

Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at South Shore Drive
Ref.Pt.: 183.025
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 56_TH 55 at South Shore Dr_011911
Site Code : 00000056
Start Date : 1/19/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	South Shore Drive Southbound				TH-55 Westbound				South Shore Drive Northbound				TH-55 Eastbound				Int. Total	
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds		
06:00	9	1	9	0	0	78	1	1	3	6	1	0	13	131	17	0	270	
06:15	14	2	8	0	3	121	4	0	4	3	1	0	3	173	9	0	345	
06:30	14	4	23	0	4	160	9	0	17	4	3	0	13	255	33	0	539	
06:45	14	13	22	0	1	211	2	0	8	5	1	0	13	322	31	0	643	
Total	51	20	62	0	8	570	16	1	32	18	6	0	42	881	90	0	1797	
07:00	30	12	22	0	6	178	8	2	8	5	0	0	18	418	41	0	748	
07:15	30	16	20	0	8	209	10	0	9	9	4	0	23	454	51	0	843	
07:30	25	22	27	0	5	233	3	1	11	19	1	0	15	549	52	0	963	
07:45	25	26	25	0	26	251	1	0	10	10	3	0	28	546	60	0	1011	
Total	110	76	94	0	45	871	22	3	38	43	8	0	84	1967	204	0	3565	
08:00	27	31	17	0	18	243	6	1	17	12	8	0	19	434	83	0	916	
08:15	24	18	29	0	5	228	5	0	15	11	5	0	34	470	66	0	910	
08:30	25	15	25	0	12	198	2	1	15	6	5	0	24	434	33	0	795	
08:45	16	21	21	0	12	230	3	1	7	16	1	0	18	352	36	0	734	
Total	92	85	92	0	47	899	16	3	54	45	19	0	95	1690	218	0	3355	
09:00	17	6	12	0	5	162	4	0	7	9	2	0	14	294	36	0	568	
09:15	19	5	12	0	6	146	4	0	13	15	8	0	30	246	42	0	546	
*** BREAK ***																		
Total	36	11	24	0	11	308	8	0	20	24	10	0	44	540	78	0	1114	
*** BREAK ***																		
10:30	19	3	12	0	6	148	4	0	6	3	2	0	15	155	12	0	385	
10:45	13	5	13	0	6	150	2	0	15	5	1	0	11	170	15	0	406	
Total	32	8	25	0	12	298	6	0	21	8	3	0	26	325	27	0	791	
11:00	16	4	10	0	2	129	9	0	9	10	3	0	11	172	3	0	378	
11:15	21	15	15	0	8	169	5	0	11	7	3	0	22	183	11	0	470	
11:30	18	9	11	0	4	162	7	0	9	6	5	0	24	212	18	0	485	
11:45	17	12	16	0	9	162	6	2	19	8	3	0	13	169	8	0	444	
Total	72	40	52	0	23	622	27	2	48	31	14	0	70	736	40	0	1777	
12:00	13	3	15	0	6	161	8	0	24	7	0	0	13	200	12	0	462	
12:15	21	8	17	0	15	192	3	1	14	15	5	0	15	210	15	0	531	
12:30	29	6	27	0	3	165	4	1	22	8	5	0	23	187	19	0	499	
12:45	18	7	28	0	9	246	6	0	17	14	7	0	12	195	16	0	575	
Total	81	24	87	0	33	764	21	2	77	44	17	0	63	792	62	0	2067	
13:00	18	11	18	0	5	196	5	0	15	12	6	0	8	214	16	0	524	
13:15	31	9	17	0	10	208	6	0	23	15	1	0	17	208	12	0	557	
*** BREAK ***																		
Total	49	20	35	0	15	404	11	0	38	27	7	0	25	422	28	0	1081	
*** BREAK ***																		
14:30	16	2	17	0	3	224	12	0	23	8	4	0	14	235	7	0	565	
14:45	22	12	12	0	2	217	9	0	16	14	3	0	16	249	28	0	600	
Total	38	14	29	0	5	441	21	0	39	22	7	0	30	484	35	0	1165	
15:00	22	10	18	0	12	233	7	0	13	11	5	0	14	282	14	0	641	
15:15	28	9	21	0	8	245	5	0	27	25	6	0	17	260	7	0	658	
15:30	22	16	19	0	10	246	1	0	25	13	7	0	18	429	12	0	818	
15:45	23	9	18	0	8	252	2	1	41	24	7	0	19	268	13	0	685	
Total	95	44	76	0	38	976	15	1	106	73	25	0	68	1239	46	0	2802	

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File Name : 56_TH 55 at South Shore Dr_011911
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Start Date : 1/19/2011
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Groups Printed- Unshifted - Bank 1

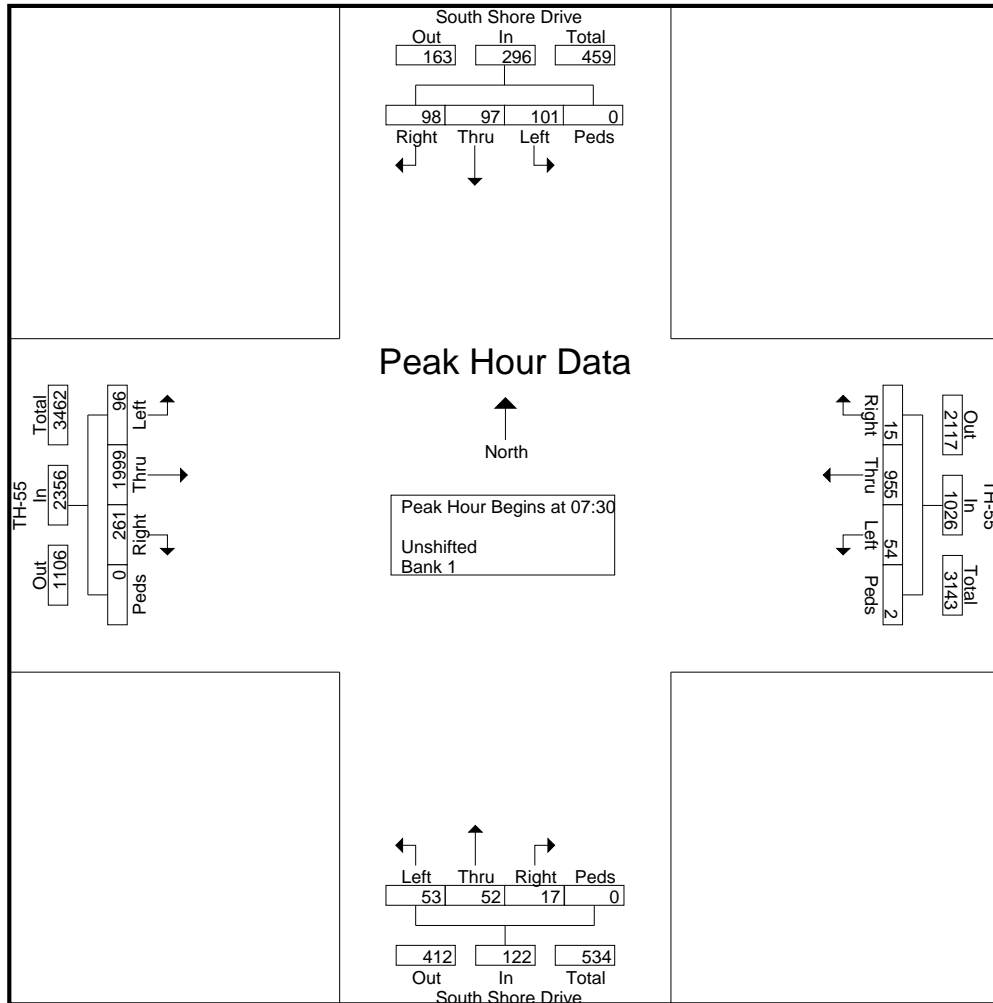
Start Time	South Shore Drive Southbound				TH-55 Westbound				South Shore Drive Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	20	10	23	0	3	276	3	0	46	26	8	0	27	383	5	0	830
16:15	28	11	26	0	11	355	4	0	61	26	9	0	19	325	21	0	896
16:30	30	26	29	0	12	369	4	1	78	43	4	0	20	368	19	0	1003
16:45	30	12	22	0	19	391	8	0	73	35	9	0	29	337	16	0	981
Total	108	59	100	0	45	1391	19	1	258	130	30	0	95	1413	61	0	3710
17:00	24	24	21	0	13	395	7	0	78	44	12	0	23	373	23	0	1037
17:15	20	13	29	0	14	436	3	0	93	41	8	0	19	327	15	0	1018
17:30	28	11	25	0	15	395	3	1	83	30	13	0	22	343	26	0	995
17:45	20	9	13	0	12	349	3	0	70	17	12	0	24	318	21	0	868
Total	92	57	88	0	54	1575	16	1	324	132	45	0	88	1361	85	0	3918
Grand Total	856	458	764	0	336	9119	198	14	1055	597	191	0	730	11850	974	0	27142
Apprch %	41.2	22	36.8	0	3.5	94.3	2	0.1	57.2	32.4	10.4	0	5.4	87.4	7.2	0	
Total %	3.2	1.7	2.8	0	1.2	33.6	0.7	0.1	3.9	2.2	0.7	0	2.7	43.7	3.6	0	
Unshifted	833	443	735	0	326	8922	190	14	1023	572	177	0	708	11626	935	0	26504
% Unshifted	97.3	96.7	96.2	0	97	97.8	96	100	97	95.8	92.7	0	97	98.1	96	0	97.6
Bank 1	23	15	29	0	10	197	8	0	32	25	14	0	22	224	39	0	638
% Bank 1	2.7	3.3	3.8	0	3	2.2	4	0	3	4.2	7.3	0	3	1.9	4	0	2.4

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Start Time	South Shore Drive Southbound					TH-55 Westbound					South Shore Drive Northbound					TH-55 Eastbound					Int. Total
	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	25	22	27	0	74	5	233	3	1	242	11	19	1	0	31	15	549	52	0	616	963
07:45	25	26	25	0	76	26	251	1	0	278	10	10	3	0	23	28	546	60	0	634	1011
08:00	27	31	17	0	75	18	243	6	1	268	17	12	8	0	37	19	434	83	0	536	916
08:15	24	18	29	0	71	5	228	5	0	238	15	11	5	0	31	34	470	66	0	570	910
Total Volume	101	97	98	0	296	54	955	15	2	1026	53	52	17	0	122	96	1999	261	0	2356	3800
% App. Total	34.1	32.8	33.1	0		5.3	93.1	1.5	0.2		43.4	42.6	13.9	0		4.1	84.8	11.1	0		
PHF	.935	.782	.845	.000	.974	.519	.951	.625	.500	.923	.779	.684	.531	.000	.824	.706	.910	.786	.000	.929	.940



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Start Time	South Shore Drive Southbound					TH-55 Westbound					South Shore Drive Northbound					TH-55 Eastbound					Int. Total
	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 16:30																					
16:30	30	26	29	0	85	12	369	4	1	386	78	43	4	0	125	20	368	19	0	407	1003
16:45	30	12	22	0	64	19	391	8	0	418	73	35	9	0	117	29	337	16	0	382	981
17:00	24	24	21	0	69	13	395	7	0	415	78	44	12	0	134	23	373	23	0	419	1037
17:15	20	13	29	0	62	14	436	3	0	453	93	41	8	0	142	19	327	15	0	361	1018
Total Volume	104	75	101	0	280	58	1591	22	1	1672	322	163	33	0	518	91	1405	73	0	1569	4039
% App. Total	37.1	26.8	36.1	0		3.5	95.2	1.3	0.1		62.2	31.5	6.4	0		5.8	89.5	4.7	0		
PHF	.867	.721	.871	.000	.824	.763	.912	.688	.250	.923	.866	.926	.688	.000	.912	.784	.942	.793	.000	.936	.974

