

ALLIANT ENGINEERING INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

518_TH 61 & 7th St
 Ref. Pt: 147+00.550
 data by: Alliant Inc
 TURN MOVEMENT COUNT

File Name : 518_TH 61 & 7th Street
 Site Code : 00000518
 Start Date : 11/7/2019
 Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 61 From North					7th St From East					TH 61 From South					7th St From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	0	164	0	0	164	1	0	1	0	2	2	44	0	0	46	7	1	0	0	8	220
06:15 AM	0	299	2	0	301	0	0	3	0	3	3	61	1	0	65	6	2	2	1	11	380
06:30 AM	1	356	1	0	358	4	3	4	0	11	2	134	7	0	143	17	2	1	0	20	532
06:45 AM	1	363	1	0	365	0	5	2	0	7	5	117	2	0	124	19	1	4	0	24	520
Total	2	1182	4	0	1188	5	8	10	0	23	12	356	10	0	378	49	6	7	1	63	1652
07:00 AM	1	398	2	0	401	0	1	7	0	8	2	111	8	0	121	33	1	5	0	39	569
07:15 AM	5	442	4	0	451	2	3	8	0	13	3	159	25	0	187	56	6	10	0	72	723
07:30 AM	3	451	2	0	456	2	3	6	0	11	7	104	8	0	119	22	4	7	0	33	619
07:45 AM	14	413	5	0	432	3	2	10	0	15	5	112	9	0	126	32	5	10	0	47	620
Total	23	1704	13	0	1740	7	9	31	0	47	17	486	50	0	553	143	16	32	0	191	2531
08:00 AM	6	267	5	0	278	1	2	5	0	8	3	139	7	0	149	26	3	20	0	49	484
08:15 AM	5	265	4	0	274	2	2	5	0	9	2	128	6	0	136	15	3	3	0	21	440
08:30 AM	6	240	3	0	249	1	1	3	0	5	3	131	5	0	139	16	1	9	0	26	419
08:45 AM	5	258	3	0	266	3	2	6	0	11	6	140	3	0	149	18	2	1	1	22	448
Total	22	1030	15	0	1067	7	7	19	0	33	14	538	21	0	573	75	9	33	1	118	1791
09:00 AM	5	237	8	0	250	2	1	5	0	8	6	162	4	0	172	8	2	3	0	13	443
09:15 AM	3	203	6	0	212	2	1	2	0	5	8	151	7	0	166	14	3	6	0	23	406
*** BREAK ***																					
Total	8	440	14	0	462	4	2	7	0	13	14	313	11	0	338	22	5	9	0	36	849
*** BREAK ***																					
10:30 AM	2	151	11	0	164	1	0	4	1	6	5	153	5	0	163	12	3	7	0	22	355
10:45 AM	4	154	4	0	162	1	3	3	1	8	7	152	7	3	169	15	2	2	2	21	360
Total	6	305	15	0	326	2	3	7	2	14	12	305	12	3	332	27	5	9	2	43	715
11:00 AM	2	167	4	0	173	3	4	3	0	10	9	177	7	0	193	10	1	3	0	14	390
11:15 AM	5	174	3	1	183	1	1	6	0	8	6	154	6	0	166	16	1	5	1	23	380
11:30 AM	5	190	5	0	200	3	0	7	0	10	10	184	9	0	203	10	2	5	0	17	430
11:45 AM	4	183	5	0	192	2	0	9	0	11	14	179	4	0	197	10	1	6	0	17	417
Total	16	714	17	1	748	9	5	25	0	39	39	694	26	0	759	46	5	19	1	71	1617
12:00 PM	2	202	5	0	209	6	2	6	0	14	8	192	8	0	208	16	3	6	0	25	456
12:15 PM	3	145	2	0	150	1	1	4	0	6	9	177	7	0	193	13	4	2	0	19	368
12:30 PM	0	190	6	1	197	2	2	7	1	12	17	224	4	0	245	11	3	7	0	21	475
12:45 PM	2	176	2	0	180	2	2	4	0	8	7	210	14	0	231	15	4	13	0	32	451
Total	7	713	15	1	736	11	7	21	1	40	41	803	33	0	877	55	14	28	0	97	1750
01:00 PM	2	144	6	0	152	3	3	5	0	11	11	217	11	0	239	8	5	11	0	24	426
01:15 PM	2	130	5	0	137	3	1	5	0	9	3	223	6	0	232	11	1	3	0	15	393
*** BREAK ***																					
Total	4	274	11	0	289	6	4	10	0	20	14	440	17	0	471	19	6	14	0	39	819
*** BREAK ***																					
02:30 PM	2	146	9	1	158	2	1	6	0	9	7	242	17	0	266	13	4	9	0	26	459
02:45 PM	7	161	3	2	173	2	5	6	0	13	8	331	23	0	362	7	2	9	0	18	566
Total	9	307	12	3	331	4	6	12	0	22	15	573	40	0	628	20	6	18	0	44	1025
03:00 PM	6	186	6	5	203	2	1	5	2	10	8	353	29	0	390	37	5	25	0	67	670
03:15 PM	1	191	7	0	199	5	4	3	0	12	6	344	9	0	359	17	3	12	0	32	602
03:30 PM	3	167	6	0	176	3	5	7	0	15	6	338	11	0	355	15	1	8	0	24	570
03:45 PM	1	205	8	1	215	5	1	8	0	14	7	371	11	1	390	12	8	17	0	37	656
Total	11	749	27	6	793	15	11	23	2	51	27	1406	60	1	1494	81	17	62	0	160	2498

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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:00 PM	4	179	6	0	189	9	3	9	0	21	9	368	12	1	390	6	4	18	0	28	628
04:15 PM	0	173	4	1	178	1	3	4	0	8	6	352	11	0	369	14	9	12	0	35	590
04:30 PM	2	216	9	1	228	2	8	8	0	18	12	375	13	1	401	19	6	9	0	34	681
04:45 PM	10	245	6	0	261	7	6	7	0	20	11	420	7	1	439	18	2	27	0	47	767
Total	16	813	25	2	856	19	20	28	0	67	38	1515	43	3	1599	57	21	66	0	144	2666
05:00 PM	5	222	7	0	234	8	3	10	1	22	6	355	16	0	377	22	5	27	0	54	687
05:15 PM	5	191	3	0	199	5	3	6	0	14	13	400	14	0	427	14	5	10	0	29	669
05:30 PM	6	224	8	0	238	7	3	9	0	19	10	366	9	0	385	18	3	15	0	36	678
05:45 PM	7	175	10	0	192	7	3	9	0	19	6	342	11	0	359	21	6	20	0	47	617
Total	23	812	28	0	863	27	12	34	1	74	35	1463	50	0	1548	75	19	72	0	166	2651
Grand Total	147	9043	196	13	9399	116	94	227	6	443	278	8892	373	7	9550	669	129	369	5	1172	20564
Apprch %	1.6	96.2	2.1	0.1		26.2	21.2	51.2	1.4		2.9	93.1	3.9	0.1		57.1	11	31.5	0.4		
Total %	0.7	44	1	0.1	45.7	0.6	0.5	1.1	0	2.2	1.4	43.2	1.8	0	46.4	3.3	0.6	1.8	0	5.7	
Class 1	145	8737	192	12	9086	113	90	214	5	422	272	8573	343	6	9194	631	128	356	5	1120	19822
% Class 1	98.6	96.6	98	92.3	96.7	97.4	95.7	94.3	83.3	95.3	97.8	96.4	92	85.7	96.3	94.3	99.2	96.5	100	95.6	96.4
Class 2	2	306	4	1	313	3	4	13	1	21	6	319	30	1	356	38	1	13	0	52	742
% Class 2	1.4	3.4	2	7.7	3.3	2.6	4.3	5.7	16.7	4.7	2.2	3.6	8	14.3	3.7	5.7	0.8	3.5	0	4.4	3.6

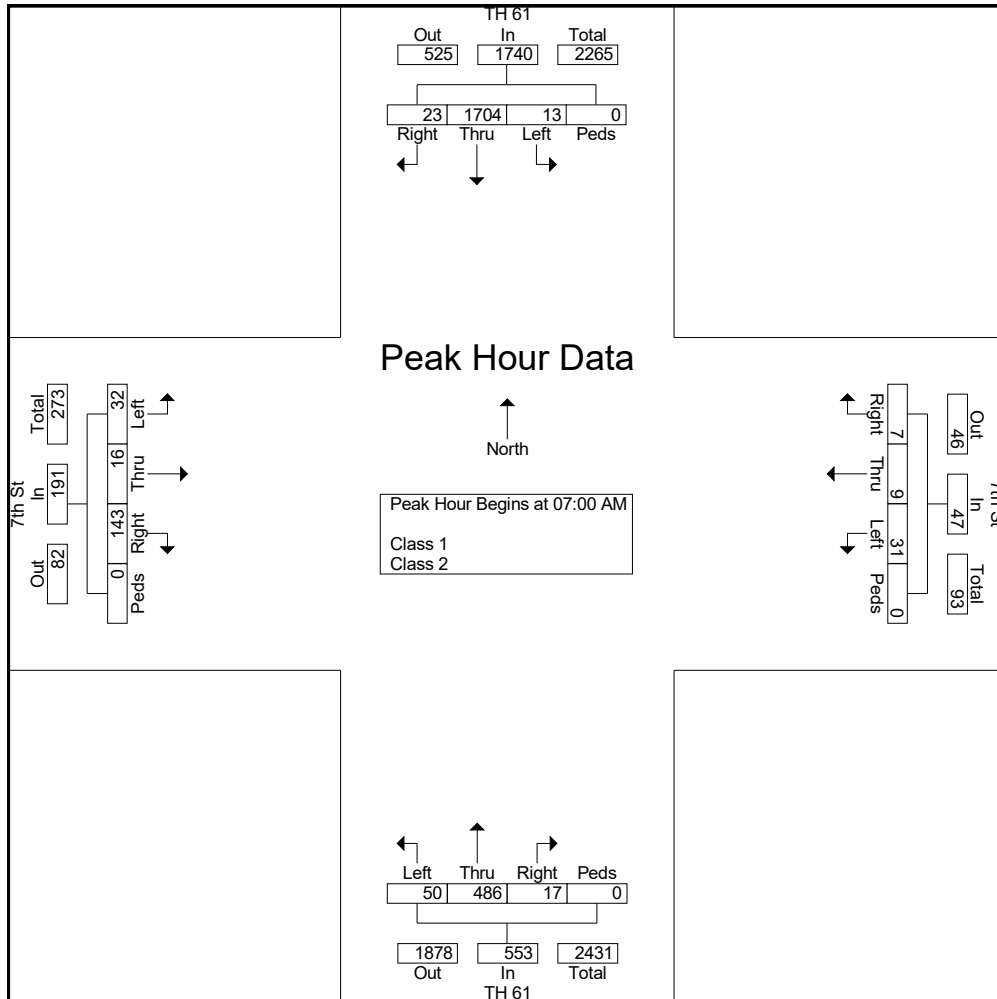
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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	1	398	2	0	401	0	1	7	0	8	2	111	8	0	121	33	1	5	0	39	569
07:15 AM	5	442	4	0	451	2	3	8	0	13	3	159	25	0	187	56	6	10	0	72	723
07:30 AM	3	451	2	0	456	2	3	6	0	11	7	104	8	0	119	22	4	7	0	33	619
07:45 AM	14	413	5	0	432	3	2	10	0	15	5	112	9	0	126	32	5	10	0	47	620
Total Volume	23	1704	13	0	1740	7	9	31	0	47	17	486	50	0	553	143	16	32	0	191	2531
% App. Total	1.3	97.9	0.7	0		14.9	19.1	66	0		3.1	87.9	9	0		74.9	8.4	16.8	0		
PHF	.411	.945	.650	.000	.954	.583	.750	.775	.000	.783	.607	.764	.500	.000	.739	.638	.667	.800	.000	.663	.875



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Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	2	216	9	1	228	2	8	8	0	18	12	375	13	1	401	19	6	9	0	34	681
04:45 PM	10	245	6	0	261	7	6	7	0	20	11	420	7	1	439	18	2	27	0	47	767
05:00 PM	5	222	7	0	234	8	3	10	1	22	6	355	16	0	377	22	5	27	0	54	687
05:15 PM	5	191	3	0	199	5	3	6	0	14	13	400	14	0	427	14	5	10	0	29	669
Total Volume	22	874	25	1	922	22	20	31	1	74	42	1550	50	2	1644	73	18	73	0	164	2804
% App. Total	2.4	94.8	2.7	0.1		29.7	27	41.9	1.4		2.6	94.3	3	0.1		44.5	11	44.5	0		
PHF	.550	.892	.694	.250	.883	.688	.625	.775	.250	.841	.808	.923	.781	.500	.936	.830	.750	.676	.000	.759	.914

