

ALLIANT ENGINEERING INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

TH 61 & 2nd St
 Ref Pt: 147+00.075
 data by: Alliant Inc
 TURN MOVEMENT COUNT

File Name : 516_TH 61 and 2nd Street
 Site Code : 1735494
 Start Date : 11/7/2019
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH 61 Southbound					2nd St Westbound					TH 61 Northbound					2nd St Eastbound					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	199	0	0	199	1	1	0	0	2	2	70	2	0	74	8	0	0	0	8	283
06:15 AM	1	342	0	0	343	0	0	2	0	2	2	74	3	0	79	5	0	0	0	5	429
06:30 AM	3	397	0	0	400	1	2	2	0	5	3	180	3	0	186	9	0	0	0	9	600
06:45 AM	2	475	0	0	477	0	0	0	0	0	0	166	9	0	175	14	0	4	0	18	670
Total	6	1413	0	0	1419	2	3	4	0	9	7	490	17	0	514	36	0	4	0	40	1982
07:00 AM	7	439	0	0	446	1	2	2	0	5	3	175	28	0	206	21	1	2	0	24	681
07:15 AM	14	515	1	0	530	0	3	2	0	5	2	204	33	0	239	25	4	11	0	40	814
07:30 AM	9	542	1	0	552	0	2	2	0	4	10	142	15	0	167	22	2	5	0	29	752
07:45 AM	14	409	1	1	425	0	1	8	0	9	4	184	20	0	208	17	3	1	0	21	663
Total	44	1905	3	1	1953	1	8	14	0	23	19	705	96	0	820	85	10	19	0	114	2910
08:00 AM	6	359	0	0	365	0	2	5	0	7	7	223	13	0	243	17	0	3	0	20	635
08:15 AM	5	355	0	0	360	0	4	6	0	10	10	189	13	0	212	13	3	2	0	18	600
08:30 AM	7	263	1	0	271	1	1	6	0	8	18	171	15	0	204	1	10	0	0	11	494
08:45 AM	51	320	4	2	377	0	0	3	0	3	15	219	3	2	239	19	0	2	0	21	640
Total	69	1297	5	2	1373	1	7	20	0	28	50	802	44	2	898	50	13	7	0	70	2369
09:00 AM	2	283	1	0	286	0	4	14	0	18	19	227	5	0	251	27	2	3	0	32	587
09:15 AM	9	280	3	0	292	0	5	11	0	16	14	227	9	0	250	19	4	4	0	27	585
*** BREAK ***																					
Total	11	563	4	0	578	0	9	25	0	34	33	454	14	0	501	46	6	7	0	59	1172
*** BREAK ***																					
10:30 AM	4	227	5	0	236	3	3	20	0	26	31	227	4	1	263	10	3	1	0	14	539
10:45 AM	1	214	2	0	217	4	4	13	0	21	20	229	23	0	272	13	2	4	0	19	529
Total	5	441	7	0	453	7	7	33	0	47	51	456	27	1	535	23	5	5	0	33	1068
11:00 AM	6	216	5	0	227	2	2	13	0	17	19	275	10	0	304	27	2	1	0	30	578
11:15 AM	3	253	2	0	258	4	3	14	0	21	24	231	8	0	263	27	4	2	0	33	575
11:30 AM	7	265	1	0	273	3	5	23	0	31	26	283	20	0	329	16	3	0	0	19	652
11:45 AM	2	245	4	0	251	4	4	25	0	33	22	251	20	0	293	6	0	2	0	8	585
Total	18	979	12	0	1009	13	14	75	0	102	91	1040	58	0	1189	76	9	5	0	90	2390
12:00 PM	5	244	5	0	254	6	6	16	1	29	18	256	15	0	289	17	0	3	0	20	592
12:15 PM	5	232	1	0	238	2	4	33	0	39	21	273	13	0	307	21	7	4	0	32	616
12:30 PM	5	234	3	0	242	4	5	17	0	26	20	292	13	0	325	21	3	3	0	27	620
12:45 PM	9	195	3	0	207	4	1	28	0	33	13	297	14	0	324	14	1	4	0	19	583
Total	24	905	12	0	941	16	16	94	1	127	72	1118	55	0	1245	73	11	14	0	98	2411
01:00 PM	2	222	3	0	227	4	2	25	0	31	32	298	24	0	354	16	3	7	0	26	638
01:15 PM	7	185	2	0	194	4	8	9	0	21	21	281	19	0	321	16	0	4	0	20	556
*** BREAK ***																					
Total	9	407	5	0	421	8	10	34	0	52	53	579	43	0	675	32	3	11	0	46	1194
*** BREAK ***																					
02:30 PM	2	221	1	0	224	4	2	18	0	24	19	339	20	0	378	21	5	5	0	31	657
02:45 PM	5	222	2	0	229	2	4	27	0	33	28	458	17	0	503	9	2	1	0	12	777
Total	7	443	3	0	453	6	6	45	0	57	47	797	37	0	881	30	7	6	0	43	1434
03:00 PM	6	282	1	0	289	3	6	21	0	30	20	403	14	0	437	12	1	6	0	19	775
03:15 PM	8	273	2	0	283	2	5	19	0	26	25	374	21	0	420	15	2	7	0	24	753
03:30 PM	4	229	4	0	237	6	5	21	0	32	24	404	30	0	458	21	5	8	0	34	761

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Groups Printed- Cars - Trucks

Start Time	TH 61 Southbound					2nd St Westbound					TH 61 Northbound					2nd St Eastbound					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	
03:45 PM	6	292	2	0	300	3	5	19	0	27	44	469	17	0	530	21	6	13	0	40	897
Total	24	1076	9	0	1109	14	21	80	0	115	113	1650	82	0	1845	69	14	34	0	117	3186
04:00 PM	6	231	4	0	241	5	12	15	0	32	40	443	29	1	513	24	6	11	0	41	827
04:15 PM	5	239	2	0	246	8	7	20	0	35	31	443	20	1	495	20	3	13	0	36	812
04:30 PM	1	259	1	0	261	6	8	33	0	47	24	479	16	0	519	20	4	9	0	33	860
04:45 PM	5	286	1	1	293	15	8	14	0	37	26	466	14	0	506	12	9	6	0	27	863
Total	17	1015	8	1	1041	34	35	82	0	151	121	1831	79	2	2033	76	22	39	0	137	3362
05:00 PM	1	298	6	0	305	11	7	28	0	46	32	473	13	0	518	22	7	3	0	32	901
05:15 PM	4	231	5	0	240	7	6	26	0	39	38	504	25	0	567	10	2	2	0	14	860
05:30 PM	4	268	3	0	275	6	7	35	0	48	25	446	10	0	481	11	4	7	0	22	826
05:45 PM	4	247	3	0	254	8	4	19	0	31	15	408	25	0	448	4	3	6	0	13	746
Total	13	1044	17	0	1074	32	24	108	0	164	110	1831	73	0	2014	47	16	18	0	81	3333
Grand Total	247	11488	85	4	11824	134	160	614	1	909	767	11753	625	5	13150	643	116	169	0	928	26811
Apprch %	2.1	97.2	0.7	0		14.7	17.6	67.5	0.1		5.8	89.4	4.8	0		69.3	12.5	18.2	0		
Total %	0.9	42.8	0.3	0	44.1	0.5	0.6	2.3	0	3.4	2.9	43.8	2.3	0	49	2.4	0.4	0.6	0	3.5	
Cars	238	11158	83	3	11482	133	154	610	1	898	759	11425	618	4	12806	640	114	161	0	915	26101
% Cars	96.4	97.1	97.6	75	97.1	99.3	96.2	99.3	100	98.8	99	97.2	98.9	80	97.4	99.5	98.3	95.3	0	98.6	97.4
Trucks	9	330	2	1	342	1	6	4	0	11	8	328	7	1	344	3	2	8	0	13	710
% Trucks	3.6	2.9	2.4	25	2.9	0.7	3.8	0.7	0	1.2	1	2.8	1.1	20	2.6	0.5	1.7	4.7	0	1.4	2.6

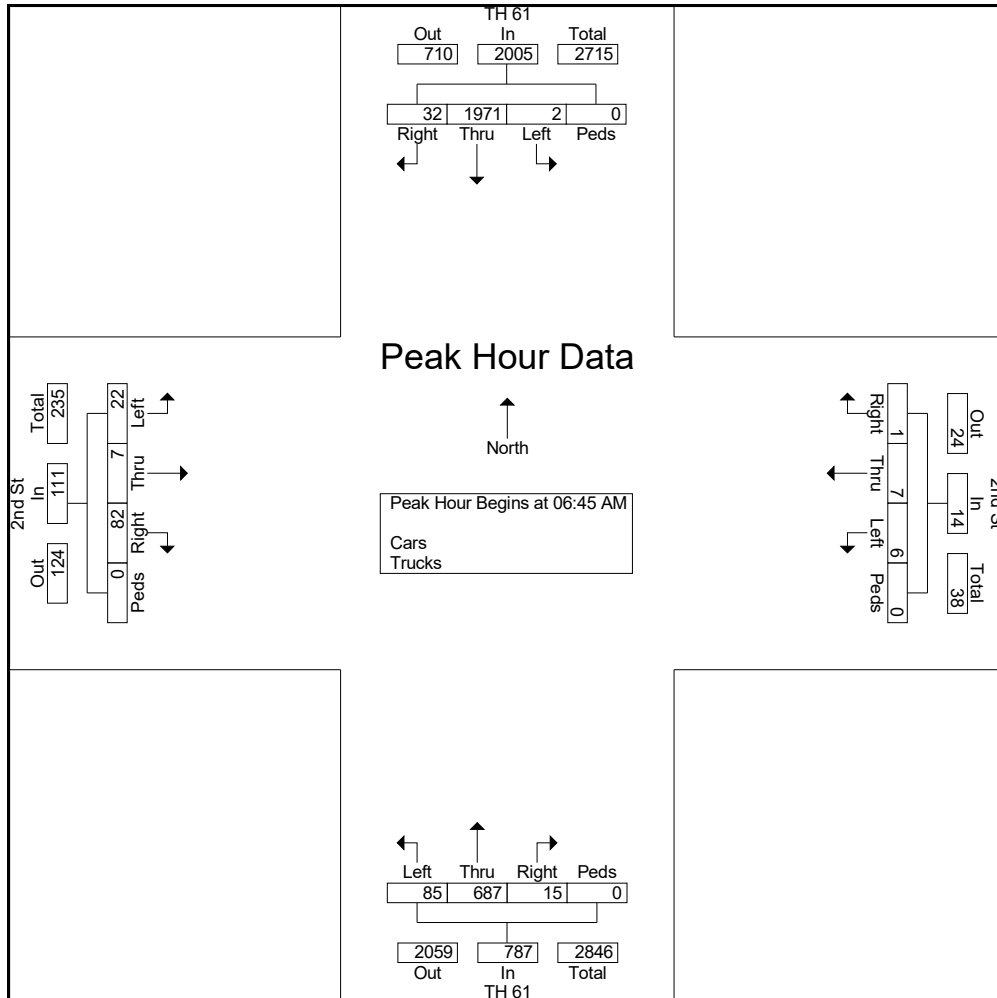
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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:45 AM																					
06:45 AM	2	475	0	0	477	0	0	0	0	0	0	166	9	0	175	14	0	4	0	18	670
07:00 AM	7	439	0	0	446	1	2	2	0	5	3	175	28	0	206	21	1	2	0	24	681
07:15 AM	14	515	1	0	530	0	3	2	0	5	2	204	33	0	239	25	4	11	0	40	814
07:30 AM	9	542	1	0	552	0	2	2	0	4	10	142	15	0	167	22	2	5	0	29	752
Total Volume	32	1971	2	0	2005	1	7	6	0	14	15	687	85	0	787	82	7	22	0	111	2917
% App. Total	1.6	98.3	0.1	0		7.1	50	42.9	0		1.9	87.3	10.8	0		73.9	6.3	19.8	0		
PHF	.571	.909	.500	.000	.908	.250	.583	.750	.000	.700	.375	.842	.644	.000	.823	.820	.438	.500	.000	.694	.896



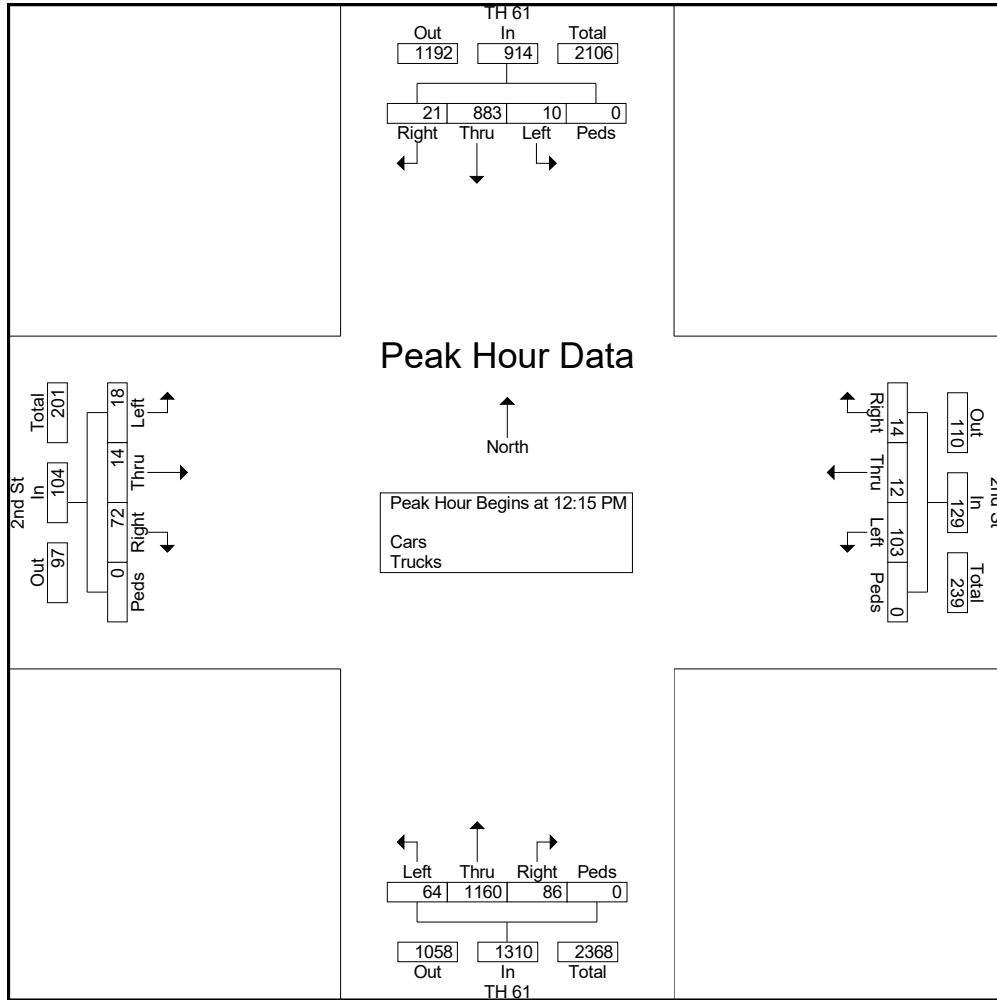
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Start Time	TH 61 Southbound					2nd St Westbound					TH 61 Northbound					2nd St Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:15 PM																					
12:15 PM	5	232	1	0	238	2	4	33	0	39	21	273	13	0	307	21	7	4	0	32	616
12:30 PM	5	234	3	0	242	4	5	17	0	26	20	292	13	0	325	21	3	3	0	27	620
12:45 PM	9	195	3	0	207	4	1	28	0	33	13	297	14	0	324	14	1	4	0	19	583
01:00 PM	2	222	3	0	227	4	2	25	0	31	32	298	24	0	354	16	3	7	0	26	638
Total Volume	21	883	10	0	914	14	12	103	0	129	86	1160	64	0	1310	72	14	18	0	104	2457
% App. Total	2.3	96.6	1.1	0		10.9	9.3	79.8	0		6.6	88.5	4.9	0		69.2	13.5	17.3	0		
PHF	.583	.943	.833	.000	.944	.875	.600	.780	.000	.827	.672	.973	.667	.000	.925	.857	.500	.643	.000	.813	.963



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Start Time	TH 61 Southbound					2nd St Westbound					TH 61 Northbound					2nd St Eastbound					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	
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	1	259	1	0	261	6	8	33	0	47	24	479	16	0	519	20	4	9	0	33	860
04:45 PM	5	286	1	1	293	15	8	14	0	37	26	466	14	0	506	12	9	6	0	27	863
05:00 PM	1	298	6	0	305	11	7	28	0	46	32	473	13	0	518	22	7	3	0	32	901
05:15 PM	4	231	5	0	240	7	6	26	0	39	38	504	25	0	567	10	2	2	0	14	860
Total Volume	11	1074	13	1	1099	39	29	101	0	169	120	1922	68	0	2110	64	22	20	0	106	3484
% App. Total	1	97.7	1.2	0.1		23.1	17.2	59.8	0		5.7	91.1	3.2	0		60.4	20.8	18.9	0		
PHF	.550	.901	.542	.250	.901	.650	.906	.765	.000	.899	.789	.953	.680	.000	.930	.727	.611	.556	.000	.803	.967

