

Alliant Engineering, Inc.

233 Park Ave Suite 300

Minneapolis, MN 55415

--TRAFFIC DATA--

TH 47 & 53rd Ave

Ref.Pt.: 7.380

data by : Alliant Inc.

TURN MOVEMENT COUNT

File Name : 605_TH 47 & 53rd Ave

Site Code : 605

Start Date : 2/28/2018

Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	TH 47 From North					53rd Ave From East					TH 47 From South					53rd Ave From West					Int. Total
	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	Other	Right	Thru	Left	App. Total	
06:00 AM	0	17	130	6	153	0	18	0	3	21	0	2	82	0	84	0	3	4	6	13	271
06:15 AM	1	42	261	12	316	0	29	4	9	42	0	5	109	0	114	0	1	2	10	13	485
06:30 AM	2	11	223	18	254	0	37	5	16	58	4	4	120	1	129	0	1	1	21	23	464
06:45 AM	0	51	273	14	338	0	20	3	13	36	0	4	107	2	113	0	1	1	22	24	511
Total	3	121	887	50	1061	0	104	12	41	157	4	15	418	3	440	0	6	8	59	73	1731
07:00 AM	1	21	226	20	268	0	31	6	16	53	2	12	165	1	180	0	2	6	11	19	520
07:15 AM	0	26	271	16	313	0	31	6	8	45	0	15	157	1	173	0	1	6	17	24	555
07:30 AM	0	19	281	28	328	0	30	9	14	53	0	10	207	1	218	0	3	5	11	19	618
07:45 AM	0	19	325	31	375	0	27	9	20	56	2	15	167	4	188	0	1	10	17	28	647
Total	1	85	1103	95	1284	0	119	30	58	207	4	52	696	7	759	0	7	27	56	90	2340
08:00 AM	0	34	291	20	345	0	35	2	22	59	0	14	154	2	170	0	1	3	5	9	583
08:15 AM	0	27	234	26	287	0	31	3	25	59	0	14	124	2	140	0	2	5	20	27	513
08:30 AM	0	28	199	25	252	4	39	2	11	56	0	10	126	0	136	0	1	4	9	14	458
08:45 AM	0	23	196	25	244	0	42	2	14	58	0	10	137	1	148	0	2	5	6	13	463
Total	0	112	920	96	1128	4	147	9	72	232	0	48	541	5	594	0	6	17	40	63	2017
09:00 AM	0	25	155	18	198	0	23	3	17	43	3	13	135	0	151	2	1	4	16	23	415
09:15 AM	0	12	150	21	183	0	27	5	9	41	0	12	120	2	134	0	0	5	15	20	378
*** BREAK ***																					
Total	0	37	305	39	381	0	50	8	26	84	3	25	255	2	285	2	1	9	31	43	793
*** BREAK ***																					
10:30 AM	0	26	148	19	193	0	29	5	7	41	0	8	136	1	145	0	0	1	14	15	394
10:45 AM	0	26	168	19	213	0	17	8	9	34	1	9	112	1	123	0	0	1	1	2	372
Total	0	52	316	38	406	0	46	13	16	75	1	17	248	2	268	0	0	2	15	17	766
11:00 AM	1	24	136	33	194	0	34	6	7	47	1	10	130	2	143	0	3	9	2	14	398
11:15 AM	0	17	147	24	188	0	20	4	6	30	1	14	131	4	150	0	0	4	3	7	375
11:30 AM	0	22	119	30	171	0	34	9	18	61	0	7	156	5	168	0	1	10	1	12	412
11:45 AM	0	24	140	23	187	0	40	7	11	58	0	7	135	1	143	0	3	15	4	22	410
Total	1	87	542	110	740	0	128	26	42	196	2	38	552	12	604	0	7	38	10	55	1595
12:00 PM	0	24	143	33	200	0	26	8	6	40	0	15	139	2	156	0	3	6	2	11	407
12:15 PM	0	19	169	39	227	0	41	8	8	57	0	16	117	1	134	0	1	4	3	8	426
12:30 PM	0	26	149	26	201	0	37	15	10	62	2	7	148	0	157	1	1	4	2	8	428
12:45 PM	0	29	152	25	206	0	29	7	10	46	1	16	141	1	159	0	5	5	3	13	424
Total	0	98	613	123	834	0	133	38	34	205	3	54	545	4	606	1	10	19	10	40	1685
01:00 PM	0	24	133	37	194	0	34	9	6	49	0	8	109	3	120	0	3	6	2	11	374
01:15 PM	0	22	148	40	210	0	34	13	17	64	0	9	168	5	182	0	2	8	1	11	467
*** BREAK ***																					
Total	0	46	281	77	404	0	68	22	23	113	0	17	277	8	302	0	5	14	3	22	841
*** BREAK ***																					
02:30 PM	0	26	195	46	267	0	49	6	4	59	2	14	200	1	217	0	3	3	3	9	552
02:45 PM	0	30	235	41	306	0	35	8	14	57	1	19	213	2	235	0	1	1	2	4	602
Total	0	56	430	87	573	0	84	14	18	116	3	33	413	3	452	0	4	4	5	13	1154
03:00 PM	1	28	183	44	256	0	53	9	9	71	2	17	225	3	247	0	1	4	4	9	583
03:15 PM	1	33	216	45	295	0	37	7	12	56	0	19	228	1	248	0	0	4	3	7	606
03:30 PM	0	27	207	27	261	0	37	10	11	58	1	18	291	7	317	0	2	12	2	16	652
03:45 PM	0	22	224	47	293	0	27	9	15	51	3	13	255	8	279	0	5	12	1	18	641
Total	2	110	830	163	1105	0	154	35	47	236	6	67	999	19	1091	0	8	32	10	50	2482
04:00 PM	0	38	224	49	311	0	29	10	9	48	0	20	276	4	300	0	0	9	1	10	669
04:15 PM	1	43	207	47	298	0	29	9	13	51	1	28	304	1	334	0	2	10	4	16	699
04:30 PM	1	26	190	44	261	0	23	13	21	57	1	22	287	1	311	0	1	12	2	15	644

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04:45 PM	0	29	223	40	292	0	53	13	27	93	1	28	325	2	356	0	1	7	1	9	750
Total	2	136	844	180	1162	0	134	45	70	249	3	98	1192	8	1301	0	4	38	8	50	2762
05:00 PM	0	22	202	41	265	0	42	5	16	63	0	21	350	3	374	0	2	9	1	12	714
05:15 PM	0	27	210	47	284	0	42	14	28	84	0	27	313	4	344	0	1	8	1	10	722
05:30 PM	0	24	186	40	250	0	34	14	17	65	0	17	296	9	322	0	2	7	2	11	648
05:45 PM	7	22	193	39	261	0	32	13	20	65	0	21	242	0	263	0	2	11	3	16	605
Total	7	95	791	167	1060	0	150	46	81	277	0	86	1201	16	1303	0	7	35	7	49	2689
Grand Total	16	1035	7862	1225	10138	4	1317	298	528	2147	29	550	7337	89	8005	3	65	243	254	565	20855
Apprch %	0.2	10.2	77.5	12.1		0.2	61.3	13.9	24.6		0.4	6.9	91.7	1.1		0.5	11.5	43	45		
Total %	0.1	5	37.7	5.9	48.6	0	6.3	1.4	2.5	10.3	0.1	2.6	35.2	0.4	38.4	0	0.3	1.2	1.2	2.7	
Class 1	9	903	7262	1151	9325	4	1251	277	508	2040	28	538	6782	79	7427	3	55	234	186	478	19270
% Class 1	56.2	87.2	92.4	94	92	100	95	93	96.2	95	96.6	97.8	92.4	88.8	92.8	100	84.6	96.3	73.2	84.6	92.4
Class 2	7	132	600	74	813	0	66	21	20	107	1	12	555	10	578	0	10	9	68	87	1585
% Class 2	43.8	12.8	7.6	6	8	0	5	7	3.8	5	3.4	2.2	7.6	11.2	7.2	0	15.4	3.7	26.8	15.4	7.6

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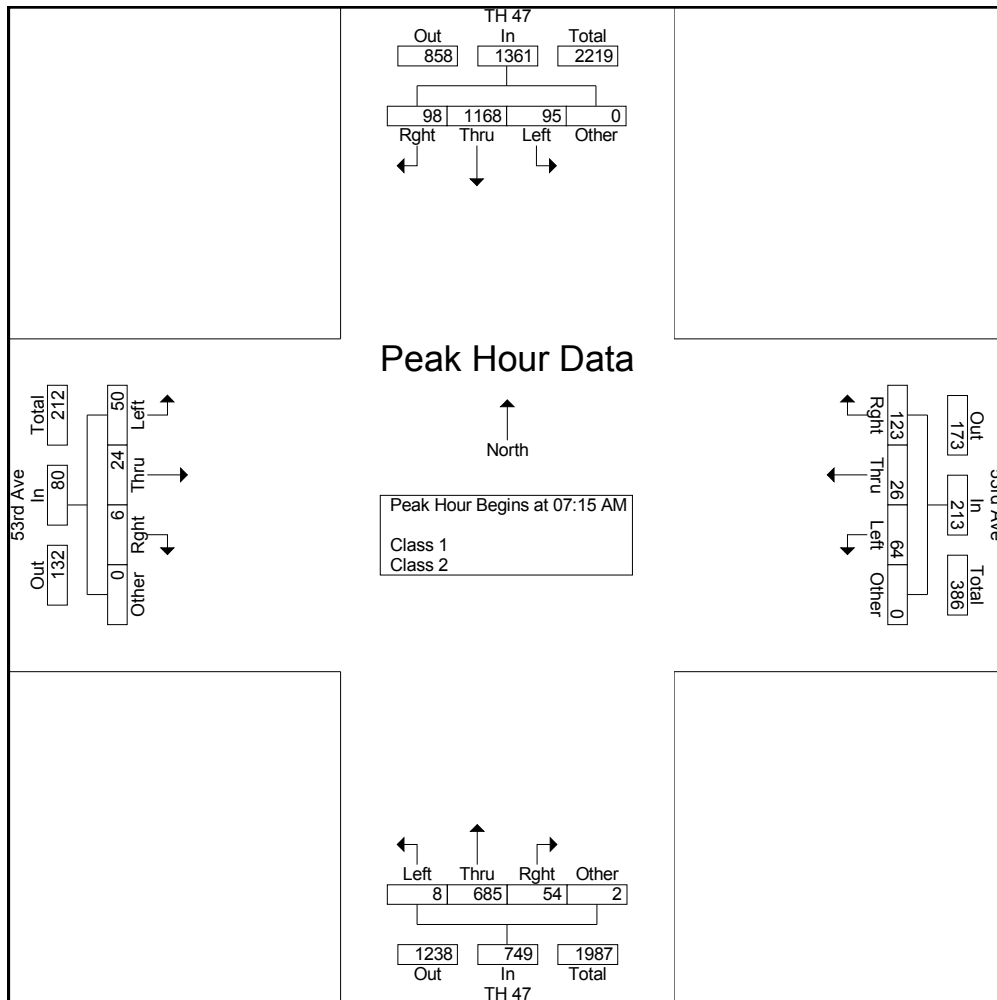
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Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	26	271	16	313	0	31	6	8	45	0	15	157	1	173	0	1	6	17	24	555
07:30 AM	0	19	281	28	328	0	30	9	14	53	0	10	207	1	218	0	3	5	11	19	618
07:45 AM	0	19	325	31	375	0	27	9	20	56	2	15	167	4	188	0	1	10	17	28	647
08:00 AM	0	34	291	20	345	0	35	2	22	59	0	14	154	2	170	0	1	3	5	9	583
Total Volume	0	98	1168	95	1361	0	123	26	64	213	2	54	685	8	749	0	6	24	50	80	2403
% App. Total	0	7.2	85.8	7		0	57.7	12.2	30		0.3	7.2	91.5	1.1		0	7.5	30	62.5		
PHF	.000	.721	.898	.766	.907	.000	.879	.722	.727	.903	.250	.900	.827	.500	.859	.000	.500	.600	.735	.714	.929



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	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	Left	App. Total	Other	Rgh t	Thru	Left	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	0	29	223	40	292	0	53	13	27	93	1	28	325	2	356	0	1	7	1	9	750
05:00 PM	0	22	202	41	265	0	42	5	16	63	0	21	350	3	374	0	2	9	1	12	714
05:15 PM	0	27	210	47	284	0	42	14	28	84	0	27	313	4	344	0	1	8	1	10	722
05:30 PM	0	24	186	40	250	0	34	14	17	65	0	17	296	9	322	0	2	7	2	11	648
Total Volume	0	102	821	168	1091	0	171	46	88	305	1	93	1284	18	1396	0	6	31	5	42	2834
% App. Total	0	9.3	75.3	15.4		0	56.1	15.1	28.9		0.1	6.7	92	1.3		0	14.3	73.8	11.9		
PHF	.000	.879	.920	.894	.934	.000	.807	.821	.786	.820	.250	.830	.917	.500	.933	.000	.750	.861	.625	.875	.945

