

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

77th Street at Pentagon entrance

Ref.Pt.:

data by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 407 - 77th Street & Pentagon Entrance

Site Code : 407

Start Date : 2/11/2014

Page No : 1

Groups Printed- Cars

Start Time	Pentagon Entrance Southbound					77th Street Westbound					Pentagon Entrance 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	1	0	0	0	0	0	15	0	0	0	0	0	0	0	0	2	74	2	0	94
06:15	0	0	0	1	0	0	0	20	0	0	0	0	0	0	0	0	1	93	2	0	117
06:30	0	0	0	1	0	0	1	55	0	0	0	2	0	0	0	0	3	99	6	0	167
06:45	0	0	0	3	0	0	0	60	0	0	0	6	0	1	0	0	6	141	17	0	234
Total	0	1	0	5	0	0	1	150	0	0	0	8	0	1	0	0	12	407	27	0	612
07:00	0	0	0	0	0	0	2	53	1	0	0	6	0	1	2	0	4	182	12	0	263
07:15	0	1	0	1	0	0	1	64	0	0	0	5	0	1	0	0	2	212	5	0	292
07:30	0	2	0	2	0	0	0	81	4	0	0	5	1	0	0	0	2	255	8	0	360
07:45	0	3	0	7	0	0	1	88	3	0	0	11	0	1	1	0	5	276	8	0	404
Total	0	6	0	10	0	0	4	286	8	0	0	27	1	3	3	0	13	925	33	0	1319
08:00	0	0	3	7	1	0	1	79	2	0	0	6	0	0	0	0	5	318	14	0	436
08:15	0	1	0	3	0	0	0	67	6	0	0	15	0	1	0	0	10	262	19	0	384
08:30	0	0	0	3	2	0	2	63	2	0	0	8	0	0	1	0	5	255	9	0	350
08:45	0	0	0	5	0	0	0	51	1	0	0	7	0	0	1	0	12	237	5	0	319
Total	0	1	3	18	3	0	3	260	11	0	0	36	0	1	2	0	32	1072	47	0	1489
09:00	0	1	0	7	1	0	0	55	0	0	0	2	0	2	0	0	3	181	5	0	257
09:15	0	1	0	2	0	0	0	58	2	0	0	1	0	0	1	0	3	114	5	0	187
09:30	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
*****BREAK*****																					
Total	0	2	0	9	1	0	0	115	2	0	0	3	0	2	1	0	6	295	10	0	446
*****BREAK*****																					
10:30	0	1	0	5	0	0	2	47	1	0	0	0	0	1	1	1	8	68	2	0	137
10:45	0	1	0	2	0	0	0	50	1	0	0	3	0	0	0	0	6	82	2	0	147
Total	0	2	0	7	0	0	2	97	2	0	0	3	0	1	1	1	14	150	4	0	284
11:00	0	2	0	5	1	0	3	59	3	0	0	5	0	1	1	0	9	79	2	0	170
11:15	0	2	0	6	2	0	0	77	5	1	0	1	0	1	3	0	11	126	1	0	236
11:30	0	3	0	6	1	0	0	99	3	0	0	2	0	0	0	0	14	104	0	0	232
11:45	0	1	0	10	0	0	1	109	2	0	0	1	0	1	0	0	9	105	3	0	242
Total	0	8	0	27	4	0	4	344	13	1	0	9	0	3	4	0	43	414	6	0	880
12:00	0	2	0	7	0	0	1	102	11	0	0	3	0	1	0	0	14	115	6	0	262
12:15	0	5	0	14	0	0	1	110	8	0	0	1	0	3	0	0	10	113	3	0	268
12:30	0	9	0	14	0	0	0	94	6	0	0	3	0	0	0	0	7	114	2	0	249
12:45	0	13	0	14	0	0	1	101	4	0	0	2	0	0	0	1	10	114	1	0	261
Total	0	29	0	49	0	0	3	407	29	0	0	9	0	4	0	1	41	456	12	0	1040
13:00	0	3	1	8	0	0	0	81	4	0	0	2	0	2	0	0	3	98	6	0	208
13:15	0	3	1	4	1	0	2	94	3	0	0	8	0	4	1	0	7	105	2	0	235
13:30	0	0	0	4	0	0	0	23	0	0	0	0	0	0	0	0	1	8	1	0	37
*****BREAK*****																					
Total	0	6	2	16	1	0	2	198	7	0	0	10	0	6	1	0	11	211	9	0	480
*****BREAK*****																					
14:30	0	4	0	6	0	0	1	88	0	0	0	1	0	1	0	0	12	78	0	0	191
14:45	0	0	0	8	0	0	1	82	0	0	0	5	0	0	1	0	11	79	5	0	192
Total	0	4	0	14	0	0	2	170	0	0	0	6	0	1	1	0	23	157	5	0	383
15:00	0	2	0	6	0	0	0	132	2	0	0	2	0	1	0	0	11	87	2	0	245
15:15	0	1	0	5	2	0	1	120	7	0	0	3	0	0	0	0	6	90	1	0	236
15:30	0	6	0	9	0	0	0	163	2	0	0	5	0	1	0	1	8	93	4	0	292
15:45	0	0	0	7	0	0	1	163	3	0	0	2	0	1	0	0	11	123	4	0	315
Total	0	9	0	27	2	0	2	578	14	0	0	12	0	3	0	1	36	393	11	0	1088
16:00	0	7	0	13	0	0	1	214	3	0	0	13	0	0	0	0	8	132	6	0	397
16:15	0	6	0	14	0	0	1	214	0	0	0	3	0	2	0	0	7	175	10	0	432

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77th Street at Pentagon entrance

Ref.Pt.: File Name : 407 - 77th Street & Pentagon Entrance
 data by Alliant Engineering Site Code : 407
 TURN MOVEMENT COUNT Start Date : 2/11/2014
 Page No : 2

Groups Printed- Cars

Start Time	Pentagon Entrance Southbound					77th Street Westbound					Pentagon Entrance 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	
16:30	0	2	0	10	0	0	0	243	4	0	0	9	0	1	0	0	7	208	5	0	489
16:45	0	1	0	15	1	0	2	250	0	0	0	11	0	2	0	0	3	237	5	0	527
Total	0	16	0	52	1	0	4	921	7	0	0	36	0	5	0	0	25	752	26	0	1845
17:00	0	1	0	10	0	0	1	285	1	0	0	9	0	3	0	0	12	232	6	0	560
17:15	0	3	0	12	0	0	2	232	2	0	0	16	0	3	0	0	5	200	10	0	485
17:30	0	2	0	7	2	0	1	217	4	0	0	10	0	1	0	0	8	192	5	0	449
17:45	0	1	0	7	0	0	0	177	4	0	0	16	0	1	0	0	8	144	4	0	362
Total	0	7	0	36	2	0	4	911	11	0	0	51	0	8	0	0	33	768	25	0	1856
Grand Total	0	91	5	270	14	0	31	4437	104	1	0	210	1	38	13	3	289	6000	215	0	11722
Apprch %	0	23.9	1.3	71.1	3.7	0	0.7	97	2.3	0	0	80.2	0.4	14.5	5	0	4.4	92.2	3.3	0	
Total %	0	0.8	0	2.3	0.1	0	0.3	37.9	0.9	0	0	1.8	0	0.3	0.1	0	2.5	51.2	1.8	0	

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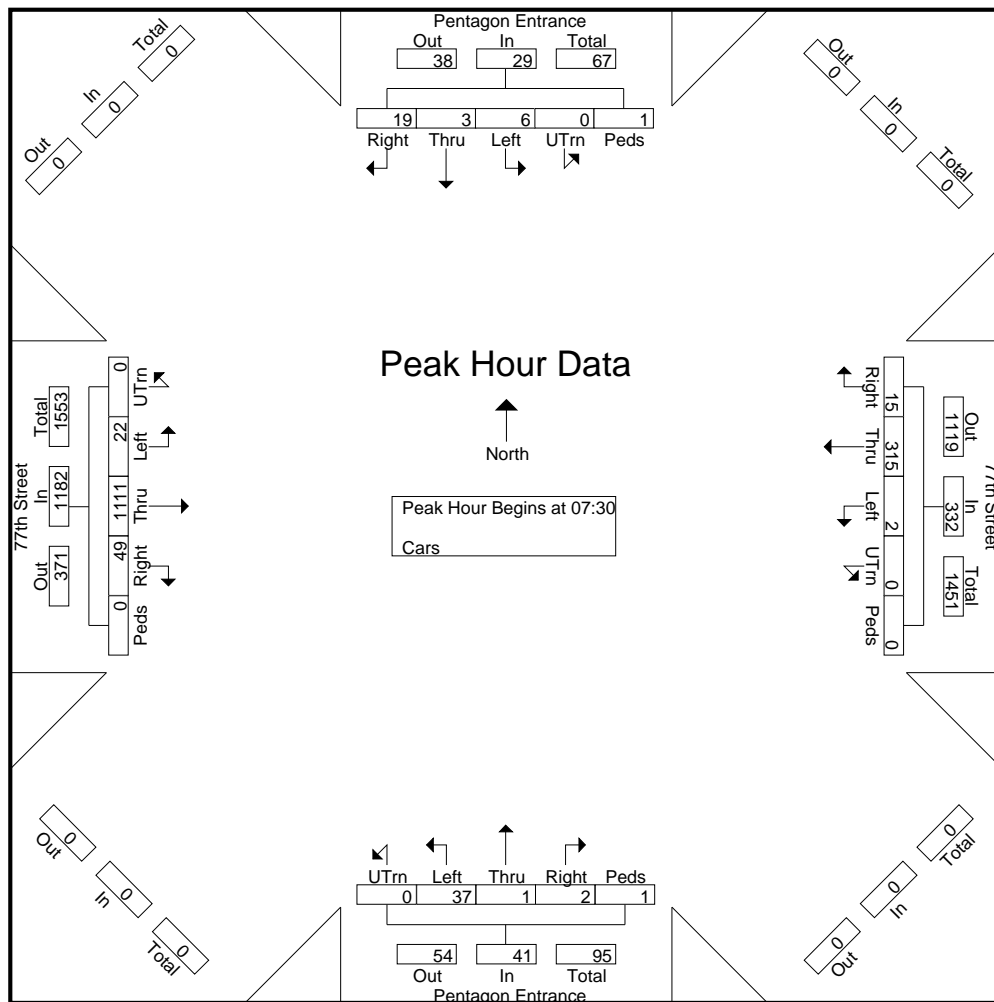
Site Code : 407

Start Date : 2/11/2014

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Start Time	Pentagon Entrance Southbound					77th Street Westbound					Pentagon Entrance 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
07:30	0	2	0	2	0	4	0	0	81	4	0	85	0	5	0	0	0	6	0	2	25	8	0	265	360
07:45	0	3	0	7	0	10	0	1	88	3	0	92	0	11	0	1	1	13	0	5	276	8	0	289	404
08:00	0	0	3	7	1	11	0	1	79	2	0	82	0	6	0	0	0	6	0	5	318	14	0	337	436
08:15	0	1	0	3	0	4	0	0	67	6	0	73	0	15	0	1	0	16	0	10	262	19	0	291	384
Total Volume	0	6	3	19	1	29	0	2	315	15	0	332	0	37	1	2	1	41	0	22	1111	49	0	1182	1584
% App. Total	0	20.7	10.3	65.5	3.4		0	0.6	94.9	4.5	0		0	90.2	2.4	4.9	2.4		0	1.9	94	4.1	0		
PHF	.000	.500	.250	.679	.250	.659	.000	.500	.895	.625	.000	.902	.000	.617	.250	.500	.250	.641	.000	.550	.873	.645	.000	.877	.908

Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 07:30



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File Name : 407 - 77th Street & Pentagon Entrance
 Site Code : 407
 Start Date : 2/11/2014
 Page No : 4

Start Time	Pentagon Entrance Southbound						77th Street Westbound						Pentagon Entrance 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	2	0	10	0	12	0	0	24	3	4	0	247	0	9	0	1	0	10	0	7	20	5	0	220	489
16:45	0	1	0	15	1	17	0	2	250	0	0	0	252	0	11	0	2	0	13	0	3	237	5	0	245	527
17:00	0	1	0	10	0	11	0	1	285	1	0	0	287	0	9	0	3	0	12	0	12	232	6	0	250	560
17:15	0	3	0	12	0	15	0	2	232	2	0	0	236	0	16	0	3	0	19	0	5	200	10	0	215	485
Total Volume	0	7	0	47	1	55	0	5	1010	7	0	0	1022	0	45	0	9	0	54	0	27	877	26	0	930	2061
% App. Total	0	12.7	0	85.5	1.8		0	0.5	98.8	0.7	0			0	83.3	0	16.7	0		0	2.9	94.3	2.8	0		
PHF	.000	.583	.000	.783	.250	.809	.000	.625	.886	.438	.000	.890	.000	.703	.000	.750	.000	.711	.000	.563	.925	.650	.000	.930	.920	

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

