

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-100 at 77th St, EAST RAMPS

Ref.Pt.: 000.359

data by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 406 - 77th Street & TH100 East Ramp

Site Code : 406

Start Date : 2/11/2014

Page No : 1

Groups Printed- Cars

Start Time	TH 100 East Ramp Southbound					77th Street Westbound					TH 100 East Ramp Northbound					77th Street 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	28	3	34	0	0	0	7	8	0	0	0	0	0	0	0	5	50	6	0	141
06:15	0	31	2	40	0	0	0	11	8	0	0	1	0	0	0	0	5	62	6	0	166
06:30	0	27	3	24	0	0	0	30	29	0	0	1	1	0	0	0	19	93	5	0	232
06:45	0	38	7	48	0	0	0	33	23	0	0	1	0	0	0	0	22	132	12	0	316
Total	0	124	15	146	0	0	0	81	68	0	0	3	1	0	0	0	51	337	29	0	855
07:00	0	42	16	58	0	0	1	30	28	0	0	1	0	0	0	0	20	157	25	0	378
07:15	0	41	24	51	0	0	0	35	26	0	0	0	1	1	0	0	30	196	35	0	440
07:30	0	47	18	63	0	0	1	48	36	0	0	2	7	0	0	0	37	238	45	0	542
07:45	0	45	20	89	0	0	0	59	36	0	0	2	0	0	0	0	34	260	35	0	580
Total	0	175	78	261	0	0	2	172	126	0	0	5	8	1	0	0	121	851	140	0	1940
08:00	0	50	16	74	0	0	1	59	29	0	0	4	2	0	0	0	38	298	44	0	615
08:15	0	57	24	80	0	0	5	53	37	0	0	3	1	1	0	0	19	236	49	0	565
08:30	0	63	15	104	0	0	1	36	29	0	0	4	5	0	0	0	38	232	44	0	571
08:45	0	61	17	72	0	0	0	41	21	0	0	10	4	1	0	0	35	210	45	0	517
Total	0	231	72	330	0	0	7	189	116	0	0	21	12	2	0	0	130	976	182	0	2268
09:00	0	47	9	63	0	0	0	48	17	0	0	3	3	1	0	0	29	152	31	0	403
09:15	0	31	12	43	0	0	1	37	24	0	0	5	5	0	0	0	34	82	14	0	288
*****BREAK*****																					
Total	0	78	21	106	0	0	1	85	41	0	0	8	8	1	0	0	63	234	45	0	691
*****BREAK*****																					
10:30	0	19	10	32	0	0	0	36	14	0	0	7	7	1	0	0	37	64	11	0	238
10:45	0	23	19	30	0	0	0	33	22	0	0	8	9	0	0	0	41	70	12	0	267
Total	0	42	29	62	0	0	0	69	36	0	0	15	16	1	0	0	78	134	23	0	505
11:00	0	16	9	32	0	0	1	40	28	0	0	9	10	1	0	0	56	68	12	0	282
11:15	0	31	18	17	0	0	0	53	31	0	0	18	20	3	0	0	51	111	14	0	367
11:30	0	17	10	32	0	0	1	69	38	0	0	15	17	8	0	0	61	89	20	0	377
11:45	0	32	21	44	0	0	0	88	34	0	0	26	15	2	0	0	29	97	15	0	403
Total	0	96	58	125	0	0	2	250	131	0	0	68	62	14	0	0	197	365	61	0	1429
12:00	0	19	9	41	0	0	2	84	28	0	0	31	14	3	0	0	46	106	20	0	403
12:15	0	18	20	36	0	0	4	92	39	0	0	25	15	3	0	0	44	98	21	0	415
12:30	0	26	3	54	0	0	0	71	34	0	0	23	10	1	0	0	41	98	20	0	381
12:45	0	29	27	51	0	0	0	81	29	0	0	18	12	2	0	0	52	102	18	0	421
Total	0	92	59	182	0	0	6	328	130	0	0	97	51	9	0	0	183	404	79	0	1620
13:00	0	18	18	46	0	0	1	60	20	0	0	25	9	2	0	0	50	96	9	0	354
13:15	0	24	13	40	0	0	1	83	26	0	0	25	8	3	0	1	46	89	20	0	379
*****BREAK*****																					
Total	0	42	31	86	0	0	2	143	46	0	0	50	17	5	0	1	96	185	29	0	733
*****BREAK*****																					
14:30	0	23	16	46	0	0	6	44	45	0	0	15	13	3	0	0	61	69	13	0	354
14:45	0	23	8	26	0	0	4	47	37	0	0	10	17	5	0	0	44	70	6	0	297
Total	0	46	24	72	0	0	10	91	82	0	0	25	30	8	0	0	105	139	19	0	651
15:00	0	17	12	26	0	0	3	70	72	0	0	18	15	6	0	0	70	83	10	0	402
15:15	0	16	10	38	0	0	2	67	58	0	0	17	18	2	0	0	64	77	13	0	382
15:30	0	14	12	28	0	0	0	85	79	0	0	26	17	7	0	0	94	91	13	0	466
15:45	0	16	7	27	0	0	1	86	73	0	0	13	16	3	0	0	76	127	11	0	456
Total	0	63	41	119	0	0	6	308	282	0	0	74	66	18	0	0	304	378	47	0	1706
16:00	0	24	14	25	0	0	2	101	114	0	0	37	47	2	0	0	120	128	10	0	624
16:15	0	17	8	27	0	0	4	98	113	0	0	31	35	6	0	1	151	165	13	0	669
16:30	0	22	8	25	0	0	1	105	135	0	0	30	31	4	0	0	168	210	17	0	756
16:45	0	7	14	43	0	0	1	135	143	0	0	34	36	2	0	0	127	226	15	0	783
Total	0	70	44	120	0	0	8	439	505	0	0	132	149	14	0	1	566	729	55	0	2832

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File Name : 406 - 77th Street & TH100 East Ramp

Site Code : 406

Start Date : 2/11/2014

Page No : 2

Groups Printed- Cars

Start Time	TH 100 East Ramp Southbound					77th Street Westbound					TH 100 East Ramp Northbound					77th Street Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
17:00	0	17	7	15	0	0	3	142	144	0	0	63	55	5	0	0	172	238	24	0	885
17:15	0	15	11	38	0	0	4	128	125	0	0	20	36	3	0	0	112	208	21	0	721
17:30	0	15	18	44	0	0	3	114	108	0	0	28	27	0	0	0	131	180	17	0	685
17:45	0	14	6	31	0	0	0	88	121	0	0	15	23	1	0	0	103	137	13	0	552
Total	0	61	42	128	0	0	10	472	498	0	0	126	141	9	0	0	518	763	75	0	2843
Grand Total	0	1120	514	1737	0	0	54	2627	2061	0	0	624	561	82	0	2	2412	5495	784	0	18073
Apprch %	0	33.2	15.2	51.5	0	0	1.1	55.4	43.5	0	0	49.3	44.3	6.5	0	0	27.7	63.2	9	0	
Total %	0	6.2	2.8	9.6	0	0	0.3	14.5	11.4	0	0	3.5	3.1	0.5	0	0	13.3	30.4	4.3	0	

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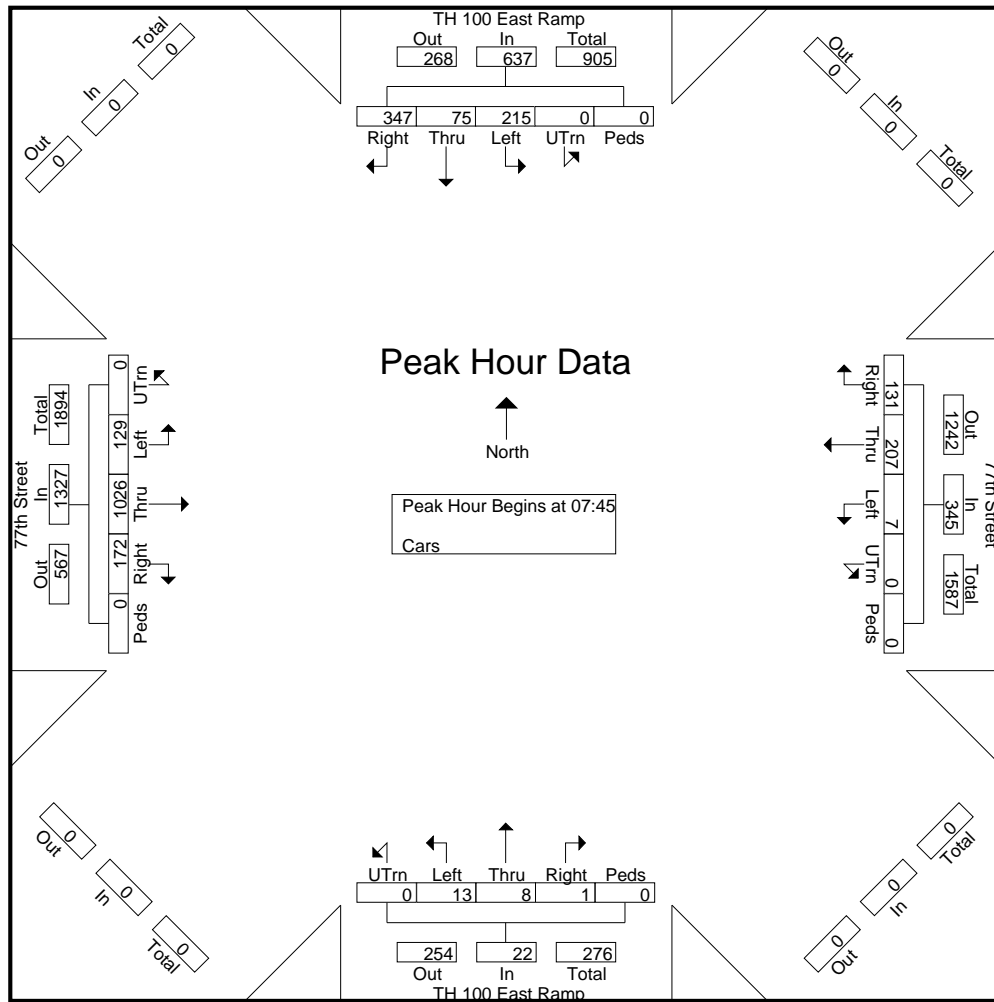
File Name : 406 - 77th Street & TH100 East Ramp

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Start Time	TH 100 East Ramp Southbound						77th Street Westbound						TH 100 East Ramp Northbound						77th Street Eastbound						
	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	Int. Total
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 07:45																									
07:45	0	45	20	89	0	154	0	0	59	36	0	95	0	2	0	0	0	2	0	34	26	35	0	329	580
08:00	0	50	16	74	0	140	0	1	59	29	0	89	0	4	2	0	0	6	0	38	298	44	0	380	615
08:15	0	57	24	80	0	161	0	5	53	37	0	95	0	3	1	1	0	5	0	19	236	49	0	304	565
08:30	0	63	15	104	0	182	0	1	36	29	0	66	0	4	5	0	0	9	0	38	232	44	0	314	571
Total Volume	0	215	75	347	0	637	0	7	207	131	0	345	0	13	8	1	0	22	0	129	1026	172	0	1327	2331
% App. Total	0	33.8	11.8	54.5	0		0	2	60	38	0		0	59.1	36.4	4.5	0		0	9.7	77.3	13	0		
PHF	.000	.853	.781	.834	.000	.875	.000	.350	.877	.885	.000	.908	.000	.813	.400	.250	.000	.611	.000	.849	.861	.878	.000	.873	.948



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Start Time	TH 100 East Ramp Southbound						77th Street Westbound						TH 100 East Ramp Northbound						77th Street 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	
16:30	0	22	8	25	0	55	0	1	10	13	0	241	0	30	31	4	0	65	0	16	21	17	0	395	756
16:45	0	7	14	43	0	64	0	1	13	14	0	279	0	34	36	2	0	72	0	12	22	15	0	368	783
17:00	0	17	7	15	0	39	0	3	142	144	0	289	0	63	55	5	0	123	0	172	238	24	0	434	885
17:15	0	15	11	38	0	64	0	4	128	125	0	257	0	20	36	3	0	59	0	112	208	21	0	341	721
Total Volume	0	61	40	121	0	222	0	9	510	547	0	1066	0	147	158	14	0	319	0	579	882	77	0	1538	3145
% App. Total	0	27.5	18	54.5	0		0	0.8	47.8	51.3	0		0	46.1	49.5	4.4	0		0	37.6	57.3	5	0		
PHF	.000	.693	.714	.703	.000	.867	.000	.563	.898	.950	.000	.922	.000	.583	.718	.700	.000	.648	.000	.842	.926	.802	.000	.886	.888

Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 16:30

