

Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at Medtronic Pkwy / Central Ave NE Name : 3 - TH 65 & Medtronic Pkwy-Central Av, 10-25-11
 ref.pt.: 006.636 Site Code : 3
 data by Alliant Inc Start Date : 10/25/2011
 TURN MOVEMENT COUNT Page No : 1

Groups Printed- Cars + - Trucks

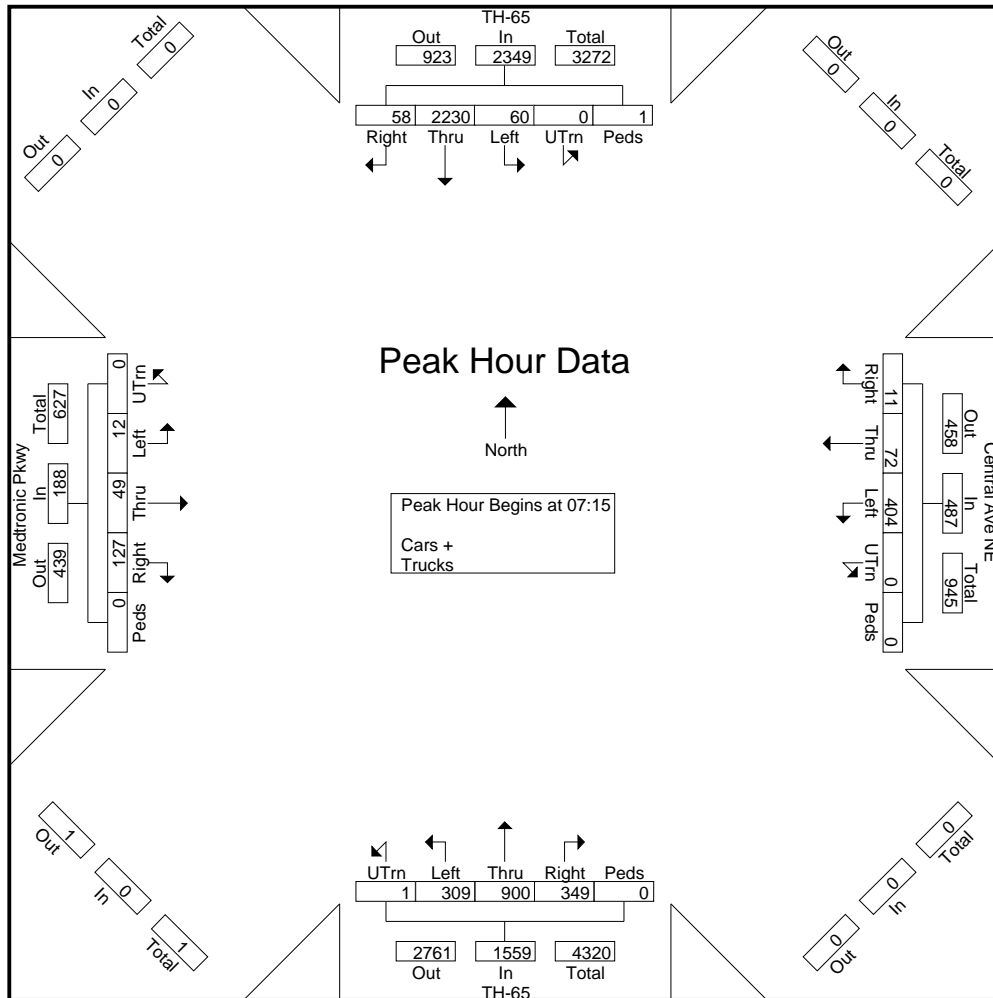
Start Time	TH-65 Southbound					Central Ave NE Westbound					TH-65 Northbound					Medtronic Pkwy Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
06:00	0	2	273	4	0	0	46	6	5	0	0	1	67	26	0	0	2	3	7	0	442
06:15	0	2	398	4	0	0	48	3	2	0	0	7	112	44	1	0	1	2	6	2	632
06:30	0	7	511	7	0	0	66	6	2	0	0	9	140	41	0	0	1	1	13	0	804
06:45	0	7	526	6	0	0	68	11	3	0	0	19	189	77	0	0	1	3	14	0	924
Total	0	18	1708	21	0	0	228	26	12	0	0	36	508	188	1	0	5	9	40	2	2802
07:00	1	43	501	8	0	0	79	15	6	0	0	33	138	105	0	0	3	5	18	0	955
07:15	0	17	610	9	0	0	98	12	5	0	0	70	200	89	0	0	2	9	19	0	1140
07:30	0	21	528	16	1	0	98	19	3	0	1	75	188	92	0	0	3	11	21	0	1077
07:45	0	14	622	28	0	0	107	21	1	0	0	89	282	115	0	0	3	19	42	0	1343
Total	1	95	2261	61	1	0	382	67	15	0	1	267	808	401	0	0	11	44	100	0	4515
08:00	0	8	470	5	0	0	101	20	2	0	0	75	230	53	0	0	4	10	45	0	1023
08:15	0	9	420	30	0	0	56	10	4	0	0	72	208	85	0	0	6	8	17	0	925
08:30	0	9	318	12	0	0	60	10	7	0	0	34	192	55	0	0	4	10	12	0	723
08:45	0	3	307	8	3	0	66	7	4	0	0	50	222	56	0	0	5	5	10	0	746
Total	0	29	1515	55	3	0	283	47	17	0	0	231	852	249	0	0	19	33	84	0	3417
09:00	0	4	314	4	0	0	35	6	4	0	0	31	208	60	0	0	3	6	9	0	684
09:15	0	4	217	2	1	0	61	8	5	0	0	12	212	39	0	0	4	4	13	0	582
Total	0	8	531	6	1	0	96	14	9	0	0	43	420	99	0	0	7	10	22	0	1266
10:30	0	4	223	4	0	0	42	0	9	0	0	9	227	40	0	0	8	7	12	0	585
10:45	0	1	177	0	0	1	69	11	5	0	0	11	187	43	0	0	6	8	9	0	528
Total	0	5	400	4	0	1	111	11	14	0	0	20	414	83	0	0	14	15	21	0	1113
11:00	0	6	196	2	0	0	52	5	6	0	1	9	212	48	0	0	3	5	23	0	568
11:15	1	7	233	4	0	0	63	13	5	0	0	17	190	48	0	0	9	8	17	0	615
11:30	0	9	210	4	1	11	60	12	4	0	0	13	230	59	0	0	9	14	27	0	663
11:45	0	5	239	2	0	0	52	9	7	0	0	9	216	58	0	0	4	5	22	0	628
Total	1	27	878	12	1	11	227	39	22	0	1	48	848	213	0	0	25	32	89	0	2474
12:00	0	8	264	3	1	0	59	7	3	0	0	14	222	64	0	0	7	8	14	0	674
12:15	0	9	253	8	0	1	36	3	8	0	1	11	227	78	0	0	7	10	13	0	665
12:30	0	6	230	6	0	0	61	9	8	0	1	19	305	58	0	0	8	7	16	0	734
12:45	0	6	284	2	1	0	64	10	12	0	0	19	259	76	0	0	6	15	23	0	777
Total	0	29	1031	19	2	1	220	29	31	0	2	63	1013	276	0	0	28	40	66	0	2850
13:00	0	6	204	3	1	0	55	18	3	0	0	21	253	60	0	0	4	7	23	0	658
13:15	0	10	240	4	0	0	82	4	7	0	0	14	232	52	0	0	3	9	19	0	676
Total	0	16	444	7	1	0	137	22	10	0	0	35	485	112	0	0	7	16	42	0	1334
14:30	0	6	239	5	0	13	82	6	11	0	0	8	342	73	0	0	4	7	30	0	826
14:45	0	12	239	2	0	0	67	10	6	0	3	19	399	72	0	0	5	3	19	0	856
Total	0	18	478	7	0	13	149	16	17	0	3	27	741	145	0	0	9	10	49	0	1682
15:00	0	7	250	3	2	0	92	13	6	0	0	17	389	82	0	0	11	17	43	0	932
15:15	0	10	250	5	0	0	89	8	12	0	0	20	439	108	0	0	9	19	39	0	1008
15:30	0	20	293	3	4	0	132	15	14	0	0	10	491	103	0	0	8	8	39	0	1140
15:45	0	19	251	6	1	0	101	7	13	0	0	19	514	106	0	0	7	17	30	0	1091
Total	0	56	1044	17	7	0	414	43	45	0	0	66	1833	399	0	0	35	61	151	0	4171
16:00	0	7	270	5	6	0	90	2	8	0	1	14	591	99	0	0	9	16	58	0	1176
16:15	0	11	350	5	0	0	104	9	6	0	0	11	517	90	0	0	19	10	34	0	1166
16:30	0	5	262	5	0	0	157	11	9	0	0	12	648	84	0	0	19	16	60	0	1288
16:45	0	12	276	7	0	0	131	7	11	0	0	16	495	108	0	0	9	14	47	0	1133
Total	0	35	1158	22	6	0	482	29	34	0	1	53	2251	381	0	0	56	56	199	0	4763
17:00	0	13	271	2	0	0	111	7	7	0	0	14	584	94	0	0	28	21	74	0	1226
17:15	0	8	222	4	0	0	91	10	3	0	0	20	640	96	0	0	20	16	78	0	1208
17:30	0	8	250	5	2	0	121	9	10	0	0	16	453	102	0	0	12	15	50	0	1053
17:45	0	19	244	5	0	0	108	10	14	0	0	13	507	98	0	0	13	15	44	0	1090
Total	0	48	987	16	2	0	431	36	34	0	0	63	2184	390	0	0	73	67	246	0	4577
Grand Total	2	384	12435	247	24	26	3160	379	260	0	8	952	12357	2936	1	0	289	393	1109	2	34964
Approch %	0	2.9	95	1.9	0.2	0.7	82.6	9.9	6.8	0	0	5.9	76	18.1	0	0	16.1	21.9	61.9	0.1	
Total %	0	1.1	35.6	0.7	0.1	0.1	9	1.1	0.7	0	0	2.7	35.3	8.4	0	0	0.8	1.1	3.2	0	
Cars +	1	375	11926	241	21	22	3076	362	250	0	8	941	11922	2840	1	0	282	371	1087	1	33727
% Cars +	50	97.7	95.9	97.6	87.5	84.6	97.3	95.5	96.2	0	100	98.8	96.5	96.7	100	0	97.6	94.4	98	50	96.5
Trucks	1	9	509	6	3	4	84	17	10	0	0	11	435	96	0	0	7	22	22	1	1237
% Trucks	50	2.3	4.1	2.4	12.5	15.4	2.7	4.5	3.8	0	0	1.2	3.5	3.3	0	0	2.4	5.6	2	50	3.5

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 TURN MOVEMENT COUNT Page No : 2

Start Time	TH-65 Southbound					Central Ave NE Westbound					TH-65 Northbound					Medtronic Pkwy 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
07:15	0	17	610	9	0	636	0	98	12	5	0	115	0	70	200	89	0	359	0	2	9	19	0	30	1140
07:30	0	21	528	16	1	566	0	98	19	3	0	120	1	75	188	92	0	356	0	3	11	21	0	35	1077
07:45	0	14	622	28	0	664	0	107	21	1	0	129	0	89	282	115	0	486	0	3	19	42	0	64	1343
08:00	0	8	470	5	0	483	0	101	20	2	0	123	0	75	230	53	0	358	0	4	10	45	0	59	1023
Total Volume	0	60	2230	58	1	2349	0	404	72	11	0	487	1	309	900	349	0	1559	0	12	49	127	0	188	4583
% App. Total	0	2.6	94.9	2.5	0		0	83	14.8	2.3	0		0.1	19.8	57.7	22.4	0		0	6.4	26.1	67.6	0		
PHF	.000	.714	.896	.518	.250	.884	.000	.944	.857	.550	.000	.944	.250	.868	.798	.759	.000	.802	.000	.750	.645	.706	.000	.734	.853

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



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 TURN MOVEMENT COUNT Page No : 3

Start Time	TH-65 Southbound						Central Ave NE Westbound						TH-65 Northbound						Medtronic Pkwy 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	5	262	5	0	272	0	157	11	9	0	177	0	12	648	84	0	744	0	19	16	60	0	95	1288
16:45	0	12	276	7	0	295	0	131	7	11	0	149	0	16	495	108	0	619	0	9	14	47	0	70	1133
17:00	0	13	271	2	0	286	0	111	7	7	0	125	0	14	584	94	0	692	0	28	21	74	0	123	1226
17:15	0	8	222	4	0	234	0	91	10	3	0	104	0	20	640	96	0	756	0	20	16	78	0	114	1208
Total Volume	0	38	1031	18	0	1087	0	490	35	30	0	555	0	62	2367	382	0	2811	0	76	67	259	0	402	4855
% App. Total	0	3.5	94.8	1.7	0		0	88.3	6.3	5.4	0		0	2.2	84.2	13.6	0		0	18.9	16.7	64.4	0		
PHF	.000	.731	.934	.643	.000	.921	.000	.780	.795	.682	.000	.784	.000	.775	.913	.884	.000	.930	.000	.679	.798	.830	.000	.817	.942

