

Alliant Engineering Inc Minneapolis, MN 55415

TH-252 at 81st Ave / Humboldt Ave
 Ref.Pt.: 002.694
 Data by: Alliant Inc
 TURN MOVEMENT COUNT

File Name : 5 - TH 252 & 81st Ave-Humboldt
 Site Code : 5
 Start Date : 2/27/2013
 Page No : 1

Groups Printed- Cars

Start Time	TH 252 Southbound					81st Ave Westbound					TH 252 Northbound					Humboldt Ave Eastbound					Int. Total
	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	
05:30	29	605	0	0	0	1	1	7	0	0	2	103	0	0	0	8	0	13	0	0	769
05:45	23	444	0	0	0	3	2	3	0	0	0	110	1	0	0	3	0	7	0	0	596
Total	52	1049	0	0	0	4	3	10	0	0	2	213	1	0	0	11	0	20	0	0	1365
06:00	24	549	1	0	0	3	2	11	0	0	2	156	1	0	0	5	0	9	0	0	763
06:15	30	774	1	0	0	3	4	9	0	0	1	133	3	0	0	6	0	22	0	0	986
06:30	45	775	0	0	0	2	7	10	0	0	4	183	2	0	0	4	4	20	0	0	1056
06:45	45	785	2	0	0	6	6	16	0	0	4	230	2	0	0	8	2	14	0	0	1120
Total	144	2883	4	0	0	14	19	46	0	0	11	702	8	0	0	23	6	65	0	0	3925
07:00	44	714	0	0	0	1	7	16	0	0	2	206	1	0	0	3	2	21	0	0	1017
07:15	56	778	1	0	0	5	6	5	0	0	0	245	0	0	0	8	2	23	0	0	1129
07:30	65	782	0	0	0	2	10	13	0	0	2	328	1	0	0	6	2	32	0	0	1243
07:45	70	765	1	0	0	3	1	2	0	0	1	333	0	0	0	4	2	36	0	0	1218
Total	235	3039	2	0	0	11	24	36	0	0	5	1112	2	0	0	21	8	112	0	0	4607
08:00	53	791	3	0	0	6	8	4	0	0	1	263	2	0	0	5	1	30	0	0	1167
08:15	38	717	3	0	0	2	5	9	0	0	0	292	2	0	0	7	1	18	0	0	1094
08:30	25	693	2	0	0	4	4	8	0	0	1	252	3	0	0	5	5	21	0	0	1023
08:45	24	576	0	0	0	4	3	6	0	0	2	252	3	0	0	11	3	29	0	0	913
Total	140	2777	8	0	0	16	20	27	0	0	4	1059	10	0	0	28	10	98	0	0	4197
09:00	16	538	4	0	0	4	7	7	0	0	4	218	1	0	0	9	3	21	0	0	832
09:15	23	524	3	0	0	3	3	3	0	0	4	283	3	0	0	9	2	20	0	0	880
*****BREAK*****																					
Total	39	1062	7	0	0	7	10	10	0	0	8	501	4	0	0	18	5	41	0	0	1712
*****BREAK*****																					
10:30	10	288	4	0	0	6	1	3	0	0	5	215	2	0	0	8	0	27	0	0	569
10:45	25	345	0	0	0	4	2	2	0	0	4	219	0	0	0	6	3	18	0	0	628
Total	35	633	4	0	0	10	3	5	0	0	9	434	2	0	0	14	3	45	0	0	1197
11:00	24	279	4	0	0	4	0	2	0	0	3	187	2	0	0	2	3	26	0	0	536
11:15	15	339	2	0	0	2	2	4	0	0	0	226	2	0	0	9	4	23	0	0	628
11:30	33	307	1	0	0	2	3	5	0	0	6	254	1	0	0	0	2	18	0	0	632
11:45	22	309	5	0	0	4	3	4	0	0	3	314	6	0	0	1	4	20	0	0	695
Total	94	1234	12	0	0	12	8	15	0	0	12	981	11	0	0	12	13	87	0	0	2491
12:00	24	278	2	0	0	5	2	2	0	0	5	276	3	0	0	3	9	24	0	0	633
12:15	24	369	6	0	0	4	3	2	0	0	6	314	5	0	0	7	3	22	0	0	765
12:30	21	271	4	0	0	3	4	9	0	0	5	323	3	0	0	4	6	23	0	0	676
12:45	28	296	5	0	0	4	4	6	0	0	4	273	3	0	2	6	4	19	0	0	654
Total	97	1214	17	0	0	16	13	19	0	0	20	1186	14	0	2	20	22	88	0	0	2728
13:00	21	308	5	0	0	1	4	5	0	0	2	272	1	0	0	7	3	19	0	0	648
13:15	28	289	6	0	0	2	6	3	0	0	3	335	2	0	0	7	6	19	0	0	706
*****BREAK*****																					
Total	49	597	11	0	0	3	10	8	0	0	5	607	3	0	0	14	9	38	0	0	1354
*****BREAK*****																					
14:30	31	300	2	0	0	4	2	11	0	0	6	501	6	0	0	9	3	43	0	0	918
14:45	34	307	0	0	1	4	2	4	0	0	17	524	1	0	0	7	3	30	0	0	934
Total	65	607	2	0	1	8	4	15	0	0	23	1025	7	0	0	16	6	73	0	0	1852
15:00	21	284	6	0	0	1	2	3	0	0	12	578	10	0	0	4	6	45	0	0	972

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 Page No : 2

Groups Printed- Cars

Start Time	TH 252 Southbound					81st Ave Westbound					TH 252 Northbound					Humboldt Ave Eastbound					Int. Total
	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	Right	Thru	Left	UTrn	Peds	
15:15	44	306	4	0	0	4	2	10	0	0	11	671	6	0	0	8	7	32	0	0	1105
15:30	45	296	6	0	0	5	5	2	0	0	12	694	4	0	0	1	3	32	0	0	1105
15:45	39	263	3	0	0	5	3	10	0	0	7	728	7	0	0	6	5	51	0	0	1127
Total	149	1149	19	0	0	15	12	25	0	0	42	2671	27	0	0	19	21	160	0	0	4309
16:00	42	331	3	0	0	3	6	5	0	0	8	792	6	0	0	2	6	66	0	0	1270
16:15	44	350	2	0	2	4	3	8	0	0	8	792	11	0	0	4	10	89	0	0	1327
16:30	49	311	5	0	2	8	3	3	0	0	6	734	5	0	0	5	17	80	0	1	1229
16:45	44	374	7	0	0	19	3	3	0	0	1	767	2	0	0	5	27	114	0	0	1366
Total	179	1366	17	0	4	34	15	19	0	0	23	3085	24	0	0	16	60	349	0	1	5192
17:00	44	366	8	0	0	7	4	7	0	0	1	781	7	0	0	7	14	103	0	0	1349
17:15	53	420	8	0	0	3	9	5	0	0	6	724	6	0	0	1	12	86	0	0	1333
17:30	42	304	5	0	0	5	0	6	0	0	7	706	12	0	0	2	2	45	0	0	1136
17:45	57	282	5	0	0	7	3	4	0	0	7	747	8	0	0	7	11	70	0	0	1208
Total	196	1372	26	0	0	22	16	22	0	0	21	2958	33	0	0	17	39	304	0	0	5026
18:00	32	333	4	0	0	2	3	4	0	0	8	617	10	0	0	5	3	63	0	0	1084
18:15	34	331	7	0	0	4	4	4	0	0	5	591	7	0	0	5	6	66	0	0	1064
Grand Total	1540	19646	140	0	5	178	164	265	0	0	198	17742	163	0	2	239	211	1609	0	1	42103
Apprch %	7.2	92.1	0.7	0	0	29.3	27	43.7	0	0	1.1	98	0.9	0	0	11.6	10.2	78.1	0	0	
Total %	3.7	46.7	0.3	0	0	0.4	0.4	0.6	0	0	0.5	42.1	0.4	0	0	0.6	0.5	3.8	0	0	

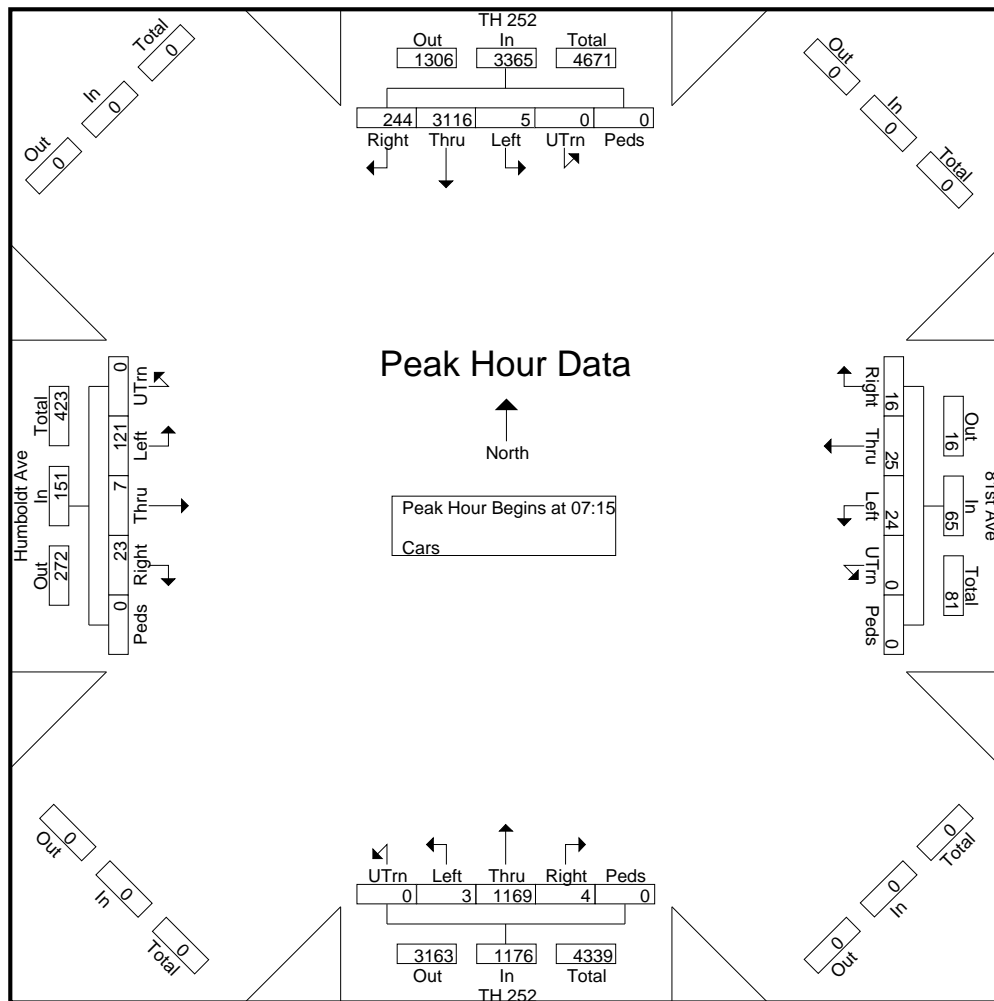
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Start Time	TH 252 Southbound						81st Ave Westbound						TH 252 Northbound						Humboldt Ave Eastbound						Int. Total		
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total			
07:15	56	77	8	1	0	0	835	5	6	5	0	0	16	0	24	5	0	0	0	245	8	2	23	0	0	33	1129
07:30	65	78	2	0	0	0	847	2	10	13	0	0	25	2	328	1	0	0	331	6	2	32	0	0	40	1243	
07:45	70	765	1	0	0	0	836	3	1	2	0	0	6	1	333	0	0	0	334	4	2	36	0	0	42	1218	
08:00	53	791	3	0	0	0	847	6	8	4	0	0	18	1	263	2	0	0	266	5	1	30	0	0	36	1167	
Total Volume	244	3116	5	0	0	0	3365	16	25	24	0	0	65	4	1169	3	0	0	1176	23	7	121	0	0	151	4757	
% App. Total	7.3	92.6	0.1	0	0	0		24.6	38.5	36.9	0	0		0.3	99.4	0.3	0	0		15.2	4.6	80.1	0	0			
PHF	.871	.985	.417	.000	.000	.000	.993	.667	.625	.462	.000	.000	.650	.500	.878	.375	.000	.000	.880	.719	.875	.840	.000	.000	.899	.957	

Peak Hour Analysis From 05:30 to 09:15 - Peak 1 of 1
 Peak Hour for Entire Intersection Begins at 07:15



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 Site Code : 5
 Start Date : 2/27/2013
 Page No : 4

Start Time	TH 252 Southbound						81st Ave Westbound						TH 252 Northbound						Humboldt Ave Eastbound						Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
Peak Hour Analysis From 15:00 to 18:15 - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 16:30																									
16:30	49	31	5	0	2	367	8	3	3	0	0	14	6	73	5	0	0	745	5	17	80	0	0	103	1229
16:45	44	37	7	0	0	425	19	3	3	0	0	25	1	767	2	0	0	770	5	27	114	0	0	146	1366
17:00	44	366	8	0	0	418	7	4	7	0	0	18	1	781	7	0	0	789	7	14	103	0	0	124	1349
17:15	53	420	8	0	0	481	3	9	5	0	0	17	6	724	6	0	0	736	1	12	86	0	0	99	1333
Total Volume	190	1471	28	0	2	1691	37	19	18	0	0	74	14	3006	20	0	0	3040	18	70	383	0	1	472	5277
% App. Total	11.2	87	1.7	0	0.1		50	25.7	24.3	0	0		0.5	98.9	0.7	0	0		3.8	14.8	81.1	0	0.2		
PHF	.896	.876	.875	.000	.250	.879	.487	.528	.643	.000	.000	.740	.583	.962	.714	.000	.000	.963	.643	.648	.840	.000	.250	.808	.966