

Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at TH-10, south ramps
Ref.Pt.: 010.960
data by Alliant Inc
TURN MOVEMENT COUNT

File Name : 11 - TH 65 & TH 10 South Ramp, 10-25-11
Site Code : 11
Start Date : 10/25/2011
Page No : 1

Groups Printed- Cars + - Trucks

Start Time	TH-65 / Central Ave NE Southbound					ramp to EB TH-10 Westbound					TH-65 / Central Ave NE Northbound					ramp from EB TH-10 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	0	320	291	0	0	0	0	0	0	0	0	34	11	0	0	62	0	39	0	757
06:15	0	0	367	350	0	0	0	0	0	0	0	0	72	12	0	0	75	0	80	0	956
06:30	0	0	449	264	1	0	0	0	0	0	0	0	113	18	0	0	112	0	107	0	1064
06:45	0	0	539	192	0	0	0	0	0	0	0	0	187	8	0	0	88	1	160	7	1182
Total	0	0	1675	1097	1	0	0	0	0	0	0	0	406	49	0	0	337	1	386	7	3959
07:00	0	0	619	155	0	0	0	0	0	0	0	0	135	9	0	1	84	0	126	0	1129
07:15	0	0	630	145	0	0	0	0	0	0	0	0	182	13	0	6	135	0	143	0	1254
07:30	0	0	606	114	0	0	0	0	0	0	0	0	233	15	0	2	122	2	189	0	1283
07:45	0	0	604	110	0	0	0	0	0	0	0	0	160	16	0	0	168	1	196	0	1255
Total	0	0	2459	524	0	0	0	0	0	0	0	0	710	53	0	9	509	3	654	0	4921
08:00	0	0	510	140	0	0	0	0	0	0	0	0	114	14	0	0	105	0	162	0	1045
08:15	0	0	490	144	0	0	0	0	0	0	0	0	240	18	0	1	82	0	99	0	1074
08:30	0	0	390	144	0	0	0	0	0	0	0	0	182	28	0	0	105	0	105	0	954
08:45	0	0	344	153	0	0	0	0	0	0	0	0	223	32	0	0	126	0	110	0	988
Total	0	0	1734	581	0	0	0	0	0	0	0	0	759	92	0	1	418	0	476	0	4061
09:00	0	0	303	104	0	0	0	0	0	0	0	0	177	17	0	0	136	0	71	0	808
09:15	0	0	316	142	0	0	0	0	0	0	0	0	225	25	0	0	106	0	66	0	880
Total	0	0	619	246	0	0	0	0	0	0	0	0	402	42	0	0	242	0	137	0	1688
10:30	0	0	258	91	0	0	0	0	0	0	0	0	215	12	0	0	128	0	60	0	764
10:45	0	0	280	69	0	0	0	0	0	0	0	0	206	17	0	0	138	0	72	0	782
Total	0	0	538	160	0	0	0	0	0	0	0	0	421	29	0	0	266	0	132	0	1546
11:00	0	0	286	75	0	0	0	0	0	0	0	0	241	17	0	0	100	0	61	0	780
11:15	0	0	290	85	0	0	0	0	0	0	0	0	270	20	0	0	99	0	59	0	823
11:30	0	0	288	100	0	0	0	0	0	0	0	0	285	23	0	0	118	0	58	0	872
11:45	0	0	307	66	0	0	0	0	0	0	0	0	281	36	0	0	125	2	67	0	884
Total	0	0	1171	326	0	0	0	0	0	0	0	0	1077	96	0	0	442	2	245	0	3359
12:00	0	0	308	102	0	0	0	0	0	0	1	0	341	31	0	0	137	0	59	0	979
12:15	0	0	325	93	0	0	0	0	0	0	0	0	222	20	0	0	162	0	42	0	864
12:30	0	0	328	85	0	0	0	0	0	0	0	0	323	18	0	0	138	0	58	0	950
12:45	0	0	275	98	0	0	0	0	0	0	0	0	353	30	0	0	122	0	67	0	945
Total	0	0	1236	378	0	0	0	0	0	0	1	0	1239	99	0	0	559	0	226	0	3738
13:00	0	0	298	93	0	0	0	0	0	0	0	0	317	34	0	0	135	0	61	1	939
13:15	0	0	267	88	0	0	0	0	0	0	0	0	333	25	0	1	141	0	54	0	909
Total	0	0	565	181	0	0	0	0	0	0	0	0	650	59	0	1	276	0	115	1	1848
14:30	0	0	316	115	0	0	0	0	0	0	0	0	430	34	0	0	182	0	67	0	1144
14:45	0	0	249	70	0	0	0	0	0	0	0	0	335	42	0	0	199	0	73	0	968
Total	0	0	565	185	0	0	0	0	0	0	0	0	765	76	0	0	381	0	140	0	2112
15:00	0	0	335	75	0	0	0	0	0	0	0	0	422	43	0	0	286	0	79	0	1240
15:15	0	0	287	86	0	0	0	0	0	0	0	0	444	44	0	0	200	0	79	0	1140
15:30	0	0	297	83	0	0	0	0	0	0	0	0	539	43	0	0	155	0	83	0	1200
15:45	0	0	278	120	0	0	0	0	0	0	0	0	402	48	0	0	317	0	74	0	1239
Total	0	0	1197	364	0	0	0	0	0	0	0	0	1807	178	0	0	958	0	315	0	4819
16:00	0	0	237	138	0	0	0	0	0	0	0	0	467	67	0	0	279	2	65	0	1255
16:15	0	0	313	67	0	0	0	0	0	0	0	0	450	39	0	0	294	0	76	0	1239
16:30	0	0	276	133	0	0	0	0	0	0	0	0	553	51	0	0	216	0	71	0	1300
16:45	0	0	266	129	0	0	0	0	0	0	0	0	442	46	0	0	313	0	88	0	1284
Total	0	0	1092	467	0	0	0	0	0	0	0	0	1912	203	0	0	1102	2	300	0	5078
17:00	0	0	259	95	0	0	0	0	0	0	0	0	492	51	0	0	268	1	89	0	1255
17:15	0	0	252	171	0	0	0	0	0	0	0	0	477	57	0	0	299	0	84	0	1340
17:30	0	0	226	93	0	0	0	0	0	0	0	0	424	35	0	0	217	0	97	1	1093
17:45	0	0	279	76	0	0	0	0	0	0	0	0	411	31	0	0	178	0	76	0	1051
Total	0	0	1016	435	0	0	0	0	0	0	0	0	1804	174	0	0	962	1	346	1	4739
Grand Total	0	0	13867	4944	1	0	0	0	0	0	1	0	11952	1150	0	11	6452	9	3472	9	41868
Approch %	0	0	73.7	26.3	0	0	0	0	0	0	0	0	91.2	8.8	0	0.1	64.8	0.1	34.9	0.1	
Total %	0	0	33.1	11.8	0	0	0	0	0	0	0	0	28.5	2.7	0	0	15.4	0	8.3	0	
Cars +	0	0	13358	4687	0	0	0	0	0	0	1	0	11541	1048	0	3	6119	9	3349	9	40124
% Cars +	0	0	96.3	94.8	0	0	0	0	0	0	100	0	96.6	91.1	0	27.3	94.8	100	96.5	100	95.8
Trucks	0	0	509	257	1	0	0	0	0	0	0	0	411	102	0	8	333	0	123	0	1744
% Trucks	0	0	3.7	5.2	100	0	0	0	0	0	0	0	3.4	8.9	0	72.7	5.2	0	3.5	0	4.2

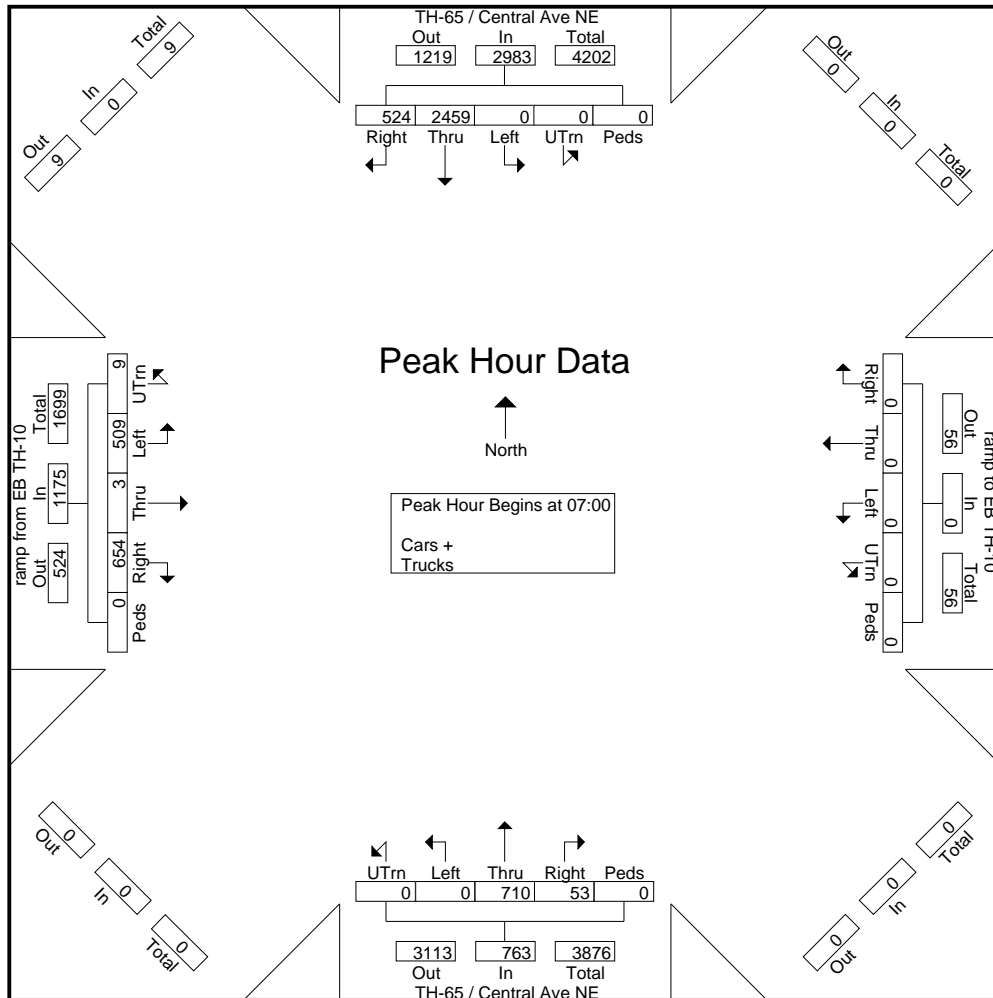
Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at TH-10, south ramps
Ref.Pt.: 010.960
data by Alliant Inc
TURN MOVEMENT COUNT

File Name : 11 - TH 65 & TH 10 South Ramp, 10-25-11
Site Code : 11
Start Date : 10/25/2011
Page No : 2

Start Time	TH-65 / Central Ave NE Southbound					ramp to EB TH-10 Westbound					TH-65 / Central Ave NE Northbound					ramp from EB TH-10 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
07:00	0	0	619	155	0	774	0	0	0	0	0	0	0	0	135	9	0	144	1	84	0	126	0	211	1129
07:15	0	0	630	145	0	775	0	0	0	0	0	0	0	0	182	13	0	195	6	135	0	143	0	284	1254
07:30	0	0	606	114	0	720	0	0	0	0	0	0	0	0	233	15	0	248	2	122	2	189	0	315	1283
07:45	0	0	604	110	0	714	0	0	0	0	0	0	0	0	160	16	0	176	0	168	1	196	0	365	1255
Total Volume	0	0	2459	524	0	2983	0	0	0	0	0	0	0	0	710	53	0	763	9	509	3	654	0	1175	4921
% App. Total	0	0	82.4	17.6	0		0	0	0	0	0		0	0	93.1	6.9	0		0.8	43.3	0.3	55.7	0		
PHF	.000	.000	.976	.845	.000	.962	.000	.000	.000	.000	.000	.000	.000	.000	.762	.828	.000	.769	.375	.757	.375	.834	.000	.805	.959

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



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 Site Code : 11
 Start Date : 10/25/2011
 Page No : 3

Start Time	TH-65 / Central Ave NE Southbound						ramp to EB TH-10 Westbound						TH-65 / Central Ave NE Northbound						ramp from EB TH-10 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	0	276	133	0	409	0	0	0	0	0	0	0	0	553	51	0	604	0	216	0	71	0	287	1300
16:45	0	0	266	129	0	395	0	0	0	0	0	0	0	0	442	46	0	488	0	313	0	88	0	401	1284
17:00	0	0	259	95	0	354	0	0	0	0	0	0	0	0	492	51	0	543	0	268	1	89	0	358	1255
17:15	0	0	252	171	0	423	0	0	0	0	0	0	0	0	477	57	0	534	0	299	0	84	0	383	1340
Total Volume	0	0	1053	528	0	1581	0	0	0	0	0	0	0	0	1964	205	0	2169	0	1096	1	332	0	1429	5179
% App. Total	0	0	66.6	33.4	0		0	0	0	0	0		0	0	90.5	9.5	0		0	76.7	0.1	23.2	0		
PHF	.000	.000	.954	.772	.000	.934	.000	.000	.000	.000	.000	.000	.000	.000	.888	.899	.000	.898	.000	.875	.250	.933	.000	.891	.966

