

Alliant Engineering, Inc

733 Marquette Ave, Ste 700

Minneapolis, MN 55402

--TRAFFIC DATA--

410_TH 41 & Pioneer Trail
 Ref. Pt.: 4.737
 data by: Alliant Inc.
 TURN MOVEMENT COUNT

File Name : 410_TH 41 & Pioneer Trail
 Site Code : 00000410
 Start Date : 9/20/2018
 Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 41 From North					Pioneer Trail From East					TH 41 From South					Pioneer Trail 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	3	20	6	0	29	1	8	0	0	9	11	35	2	0	48	11	23	22	0	56	142
06:15 AM	1	38	2	0	41	2	4	2	0	8	8	69	8	0	85	14	20	16	0	50	184
06:30 AM	2	23	1	0	26	4	9	3	0	16	9	88	7	0	104	20	38	20	0	78	224
06:45 AM	3	23	7	0	33	11	15	1	0	27	16	115	10	0	141	38	36	34	0	108	309
Total	9	104	16	0	129	18	36	6	0	60	44	307	27	0	378	83	117	92	0	292	859
07:00 AM	11	33	8	0	52	5	29	2	0	36	11	88	8	0	107	32	70	31	0	133	328
07:15 AM	9	39	6	0	54	8	27	3	0	38	13	146	7	0	166	58	59	36	1	154	412
07:30 AM	12	53	9	1	75	14	40	11	0	65	22	137	10	0	169	80	87	45	0	212	521
07:45 AM	12	52	14	0	78	18	35	6	0	59	13	185	19	1	218	77	71	38	0	186	541
Total	44	177	37	1	259	45	131	22	0	198	59	556	44	1	660	247	287	150	1	685	1802
08:00 AM	9	58	10	0	77	15	37	6	0	58	22	142	19	0	183	44	60	43	0	147	465
08:15 AM	15	55	11	0	81	17	25	2	0	44	30	133	16	0	179	49	43	42	0	134	438
08:30 AM	7	58	16	0	81	19	39	6	0	64	20	116	16	0	152	42	65	37	0	144	441
08:45 AM	13	57	15	0	85	15	31	5	0	51	18	97	14	0	129	28	45	26	0	99	364
Total	44	228	52	0	324	66	132	19	0	217	90	488	65	0	643	163	213	148	0	524	1708
09:00 AM	17	46	14	1	78	20	37	7	0	64	11	72	18	1	102	31	43	24	0	98	342
09:15 AM	9	55	17	0	81	21	20	8	0	49	5	104	21	0	130	36	60	26	0	122	382
*** BREAK ***																					
Total	26	101	31	1	159	41	57	15	0	113	16	176	39	1	232	67	103	50	0	220	724
*** BREAK ***																					
10:30 AM	12	53	16	0	81	24	32	5	0	61	18	54	23	0	95	18	28	22	0	68	305
10:45 AM	22	36	17	0	75	12	23	5	0	40	16	34	17	0	67	24	36	14	0	74	256
Total	34	89	33	0	156	36	55	10	0	101	34	88	40	0	162	42	64	36	0	142	561
11:00 AM	21	54	21	0	96	27	30	11	0	68	13	52	23	0	88	22	23	12	0	57	309
11:15 AM	29	52	22	0	103	25	46	6	0	77	15	57	25	1	98	22	41	21	0	84	362
11:30 AM	25	76	25	0	126	45	47	8	0	100	13	69	30	0	112	26	36	21	0	83	421
11:45 AM	22	42	19	0	83	29	57	13	0	99	21	62	22	0	105	31	42	23	0	96	383
Total	97	224	87	0	408	126	180	38	0	344	62	240	100	1	403	101	142	77	0	320	1475
12:00 PM	30	56	22	0	108	31	48	6	0	85	19	60	27	0	106	35	51	28	0	114	413
12:15 PM	33	52	12	0	97	41	63	8	0	112	17	63	16	1	97	27	44	26	0	97	403
12:30 PM	36	49	20	0	105	50	47	5	0	102	19	70	28	0	117	27	41	21	0	89	413
12:45 PM	16	61	27	0	104	43	57	17	0	117	12	67	20	0	99	30	39	16	0	85	405
Total	115	218	81	0	414	165	215	36	0	416	67	260	91	1	419	119	175	91	0	385	1634
01:00 PM	25	61	10	0	96	38	66	10	0	114	20	62	14	0	96	30	32	23	0	85	391
01:15 PM	18	62	17	1	98	38	42	12	0	92	18	62	19	0	99	16	28	25	0	69	358
*** BREAK ***																					
Total	43	123	27	1	194	76	108	22	0	206	38	124	33	0	195	46	60	48	0	154	749
*** BREAK ***																					
02:30 PM	19	92	20	0	131	39	53	6	0	98	28	67	19	0	114	27	45	12	0	84	427
02:45 PM	21	66	23	0	110	37	78	5	0	120	28	59	20	0	107	16	43	21	0	80	417
Total	40	158	43	0	241	76	131	11	0	218	56	126	39	0	221	43	88	33	0	164	844
03:00 PM	22	98	27	0	147	42	100	1	0	143	21	62	26	0	109	35	34	22	0	91	490
03:15 PM	14	88	34	0	136	33	82	7	0	122	23	57	27	0	107	27	39	28	0	94	459
03:30 PM	30	84	22	1	137	32	72	7	0	111	37	73	17	0	127	19	49	31	1	100	475
03:45 PM	12	95	22	0	129	38	87	7	0	132	33	83	23	0	139	38	63	17	0	118	518
Total	78	365	105	1	549	145	341	22	0	508	114	275	93	0	482	119	185	98	1	403	1942

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Groups Printed- Class 1 - Class 2

Start Time	TH 41 From North					Pioneer Trail From East					TH 41 From South					Pioneer Trail 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	19	102	41	0	162	44	100	6	0	150	38	63	27	0	128	38	49	19	0	106	546
04:15 PM	21	105	42	0	168	35	86	6	0	127	30	61	36	0	127	34	41	19	0	94	516
04:30 PM	27	90	43	0	160	40	87	9	1	137	41	61	19	1	122	23	59	19	0	101	520
04:45 PM	16	97	37	0	150	45	81	5	0	131	36	81	35	0	152	36	48	26	0	110	543
Total	83	394	163	0	640	164	354	26	1	545	145	266	117	1	529	131	197	83	0	411	2125
05:00 PM	11	115	48	0	174	38	81	9	0	128	38	53	15	0	106	28	46	24	0	98	506
05:15 PM	20	106	42	0	168	46	80	4	0	130	40	78	22	0	140	38	41	21	0	100	538
05:30 PM	18	97	51	0	166	34	85	0	0	119	35	82	27	0	144	40	50	25	0	115	544
05:45 PM	17	85	35	0	137	48	100	5	0	153	31	80	30	0	141	30	48	26	0	104	535
Total	66	403	176	0	645	166	346	18	0	530	144	293	94	0	531	136	185	96	0	417	2123
Grand Total	679	2584	851	4	4118	1124	2086	245	1	3456	869	3199	782	5	4855	1297	1816	1002	2	4117	16546
Apprch %	16.5	62.7	20.7	0.1		32.5	60.4	7.1	0		17.9	65.9	16.1	0.1		31.5	44.1	24.3	0		
Total %	4.1	15.6	5.1	0	24.9	6.8	12.6	1.5	0	20.9	5.3	19.3	4.7	0	29.3	7.8	11	6.1	0	24.9	
Class 1	659	2440	829	1	3929	1073	2030	231	0	3334	833	3062	749	2	4646	1262	1777	969	2	4010	15919
% Class 1	97.1	94.4	97.4	25	95.4	95.5	97.3	94.3	0	96.5	95.9	95.7	95.8	40	95.7	97.3	97.9	96.7	100	97.4	96.2
Class 2	20	144	22	3	189	51	56	14	1	122	36	137	33	3	209	35	39	33	0	107	627
% Class 2	2.9	5.6	2.6	75	4.6	4.5	2.7	5.7	100	3.5	4.1	4.3	4.2	60	4.3	2.7	2.1	3.3	0	2.6	3.8

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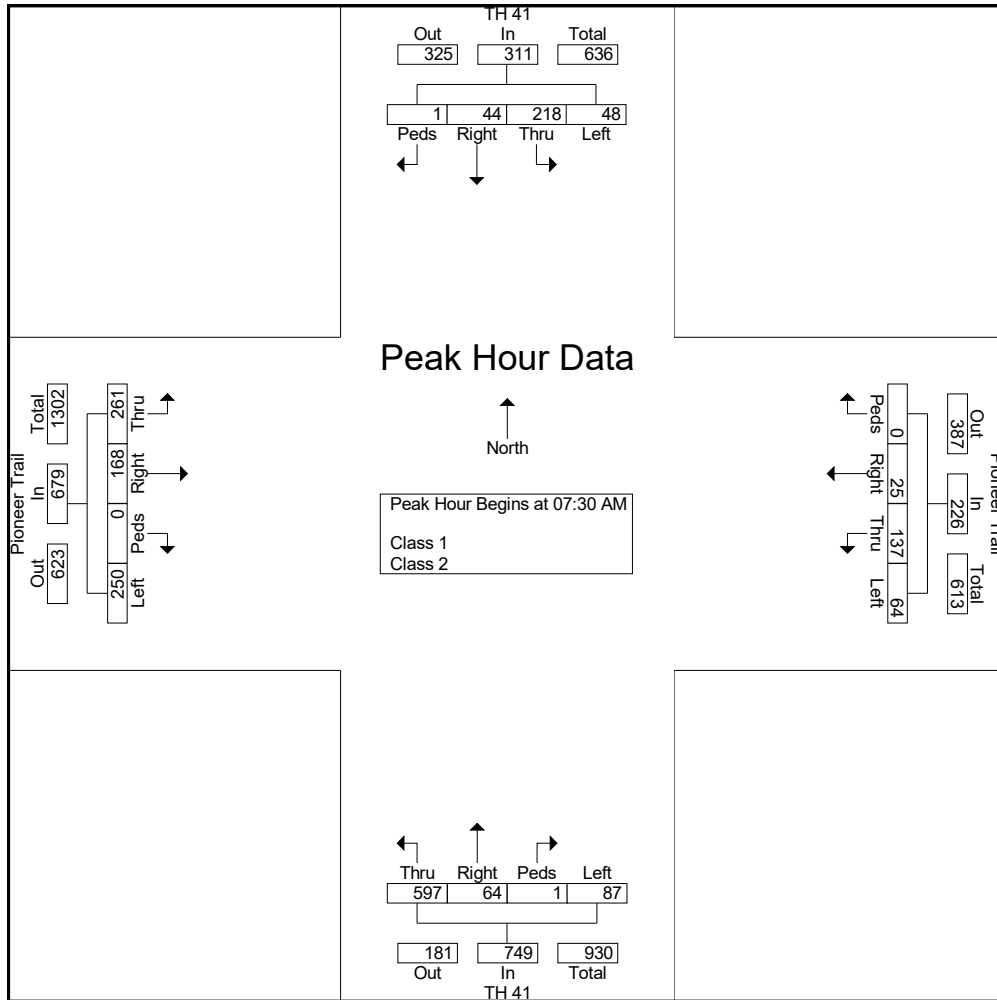
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	12	53	9	1	75	14	40	11	0	65	22	137	10	0	169	80	87	45	0	212	521
07:45 AM	12	52	14	0	78	18	35	6	0	59	13	185	19	1	218	77	71	38	0	186	541
08:00 AM	9	58	10	0	77	15	37	6	0	58	22	142	19	0	183	44	60	43	0	147	465
08:15 AM	15	55	11	0	81	17	25	2	0	44	30	133	16	0	179	49	43	42	0	134	438
Total Volume	48	218	44	1	311	64	137	25	0	226	87	597	64	1	749	250	261	168	0	679	1965
% App. Total	15.4	70.1	14.1	0.3		28.3	60.6	11.1	0		11.6	79.7	8.5	0.1		36.8	38.4	24.7	0		
PHF	.800	.940	.786	.250	.960	.889	.856	.568	.000	.869	.725	.807	.842	.250	.859	.781	.750	.933	.000	.801	.908



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Start Time	TH 41 From North					Pioneer Trail From East					TH 41 From South					Pioneer Trail 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	
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	16	97	37	0	150	45	81	5	0	131	36	81	35	0	152	36	48	26	0	110	543
05:00 PM	11	115	48	0	174	38	81	9	0	128	38	53	15	0	106	28	46	24	0	98	506
05:15 PM	20	106	42	0	168	46	80	4	0	130	40	78	22	0	140	38	41	21	0	100	538
05:30 PM	18	97	51	0	166	34	85	0	0	119	35	82	27	0	144	40	50	25	0	115	544
Total Volume	65	415	178	0	658	163	327	18	0	508	149	294	99	0	542	142	185	96	0	423	2131
% App. Total	9.9	63.1	27.1	0		32.1	64.4	3.5	0		27.5	54.2	18.3	0		33.6	43.7	22.7	0		
PHF	.813	.902	.873	.000	.945	.886	.962	.500	.000	.969	.931	.896	.707	.000	.891	.888	.925	.923	.000	.920	.979

