

Alliant Engineering Inc Minneapolis, MN 55415

TH-7 at Louisiana Ave S.
Ref.Pt.: 193.050
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 24_TH 7 at Louisiana Ave_011111
Site Code : 00000024
Start Date : 1/11/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Louisiana Ave S Southbound				TH-7 Westbound				Louisiana Ave S Northbound				TH-7 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	8	8	2	0	29	39	1	0	5	2	7	0	7	64	46	0	218
06:15	18	16	5	0	32	76	4	0	4	10	7	0	9	73	93	0	347
06:30	17	15	10	0	64	102	5	0	5	12	4	0	10	120	104	0	468
06:45	18	34	8	0	57	114	5	0	10	14	4	0	34	156	111	1	566
Total	61	73	25	0	182	331	15	0	24	38	22	0	60	413	354	1	1599
07:00	34	26	7	0	59	139	15	0	12	34	2	0	44	195	56	0	623
07:15	48	22	7	0	31	169	12	0	14	18	1	0	39	251	52	0	664
07:30	53	49	16	0	50	227	15	0	27	11	2	0	51	246	34	0	781
07:45	55	41	11	0	66	269	19	0	19	38	1	0	48	257	40	0	864
Total	190	138	41	0	206	804	61	0	72	101	6	0	182	949	182	0	2932
08:00	32	23	8	0	54	208	10	0	26	42	6	0	54	284	38	0	785
08:15	33	27	5	0	58	184	13	0	22	30	3	0	58	195	43	0	671
08:30	34	32	10	1	42	160	17	0	20	21	0	0	43	213	46	1	640
08:45	32	29	11	0	42	195	17	0	27	32	1	0	44	226	60	0	716
Total	131	111	34	1	196	747	57	0	95	125	10	0	199	918	187	1	2812
09:00	28	39	7	0	46	148	12	0	29	32	2	0	33	176	41	0	593
09:15	24	28	10	0	47	135	14	0	20	23	3	0	27	161	44	0	536
*** BREAK ***																	
Total	52	67	17	0	93	283	26	0	49	55	5	0	60	337	85	0	1129
*** BREAK ***																	
10:30	17	35	14	0	39	110	7	0	41	47	6	0	34	155	48	0	553
10:45	11	24	11	0	31	130	10	0	39	26	5	0	23	106	30	0	446
Total	28	59	25	0	70	240	17	0	80	73	11	0	57	261	78	0	999
11:00	16	17	12	0	31	104	9	0	48	39	9	0	30	110	30	0	455
11:15	18	20	19	0	32	130	9	0	60	28	4	0	16	177	33	0	546
11:30	15	7	16	0	18	127	18	0	62	49	9	0	51	120	27	0	519
11:45	23	33	22	0	61	175	17	1	66	32	4	0	40	151	29	0	654
Total	72	77	69	0	142	536	53	1	236	148	26	0	137	558	119	0	2174
12:00	9	19	20	1	30	172	13	0	55	42	2	0	31	179	32	0	605
12:15	23	24	19	0	49	183	18	0	52	40	2	0	63	129	33	0	635
12:30	19	29	13	0	49	187	13	0	53	43	5	0	42	141	55	0	649
12:45	26	33	28	0	32	149	14	0	69	50	2	0	44	128	16	0	591
Total	77	105	80	1	160	691	58	0	229	175	11	0	180	577	136	0	2480
13:00	11	31	17	0	37	177	14	0	47	54	5	0	42	174	38	0	647
13:15	17	42	15	0	33	194	15	0	52	54	3	0	43	166	33	0	667
*** BREAK ***																	
Total	28	73	32	0	70	371	29	0	99	108	8	0	85	340	71	0	1314
*** BREAK ***																	
14:30	18	39	15	0	52	198	29	0	78	58	7	0	29	165	47	1	736
14:45	25	27	21	0	55	203	15	0	67	35	12	0	48	196	56	2	762
Total	43	66	36	0	107	401	44	0	145	93	19	0	77	361	103	3	1498
15:00	27	45	32	0	46	216	20	0	86	55	57	0	24	162	49	0	819
15:15	13	34	30	0	52	238	34	1	84	40	36	0	36	170	36	0	804
15:30	20	22	25	0	34	232	26	0	94	68	41	0	37	183	39	1	822
15:45	22	37	21	0	34	255	21	0	89	58	41	0	47	267	45	0	937
Total	82	138	108	0	166	941	101	1	353	221	175	0	144	782	169	1	3382

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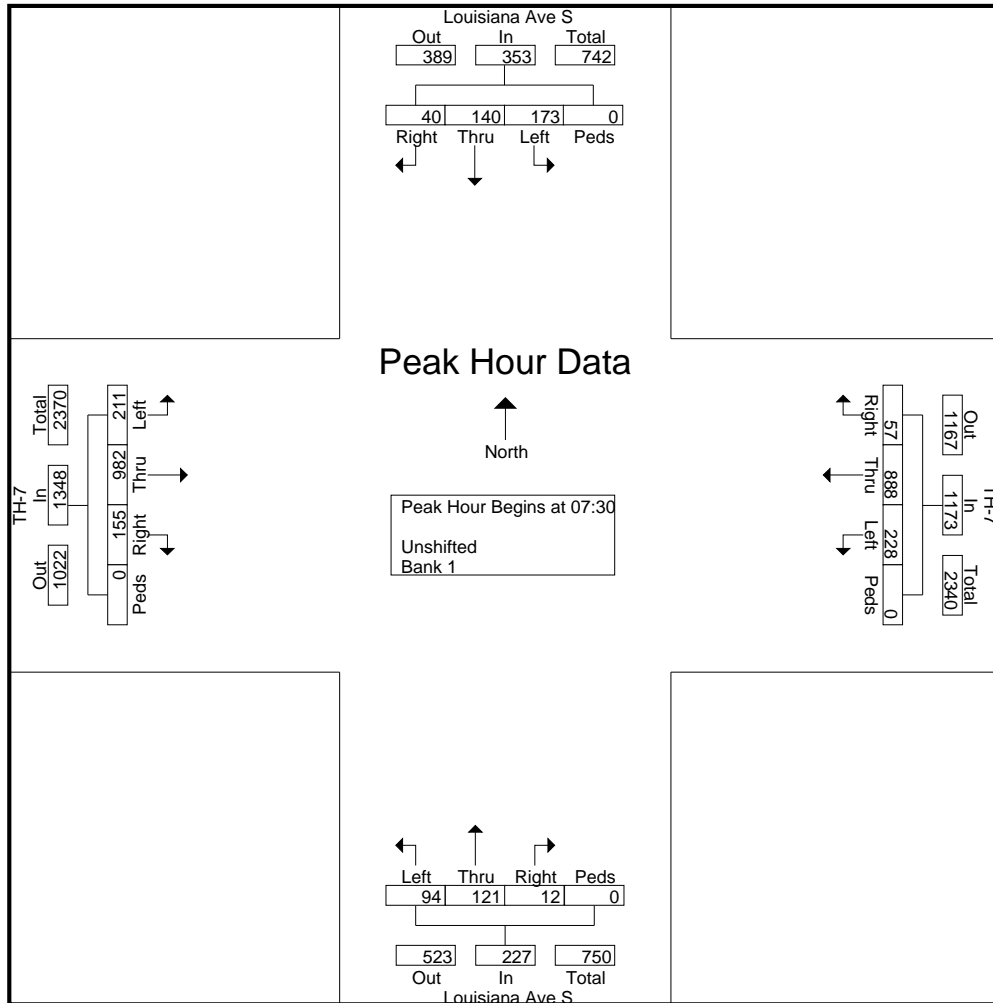
Start Time	Louisiana Ave S Southbound				TH-7 Westbound				Louisiana Ave S Northbound				TH-7 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	20	22	31	0	42	262	25	0	63	73	61	0	48	285	42	0	974
16:15	24	25	27	0	37	239	24	0	72	57	32	0	37	286	32	0	892
16:30	31	37	29	0	27	220	38	0	77	78	69	0	48	270	33	0	957
16:45	19	31	28	0	43	260	37	0	67	72	32	0	65	335	30	0	1019
Total	94	115	115	0	149	981	124	0	279	280	194	0	198	1176	137	0	3842
17:00	29	35	27	1	43	259	47	0	86	75	37	0	44	356	31	1	1071
17:15	26	29	11	0	47	280	52	0	78	83	23	0	72	341	28	0	1070
17:30	28	43	19	0	35	259	37	1	67	69	25	0	111	320	38	0	1052
17:45	19	33	17	0	49	269	47	0	52	56	19	0	88	380	46	0	1075
Total	102	140	74	1	174	1067	183	1	283	283	104	0	315	1397	143	1	4268
Grand Total	960	1162	656	3	1715	7393	768	3	1944	1700	591	0	1694	8069	1764	7	28429
Apprch %	34.5	41.8	23.6	0.1	17.4	74.8	7.8	0	45.9	40.1	14	0	14.7	70	15.3	0.1	
Total %	3.4	4.1	2.3	0	6	26	2.7	0	6.8	6	2.1	0	6	28.4	6.2	0	
Unshifted	932	1108	646	3	1641	7272	735	3	1904	1633	576	0	1664	7952	1724	7	27800
% Unshifted	97.1	95.4	98.5	100	95.7	98.4	95.7	100	97.9	96.1	97.5	0	98.2	98.6	97.7	100	97.8
Bank 1	28	54	10	0	74	121	33	0	40	67	15	0	30	117	40	0	629
% Bank 1	2.9	4.6	1.5	0	4.3	1.6	4.3	0	2.1	3.9	2.5	0	1.8	1.4	2.3	0	2.2

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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 to 09:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30																					
07:30	53	49	16	0	118	50	227	15	0	292	27	11	2	0	40	51	246	34	0	331	781
07:45	55	41	11	0	107	66	269	19	0	354	19	38	1	0	58	48	257	40	0	345	864
08:00	32	23	8	0	63	54	208	10	0	272	26	42	6	0	74	54	284	38	0	376	785
08:15	33	27	5	0	65	58	184	13	0	255	22	30	3	0	55	58	195	43	0	296	671
Total Volume	173	140	40	0	353	228	888	57	0	1173	94	121	12	0	227	211	982	155	0	1348	3101
% App. Total	49	39.7	11.3	0		19.4	75.7	4.9	0		41.4	53.3	5.3	0		15.7	72.8	11.5	0		
PHF	.786	.714	.625	.000	.748	.864	.825	.750	.000	.828	.870	.720	.500	.000	.767	.909	.864	.901	.000	.896	.897



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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 14:30 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:00																					
17:00	29	35	27	1	92	43	259	47	0	349	86	75	37	0	198	44	356	31	1	432	1071
17:15	26	29	11	0	66	47	280	52	0	379	78	83	23	0	184	72	341	28	0	441	1070
17:30	28	43	19	0	90	35	259	37	1	332	67	69	25	0	161	111	320	38	0	469	1052
17:45	19	33	17	0	69	49	269	47	0	365	52	56	19	0	127	88	380	46	0	514	1075
Total Volume	102	140	74	1	317	174	1067	183	1	1425	283	283	104	0	670	315	1397	143	1	1856	4268
% App. Total	32.2	44.2	23.3	0.3		12.2	74.9	12.8	0.1		42.2	42.2	15.5	0		17	75.3	7.7	0.1		
PHF	.879	.814	.685	.250	.861	.888	.953	.880	.250	.940	.823	.852	.703	.000	.846	.709	.919	.777	.250	.903	.993

