

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

77th Street at Metro Blvd
 Ref.Pt.:
 data by Alliant Engineering
 TURN MOVEMENT COUNT

File Name : 404 - 77th Street & Metro Boulevard
 Site Code : 404
 Start Date : 2/11/2014
 Page No : 1

Groups Printed- Cars

Start Time	Metro Boulevard Southbound					77th Street Westbound					Metro Boulevard 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	6	0	2	0	0	0	19	57	0	0	0	1	3	0	0	7	19	0	0	114
06:15	0	14	1	1	0	0	2	50	47	0	0	0	1	3	0	0	11	33	0	0	163
06:30	0	9	0	2	0	0	4	57	68	0	0	0	0	1	0	0	13	57	2	0	213
06:45	0	14	3	2	0	0	11	78	59	0	0	1	1	3	0	0	16	49	0	0	237
Total	0	43	4	7	0	0	17	204	231	0	0	1	3	10	0	0	47	158	2	0	727
07:00	0	19	0	6	0	0	4	112	71	0	0	1	4	2	0	0	19	107	0	0	345
07:15	0	34	2	4	0	0	6	80	84	0	0	0	2	1	0	0	17	122	0	0	352
07:30	0	22	1	3	0	0	7	118	96	0	0	0	3	2	0	0	28	107	1	0	388
07:45	0	38	5	5	0	0	3	123	87	0	0	1	9	7	0	0	28	128	0	0	434
Total	0	113	8	18	0	0	20	433	338	0	0	2	18	12	0	0	92	464	1	0	1519
08:00	0	22	0	2	0	0	5	122	104	0	0	0	7	11	0	0	18	82	0	0	373
08:15	0	30	3	5	0	0	9	102	107	0	0	2	3	2	0	0	28	83	0	0	374
08:30	0	31	2	4	0	0	9	87	95	0	0	1	3	3	0	0	26	80	0	0	341
08:45	0	17	1	1	0	0	4	48	73	0	0	3	1	3	0	0	16	63	0	0	230
Total	0	100	6	12	0	0	27	359	379	0	0	6	14	19	0	0	88	308	0	0	1318
09:00	0	28	1	1	0	0	5	48	53	0	0	1	0	2	0	0	13	42	1	0	195
*****BREAK*****																					
Total	0	28	1	1	0	0	5	48	53	0	0	1	0	2	0	0	13	42	1	0	195
*****BREAK*****																					
10:15	0	46	0	6	0	0	2	32	34	0	0	4	2	6	0	0	5	54	0	0	191
10:30	0	37	1	3	0	0	6	24	35	0	0	0	2	6	0	0	7	49	1	0	171
10:45	0	50	4	5	0	0	10	37	37	0	0	3	3	4	0	0	1	57	0	0	211
Total	0	133	5	14	0	0	18	93	106	0	0	7	7	16	0	0	13	160	1	0	573
11:00	0	47	3	5	0	0	8	68	37	0	0	2	0	5	0	0	6	76	1	0	258
11:15	0	64	5	6	0	0	5	48	29	0	0	1	6	8	0	0	5	74	0	0	251
11:30	0	79	4	7	0	0	14	40	46	0	0	1	5	3	0	0	9	74	2	0	284
11:45	0	102	8	7	0	0	12	65	60	0	0	4	7	6	0	0	4	78	1	0	354
Total	0	292	20	25	0	0	39	221	172	0	0	8	18	22	0	0	24	302	4	0	1147
12:00	1	54	7	10	0	0	17	79	52	0	0	4	5	16	0	0	11	76	0	0	332
12:15	0	61	8	4	0	0	12	56	47	0	0	4	8	20	0	0	16	62	0	0	298
12:30	0	44	10	2	0	0	11	83	76	0	0	4	14	12	0	0	16	61	0	0	333
12:45	0	61	12	6	0	0	11	57	65	0	0	7	9	13	0	0	7	68	0	0	316
Total	1	220	37	22	0	0	51	275	240	0	0	19	36	61	0	0	50	267	0	0	1279
13:00	0	38	5	5	0	0	5	62	74	0	0	1	9	10	0	0	7	54	1	0	271
*****BREAK*****																					
Total	0	38	5	5	0	0	5	62	74	0	0	1	9	10	0	0	7	54	1	0	271
*****BREAK*****																					
14:15	0	72	1	4	0	0	6	37	38	0	0	0	1	8	0	0	4	69	0	0	240
14:30	3	53	2	7	0	0	9	44	32	0	0	0	4	7	0	0	9	51	2	0	223
14:45	0	115	2	7	0	0	1	36	30	0	0	0	2	7	0	0	1	52	0	0	253
Total	3	240	5	18	0	0	16	117	100	0	0	0	7	22	0	0	14	172	2	0	716
15:00	0	82	1	6	0	0	3	33	38	0	0	2	0	6	0	0	2	55	0	0	228
15:15	0	82	1	4	0	0	5	44	30	0	0	1	2	5	0	0	8	105	0	0	287
15:30	0	85	1	9	0	0	1	46	36	0	0	2	0	7	0	0	8	72	0	0	267
15:45	0	139	1	12	0	0	7	70	25	0	0	0	0	3	0	0	8	125	0	0	390
Total	0	388	4	31	0	0	16	193	129	0	0	5	2	21	0	0	26	357	0	0	1172
16:00	0	100	2	6	0	0	4	65	32	0	0	0	2	3	0	0	10	163	0	0	387
16:15	0	131	0	13	0	0	4	55	35	0	0	1	1	6	0	0	6	207	0	0	459
16:30	0	105	4	18	0	0	2	68	37	0	0	1	1	5	0	0	10	201	0	0	452
16:45	0	151	1	18	0	0	3	93	28	0	0	2	0	3	0	0	12	218	0	0	529
Total	0	487	7	55	0	0	13	281	132	0	0	4	4	17	0	0	38	789	0	0	1827

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File Name : 404 - 77th Street & Metro Boulevard
 Site Code : 404
 Start Date : 2/11/2014
 Page No : 2

Groups Printed- Cars

Start Time	Metro Boulevard Southbound					77th Street Westbound					Metro Boulevard 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	92	1	13	0	0	6	72	32	0	0	1	1	2	0	0	4	171	0	0	395
17:15	0	100	0	18	0	0	6	49	33	0	0	1	0	3	0	0	8	162	2	0	382
17:30	0	59	5	8	0	0	4	48	18	0	0	1	2	8	0	0	8	121	0	0	282
17:45	0	9	6	2	0	0	27	87	14	0	0	9	22	40	0	0	6	73	2	0	297
Total	0	260	12	41	0	0	43	256	97	0	0	12	25	53	0	0	26	527	4	0	1356
Grand Total	4	2342	114	249	0	0	270	2542	2051	0	0	66	143	265	0	0	438	3600	16	0	12100
Apprch %	0.1	86.5	4.2	9.2	0	0	5.6	52.3	42.2	0	0	13.9	30.2	55.9	0	0	10.8	88.8	0.4	0	
Total %	0	19.4	0.9	2.1	0	0	2.2	21	17	0	0	0.5	1.2	2.2	0	0	3.6	29.8	0.1	0	

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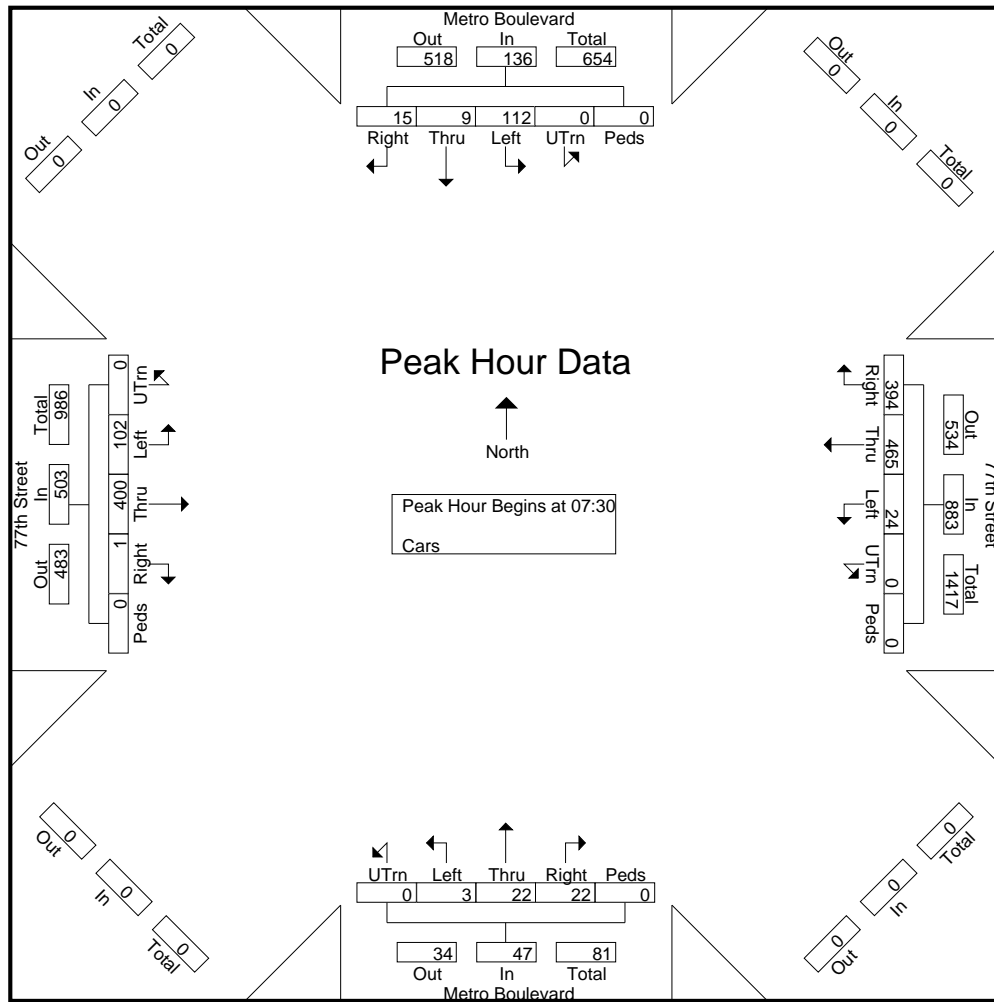
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File Name : 404 - 77th Street & Metro Boulevard
 Site Code : 404
 Start Date : 2/11/2014
 Page No : 3

Start Time	Metro Boulevard Southbound					77th Street Westbound					Metro Boulevard 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	22	1	3	0	26	0	7	118	96	0	221	0	0	3	2	0	5	0	28	107	1	0	136	388
07:45	0	38	5	5	0	48	0	3	123	87	0	213	0	1	9	7	0	17	0	28	128	0	0	156	434
08:00	0	22	0	2	0	24	0	5	122	104	0	231	0	0	7	11	0	18	0	18	82	0	0	100	373
08:15	0	30	3	5	0	38	0	9	102	107	0	218	0	2	3	2	0	7	0	28	83	0	0	111	374
Total Volume	0	112	9	15	0	136	0	24	465	394	0	883	0	3	22	22	0	47	0	102	400	1	0	503	1569
% App. Total	0	82.4	6.6	11	0		0	2.7	52.7	44.6	0		0	6.4	46.8	46.8	0		0	20.3	79.5	0.2	0		
PHF	.000	.737	.450	.750	.000	.708	.000	.667	.945	.921	.000	.956	.000	.375	.611	.500	.000	.653	.000	.911	.781	.250	.000	.806	.904

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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 Start Date : 2/11/2014
 Page No : 4

Start Time	Metro Boulevard Southbound						77th Street Westbound						Metro Boulevard 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	
16:15	0	13	0	13	0	144	0	4	55	35	0	94	0	1	1	6	0	8	0	6	20	0	0	213	459
16:30	0	10	0	18	0	127	0	2	68	37	0	107	0	1	1	5	0	7	0	10	201	0	0	211	452
16:45	0	151	1	18	0	170	0	3	93	28	0	124	0	2	0	3	0	5	0	12	218	0	0	230	529
17:00	0	92	1	13	0	106	0	6	72	32	0	110	0	1	1	2	0	4	0	4	171	0	0	175	395
Total Volume	0	479	6	62	0	547	0	15	288	132	0	435	0	5	3	16	0	24	0	32	797	0	0	829	1835
% App. Total	0	87.6	1.1	11.3	0		0	3.4	66.2	30.3	0		0	20.8	12.5	66.7	0		0	3.9	96.1	0	0		
PHF	.000	.793	.375	.861	.000	.804	.000	.625	.774	.892	.000	.877	.000	.625	.750	.667	.000	.750	.000	.667	.914	.000	.000	.901	.867

