

# Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at Medtronic Pkwy / Central Ave NE  
Ref.Pt.: 006.636 FRIDLEY  
data by Alliant Engineering Inc  
TURN MOVEMENT COUNT

File Name : TH-65 at Medtronic Pkwy-Central Ave 2009  
Site Code : 00000003  
Start Date : 1/6/2009  
Page No : 1

### Groups Printed- Unshifted

Start Time	TH-65 / Central Ave Southbound				Central Ave NE Westbound				TH-65 / Central Ave Northbound				Medtronic Pkwy Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	5	249	2	0	51	2	5	0	7	85	20	0	0	0	2	0	428
06:15	3	285	2	0	49	3	1	0	10	111	36	0	2	2	0	0	504
06:30	9	379	4	0	83	4	4	0	7	181	66	0	2	7	0	0	746
06:45	15	350	6	0	67	5	3	0	26	174	68	0	0	8	0	0	722
Total	32	1263	14	0	250	14	13	0	50	551	190	0	4	17	2	0	2400
07:00	43	347	1	0	96	21	2	0	31	199	119	0	1	10	2	0	872
07:15	43	414	3	0	94	17	2	0	28	184	101	0	4	3	0	0	893
07:30	20	435	17	0	99	31	10	0	30	206	77	0	5	8	0	0	938
07:45	21	378	23	0	92	30	5	0	100	179	87	0	5	10	0	0	930
Total	127	1574	44	0	381	99	19	0	189	768	384	0	15	31	2	0	3633
08:00	12	299	16	0	87	28	2	1	71	189	76	0	11	8	0	0	800
08:15	4	282	16	0	71	6	3	0	56	173	62	0	3	5	0	0	681
08:30	14	306	8	0	82	12	6	0	37	185	50	0	2	7	0	0	709
08:45	13	223	8	0	59	5	3	0	26	222	49	0	7	5	0	0	620
Total	43	1110	48	0	299	51	14	1	190	769	237	0	23	25	0	0	2810
09:00	11	229	2	0	74	5	7	0	10	167	54	0	2	4	0	0	565
09:15	10	186	2	0	35	6	4	0	10	202	52	0	3	6	1	0	517
*** BREAK ***																	
Total	21	415	4	0	109	11	11	0	20	369	106	0	5	10	1	0	1082
*** BREAK ***																	
10:30	14	197	2	0	49	7	4	0	5	165	34	0	1	5	3	0	486
10:45	2	204	2	0	49	3	5	0	5	208	41	0	2	2	7	0	530
Total	16	401	4	0	98	10	9	0	10	373	75	0	3	7	10	0	1016
11:00	4	190	3	0	52	7	4	0	8	161	40	0	3	4	6	0	482
11:15	6	167	5	0	52	6	3	0	13	217	23	0	3	5	6	0	506
11:30	4	183	6	0	60	7	3	0	7	225	37	0	8	7	6	0	553
11:45	10	203	1	0	54	5	5	0	6	164	47	0	3	8	4	0	510
Total	24	743	15	0	218	25	15	0	34	767	147	0	17	24	22	0	2051
12:00	10	194	4	0	63	7	3	0	14	206	44	0	5	7	5	0	562
12:15	4	214	2	0	48	8	4	0	10	236	58	0	1	5	3	0	593
12:30	10	240	5	0	55	6	4	0	3	220	36	0	6	5	2	0	592
12:45	4	227	4	0	48	10	4	0	10	229	47	0	3	5	4	0	595
Total	28	875	15	0	214	31	15	0	37	891	185	0	15	22	14	0	2342
13:00	7	181	5	0	50	10	5	0	21	198	55	0	7	13	4	0	556
13:15	11	203	5	0	60	8	5	0	10	222	40	0	2	9	5	0	580
*** BREAK ***																	
Total	18	384	10	0	110	18	10	0	31	420	95	0	9	22	9	0	1136
*** BREAK ***																	
14:30	6	262	2	0	73	12	5	0	13	296	47	0	3	3	9	5	736
14:45	15	225	2	0	59	10	3	0	18	345	67	0	4	10	5	0	763
Total	21	487	4	0	132	22	8	0	31	641	114	0	7	13	14	5	1499
15:00	13	264	2	0	94	7	3	0	24	319	66	0	9	14	6	0	821
15:15	14	220	3	1	88	14	1	0	16	411	81	0	2	16	3	0	870
15:30	5	233	5	0	103	6	3	0	11	394	69	0	9	9	15	0	862
15:45	18	213	6	0	75	10	5	0	23	436	101	0	8	13	13	0	921
Total	50	930	16	1	360	37	12	0	74	1560	317	0	28	52	37	0	3474

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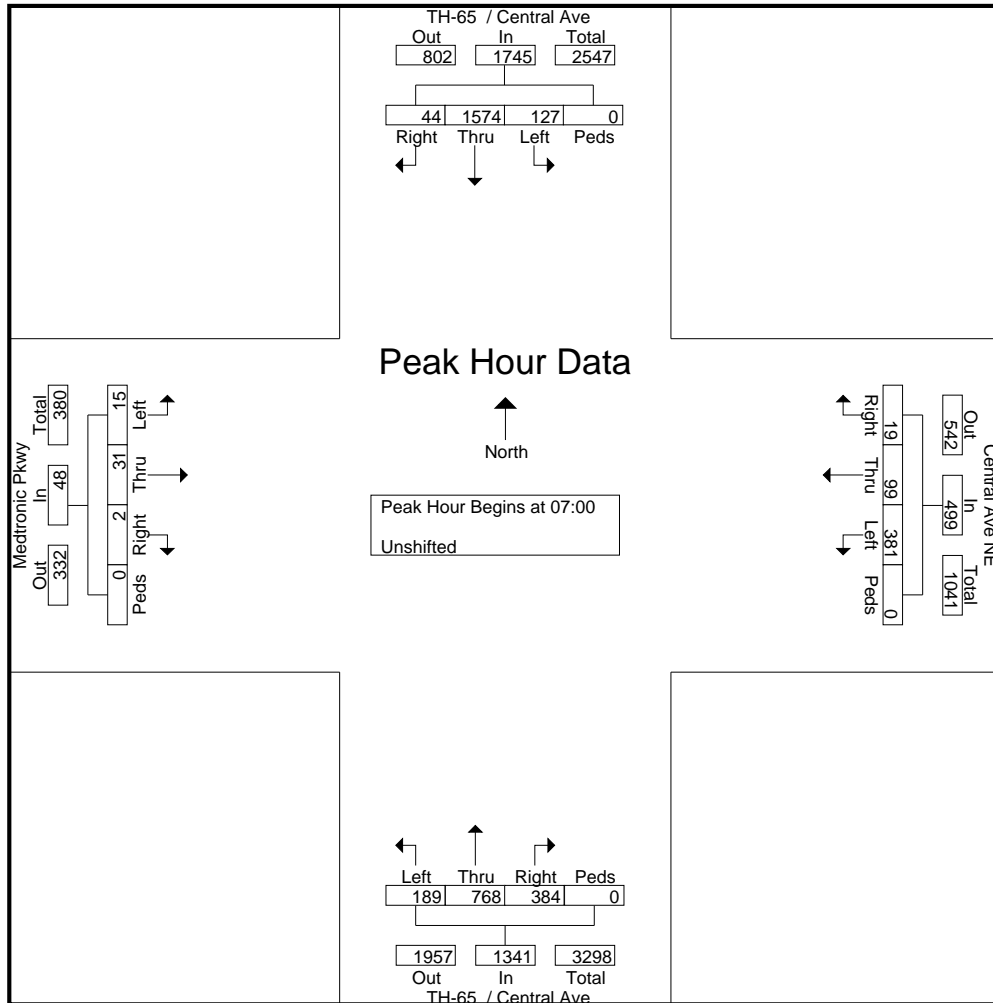
Start Time	TH-65 / Central Ave Southbound				Central Ave NE Westbound				TH-65 / Central Ave Northbound				Medtronic Pkwy Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	12	240	1	0	57	14	2	0	13	457	113	0	5	17	15	0	946
16:15	12	226	5	0	90	13	7	0	20	382	93	0	12	16	12	0	888
16:30	5	240	4	0	97	8	3	0	13	456	85	0	12	14	42	0	979
16:45	12	233	2	0	111	13	4	0	13	510	94	0	17	19	26	0	1054
Total	41	939	12	0	355	48	16	0	59	1805	385	0	46	66	95	0	3867
17:00	9	243	2	0	84	10	8	0	8	534	96	0	16	27	52	0	1089
17:15	14	234	2	0	102	5	3	0	26	477	103	0	14	18	35	0	1033
17:30	10	211	2	0	84	10	3	0	19	409	88	0	10	19	23	0	888
17:45	8	217	1	0	88	12	0	0	5	440	105	0	8	23	25	0	932
Total	41	905	7	0	358	37	14	0	58	1860	392	0	48	87	135	0	3942
Grand Total	462	10026	193	1	2884	403	156	1	783	10774	2627	0	220	376	341	5	29252
Apprch %	4.3	93.9	1.8	0	83.7	11.7	4.5	0	5.5	76	18.5	0	23.4	39.9	36.2	0.5	
Total %	1.6	34.3	0.7	0	9.9	1.4	0.5	0	2.7	36.8	9	0	0.8	1.3	1.2	0	

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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 07:00																					
07:00	43	347	1	0	391	96	21	2	0	119	31	199	119	0	349	1	10	2	0	13	872
07:15	43	414	3	0	460	94	17	2	0	113	28	184	101	0	313	4	3	0	0	7	893
07:30	20	435	17	0	472	99	31	10	0	140	30	206	77	0	313	5	8	0	0	13	938
07:45	21	378	23	0	422	92	30	5	0	127	100	179	87	0	366	5	10	0	0	15	930
Total Volume	127	1574	44	0	1745	381	99	19	0	499	189	768	384	0	1341	15	31	2	0	48	3633
% App. Total	7.3	90.2	2.5	0		76.4	19.8	3.8	0		14.1	57.3	28.6	0		31.2	64.6	4.2	0		
PHF	.738	.905	.478	.000	.924	.962	.798	.475	.000	.891	.473	.932	.807	.000	.916	.750	.775	.250	.000	.800	.968



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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	5	240	4	0	249	97	8	3	0	108	13	456	85	0	554	12	14	42	0	68	979
16:45	12	233	2	0	247	111	13	4	0	128	13	510	94	0	617	17	19	26	0	62	1054
17:00	9	243	2	0	254	84	10	8	0	102	8	534	96	0	638	16	27	52	0	95	1089
17:15	14	234	2	0	250	102	5	3	0	110	26	477	103	0	606	14	18	35	0	67	1033
Total Volume	40	950	10	0	1000	394	36	18	0	448	60	1977	378	0	2415	59	78	155	0	292	4155
% App. Total	4	95	1	0		87.9	8	4	0		2.5	81.9	15.7	0		20.2	26.7	53.1	0		
PHF	.714	.977	.625	.000	.984	.887	.692	.563	.000	.875	.577	.926	.917	.000	.946	.868	.722	.745	.000	.768	.954

