

Alliant Engineering, Inc

733 Marquette Ave, Ste 700
 Minneapolis, MN 55402

--TRAFFIC DATA--

413_TH 41 & 82nd Street
 Ref. Pt.: 6.709
 data by: Alliant Inc.
 TURN MOVEMENT COUNT

File Name : 413_TH 41 & 82nd Street
 Site Code : 00000413
 Start Date : 9/19/2018
 Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 41 From North					82nd Street From East					TH 41 From South					82nd Street From West					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	9	27	8	0	44	9	3	1	0	13	2	24	11	0	37	1	1	0	0	2	96
06:15 AM	20	35	15	0	70	14	7	2	0	23	3	21	11	0	35	5	4	2	0	11	139
06:30 AM	16	46	14	0	76	5	6	3	0	14	5	33	16	0	54	2	0	1	0	3	147
06:45 AM	32	65	9	0	106	12	5	2	0	19	10	62	27	0	99	0	2	6	0	8	232
Total	77	173	46	0	296	40	21	8	0	69	20	140	65	0	225	8	7	9	0	24	614
07:00 AM	21	84	6	0	111	16	5	9	0	30	4	61	29	0	94	10	6	6	0	22	257
07:15 AM	11	95	2	0	108	8	1	3	0	12	3	80	18	0	101	18	14	9	0	41	262
07:30 AM	24	96	1	0	121	9	1	3	0	13	4	120	37	1	162	13	14	24	0	51	347
07:45 AM	12	136	3	0	151	12	1	5	0	18	8	93	46	0	147	7	15	18	0	40	356
Total	68	411	12	0	491	45	8	20	0	73	19	354	130	1	504	48	49	57	0	154	1222
08:00 AM	23	113	3	0	139	7	2	3	0	12	5	72	43	0	120	3	8	6	0	17	288
08:15 AM	12	99	3	0	114	8	2	6	0	16	0	96	38	0	134	2	1	5	0	8	272
08:30 AM	10	86	4	0	100	10	3	3	0	16	4	91	24	1	120	2	2	4	0	8	244
08:45 AM	15	103	6	0	124	9	1	0	0	10	1	105	18	0	124	3	1	1	0	5	263
Total	60	401	16	0	477	34	8	12	0	54	10	364	123	1	498	10	12	16	0	38	1067
09:00 AM	8	84	4	0	96	8	1	0	0	9	3	75	24	0	102	4	5	6	0	15	222
09:15 AM	7	68	6	1	82	13	3	3	0	19	12	63	15	2	92	4	6	2	1	13	206
*** BREAK ***																					
Total	15	152	10	1	178	21	4	3	0	28	15	138	39	2	194	8	11	8	1	28	428
*** BREAK ***																					
10:30 AM	8	49	4	0	61	13	2	8	0	23	3	71	11	0	85	4	0	2	0	6	175
10:45 AM	7	66	6	0	79	25	3	4	0	32	1	78	7	0	86	1	1	2	0	4	201
Total	15	115	10	0	140	38	5	12	0	55	4	149	18	0	171	5	1	4	0	10	376
11:00 AM	8	49	8	0	65	13	1	6	0	20	3	87	9	0	99	3	1	7	0	11	195
11:15 AM	3	89	0	0	92	20	0	12	0	32	3	86	21	0	110	6	3	5	0	14	248
11:30 AM	0	64	3	0	67	25	1	3	0	29	3	77	12	0	92	4	1	5	0	10	198
11:45 AM	7	80	4	0	91	12	1	4	0	17	4	75	14	0	93	3	0	2	0	5	206
Total	18	282	15	0	315	70	3	25	0	98	13	325	56	0	394	16	5	19	0	40	847
12:00 PM	2	70	2	0	74	28	2	6	1	37	3	89	19	0	111	3	3	5	0	11	233
12:15 PM	8	75	2	1	86	21	1	5	1	28	1	93	22	0	116	6	2	3	0	11	241
12:30 PM	7	84	6	0	97	23	2	6	0	31	5	94	12	0	111	3	1	4	0	8	247
12:45 PM	4	95	4	0	103	17	2	7	0	26	4	80	18	0	102	2	2	10	0	14	245
Total	21	324	14	1	360	89	7	24	2	122	13	356	71	0	440	14	8	22	0	44	966
01:00 PM	13	71	4	0	88	18	2	6	0	26	1	90	21	0	112	6	1	7	0	14	240
01:15 PM	7	90	3	0	100	18	3	9	0	30	6	96	18	0	120	2	0	4	0	6	256
*** BREAK ***																					
Total	20	161	7	0	188	36	5	15	0	56	7	186	39	0	232	8	1	11	0	20	496
*** BREAK ***																					
02:30 PM	8	87	16	0	111	18	9	17	0	44	8	107	14	0	129	3	2	3	0	8	292
02:45 PM	6	79	2	0	87	20	5	6	0	31	6	93	12	0	111	1	1	3	0	5	234
Total	14	166	18	0	198	38	14	23	0	75	14	200	26	0	240	4	3	6	0	13	526
03:00 PM	3	104	2	0	109	20	2	26	0	48	9	142	16	0	167	22	8	7	0	37	361
03:15 PM	7	123	0	1	131	21	0	23	0	44	0	124	11	0	135	21	8	7	0	36	346
03:30 PM	6	113	2	0	121	30	2	25	0	57	3	106	11	0	120	5	9	6	0	20	318
03:45 PM	7	93	0	0	100	20	1	16	0	37	3	129	20	0	152	5	1	2	0	8	297
Total	23	433	4	1	461	91	5	90	0	186	15	501	58	0	574	53	26	22	0	101	1322

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Start Time	TH 41 From North					82nd Street From East					TH 41 From South					82nd Street From West					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
04:00 PM	4	82	2	0	88	26	1	40	0	67	3	140	25	0	168	2	2	8	0	12	335
04:15 PM	4	119	2	0	125	33	2	30	0	65	5	151	16	0	172	4	1	3	0	8	370
04:30 PM	3	80	4	0	87	28	8	25	0	61	8	142	14	0	164	4	2	4	0	10	322
04:45 PM	5	109	6	0	120	39	7	21	0	67	2	154	15	0	171	3	1	8	0	12	370
Total	16	390	14	0	420	126	18	116	0	260	18	587	70	0	675	13	6	23	0	42	1397
05:00 PM	6	124	3	0	133	41	4	41	0	86	2	159	21	0	182	1	3	5	0	9	410
05:15 PM	5	97	4	0	106	38	7	35	0	80	5	131	14	0	150	2	2	3	0	7	343
05:30 PM	4	118	4	0	126	31	7	13	0	51	6	108	16	0	130	2	3	3	0	8	315
05:45 PM	4	116	3	0	123	19	5	4	0	28	4	124	15	0	143	3	0	7	0	10	304
Total	19	455	14	0	488	129	23	93	0	245	17	522	66	0	605	8	8	18	0	34	1372
Grand Total	366	3463	180	3	4012	757	121	441	2	1321	165	3822	761	4	4752	195	137	215	1	548	10633
Apprch %	9.1	86.3	4.5	0.1		57.3	9.2	33.4	0.2		3.5	80.4	16	0.1		35.6	25	39.2	0.2		
Total %	3.4	32.6	1.7	0	37.7	7.1	1.1	4.1	0	12.4	1.6	35.9	7.2	0	44.7	1.8	1.3	2	0	5.2	
Class 1	347	3303	157	1	3808	731	116	424	0	1271	133	3622	735	0	4490	176	132	174	0	482	10051
% Class 1	94.8	95.4	87.2	33.3	94.9	96.6	95.9	96.1	0	96.2	80.6	94.8	96.6	0	94.5	90.3	96.4	80.9	0	88	94.5
Class 2	19	160	23	2	204	26	5	17	2	50	32	200	26	4	262	19	5	41	1	66	582
% Class 2	5.2	4.6	12.8	66.7	5.1	3.4	4.1	3.9	100	3.8	19.4	5.2	3.4	100	5.5	9.7	3.6	19.1	100	12	5.5

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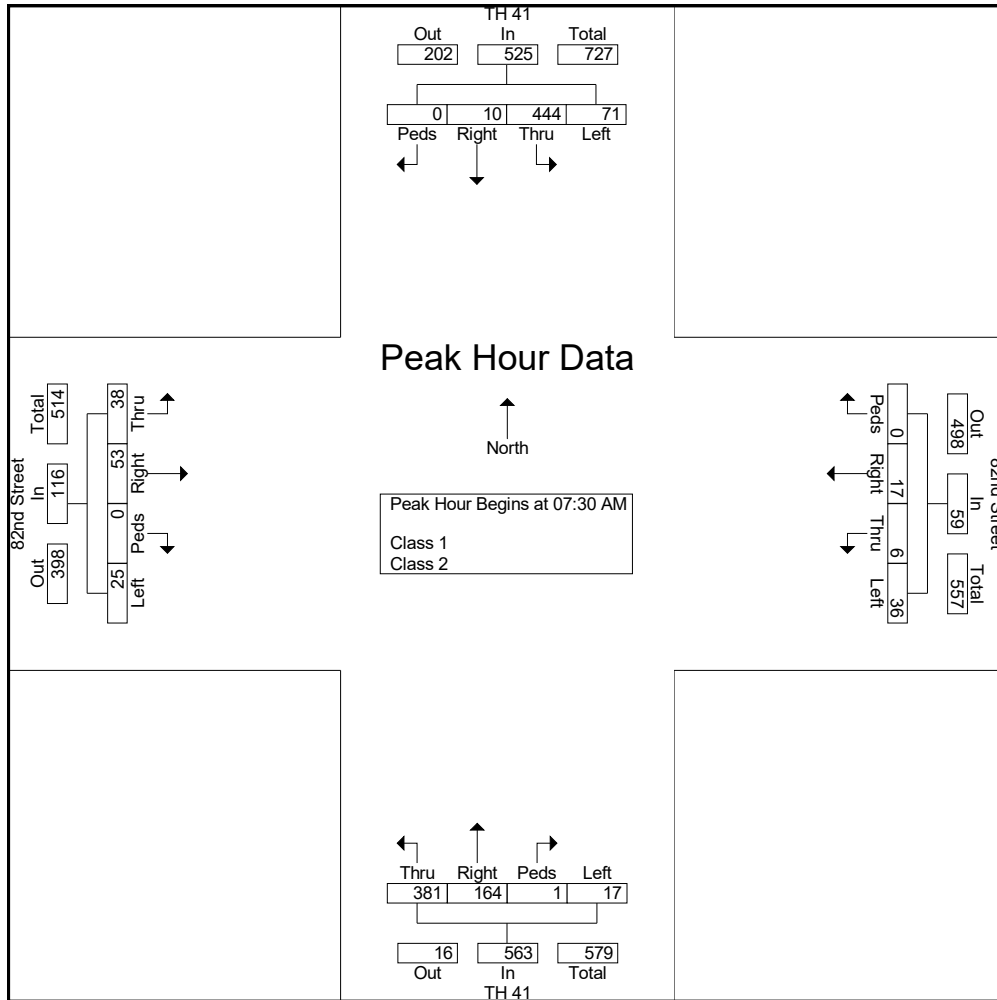
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	24	96	1	0	121	9	1	3	0	13	4	120	37	1	162	13	14	24	0	51	347
07:45 AM	12	136	3	0	151	12	1	5	0	18	8	93	46	0	147	7	15	18	0	40	356
08:00 AM	23	113	3	0	139	7	2	3	0	12	5	72	43	0	120	3	8	6	0	17	288
08:15 AM	12	99	3	0	114	8	2	6	0	16	0	96	38	0	134	2	1	5	0	8	272
Total Volume	71	444	10	0	525	36	6	17	0	59	17	381	164	1	563	25	38	53	0	116	1263
% App. Total	13.5	84.6	1.9	0		61	10.2	28.8	0		3	67.7	29.1	0.2		21.6	32.8	45.7	0		
PHF	.740	.816	.833	.000	.869	.750	.750	.708	.000	.819	.531	.794	.891	.250	.869	.481	.633	.552	.000	.569	.887



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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	4	119	2	0	125	33	2	30	0	65	5	151	16	0	172	4	1	3	0	8	370
04:30 PM	3	80	4	0	87	28	8	25	0	61	8	142	14	0	164	4	2	4	0	10	322
04:45 PM	5	109	6	0	120	39	7	21	0	67	2	154	15	0	171	3	1	8	0	12	370
05:00 PM	6	124	3	0	133	41	4	41	0	86	2	159	21	0	182	1	3	5	0	9	410
Total Volume	18	432	15	0	465	141	21	117	0	279	17	606	66	0	689	12	7	20	0	39	1472
% App. Total	3.9	92.9	3.2	0		50.5	7.5	41.9	0		2.5	88	9.6	0		30.8	17.9	51.3	0		
PHF	.750	.871	.625	.000	.874	.860	.656	.713	.000	.811	.531	.953	.786	.000	.946	.750	.583	.625	.000	.813	.898

