

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-100 at 77th Street, WEST RAMP

Ref.Pt.: 000.359

data by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 405 - 77th Street & TH100 West Ramp

Site Code : 405

Start Date : 2/11/2014

Page No : 1

Groups Printed- Cars

Start Time	TH 100 West Ramp Southbound					77th Street Westbound					TH 100 West 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	37	5	36	0	0	8	28	3	0	0	0	0	2	0	0	7	19	0	0	145	
06:15	0	46	12	34	0	0	3	43	9	0	0	0	2	7	0	0	10	17	0	0	183	
06:30	0	50	17	48	0	0	4	47	16	0	0	2	2	10	0	0	15	35	2	0	248	
06:45	0	85	17	71	0	0	10	64	17	0	0	0	7	9	0	0	12	55	1	0	348	
Total	0	218	51	189	0	0	25	182	45	0	0	2	11	28	0	0	44	126	3	0	924	
07:00	0	115	15	69	0	0	16	70	9	0	0	3	5	17	0	0	14	60	4	0	397	
07:15	0	105	16	70	0	0	11	87	13	0	0	4	7	31	0	0	15	92	10	0	461	
07:30	0	129	17	63	0	0	15	97	21	0	0	3	5	41	0	0	18	121	4	0	534	
07:45	0	134	18	90	0	0	27	108	21	0	0	3	5	38	0	0	23	113	1	0	581	
Total	0	483	66	292	0	0	69	362	64	0	0	13	22	127	0	0	70	386	19	0	1973	
08:00	0	173	16	124	0	0	14	98	16	0	0	2	5	35	0	0	23	139	2	0	647	
08:15	0	156	17	110	0	0	5	116	17	0	0	5	8	39	0	0	29	83	2	0	587	
08:30	0	131	12	91	1	1	8	124	8	0	0	2	5	35	0	0	24	99	3	0	544	
08:45	0	110	7	85	0	0	7	99	14	0	0	1	8	30	0	0	20	81	4	0	466	
Total	0	570	52	410	1	1	34	437	55	0	0	10	26	139	0	0	96	402	11	0	2244	
09:00	0	93	9	55	0	0	11	71	22	0	0	2	3	17	0	0	22	64	2	0	371	
09:15	0	50	9	47	0	0	3	61	17	0	0	2	5	13	0	0	19	57	2	0	285	
*****BREAK*****																						
Total	0	143	18	102	0	0	14	132	39	0	0	4	8	30	0	0	41	121	4	0	656	
*****BREAK*****																						
10:30	0	40	10	26	0	0	12	44	22	0	0	5	9	12	0	0	38	61	3	0	282	
10:45	0	37	9	28	0	0	8	45	22	0	0	1	3	15	0	0	33	62	7	0	270	
Total	0	77	19	54	0	0	20	89	44	0	0	6	12	27	0	0	71	123	10	0	552	
11:00	0	41	13	38	0	0	9	54	23	0	0	3	4	23	0	0	40	62	7	0	317	
11:15	0	45	12	24	0	0	17	60	32	0	0	8	9	27	0	0	29	98	9	0	370	
11:30	0	51	13	34	0	0	9	79	39	0	0	7	13	28	0	0	37	98	10	0	418	
11:45	0	36	11	34	0	0	20	76	50	0	0	10	9	19	0	0	53	90	20	0	428	
Total	0	173	49	130	0	0	55	269	144	0	0	28	35	97	0	0	159	348	46	0	1533	
12:00	0	41	12	41	0	0	23	78	44	0	0	16	7	34	0	0	58	100	21	0	475	
12:15	0	33	9	34	0	0	17	101	42	0	0	9	14	27	0	0	38	102	11	0	437	
12:30	1	40	6	40	0	0	20	72	39	0	0	15	14	30	0	0	41	91	16	0	425	
12:45	0	45	15	44	0	0	18	111	16	0	0	19	18	37	0	0	39	68	11	0	441	
Total	1	159	42	159	0	0	78	362	141	0	0	59	53	128	0	0	176	361	59	0	1778	
13:00	0	44	15	40	0	0	15	92	31	0	0	9	17	42	0	0	46	71	8	0	430	
13:15	0	50	12	37	0	0	17	81	40	0	0	11	9	23	0	0	32	74	8	0	394	
*****BREAK*****																						
Total	0	94	27	77	0	0	32	173	71	0	0	20	26	65	0	0	78	145	16	0	824	
*****BREAK*****																						
14:30	0	38	7	28	0	0	8	47	27	0	0	6	22	29	0	0	57	80	6	0	355	
14:45	0	26	8	33	0	0	16	53	26	0	0	4	5	27	0	0	44	56	5	0	303	
Total	0	64	15	61	0	0	24	100	53	0	0	10	27	56	0	0	101	136	11	0	658	
15:00	0	47	7	25	0	0	14	49	64	0	0	3	14	28	0	0	82	74	6	0	413	
15:15	0	49	10	28	0	0	13	50	44	0	0	3	15	32	0	0	59	79	8	0	390	
15:30	0	44	10	24	0	0	18	57	63	0	0	4	12	39	0	0	86	101	2	0	460	
15:45	0	54	12	36	0	0	13	50	58	0	0	5	17	37	0	0	61	105	2	0	450	
Total	0	194	39	113	0	0	58	206	229	0	0	15	58	136	0	0	288	359	18	0	1713	
16:00	0	53	7	46	0	0	13	49	109	0	0	4	20	61	0	0	101	155	3	0	621	
16:15	0	63	8	39	0	0	20	55	90	0	0	4	18	73	0	0	69	165	9	0	613	
16:30	0	60	8	36	0	0	14	64	86	0	0	4	19	82	0	0	101	216	6	1	697	
16:45	0	78	16	30	0	0	26	63	110	0	0	6	16	90	0	0	79	197	4	0	715	
Total	0	254	39	151	0	0	73	231	395	0	0	18	73	306	0	0	350	733	22	1	2646	

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File Name : 405 - 77th Street & TH100 West Ramp
 Site Code : 405
 Start Date : 2/11/2014
 Page No : 2

Groups Printed- Cars

Start Time	TH 100 West Ramp Southbound					77th Street Westbound					TH 100 West 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	68	9	36	0	0	17	89	133	0	0	4	30	92	0	0	112	205	8	0	803
17:15	0	71	7	43	0	0	19	75	89	0	0	3	17	78	0	0	84	175	7	0	668
17:30	0	74	13	27	0	0	23	64	98	0	0	3	16	57	0	0	75	168	2	0	620
17:45	0	52	8	26	0	0	17	48	66	0	0	3	12	50	0	0	52	139	4	0	477
Total	0	265	37	132	0	0	76	276	386	0	0	13	75	277	0	0	323	687	21	0	2568
Grand Total	1	2694	454	1870	1	1	558	2819	1666	0	0	198	426	1416	0	0	1797	3927	240	1	18069
Apprch %	0	53.7	9	37.3	0	0	11.1	55.9	33	0	0	9.7	20.9	69.4	0	0	30.1	65.8	4	0	
Total %	0	14.9	2.5	10.3	0	0	3.1	15.6	9.2	0	0	1.1	2.4	7.8	0	0	9.9	21.7	1.3	0	

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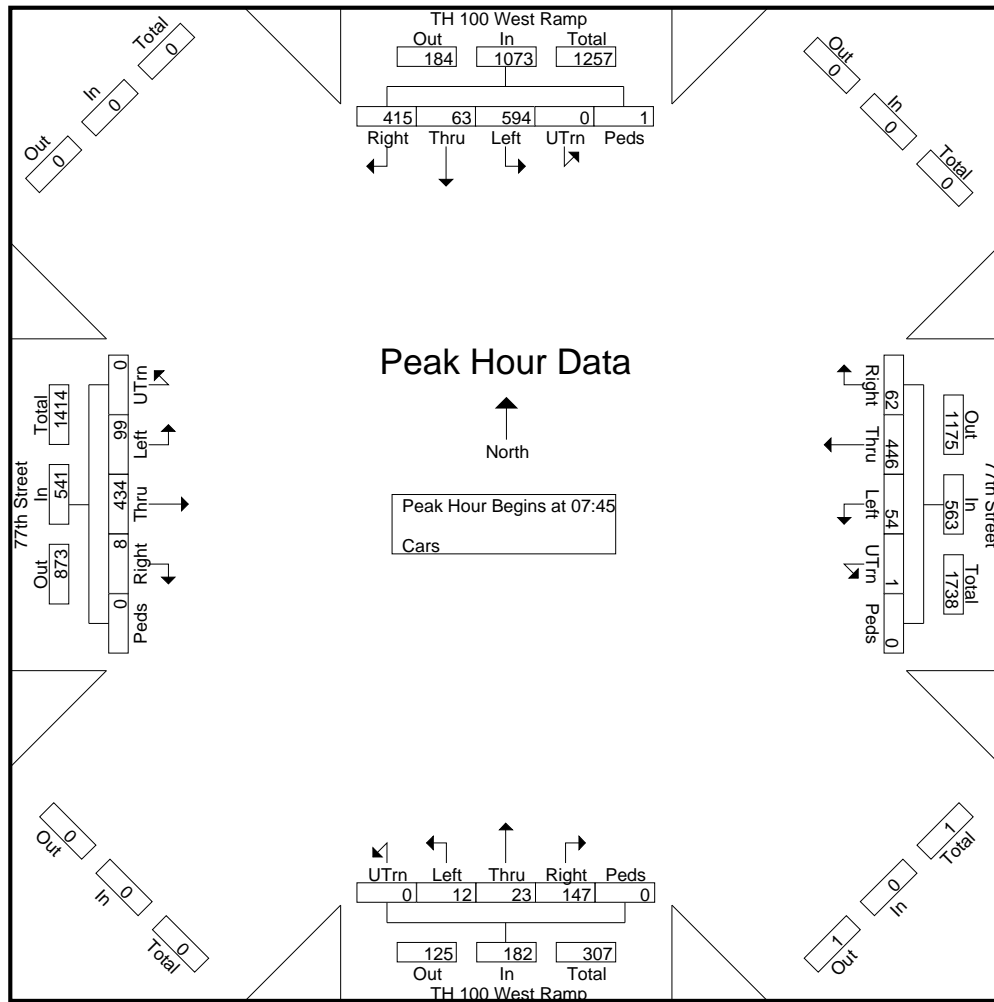
Site Code : 405

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Page No : 3

Start Time	TH 100 West Ramp Southbound						77th Street Westbound						TH 100 West 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		
07:45	0	13	4	18	90	0	0	27	10	8	21	0	0	3	5	38	0	46	0	23	11	3	1	0	137	581
08:00	0	173	16	124	0	313	0	14	98	16	0	128	0	2	5	35	0	42	0	23	139	2	0	0	164	647
08:15	0	156	17	110	0	283	0	5	116	17	0	138	0	5	8	39	0	52	0	29	83	2	0	0	114	587
08:30	0	131	12	91	1	235	1	8	124	8	0	141	0	2	5	35	0	42	0	24	99	3	0	0	126	544
Total Volume	0	594	63	415	1	1073	1	54	446	62	0	563	0	12	23	147	0	182	0	99	434	8	0	0	541	2359
% App. Total	0	55.4	5.9	38.7	0.1		0.2	9.6	79.2	11	0		0	6.6	12.6	80.8	0		0	18.3	80.2	1.5	0			
PHF	.000	.858	.875	.837	.250	.857	.250	.500	.899	.738	.000	.902	.000	.600	.719	.942	.000	.875	.000	.853	.781	.667	.000	.825	.912	

Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 07:45



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	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	60	8	36	0	104	0	14	64	86	0	164	0	4	19	82	0	105	0	10	216	6	1	324	697
16:45	0	78	16	30	0	124	0	26	63	110	0	199	0	6	16	90	0	112	0	79	197	4	0	280	715
17:00	0	68	9	36	0	113	0	17	89	133	0	239	0	4	30	92	0	126	0	112	205	8	0	325	803
17:15	0	71	7	43	0	121	0	19	75	89	0	183	0	3	17	78	0	98	0	84	175	7	0	266	668
Total Volume	0	277	40	145	0	462	0	76	291	418	0	785	0	17	82	342	0	441	0	376	793	25	1	1195	2883
% App. Total	0	60	8.7	31.4	0		0	9.7	37.1	53.2	0		0	3.9	18.6	77.6	0		0	31.5	66.4	2.1	0.1		
PHF	.000	.888	.625	.843	.000	.931	.000	.731	.817	.786	.000	.821	.000	.708	.683	.929	.000	.875	.000	.839	.918	.781	.250	.919	.898

