

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-100 at 70th Street, WEST RAMPS

Ref.Pt.: 001.202

data by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 402 - 70th Street & TH100 West Ramp

Site Code : 402

Start Date : 2/11/2014

Page No : 1

Groups Printed- Cars

Start Time	TH 100 West Ramp Southbound					70th Street Westbound					TH 100 West Ramp Northbound					70th 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	5	1	27	0	0	1	15	0	0	0	0	0	0	0	0	0	14	3	0	66
06:15	0	11	1	53	0	0	7	21	0	0	0	0	0	0	0	0	0	23	9	0	125
06:30	0	20	6	45	0	0	11	36	0	0	0	0	0	0	0	0	0	50	11	0	179
06:45	0	22	6	60	0	0	13	35	0	0	0	0	0	0	0	0	0	59	10	0	205
Total	0	58	14	185	0	0	32	107	0	0	0	0	0	0	0	0	0	146	33	0	575
07:00	0	35	9	77	1	0	13	52	0	0	0	0	0	0	0	0	0	50	16	0	253
07:15	0	34	22	76	0	0	20	59	0	0	0	0	0	0	0	0	0	88	29	0	328
07:30	0	35	18	76	0	1	19	54	0	0	0	0	0	0	0	0	0	99	37	0	339
07:45	0	64	27	125	0	1	19	64	0	0	0	0	0	0	0	0	0	92	30	0	422
Total	0	168	76	354	1	2	71	229	0	0	0	0	0	0	0	0	0	329	112	0	1342
08:00	0	39	14	115	0	0	22	93	0	0	0	0	0	0	0	0	0	106	23	0	412
08:15	0	58	20	137	0	0	15	65	0	0	0	0	0	0	0	0	0	104	29	0	428
08:30	0	68	17	119	0	0	8	50	0	0	0	0	0	0	0	0	0	97	26	0	385
08:45	0	55	16	128	0	0	16	56	0	0	0	0	0	0	0	0	0	84	18	0	373
Total	0	220	67	499	0	0	61	264	0	0	0	0	0	0	0	0	0	391	96	0	1598
09:00	0	66	14	103	0	0	21	46	0	0	0	0	0	0	0	0	0	92	23	0	365
09:15	0	85	11	73	0	0	18	32	0	0	0	0	0	0	0	0	0	77	22	0	318
*****BREAK*****																					
Total	0	151	25	176	0	0	39	78	0	0	0	0	0	0	0	0	0	169	45	0	683
*****BREAK*****																					
10:30	0	31	11	44	0	0	22	26	0	0	0	0	0	0	0	0	0	82	17	0	233
10:45	0	43	4	42	0	1	10	33	0	0	0	0	0	0	0	0	0	94	24	0	251
Total	0	74	15	86	0	1	32	59	0	0	0	0	0	0	0	0	0	176	41	0	484
11:00	0	27	8	49	0	0	16	39	0	0	0	0	0	0	0	0	0	77	27	0	243
11:15	0	37	9	42	0	0	27	33	0	0	0	0	0	0	0	0	0	83	21	0	252
11:30	0	31	12	40	0	0	50	44	0	0	0	0	0	0	0	0	0	98	25	0	300
11:45	0	43	10	60	0	0	28	57	0	0	0	0	0	0	0	0	0	105	30	0	333
Total	0	138	39	191	0	0	121	173	0	0	0	0	0	0	0	0	0	363	103	0	1128
12:00	0	34	8	49	0	0	26	47	0	0	0	0	0	0	0	0	0	98	23	0	285
12:15	0	38	11	50	0	0	19	54	0	0	0	0	0	0	0	0	0	92	15	0	279
12:30	0	33	12	45	0	1	24	52	0	0	0	0	0	0	0	0	0	85	23	0	275
12:45	0	33	13	54	0	0	24	84	0	0	0	0	0	0	0	0	0	88	19	0	315
Total	0	138	44	198	0	1	93	237	0	0	0	0	0	0	0	0	0	363	80	0	1154
13:00	0	30	6	55	0	0	21	63	0	0	0	0	0	0	0	0	0	101	22	0	298
13:15	0	43	6	50	0	0	21	46	0	0	0	0	0	0	0	0	0	83	18	0	267
*****BREAK*****																					
Total	0	73	12	105	0	0	42	109	0	0	0	0	0	0	0	0	0	184	40	0	565
*****BREAK*****																					
14:30	0	36	13	52	0	0	23	69	0	0	0	0	0	0	0	0	0	131	33	0	357
14:45	0	36	6	60	1	0	22	51	0	0	0	0	0	0	0	0	0	101	16	0	293
Total	0	72	19	112	1	0	45	120	0	0	0	0	0	0	0	0	0	232	49	0	650
15:00	0	25	12	47	2	0	17	55	0	0	0	0	0	0	0	0	0	129	35	0	322
15:15	0	48	11	44	0	0	20	52	0	0	0	0	0	0	0	0	0	146	28	0	349
15:30	0	64	12	59	0	0	25	66	0	0	0	0	0	0	0	0	0	164	40	0	430
15:45	0	71	10	55	0	0	22	71	0	0	0	0	0	0	0	0	0	148	39	0	416
Total	0	208	45	205	2	0	84	244	0	0	0	0	0	0	0	0	0	587	142	0	1517
16:00	0	72	15	62	0	0	26	68	0	0	0	0	0	0	0	0	0	205	35	0	483
16:15	0	106	20	42	0	0	27	55	0	0	0	0	0	0	0	0	0	181	27	0	458
16:30	0	62	15	44	0	0	14	59	0	0	0	0	0	0	0	0	0	217	51	0	462
16:45	0	76	14	75	0	0	32	74	0	0	0	0	0	0	0	0	0	187	34	0	492
Total	0	316	64	223	0	0	99	256	0	0	0	0	0	0	0	0	0	790	147	0	1895

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TURN MOVEMENT COUNT

File Name : 402 - 70th Street & TH100 West Ramp

Site Code : 402

Start Date : 2/11/2014

Page No : 2

Groups Printed- Cars

Start Time	TH 100 West Ramp Southbound					70th Street Westbound					TH 100 West Ramp Northbound					70th 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	112	16	57	0	0	32	59	0	0	0	0	0	0	0	0	0	265	63	0	604
17:15	0	106	13	43	0	0	26	64	0	0	0	0	0	0	0	0	0	216	51	0	519
17:30	0	104	20	75	0	0	16	83	0	0	0	0	0	0	0	0	0	198	36	0	532
17:45	0	104	10	76	0	0	28	75	0	0	0	0	0	0	0	0	0	176	29	0	498
Total	0	426	59	251	0	0	102	281	0	0	0	0	0	0	0	0	0	855	179	0	2153
Grand Total	0	2042	479	2585	4	4	821	2157	0	0	0	0	0	0	0	0	0	4585	1067	0	13744
Apprch %	0	40	9.4	50.6	0.1	0.1	27.5	72.3	0	0	0	0	0	0	0	0	0	81.1	18.9	0	
Total %	0	14.9	3.5	18.8	0	0	6	15.7	0	0	0	0	0	0	0	0	0	33.4	7.8	0	

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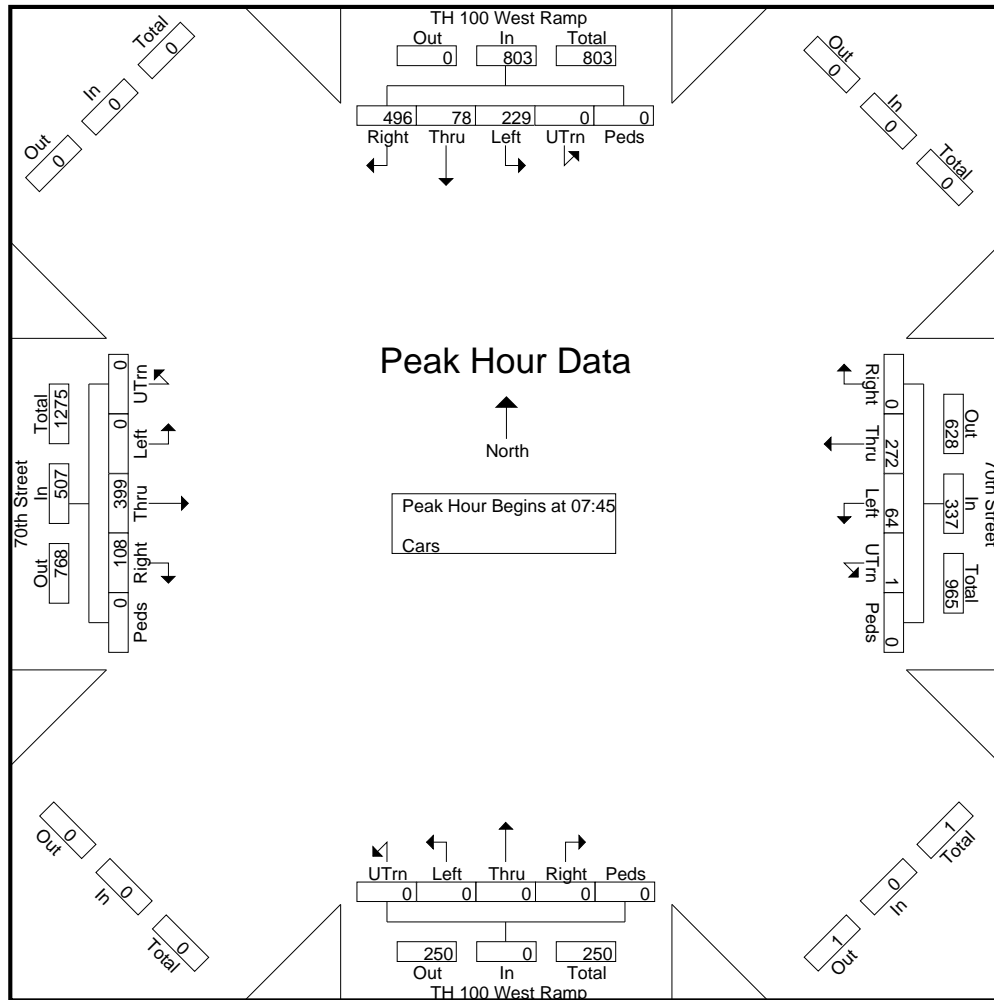
Site Code : 402

Start Date : 2/11/2014

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Start Time	TH 100 West Ramp Southbound						70th Street Westbound						TH 100 West Ramp Northbound						70th 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	64	27	12	5	0	216	1	19	64	0	0	84	0	0	0	0	0	0	0	0	92	30	0	122	422
08:00	0	39	14	11	5	0	168	0	22	93	0	0	115	0	0	0	0	0	0	0	0	106	23	0	129	412
08:15	0	58	20	137	0	215	0	15	65	0	0	80	0	0	0	0	0	0	0	0	0	104	29	0	133	428
08:30	0	68	17	119	0	204	0	8	50	0	0	58	0	0	0	0	0	0	0	0	0	97	26	0	123	385
Total Volume	0	229	78	496	0	803	1	64	272	0	0	337	0	0	0	0	0	0	0	0	0	399	108	0	507	1647
% App. Total	0	28.5	9.7	61.8	0		0.3	19	80.7	0	0		0	0	0	0	0		0	0	0	78.7	21.3	0		
PHF	.000	.842	.722	.905	.000	.929	.250	.727	.731	.000	.000	.733	.000	.000	.000	.000	.000	.000	.000	.000	.000	.941	.900	.000	.953	.962

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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Start Time	TH 100 West Ramp Southbound						70th Street Westbound						TH 100 West Ramp Northbound						70th 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	
17:00	0	112	16	57	0	185	0	32	59	0	0	91	0	0	0	0	0	0	0	0	265	63	0	328	604
17:15	0	106	13	43	0	162	0	26	64	0	0	90	0	0	0	0	0	0	0	0	216	51	0	267	519
17:30	0	104	20	75	0	199	0	16	83	0	0	99	0	0	0	0	0	0	0	0	198	36	0	234	532
17:45	0	104	10	76	0	190	0	28	75	0	0	103	0	0	0	0	0	0	0	0	176	29	0	205	498
Total Volume	0	426	59	251	0	736	0	102	281	0	0	383	0	0	0	0	0	0	0	0	855	179	0	1034	2153
% App. Total	0	57.9	8	34.1	0		0	26.6	73.4	0	0		0	0	0	0	0	0	0	0	82.7	17.3	0		
PHF	.000	.951	.738	.826	.000	.925	.000	.797	.846	.000	.000	.930	.000	.000	.000	.000	.000	.000	.000	.000	.807	.710	.000	.788	.891

