

Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at Douglas Drive
Ref.Pt.: 186.090
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 63_TH 55 at Douglas Dr_011811
Site Code : 00000063
Start Date : 1/18/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Douglas Drive Southbound				TH-55 Westbound				Douglas Drive / south frontage road Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	30	5	15	1	2	75	15	0	1	4	1	0	26	96	1	0	272
06:15	19	5	5	0	0	135	26	0	0	0	5	0	40	121	1	0	357
06:30	32	4	8	0	3	209	46	1	1	4	2	2	51	200	1	0	564
06:45	39	5	15	0	6	226	59	1	4	7	7	0	69	247	16	0	701
Total	120	19	43	1	11	645	146	2	6	15	15	2	186	664	19	0	1894
07:00	57	9	12	0	2	186	67	0	5	4	8	0	64	389	3	0	806
07:15	66	11	27	2	6	236	95	0	6	7	5	0	88	437	7	0	993
07:30	89	16	25	0	10	259	116	4	5	9	14	0	82	468	19	0	1116
07:45	72	18	29	0	11	275	128	5	10	7	18	0	96	465	17	0	1151
Total	284	54	93	2	29	956	406	9	26	27	45	0	330	1759	46	0	4066
08:00	81	16	31	1	4	268	109	1	3	8	14	0	107	449	3	0	1095
08:15	74	14	23	1	6	269	104	1	0	8	5	0	74	359	4	0	942
08:30	57	5	28	0	5	227	104	2	6	9	7	0	75	315	7	0	847
08:45	49	5	28	1	1	244	71	0	2	10	6	0	77	280	3	0	777
Total	261	40	110	3	16	1008	388	4	11	35	32	0	333	1403	17	0	3661
09:00	48	9	30	0	3	164	62	0	3	11	2	0	61	195	2	0	590
09:15	36	7	20	0	3	160	48	0	6	10	3	0	42	207	2	0	544
*** BREAK ***																	
Total	84	16	50	0	6	324	110	0	9	21	5	0	103	402	4	0	1134
*** BREAK ***																	
10:30	42	11	18	1	3	138	28	0	1	8	9	0	24	139	0	0	422
10:45	33	7	28	0	4	148	15	0	2	5	2	0	18	133	6	0	401
Total	75	18	46	1	7	286	43	0	3	13	11	0	42	272	6	0	823
11:00	32	11	36	0	1	155	21	0	3	8	4	0	13	143	1	0	428
11:15	38	23	35	0	2	152	30	0	5	13	6	0	21	126	3	0	454
11:30	42	10	39	1	5	191	23	1	6	12	5	0	26	171	2	0	534
11:45	39	12	40	0	4	179	23	0	3	13	3	0	31	144	4	2	497
Total	151	56	150	1	12	677	97	1	17	46	18	0	91	584	10	2	1913
12:00	41	7	44	0	4	169	23	0	9	12	5	0	32	173	2	0	521
12:15	37	8	32	0	2	178	43	0	3	12	2	0	30	150	3	0	500
12:30	40	10	33	0	2	179	26	0	7	15	1	0	27	181	1	0	522
12:45	42	7	26	3	8	184	30	0	4	11	6	0	48	194	6	0	569
Total	160	32	135	3	16	710	122	0	23	50	14	0	137	698	12	0	2112
13:00	47	7	26	0	5	177	32	0	6	15	7	0	39	163	3	0	527
13:15	33	8	26	0	3	165	38	0	2	10	7	0	36	157	5	0	490
*** BREAK ***																	
Total	80	15	52	0	8	342	70	0	8	25	14	0	75	320	8	0	1017
*** BREAK ***																	
14:30	56	1	56	1	8	199	35	0	5	9	4	0	26	206	1	0	607
14:45	43	10	34	0	4	211	44	0	9	5	9	0	36	224	1	0	630
Total	99	11	90	1	12	410	79	0	14	14	13	0	62	430	2	0	1237
15:00	60	6	71	1	6	186	24	0	11	10	13	0	32	275	5	0	700
15:15	56	7	40	0	3	221	34	0	8	7	11	0	38	313	2	0	740
15:30	79	10	55	0	4	264	40	1	6	11	9	0	40	388	5	0	912
15:45	62	5	63	0	4	264	46	0	5	10	3	0	31	368	6	0	867
Total	257	28	229	1	17	935	144	1	30	38	36	0	141	1344	18	0	3219

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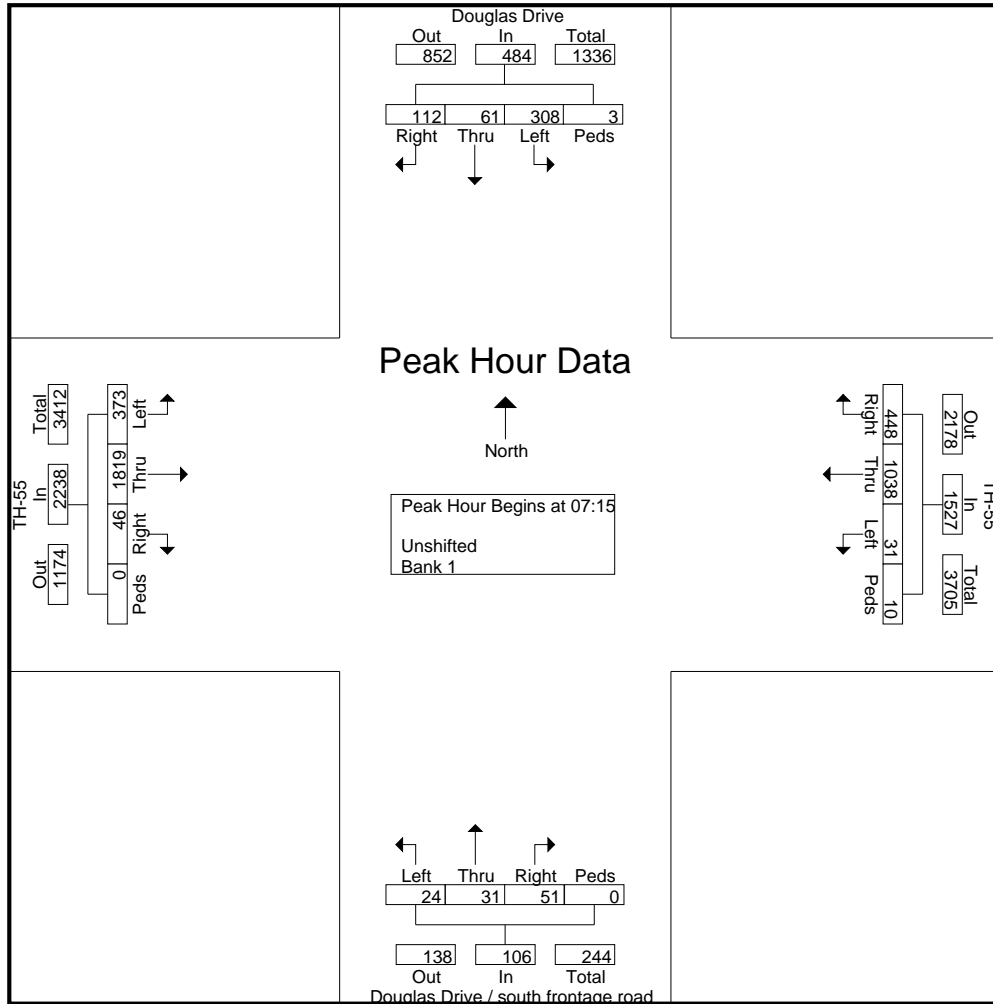
Start Time	Douglas Drive Southbound				TH-55 Westbound				Douglas Drive / south frontage road Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	88	23	76	0	9	268	42	0	9	17	15	0	29	354	5	0	935
16:15	91	7	62	0	7	300	40	0	9	23	17	0	37	388	16	0	997
16:30	107	9	84	0	8	337	44	0	2	13	15	2	28	380	5	1	1035
16:45	85	12	63	0	6	372	87	0	5	21	11	0	29	433	4	0	1128
Total	371	51	285	0	30	1277	213	0	25	74	58	2	123	1555	30	1	4095
17:00	145	17	98	0	9	365	44	2	8	27	12	0	30	416	11	0	1184
17:15	102	16	82	0	9	368	75	0	5	24	9	0	35	523	13	1	1262
17:30	101	7	58	0	7	380	58	1	4	14	7	0	33	400	9	0	1079
17:45	86	13	49	0	4	323	31	0	3	16	3	0	32	319	8	0	887
Total	434	53	287	0	29	1436	208	3	20	81	31	0	130	1658	41	1	4412
Grand Total	2376	393	1570	13	193	9006	2026	20	192	439	292	4	1753	11089	213	4	29583
Apprch %	54.6	9	36.1	0.3	1.7	80.1	18	0.2	20.7	47.4	31.5	0.4	13.4	84.9	1.6	0	
Total %	8	1.3	5.3	0	0.7	30.4	6.8	0.1	0.6	1.5	1	0	5.9	37.5	0.7	0	
Unshifted	2305	386	1521	11	188	8724	1959	20	192	433	286	4	1721	10899	213	4	28866
% Unshifted	97	98.2	96.9	84.6	97.4	96.9	96.7	100	100	98.6	97.9	100	98.2	98.3	100	100	97.6
Bank 1	71	7	49	2	5	282	67	0	0	6	6	0	32	190	0	0	717
% Bank 1	3	1.8	3.1	15.4	2.6	3.1	3.3	0	0	1.4	2.1	0	1.8	1.7	0	0	2.4

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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 07:15																					
07:15	66	11	27	2	106	6	236	95	0	337	6	7	5	0	18	88	437	7	0	532	993
07:30	89	16	25	0	130	10	259	116	4	389	5	9	14	0	28	82	468	19	0	569	1116
07:45	72	18	29	0	119	11	275	128	5	419	10	7	18	0	35	96	465	17	0	578	1151
08:00	81	16	31	1	129	4	268	109	1	382	3	8	14	0	25	107	449	3	0	559	1095
Total Volume	308	61	112	3	484	31	1038	448	10	1527	24	31	51	0	106	373	1819	46	0	2238	4355
% App. Total	63.6	12.6	23.1	0.6		2	68	29.3	0.7		22.6	29.2	48.1	0		16.7	81.3	2.1	0		
PHF	.865	.847	.903	.375	.931	.705	.944	.875	.500	.911	.600	.861	.708	.000	.757	.871	.972	.605	.000	.968	.946



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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 16:45																					
16:45	85	12	63	0	160	6	372	87	0	465	5	21	11	0	37	29	433	4	0	466	1128
17:00	145	17	98	0	260	9	365	44	2	420	8	27	12	0	47	30	416	11	0	457	1184
17:15	102	16	82	0	200	9	368	75	0	452	5	24	9	0	38	35	523	13	1	572	1262
17:30	101	7	58	0	166	7	380	58	1	446	4	14	7	0	25	33	400	9	0	442	1079
Total Volume	433	52	301	0	786	31	1485	264	3	1783	22	86	39	0	147	127	1772	37	1	1937	4653
% App. Total	55.1	6.6	38.3	0		1.7	83.3	14.8	0.2		15	58.5	26.5	0		6.6	91.5	1.9	0.1		
PHF	.747	.765	.768	.000	.756	.861	.977	.759	.375	.959	.688	.796	.813	.000	.782	.907	.847	.712	.250	.847	.922

