
Total	0	95	936	38	0	0	45	85	114	2	0	83	883	46	0	0	162	95	80	0	2664
13:00	0	31	204	5	0	0	11	20	36	0	0	15	218	7	0	0	39	28	23	0	637
13:15	0	20	212	18	0	0	7	16	21	0	0	22	196	8	0	0	29	17	21	0	587
Total	0	51	416	23	0	0	18	36	57	0	0	37	414	15	0	0	68	45	44	0	1224
14:30	0	27	285	7	0	3	14	18	40	0	0	21	350	7	0	0	110	19	23	0	924
14:45	0	24	191	11	0	0	11	13	30	0	0	12	304	12	1	0	67	23	18	0	717
Total	0	51	476	18	0	3	25	31	70	0	0	33	654	19	1	0	177	42	41	0	1641
15:00	0	18	256	8	0	0	11	17	83	0	0	26	423	8	3	0	42	13	17	0	925
15:15	3	37	227	9	0	0	8	22	39	0	0	21	399	12	0	0	55	25	13	0	870
15:30	0	22	263	8	0	0	8	19	71	0	0	23	415	12	0	0	49	20	16	0	926
15:45	0	22	270	16	0	0	7	18	57	0	0	25	411	13	5	0	60	17	11	0	932
Total	3	99	1016	41	0	0	34	76	250	0	0	95	1648	45	8	0	206	75	57	0	3653
16:00	0	20	337	4	0	0	10	15	71	0	0	19	489	14	0	0	65	16	9	0	1069
16:15	0	18	238	4	0	0	9	22	50	0	0	32	487	12	0	0	52	11	11	0	946
16:30	0	20	266	2	0	0	12	21	85	0	0	29	509	11	1	0	44	18	16	0	1034
16:45	0	26	280	7	0	0	11	20	57	0	0	19	509	10	0	0	67	24	17	0	1047
Total	0	84	1121	17	0	0	42	78	263	0	0	99	1994	47	1	0	228	69	53	0	4096
17:00	0	15	247	11	0	0	9	23	62	0	0	26	557	12	0	0	61	15	19	0	1057
17:15	0	25	282	7	0	0	7	17	57	0	0	15	507	13	0	0	63	12	16	0	1021
17:30	0	22	268	4	0	0	7	14	47	0	0	14	378	10	0	0	51	12	11	0	838
17:45	0	10	233	17	0	0	10	14	38	0	0	29	370	17	0	0	48	13	17	0	816
Total	0	72	1030	39	0	0	33	68	204	0	0	84	1812	52	0	0	223	52	63	0	3732
Grand Total	3	839	13012	340	1	3	362	643	1374	2	0	669	10279	362	15	0	1604	648	659	0	30815
Approch %	0	5.9	91.7	2.4	0	0.1	15.2	27	57.6	0.1	0	5.9	90.8	3.2	0.1	0	55.1	22.3	22.6	0	0
Total %	0	2.7	42.2	1.1	0	0	1.2	2.1	4.5	0	0	2.2	33.4	1.2	0	0	5.2	2.1	2.1	0	0
Cars +	3	808	12584	320	0	3	347	625	1332	2	0	647	9881	350	13	0	1522	618	646	0	29701
% Cars +	100	96.3	96.7	94.1	0	100	95.9	97.2	96.9	100	0	96.7	96.1	96.7	86.7	0	94.9	95.4	98	0	96.4
Trucks	0	31	428	20	1	0	15	18	42	0	0	22	398	12	2	0	82	30	13	0	1114
% Trucks	0	3.7	3.3	5.9	100	0	4.1	2.8	3.1	0	0	3.3	3.9	3.3	13.3	0	5.1	4.6	2	0	3.6

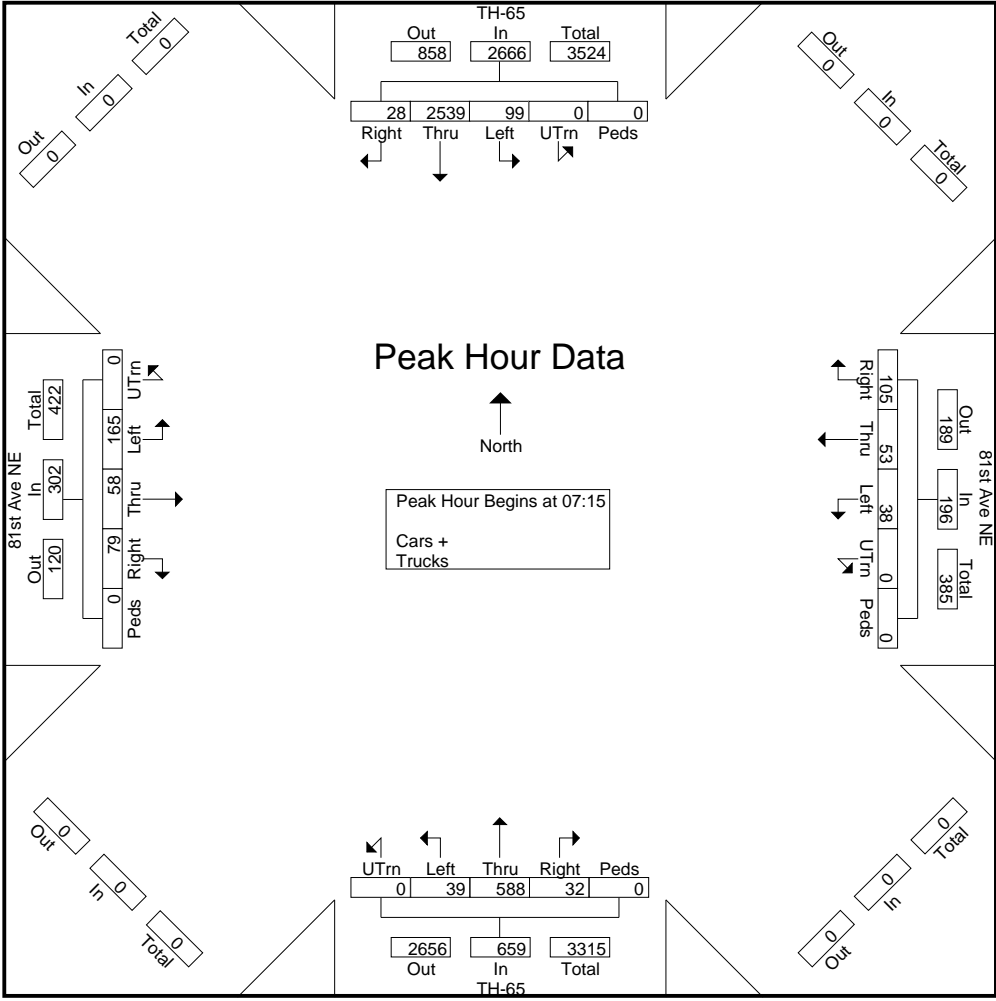
Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at 81st Ave NE
 Ref.Pt.: 009.682
 data by Alliant Inc
 TURN MOVEMENT COUNT

File Name : 8 - TH 65 & 81st Av, 10-25-11
 Site Code : 8
 Start Date : 10/25/2011
 Page No : 2

Start Time	TH-65 Southbound					81st Ave NE Westbound					TH-65 Northbound					81st Ave 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			
07:15	0	10	605	9	0	624	0	14	22	20	0	56	0	17	129	4	0	150	0	60	16	14	0	90	920
07:30	0	21	666	10	0	697	0	5	10	31	0	46	0	4	157	13	0	174	0	57	15	18	0	90	1007
07:45	0	34	631	4	0	669	0	12	8	30	0	50	0	12	149	8	0	169	0	28	17	31	0	76	964
08:00	0	34	637	5	0	676	0	7	13	24	0	44	0	6	153	7	0	166	0	20	10	16	0	46	932
Total Volume	0	99	2539	28	0	2666	0	38	53	105	0	196	0	39	588	32	0	659	0	165	58	79	0	302	3823
% App. Total	0	3.7	95.2	1.1	0		0	19.4	27	53.6	0		0	5.9	89.2	4.9	0		0	54.6	19.2	26.2	0		
PHF	.000	.728	.953	.700	.000	.956	.000	.679	.602	.847	.000	.875	.000	.574	.936	.615	.000	.947	.000	.688	.853	.637	.000	.839	.949

Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 07:15



Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at 81st Ave NE
Ref.Pt.: 009.682
data by Alliant Inc
TURN MOVEMENT COUNT

File Name : 8 - TH 65 & 81st Av, 10-25-11
Site Code : 8
Start Date : 10/25/2011
Page No : 3

Start Time	TH-65 Southbound						81st Ave NE Westbound						TH-65 Northbound						81st Ave 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	20	266	2	0	288	0	12	21	85	0	118	0	29	509	11	1	550	0	44	18	16	0	78	1034
16:45	0	26	280	7	0	313	0	11	20	57	0	88	0	19	509	10	0	538	0	67	24	17	0	108	1047
17:00	0	15	247	11	0	273	0	9	23	62	0	94	0	26	557	12	0	595	0	61	15	19	0	95	1057
17:15	0	25	282	7	0	314	0	7	17	57	0	81	0	15	507	13	0	535	0	63	12	16	0	91	1021
Total Volume	0	86	1075	27	0	1188	0	39	81	261	0	381	0	89	2082	46	1	2218	0	235	69	68	0	372	4159
% App. Total	0	7.2	90.5	2.3	0		0	10.2	21.3	68.5	0		0	4	93.9	2.1	0		0	63.2	18.5	18.3	0		
PHF	.000	.827	.953	.614	.000	.946	.000	.813	.880	.768	.000	.807	.000	.767	.934	.885	.250	.932	.000	.877	.719	.895	.000	.861	.984

