

ALLIANT ENGINEERING INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

TH 61 & 130th Street North
 Ref Pt: 150+00.853
 data by: Alliant Inc
 TURN MOVEMENT COUNT

File Name : 522_TH 61 and 130th Street North
 Site Code : 1736749
 Start Date : 11/7/2019
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	TH 61 Southbound					130th St N Westbound					TH 61 Northbound					130th St N 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	10	118	2	0	130	2	0	6	0	8	0	22	17	0	39	19	0	5	0	24	201
06:15 AM	13	175	7	0	195	6	1	9	0	16	3	34	20	0	57	17	0	3	0	20	288
06:30 AM	20	229	10	0	259	6	0	12	0	18	1	37	24	0	62	28	0	1	0	29	368
06:45 AM	26	232	17	0	275	5	4	9	0	18	7	60	48	0	115	19	4	2	0	25	433
Total	69	754	36	0	859	19	5	36	0	60	11	153	109	0	273	83	4	11	0	98	1290
07:00 AM	11	238	5	0	254	14	4	29	0	47	6	49	21	0	76	40	1	7	0	48	425
07:15 AM	9	271	7	0	287	8	5	19	0	32	2	82	18	0	102	33	0	4	0	37	458
07:30 AM	10	238	9	0	257	10	5	14	0	29	3	66	23	0	92	27	1	5	0	33	411
07:45 AM	16	189	7	0	212	11	1	19	0	31	2	72	14	0	88	23	0	6	0	29	360
Total	46	936	28	0	1010	43	15	81	0	139	13	269	76	0	358	123	2	22	0	147	1654
08:00 AM	10	184	7	0	201	9	0	9	0	18	6	95	16	0	117	21	2	2	0	25	361
08:15 AM	5	116	8	0	129	13	4	8	0	25	8	74	14	0	96	19	1	4	0	24	274
08:30 AM	3	140	4	0	147	8	1	9	0	18	1	68	11	0	80	17	0	4	0	21	266
08:45 AM	6	149	8	0	163	12	0	10	0	22	0	62	9	0	71	19	0	5	0	24	280
Total	24	589	27	0	640	42	5	36	0	83	15	299	50	0	364	76	3	15	0	94	1181
09:00 AM	4	121	5	0	130	10	0	4	0	14	5	72	22	0	99	24	1	5	0	30	273
09:15 AM	6	122	5	0	133	8	1	6	0	15	5	72	11	0	88	10	1	5	0	16	252
*** BREAK ***																					
Total	10	243	10	0	263	18	1	10	0	29	10	144	33	0	187	34	2	10	0	46	525
*** BREAK ***																					
10:30 AM	6	89	8	0	103	3	1	10	0	14	5	67	17	0	89	13	0	5	0	18	224
10:45 AM	4	81	5	0	90	8	1	8	0	17	8	87	9	0	104	13	0	3	0	16	227
Total	10	170	13	0	193	11	2	18	0	31	13	154	26	0	193	26	0	8	0	34	451
11:00 AM	3	83	10	0	96	6	2	7	0	15	11	91	14	0	116	29	2	3	0	34	261
11:15 AM	8	90	6	0	104	8	1	6	0	15	8	83	10	0	101	21	0	4	0	25	245
11:30 AM	5	79	6	0	90	9	0	5	0	14	4	102	14	0	120	20	2	13	0	35	259
11:45 AM	5	106	4	0	115	3	0	5	0	8	5	75	14	0	94	10	0	4	0	14	231
Total	21	358	26	0	405	26	3	23	0	52	28	351	52	0	431	80	4	24	0	108	996
12:00 PM	7	102	4	0	113	7	2	9	0	18	6	90	7	0	103	24	1	9	0	34	268
12:15 PM	6	78	7	0	91	9	0	8	0	17	5	85	17	0	107	21	0	0	0	21	236
12:30 PM	12	88	5	0	105	4	1	9	0	14	5	80	16	0	101	17	1	7	0	25	245
12:45 PM	10	82	5	0	97	7	0	8	0	15	4	103	23	0	130	20	1	7	0	28	270
Total	35	350	21	0	406	27	3	34	0	64	20	358	63	0	441	82	3	23	0	108	1019
01:00 PM	6	76	10	0	92	4	0	1	0	5	5	100	12	0	117	22	2	10	0	34	248
01:15 PM	5	75	5	0	85	6	2	2	0	10	7	88	14	0	109	9	1	4	0	14	218
*** BREAK ***																					
Total	11	151	15	0	177	10	2	3	0	15	12	188	26	0	226	31	3	14	0	48	466
*** BREAK ***																					
02:30 PM	9	82	4	0	95	10	3	6	0	19	6	151	26	0	183	26	1	9	0	36	333
02:45 PM	6	91	5	0	102	8	0	5	0	13	8	156	27	0	191	20	5	5	0	30	336
Total	15	173	9	0	197	18	3	11	0	32	14	307	53	0	374	46	6	14	0	66	669
03:00 PM	2	108	7	0	117	7	0	8	0	15	13	145	20	0	178	37	6	34	0	77	387
03:15 PM	1	89	4	0	94	11	5	5	0	21	9	208	12	0	229	29	0	13	0	42	386
03:30 PM	4	111	3	0	118	11	3	4	0	18	4	171	19	0	194	36	2	11	0	49	379

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Groups Printed- Cars - Trucks

Start Time	TH 61 Southbound					130th St N Westbound					TH 61 Northbound					130th St N 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	5	126	9	0	140	5	1	3	0	9	7	196	30	0	233	17	1	7	0	25	407
Total	12	434	23	0	469	34	9	20	0	63	33	720	81	0	834	119	9	65	0	193	1559
04:00 PM	7	133	17	0	157	14	0	6	0	20	8	204	21	0	233	21	6	23	0	50	460
04:15 PM	6	102	13	0	121	17	0	15	0	32	9	191	14	0	214	30	1	11	0	42	409
04:30 PM	2	131	9	0	142	8	0	12	0	20	7	175	17	0	199	39	4	9	0	52	413
04:45 PM	3	140	10	0	153	6	0	4	0	10	10	212	17	0	239	21	3	6	0	30	432
Total	18	506	49	0	573	45	0	37	0	82	34	782	69	0	885	111	14	49	0	174	1714
05:00 PM	7	121	16	0	144	4	0	8	0	12	10	215	28	0	253	41	2	7	0	50	459
05:15 PM	4	124	7	0	135	4	1	6	0	11	8	186	22	0	216	16	1	4	0	21	383
05:30 PM	7	125	11	0	143	7	0	12	0	19	13	171	23	0	207	21	1	7	0	29	398
05:45 PM	5	94	10	0	109	2	3	3	0	8	8	174	20	0	202	14	1	7	0	22	341
Total	23	464	44	0	531	17	4	29	0	50	39	746	93	0	878	92	5	25	0	122	1581
Grand Total	294	5128	301	0	5723	310	52	338	0	700	242	4471	731	0	5444	903	55	280	0	1238	13105
Apprch %	5.1	89.6	5.3	0		44.3	7.4	48.3	0		4.4	82.1	13.4	0		72.9	4.4	22.6	0		
Total %	2.2	39.1	2.3	0	43.7	2.4	0.4	2.6	0	5.3	1.8	34.1	5.6	0	41.5	6.9	0.4	2.1	0	9.4	
Cars	277	4908	273	0	5458	277	50	329	0	656	224	4268	678	0	5170	847	55	265	0	1167	12451
% Cars	94.2	95.7	90.7	0	95.4	89.4	96.2	97.3	0	93.7	92.6	95.5	92.7	0	95	93.8	100	94.6	0	94.3	95
Trucks	17	220	28	0	265	33	2	9	0	44	18	203	53	0	274	56	0	15	0	71	654
% Trucks	5.8	4.3	9.3	0	4.6	10.6	3.8	2.7	0	6.3	7.4	4.5	7.3	0	5	6.2	0	5.4	0	5.7	5

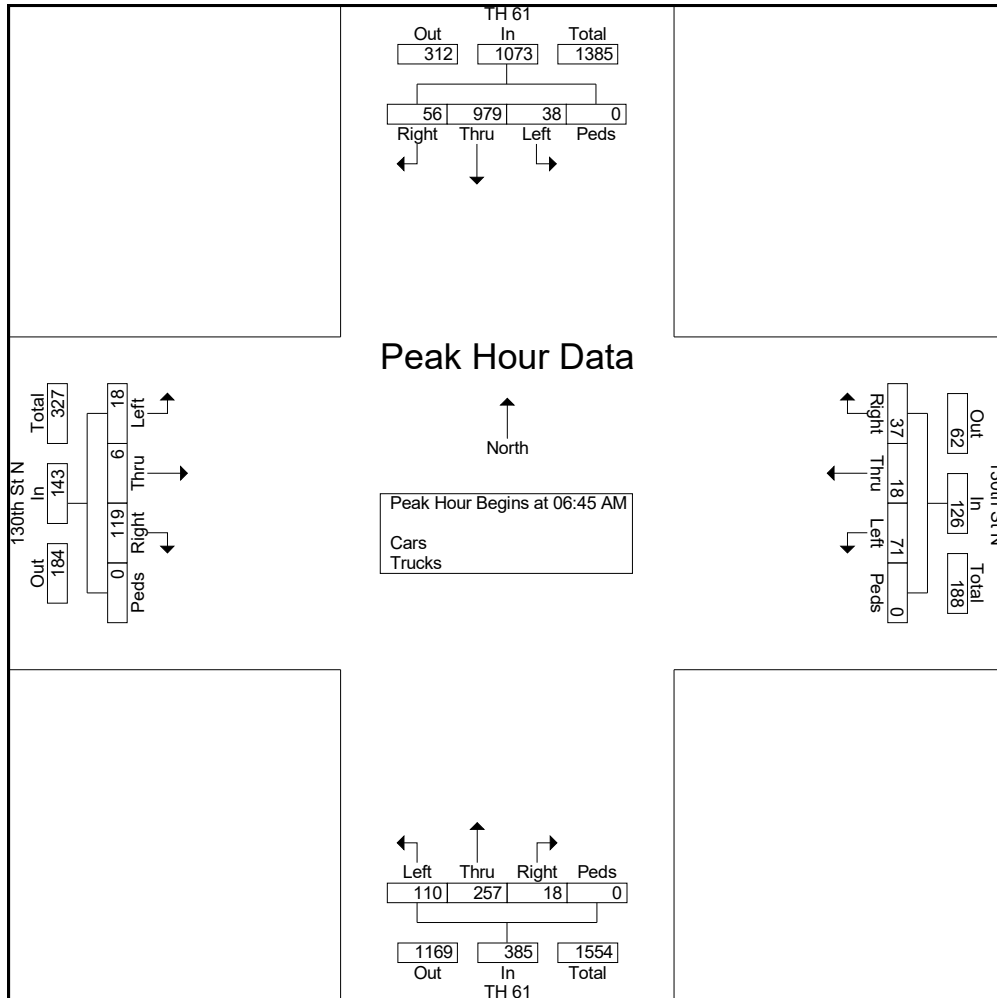
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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:45 AM																					
06:45 AM	26	232	17	0	275	5	4	9	0	18	7	60	48	0	115	19	4	2	0	25	433
07:00 AM	11	238	5	0	254	14	4	29	0	47	6	49	21	0	76	40	1	7	0	48	425
07:15 AM	9	271	7	0	287	8	5	19	0	32	2	82	18	0	102	33	0	4	0	37	458
07:30 AM	10	238	9	0	257	10	5	14	0	29	3	66	23	0	92	27	1	5	0	33	411
Total Volume	56	979	38	0	1073	37	18	71	0	126	18	257	110	0	385	119	6	18	0	143	1727
% App. Total	5.2	91.2	3.5	0		29.4	14.3	56.3	0		4.7	66.8	28.6	0		83.2	4.2	12.6	0		
PHF	.538	.903	.559	.000	.935	.661	.900	.612	.000	.670	.643	.784	.573	.000	.837	.744	.375	.643	.000	.745	.943



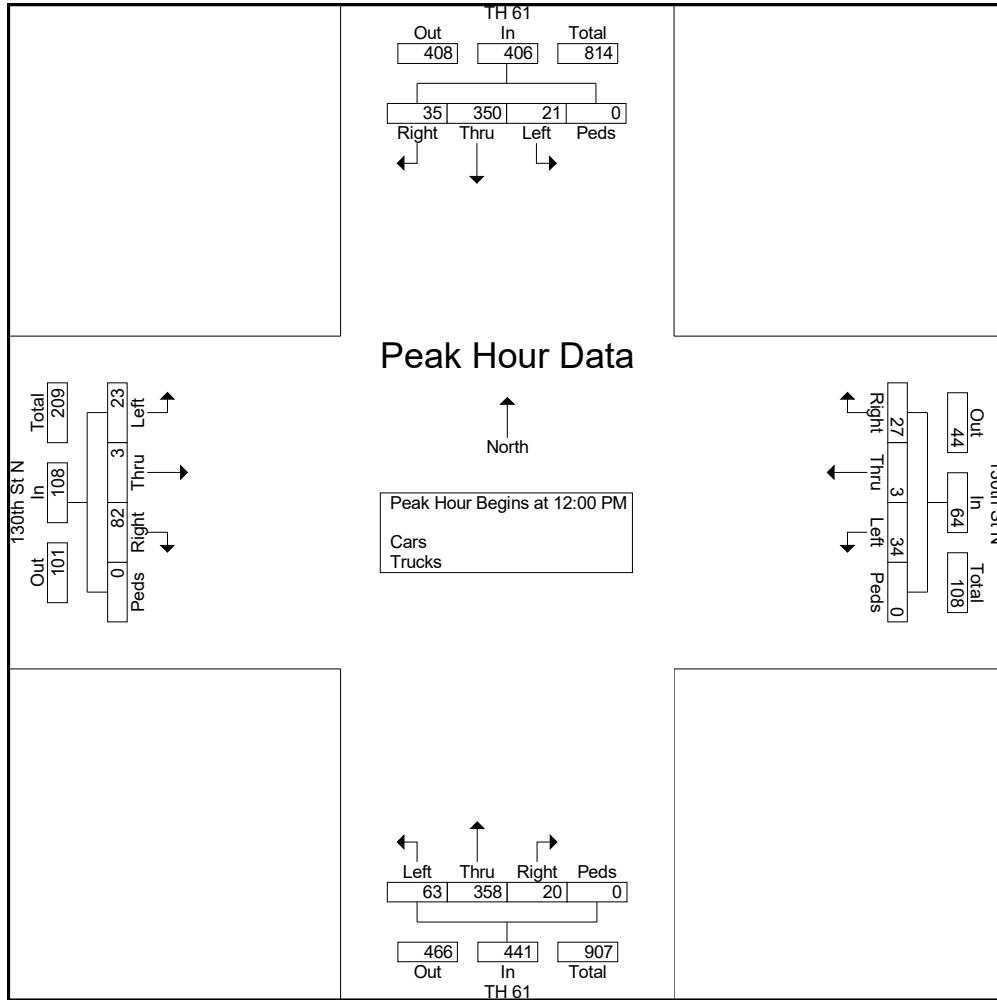
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Start Time	TH 61 Southbound					130th St N Westbound					TH 61 Northbound					130th St N Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	7	102	4	0	113	7	2	9	0	18	6	90	7	0	103	24	1	9	0	34	268
12:15 PM	6	78	7	0	91	9	0	8	0	17	5	85	17	0	107	21	0	0	0	21	236
12:30 PM	12	88	5	0	105	4	1	9	0	14	5	80	16	0	101	17	1	7	0	25	245
12:45 PM	10	82	5	0	97	7	0	8	0	15	4	103	23	0	130	20	1	7	0	28	270
Total Volume	35	350	21	0	406	27	3	34	0	64	20	358	63	0	441	82	3	23	0	108	1019
% App. Total	8.6	86.2	5.2	0		42.2	4.7	53.1	0		4.5	81.2	14.3	0		75.9	2.8	21.3	0		
PHF	.729	.858	.750	.000	.898	.750	.375	.944	.000	.889	.833	.869	.685	.000	.848	.854	.750	.639	.000	.794	.944



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Start Time	TH 61 Southbound					130th St N Westbound					TH 61 Northbound					130th St N 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 04:00 PM																					
04:00 PM	7	133	17	0	157	14	0	6	0	20	8	204	21	0	233	21	6	23	0	50	460
04:15 PM	6	102	13	0	121	17	0	15	0	32	9	191	14	0	214	30	1	11	0	42	409
04:30 PM	2	131	9	0	142	8	0	12	0	20	7	175	17	0	199	39	4	9	0	52	413
04:45 PM	3	140	10	0	153	6	0	4	0	10	10	212	17	0	239	21	3	6	0	30	432
Total Volume	18	506	49	0	573	45	0	37	0	82	34	782	69	0	885	111	14	49	0	174	1714
% App. Total	3.1	88.3	8.6	0		54.9	0	45.1	0		3.8	88.4	7.8	0		63.8	8	28.2	0		
PHF	.643	.904	.721	.000	.912	.662	.000	.617	.000	.641	.850	.922	.821	.000	.926	.712	.583	.533	.000	.837	.932

