

Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at 105th Ave NE BLAINE
 Ref.Pt.: 012.917
 data collected by: Alliant Engineering
 TURN MOVEMENT COUNT

File Name : TH-65 at 105th Ave NE
 Site Code : 00000015
 Start Date : 1/13/2009
 Page No : 1

Groups Printed- Unshifted

Start Time	TH-65 Southbound				105th Ave NE Westbound				TH-65 Northbound				104th Way NE / commercial entrance Eastbound				Int. Total	
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds		
06:00	21	399	0	0	28	0	1	0	0	50	14	0	0	0	0	0	0	513
06:15	3	419	0	0	41	0	2	0	0	89	11	0	0	0	0	0	0	565
06:30	7	468	0	0	49	0	1	0	0	114	18	0	0	0	0	0	0	657
06:45	14	322	0	0	38	0	3	0	0	104	20	0	0	0	0	0	0	501
Total	45	1608	0	0	156	0	7	0	0	357	63	0	0	0	0	0	0	2236
07:00	5	358	0	0	62	0	1	0	0	110	17	0	0	0	0	0	0	553
07:15	8	314	0	0	79	0	1	0	0	126	8	0	0	0	0	0	0	536
07:30	7	312	0	0	66	0	4	0	1	136	25	0	0	0	0	0	0	551
07:45	12	359	0	0	81	0	8	0	0	155	20	0	0	0	0	0	0	635
Total	32	1343	0	0	288	0	14	0	1	527	70	0	0	0	0	0	0	2275
08:00	6	325	0	0	75	0	9	0	0	142	23	0	0	0	0	0	0	580
08:15	12	328	0	0	102	0	2	0	0	127	13	0	0	0	0	0	0	584
08:30	23	352	0	0	57	0	8	0	0	154	10	0	0	0	0	0	0	604
08:45	15	325	0	0	39	0	3	0	0	164	18	0	0	0	0	0	0	564
Total	56	1330	0	0	273	0	22	0	0	587	64	0	0	0	0	0	0	2332
09:00	33	319	0	0	45	0	2	0	0	152	14	0	0	0	0	0	0	565
09:15	23	312	0	0	31	0	4	0	0	158	15	0	0	0	0	0	0	543
*** BREAK ***																		
Total	56	631	0	0	76	0	6	0	0	310	29	0	0	0	0	0	0	1108
*** BREAK ***																		
10:45	25	187	1	0	26	6	4	0	11	169	9	1	8	2	4	0	0	453
Total	25	187	1	0	26	6	4	0	11	169	9	1	8	2	4	0	0	453
11:00	19	167	2	0	30	0	12	0	8	212	28	0	5	8	3	0	0	494
11:15	27	212	2	0	34	0	9	0	10	212	16	0	5	2	2	0	0	531
11:30	23	209	1	0	39	4	6	0	14	184	17	0	2	6	4	0	0	509
11:45	28	200	1	0	26	1	8	0	11	221	19	0	6	1	4	0	0	526
Total	97	788	6	0	129	5	35	0	43	829	80	0	18	17	13	0	0	2060
12:00	22	180	1	0	40	2	12	0	21	209	21	0	1	4	0	0	0	513
12:15	39	255	2	0	28	3	5	0	13	255	23	0	3	4	3	0	0	633
12:30	38	218	1	0	42	3	18	0	17	244	17	0	1	2	7	0	0	608
12:45	43	230	1	0	40	8	12	0	22	251	30	0	9	8	6	0	0	660
Total	142	883	5	0	150	16	47	0	73	959	91	0	14	18	16	0	0	2414
13:00	16	194	2	0	41	4	13	0	12	228	17	0	4	5	8	0	0	544
13:15	38	218	2	0	34	3	13	0	18	213	27	0	3	5	8	0	0	582
*** BREAK ***																		
Total	54	412	4	0	75	7	26	0	30	441	44	0	7	10	16	0	0	1126
*** BREAK ***																		
14:30	37	240	0	0	43	3	8	0	15	396	18	1	9	3	6	0	0	779
14:45	27	225	2	0	49	3	12	0	25	414	31	0	6	7	8	0	0	809
Total	64	465	2	0	92	6	20	0	40	810	49	1	15	10	14	0	0	1588
15:00	37	214	1	0	48	1	9	0	22	450	32	0	7	1	8	0	0	830
15:15	30	219	5	0	48	1	13	0	16	479	18	0	4	4	6	0	0	843
15:30	21	198	1	0	48	3	16	0	17	467	17	0	10	3	3	0	0	804
15:45	33	219	2	0	40	2	21	0	22	489	24	0	3	6	3	0	0	864
Total	121	850	9	0	184	7	59	0	77	1885	91	0	24	14	20	0	0	3341

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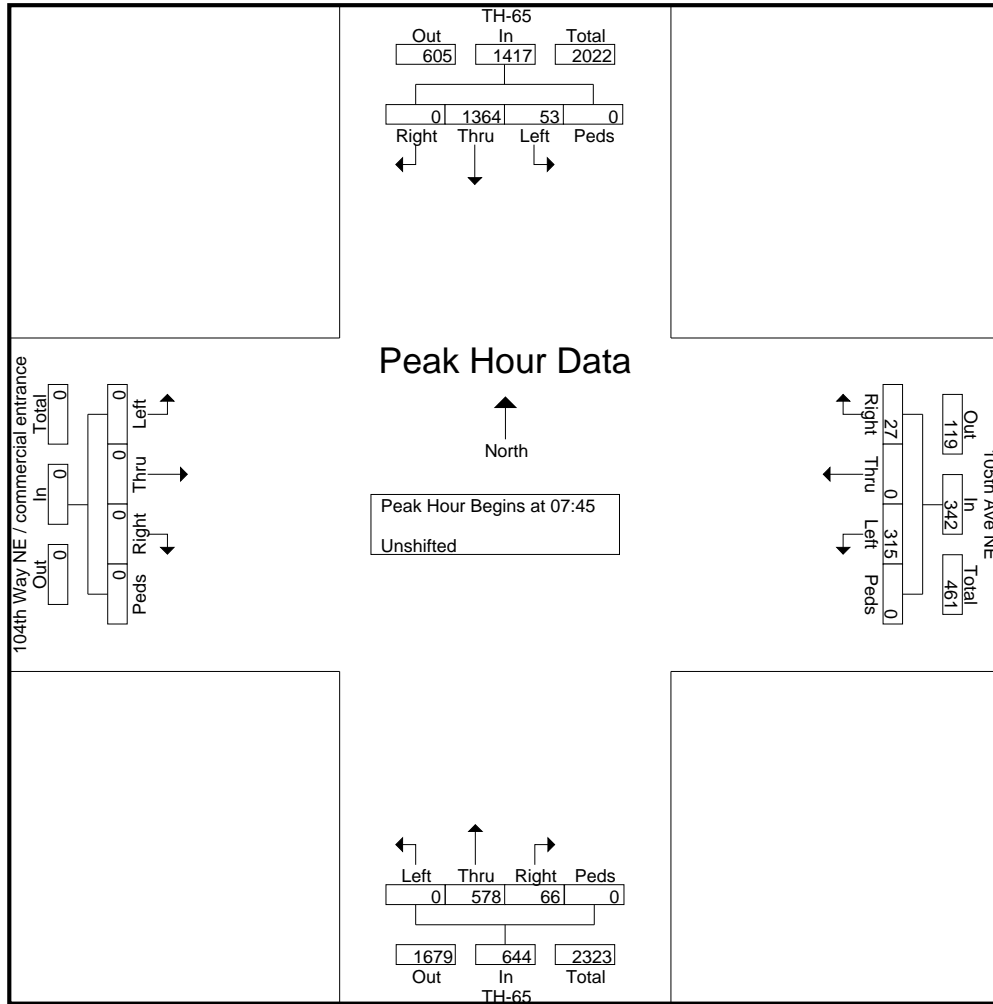
Start Time	TH-65 Southbound				105th Ave NE Westbound				TH-65 Northbound				104th Way NE / commercial entrance Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	29	181	3	0	39	4	24	0	13	489	31	0	3	6	5	0	827
16:15	20	206	1	0	61	4	39	0	14	501	28	0	6	5	1	0	886
16:30	32	218	3	0	45	5	17	0	22	462	18	0	15	10	8	0	855
16:45	35	256	1	0	62	3	33	0	6	536	33	1	17	3	5	0	991
Total	116	861	8	0	207	16	113	0	55	1988	110	1	41	24	19	0	3559
17:00	39	248	1	0	61	3	18	0	13	507	35	1	15	7	9	0	957
17:15	37	261	2	0	55	5	15	0	15	504	28	0	10	13	13	0	958
17:30	35	249	1	0	39	2	21	0	6	505	28	0	4	2	12	0	904
17:45	55	226	0	0	55	2	11	0	11	530	10	0	10	6	8	0	924
Total	166	984	4	0	210	12	65	0	45	2046	101	1	39	28	42	0	3743
Grand Total	974	10342	39	0	1866	75	418	0	375	10908	801	4	166	123	144	0	26235
Apprch %	8.6	91.1	0.3	0	79.1	3.2	17.7	0	3.1	90.2	6.6	0	38.3	28.4	33.3	0	
Total %	3.7	39.4	0.1	0	7.1	0.3	1.6	0	1.4	41.6	3.1	0	0.6	0.5	0.5	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 09:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45																					
07:45	12	359	0	0	371	81	0	8	0	89	0	155	20	0	175	0	0	0	0	0	635
08:00	6	325	0	0	331	75	0	9	0	84	0	142	23	0	165	0	0	0	0	0	580
08:15	12	328	0	0	340	102	0	2	0	104	0	127	13	0	140	0	0	0	0	0	584
08:30	23	352	0	0	375	57	0	8	0	65	0	154	10	0	164	0	0	0	0	0	604
Total Volume	53	1364	0	0	1417	315	0	27	0	342	0	578	66	0	644	0	0	0	0	0	2403
% App. Total	3.7	96.3	0	0		92.1	0	7.9	0		0	89.8	10.2	0		0	0	0	0	0	
PHF	.576	.950	.000	.000	.945	.772	.000	.750	.000	.822	.000	.932	.717	.000	.920	.000	.000	.000	.000	.000	.946



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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 16:45																					
16:45	35	256	1	0	292	62	3	33	0	98	6	536	33	1	576	17	3	5	0	25	991
17:00	39	248	1	0	288	61	3	18	0	82	13	507	35	1	556	15	7	9	0	31	957
17:15	37	261	2	0	300	55	5	15	0	75	15	504	28	0	547	10	13	13	0	36	958
17:30	35	249	1	0	285	39	2	21	0	62	6	505	28	0	539	4	2	12	0	18	904
Total Volume	146	1014	5	0	1165	217	13	87	0	317	40	2052	124	2	2218	46	25	39	0	110	3810
% App. Total	12.5	87	0.4	0		68.5	4.1	27.4	0		1.8	92.5	5.6	0.1		41.8	22.7	35.5	0		
PHF	.936	.971	.625	.000	.971	.875	.650	.659	.000	.809	.667	.957	.886	.500	.963	.676	.481	.750	.000	.764	.961

