

Alliant Engineering, Inc

733 Marquette Ave, Ste 700
 Minneapolis, MN 55402

--TRAFFIC DATA--

409_TH 41 & Hundertmark Road
 Ref. Pt.: 4.118
 data by: Alliant Inc.
 TURN MOVEMENT COUNT

File Name : 409_TH 41 & Hundertmark Road
 Site Code : 00000409
 Start Date : 9/19/2018
 Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 41 From North					Hundertmark Road From East					TH 41 From South					Hundertmark Road 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	1	47	1	0	49	10	6	1	0	17	9	50	18	0	77	6	10	32	0	48	191
06:15 AM	0	51	3	0	54	14	7	2	0	23	15	72	17	0	104	10	10	47	0	67	248
06:30 AM	1	52	2	0	55	21	7	3	0	31	11	77	42	0	130	12	26	78	0	116	332
06:45 AM	1	69	3	0	73	30	19	0	0	49	27	134	45	0	206	13	41	79	0	133	461
Total	3	219	9	0	231	75	39	6	0	120	62	333	122	0	517	41	87	236	0	364	1232
07:00 AM	3	50	7	1	61	29	10	2	0	41	30	111	46	0	187	20	33	97	0	150	439
07:15 AM	4	83	8	0	95	23	15	3	0	41	26	135	63	0	224	29	45	79	0	153	513
07:30 AM	9	64	7	0	80	20	19	3	0	42	45	176	114	0	335	34	53	64	0	151	608
07:45 AM	10	88	6	0	104	29	23	2	1	55	30	175	97	0	302	42	73	67	0	182	643
Total	26	285	28	1	340	101	67	10	1	179	131	597	320	0	1048	125	204	307	0	636	2203
08:00 AM	9	91	15	0	115	32	12	2	0	46	29	133	57	0	219	21	18	68	0	107	487
08:15 AM	7	96	4	0	107	35	14	6	0	55	34	118	68	0	220	23	24	68	0	115	497
08:30 AM	10	76	7	2	95	34	14	4	0	52	33	141	47	0	221	19	28	53	0	100	468
08:45 AM	15	63	10	0	88	28	17	3	0	48	31	94	49	0	174	21	24	58	0	103	413
Total	41	326	36	2	405	129	57	15	0	201	127	486	221	0	834	84	94	247	0	425	1865
09:00 AM	5	76	6	1	88	22	22	6	1	51	36	78	40	0	154	14	22	61	0	97	390
09:15 AM	8	70	4	0	82	15	17	7	0	39	36	89	53	0	178	18	25	64	0	107	406
*** BREAK ***																					
Total	13	146	10	1	170	37	39	13	1	90	72	167	93	0	332	32	47	125	0	204	796
*** BREAK ***																					
10:30 AM	8	70	11	0	89	26	15	12	0	53	16	98	42	0	156	9	18	27	0	54	352
10:45 AM	8	71	7	0	86	29	13	10	0	52	22	103	29	0	154	12	14	25	0	51	343
Total	16	141	18	0	175	55	28	22	0	105	38	201	71	0	310	21	32	52	0	105	695
11:00 AM	4	51	2	0	57	44	15	8	0	67	14	83	44	0	141	13	8	20	0	41	306
11:15 AM	7	81	6	0	94	33	21	10	0	64	13	87	22	0	122	11	19	28	0	58	338
11:30 AM	5	85	16	1	107	38	16	12	0	66	25	107	27	0	159	4	14	30	0	48	380
11:45 AM	5	88	2	0	95	42	12	11	0	65	33	95	26	0	154	11	17	25	2	55	369
Total	21	305	26	1	353	157	64	41	0	262	85	372	119	0	576	39	58	103	2	202	1393
12:00 PM	6	85	5	0	96	54	17	7	0	78	19	93	34	0	146	13	25	27	0	65	385
12:15 PM	6	93	8	0	107	40	19	9	0	68	30	102	33	0	165	8	16	18	0	42	382
12:30 PM	8	96	7	0	111	59	21	11	0	91	23	89	44	0	156	14	19	32	0	65	423
12:45 PM	8	122	5	0	135	23	18	6	0	47	23	101	33	0	157	12	16	15	0	43	382
Total	28	396	25	0	449	176	75	33	0	284	95	385	144	0	624	47	76	92	0	215	1572
01:00 PM	1	72	2	0	75	37	15	2	0	54	36	113	28	0	177	14	21	28	0	63	369
01:15 PM	4	94	8	1	107	39	32	5	0	76	23	94	30	0	147	6	26	21	0	53	383
*** BREAK ***																					
Total	5	166	10	1	182	76	47	7	0	130	59	207	58	0	324	20	47	49	0	116	752
*** BREAK ***																					
02:30 PM	9	112	14	2	137	41	21	13	0	75	27	84	54	0	165	16	35	30	0	81	458
02:45 PM	4	97	12	0	113	49	44	8	0	101	35	86	46	1	168	15	34	32	0	81	463
Total	13	209	26	2	250	90	65	21	0	176	62	170	100	1	333	31	69	62	0	162	921
03:00 PM	8	105	13	1	127	69	31	6	0	106	25	65	40	2	132	20	29	29	0	78	443
03:15 PM	5	154	11	0	170	36	23	6	0	65	49	89	62	3	203	11	25	23	0	59	497
03:30 PM	3	123	10	1	137	55	41	4	0	100	57	94	52	0	203	16	25	35	0	76	516
03:45 PM	3	117	14	0	134	72	39	4	1	116	53	105	48	0	206	18	26	36	0	80	536
Total	19	499	48	2	568	232	134	20	1	387	184	353	202	5	744	65	105	123	0	293	1992

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Start Time	TH 41 From North					Hundertmark Road From East					TH 41 From South					Hundertmark Road 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	5	120	7	0	132	57	45	6	2	110	71	112	40	0	223	20	20	42	0	82	547
04:15 PM	1	114	13	1	129	38	27	6	0	71	72	115	47	0	234	18	22	45	0	85	519
04:30 PM	4	131	10	0	145	79	26	5	0	110	59	138	50	8	255	12	15	34	0	61	571
04:45 PM	4	148	13	0	165	59	30	6	0	95	95	137	50	0	282	26	26	31	0	83	625
Total	14	513	43	1	571	233	128	23	2	386	297	502	187	8	994	76	83	152	0	311	2262
05:00 PM	4	123	11	0	138	49	33	4	0	86	95	133	48	0	276	21	16	30	0	67	567
05:15 PM	1	125	11	0	137	70	31	2	0	103	77	141	45	0	263	23	20	39	0	82	585
05:30 PM	0	114	12	0	126	49	32	6	0	87	83	147	63	0	293	23	15	40	0	78	584
05:45 PM	4	115	14	0	133	51	28	7	0	86	70	158	66	0	294	12	26	32	0	70	583
Total	9	477	48	0	534	219	124	19	0	362	325	579	222	0	1126	79	77	141	0	297	2319
Grand Total	208	3682	327	11	4228	1580	867	230	5	2682	1537	4352	1859	14	7762	660	979	1689	2	3330	18002
Apprch %	4.9	87.1	7.7	0.3		58.9	32.3	8.6	0.2		19.8	56.1	24	0.2		19.8	29.4	50.7	0.1		
Total %	1.2	20.5	1.8	0.1	23.5	8.8	4.8	1.3	0	14.9	8.5	24.2	10.3	0.1	43.1	3.7	5.4	9.4	0	18.5	
Class 1	200	3431	320	7	3958	1522	838	220	3	2583	1471	4048	1779	9	7307	649	955	1647	2	3253	17101
% Class 1	96.2	93.2	97.9	63.6	93.6	96.3	96.7	95.7	60	96.3	95.7	93	95.7	64.3	94.1	98.3	97.5	97.5	100	97.7	95
Class 2	8	251	7	4	270	58	29	10	2	99	66	304	80	5	455	11	24	42	0	77	901
% Class 2	3.8	6.8	2.1	36.4	6.4	3.7	3.3	4.3	40	3.7	4.3	7	4.3	35.7	5.9	1.7	2.5	2.5	0	2.3	5

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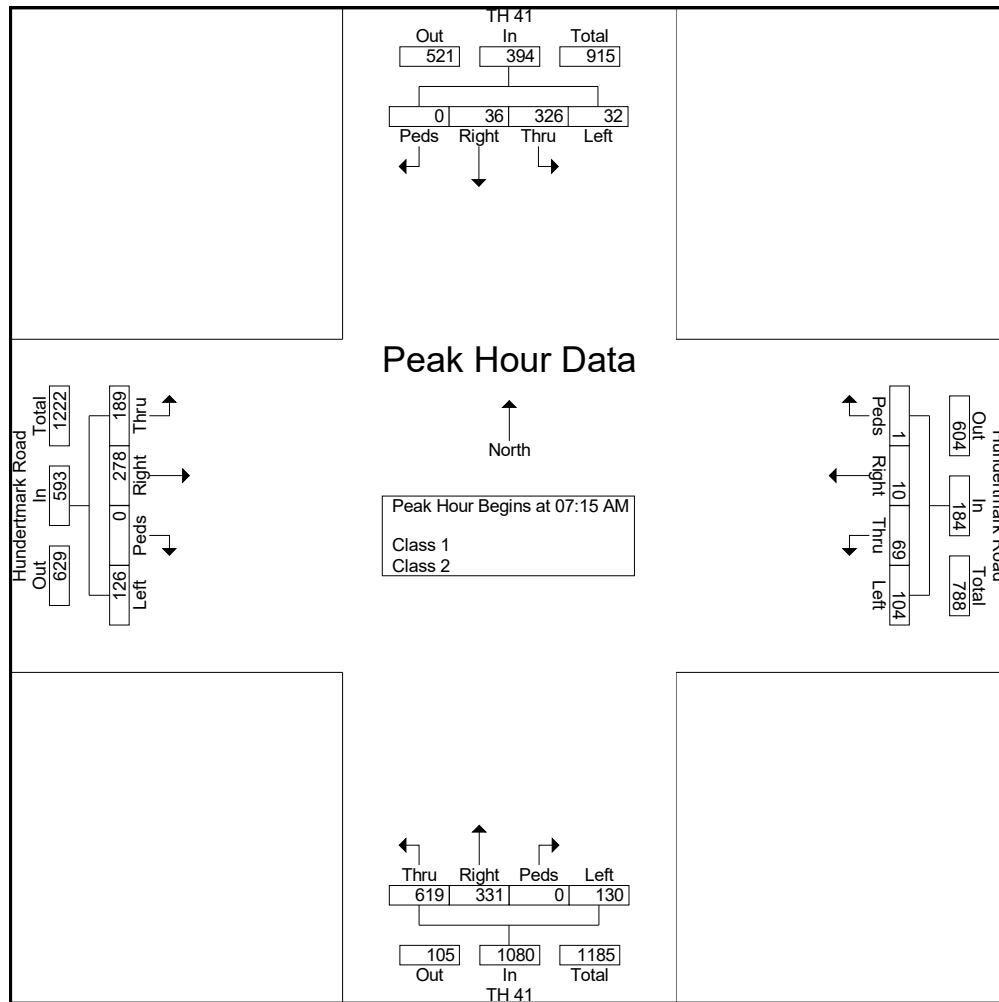
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	4	83	8	0	95	23	15	3	0	41	26	135	63	0	224	29	45	79	0	153	513
07:30 AM	9	64	7	0	80	20	19	3	0	42	45	176	114	0	335	34	53	64	0	151	608
07:45 AM	10	88	6	0	104	29	23	2	1	55	30	175	97	0	302	42	73	67	0	182	643
08:00 AM	9	91	15	0	115	32	12	2	0	46	29	133	57	0	219	21	18	68	0	107	487
Total Volume	32	326	36	0	394	104	69	10	1	184	130	619	331	0	1080	126	189	278	0	593	2251
% App. Total	8.1	82.7	9.1	0		56.5	37.5	5.4	0.5		12	57.3	30.6	0		21.2	31.9	46.9	0		
PHF	.800	.896	.600	.000	.857	.813	.750	.833	.250	.836	.722	.879	.726	.000	.806	.750	.647	.880	.000	.815	.875



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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 04:45 PM																					
04:45 PM	4	148	13	0	165	59	30	6	0	95	95	137	50	0	282	26	26	31	0	83	625
05:00 PM	4	123	11	0	138	49	33	4	0	86	95	133	48	0	276	21	16	30	0	67	567
05:15 PM	1	125	11	0	137	70	31	2	0	103	77	141	45	0	263	23	20	39	0	82	585
05:30 PM	0	114	12	0	126	49	32	6	0	87	83	147	63	0	293	23	15	40	0	78	584
Total Volume	9	510	47	0	566	227	126	18	0	371	350	558	206	0	1114	93	77	140	0	310	2361
% App. Total	1.6	90.1	8.3	0		61.2	34	4.9	0		31.4	50.1	18.5	0		30	24.8	45.2	0		
PHF	.563	.861	.904	.000	.858	.811	.955	.750	.000	.900	.921	.949	.817	.000	.951	.894	.740	.875	.000	.934	.944

