

Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at 99th Ave NE
Ref.Pt.: 012.164
data by Alliant Inc.
TURN MOVEMENT COUNT

File Name : 14 - TH 65 & 99th Av, 10-25-11
Site Code : 14
Start Date : 10/25/2011
Page No : 1

Groups Printed- Cars + - Trucks

Start Time	TH-65 / Central Ave NE Southbound					99th Ave NE Westbound					TH-65 / Central Ave NE Northbound					99th 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	9	656	34	0	0	4	1	0	0	0	2	106	5	0	0	10	4	21	0	852
06:15	0	2	732	29	0	0	3	2	0	0	0	3	143	1	0	0	11	3	12	0	941
06:30	0	1	721	23	0	0	11	5	0	0	0	8	212	15	0	0	22	20	14	0	1052
06:45	0	5	740	16	0	0	20	7	0	0	0	8	242	18	0	0	37	27	8	0	1128
Total	0	17	2849	102	0	0	38	15	0	0	0	21	703	39	0	0	80	54	55	0	3973
07:00	0	4	720	18	0	0	29	12	0	0	0	4	193	7	0	0	19	13	26	0	1045
07:15	1	7	749	31	0	0	24	4	0	0	0	2	298	10	0	0	24	32	8	0	1190
07:30	1	10	686	22	0	1	19	18	0	0	1	8	262	12	0	0	22	24	20	0	1106
07:45	0	9	674	29	0	0	24	9	0	0	4	9	241	27	0	0	23	27	10	0	1086
Total	2	30	2829	100	0	1	96	43	0	0	5	23	994	56	0	0	88	96	64	0	4427
08:00	3	7	614	28	0	0	17	8	1	0	0	10	270	9	0	0	37	14	8	0	1026
08:15	0	8	595	33	0	0	26	10	1	0	0	8	246	12	0	0	22	15	7	0	983
08:30	1	5	543	19	0	0	25	14	0	0	0	12	249	9	0	0	28	10	10	0	925
08:45	2	1	451	24	0	0	26	4	0	0	0	10	288	14	0	0	41	29	7	0	897
Total	6	21	2203	104	0	0	94	36	2	0	0	40	1053	44	0	0	128	68	32	0	3831
09:00	2	3	400	18	0	0	20	10	0	0	3	18	279	6	0	0	38	10	12	0	819
09:15	1	9	447	31	0	0	23	9	1	0	0	11	287	16	0	0	62	15	14	0	926
Total	3	12	847	49	0	0	43	19	1	0	3	29	566	22	0	0	100	25	26	0	1745
10:30	0	2	333	21	0	0	38	7	0	0	0	8	333	18	0	0	21	9	6	0	796
10:45	0	3	350	17	1	0	32	9	5	0	0	9	336	13	0	0	37	6	9	0	827
Total	0	5	683	38	1	0	70	16	5	0	0	17	669	31	0	0	58	15	15	0	1623
11:00	2	8	350	25	0	0	30	18	2	0	4	17	324	11	0	0	24	4	1	0	820
11:15	2	8	314	17	0	0	32	19	5	0	2	9	409	8	0	0	18	10	5	0	858
11:30	0	8	309	28	0	0	25	28	5	0	2	19	380	14	0	0	20	7	1	0	846
11:45	3	7	368	28	0	0	38	34	4	0	5	9	447	15	0	0	13	0	0	0	971
Total	7	31	1341	98	0	0	125	99	16	0	13	54	1560	48	0	0	75	21	7	0	3495
12:00	4	8	441	16	0	0	45	31	2	0	0	4	501	18	0	0	32	8	2	0	1112
12:15	0	7	327	19	0	0	38	14	3	0	2	13	396	16	0	0	20	7	4	0	866
12:30	1	2	484	18	0	0	59	26	2	0	0	17	479	10	0	0	13	7	5	0	1123
12:45	5	4	385	25	0	0	55	24	5	0	3	12	430	21	0	0	28	14	2	0	1013
Total	10	21	1637	78	0	0	197	95	12	0	5	46	1806	65	0	0	93	36	13	0	4114
13:00	0	3	383	23	0	0	51	11	5	0	1	9	344	9	0	0	31	11	4	0	885
13:15	3	5	460	20	0	0	25	13	0	0	2	21	425	16	0	0	37	12	1	0	1040
Total	3	8	843	43	0	0	76	24	5	0	3	30	769	25	0	0	68	23	5	0	1925
14:30	0	1	353	23	0	0	36	36	3	0	2	18	528	14	0	0	41	12	6	0	1073
14:45	0	7	268	17	0	0	33	27	4	0	2	21	510	17	0	0	44	20	12	0	982
Total	0	8	621	40	0	0	69	63	7	0	4	39	1038	31	0	0	85	32	18	0	2055
15:00	1	4	370	27	0	0	28	12	1	0	0	17	552	26	0	0	50	14	9	0	1111
15:15	0	5	303	23	0	0	27	36	5	0	0	18	516	20	0	0	44	22	10	0	1029
15:30	2	4	316	23	0	0	39	45	12	0	0	38	617	18	0	0	28	7	2	0	1151
15:45	0	5	306	26	0	0	47	37	4	0	1	34	599	23	0	0	49	10	2	0	1143
Total	3	18	1295	99	0	0	141	130	22	0	1	107	2284	87	0	0	171	53	23	0	4434
16:00	0	7	311	38	0	0	39	60	3	0	2	12	611	16	0	0	61	28	10	0	1198
16:15	1	0	342	44	0	0	26	30	11	0	4	21	637	18	0	0	40	25	7	0	1206
16:30	0	1	400	39	0	1	75	60	10	0	0	9	645	10	0	0	51	28	5	0	1334
16:45	0	2	433	31	0	0	43	53	10	0	0	11	577	12	0	0	56	28	11	0	1267
Total	1	10	1486	152	0	1	183	203	34	0	6	53	2470	56	0	0	208	109	33	0	5005
17:00	0	3	422	23	0	0	51	61	4	0	0	25	603	14	0	0	58	30	8	0	1302
17:15	5	4	394	40	0	0	55	49	7	0	0	17	660	13	0	0	54	30	9	0	1337
17:30	5	7	396	25	0	0	24	61	7	0	2	25	635	24	0	0	54	30	5	0	1300
17:45	1	2	334	51	0	0	33	40	1	0	1	35	546	12	0	0	44	13	8	0	1121
Total	11	16	1546	139	0	0	163	211	19	0	3	102	2444	63	0	0	210	103	30	0	5060
Grand Total	46	197	18180	1042	1	2	1295	954	123	0	43	561	16356	567	0	0	1364	635	321	0	41687
Apprch %	0.2	1	93.4	5.4	0	0.1	54.5	40.2	5.2	0	0.2	3.2	93.3	3.2	0	0	58.8	27.4	13.8	0	
Total %	0.1	0.5	43.6	2.5	0	0	3.1	2.3	0.3	0	0.1	1.3	39.2	1.4	0	0	3.3	1.5	0.8	0	
Cars +	46	181	17455	1001	0	1	1223	931	118	0	42	532	15648	515	0	0	1321	620	305	0	39939
% Cars +	100	91.9	96	96.1	0	50	94.4	97.6	95.9	0	97.7	94.8	95.7	90.8	0	0	96.8	97.6	95	0	95.8
Trucks	0	16	725	41	1	1	72	23	5	0	1	29	708	52	0	0	43	15	16	0	1748
% Trucks	0	8.1	4	3.9	100	50	5.6	2.4	4.1	0	2.3	5.2	4.3	9.2	0	0	3.2	2.4	5	0	4.2

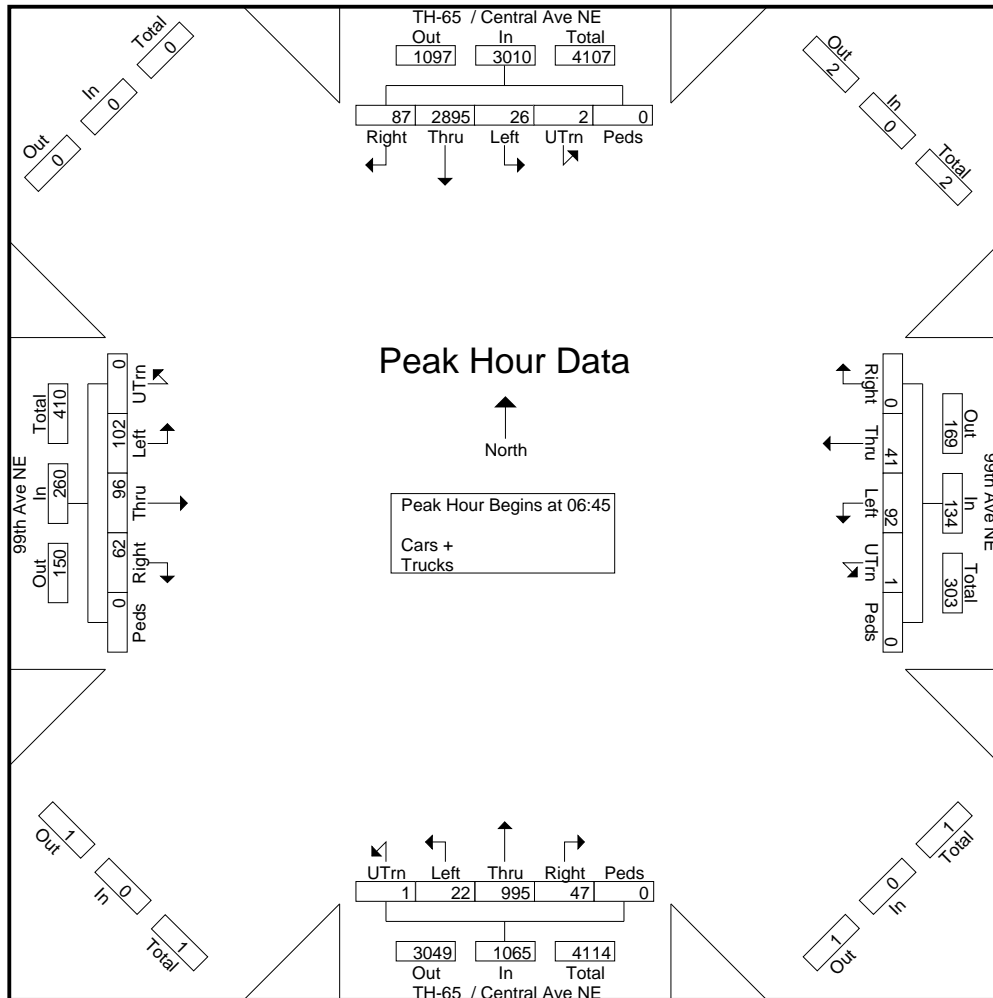
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TH-65 at 99th Ave NE
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TURN MOVEMENT COUNT

File Name : 14 - TH 65 & 99th Av, 10-25-11
Site Code : 14
Start Date : 10/25/2011
Page No : 2

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	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
06:45	0	5	740	16	0	761	0	20	7	0	0	27	0	8	242	18	0	268	0	37	27	8	0	72	1128
07:00	0	4	720	18	0	742	0	29	12	0	0	41	0	4	193	7	0	204	0	19	13	26	0	58	1045
07:15	1	7	749	31	0	788	0	24	4	0	0	28	0	2	298	10	0	310	0	24	32	8	0	64	1190
07:30	1	10	686	22	0	719	1	19	18	0	0	38	1	8	262	12	0	283	0	22	24	20	0	66	1106
Total Volume	2	26	2895	87	0	3010	1	92	41	0	0	134	1	22	995	47	0	1065	0	102	96	62	0	260	4469
% App. Total	0.1	0.9	96.2	2.9	0		0.7	68.7	30.6	0	0		0.1	2.1	93.4	4.4	0		0	39.2	36.9	23.8	0		
PHF	.500	.650	.966	.702	.000	.955	.250	.793	.569	.000	.000	.817	.250	.688	.835	.653	.000	.859	.000	.689	.750	.596	.000	.903	.939

Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 06:45



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Start Date : 10/25/2011
Page No : 3

Start Time	TH-65 / Central Ave NE Southbound						99th Ave NE Westbound						TH-65 / Central Ave NE Northbound						99th 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	1	400	39	0	440	1	75	60	10	0	146	0	9	645	10	0	664	0	51	28	5	0	84	1334
16:45	0	2	433	31	0	466	0	43	53	10	0	106	0	11	577	12	0	600	0	56	28	11	0	95	1267
17:00	0	3	422	23	0	448	0	51	61	4	0	116	0	25	603	14	0	642	0	58	30	8	0	96	1302
17:15	5	4	394	40	0	443	0	55	49	7	0	111	0	17	660	13	0	690	0	54	30	9	0	93	1337
Total Volume	5	10	1649	133	0	1797	1	224	223	31	0	479	0	62	2485	49	0	2596	0	219	116	33	0	368	5240
% App. Total	0.3	0.6	91.8	7.4	0		0.2	46.8	46.6	6.5	0		0	2.4	95.7	1.9	0		0	59.5	31.5	9	0		
PHF	.250	.625	.952	.831	.000	.964	.250	.747	.914	.775	.000	.820	.000	.620	.941	.875	.000	.941	.000	.944	.967	.750	.000	.958	.980

