

Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at Lexington Ave S / Blue Gentian
Ref.Pt.: 201.357
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 06_TH 55 at Lexington Ave-Blue Gentian_021710
Site Code : 00000006
Start Date : 2/17/2010
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	TH-55 Southbound				Blue Gentian Rd Westbound				TH-55 Northbound				Lexington Ave S / Co.Rd.43 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	15	38	3	1	0	2	0	0	5	124	2	0	27	7	2	0	226
06:15	17	55	11	0	0	2	1	0	0	137	3	0	43	16	2	0	287
06:30	63	87	14	0	0	1	7	0	10	187	4	0	78	30	5	0	486
06:45	75	132	19	0	0	3	9	0	13	178	6	0	92	48	8	0	583
Total	170	312	47	1	0	8	17	0	28	626	15	0	240	101	17	0	1582
07:00	19	103	28	0	0	2	7	0	7	223	4	0	118	30	4	0	545
07:15	27	99	28	0	0	0	4	0	9	286	4	0	103	43	6	0	609
07:30	53	193	34	0	3	6	2	0	7	260	6	0	136	50	6	0	756
07:45	76	205	31	0	0	3	5	0	10	230	9	0	101	57	17	0	744
Total	175	600	121	0	3	11	18	0	33	999	23	0	458	180	33	0	2654
08:00	41	146	29	0	1	6	7	0	8	213	5	0	98	38	3	0	595
08:15	27	116	21	0	1	4	5	0	5	173	4	0	61	40	11	0	468
08:30	36	123	13	0	1	3	8	0	7	145	1	0	72	22	10	0	441
08:45	26	93	22	0	1	3	24	0	1	121	2	0	44	31	8	0	376
Total	130	478	85	0	4	16	44	0	21	652	12	0	275	131	32	0	1880
09:00	9	82	12	2	1	7	17	0	7	126	5	0	50	32	7	0	357
09:15	18	82	15	0	1	0	4	0	6	120	4	0	53	21	5	0	329
*** BREAK ***																	
Total	27	164	27	2	2	7	21	0	13	246	9	0	103	53	12	0	686
*** BREAK ***																	
10:30	11	56	17	0	0	4	11	0	7	79	5	0	23	15	3	0	231
10:45	5	53	19	1	1	10	25	0	5	92	7	0	19	10	8	0	255
Total	16	109	36	1	1	14	36	0	12	171	12	0	42	25	11	0	486
11:00	4	73	21	0	3	19	13	0	13	83	4	0	13	10	10	0	266
11:15	7	94	39	0	4	31	18	0	13	101	3	0	25	10	7	0	352
11:30	9	78	44	0	1	35	26	0	24	69	7	0	29	16	5	0	343
11:45	30	80	22	1	4	55	44	0	14	101	8	0	37	37	11	0	444
Total	50	325	126	1	12	140	101	0	64	354	22	0	104	73	33	0	1405
12:00	15	95	34	0	4	45	28	0	18	101	10	0	33	25	9	0	417
12:15	16	70	28	1	6	27	18	0	15	102	8	0	22	32	8	0	353
12:30	10	93	44	0	0	24	17	0	10	111	5	0	35	26	11	0	386
12:45	17	68	22	0	2	13	20	0	8	101	3	0	30	30	12	0	326
Total	58	326	128	1	12	109	83	0	51	415	26	0	120	113	40	0	1482
13:00	16	87	18	0	6	26	15	0	8	87	7	0	40	17	9	0	336
13:15	8	77	23	0	4	17	18	0	20	110	4	0	17	17	5	0	320
*** BREAK ***																	
Total	24	164	41	0	10	43	33	0	28	197	11	0	57	34	14	0	656
*** BREAK ***																	
14:30	4	100	38	0	3	14	13	0	16	116	2	0	22	3	8	0	339
14:45	14	85	46	5	4	9	13	0	12	83	2	0	30	7	1	0	311
Total	18	185	84	5	7	23	26	0	28	199	4	0	52	10	9	0	650
15:00	17	103	46	0	1	23	26	0	12	115	3	0	32	9	11	0	398
15:15	33	129	55	2	3	21	34	0	6	99	1	0	41	13	10	0	447
15:30	14	149	60	2	5	38	118	0	23	133	3	0	25	9	10	0	589
15:45	9	154	47	0	0	29	31	0	19	136	2	0	36	9	3	0	475
Total	73	535	208	4	9	111	209	0	60	483	9	0	134	40	34	0	1909

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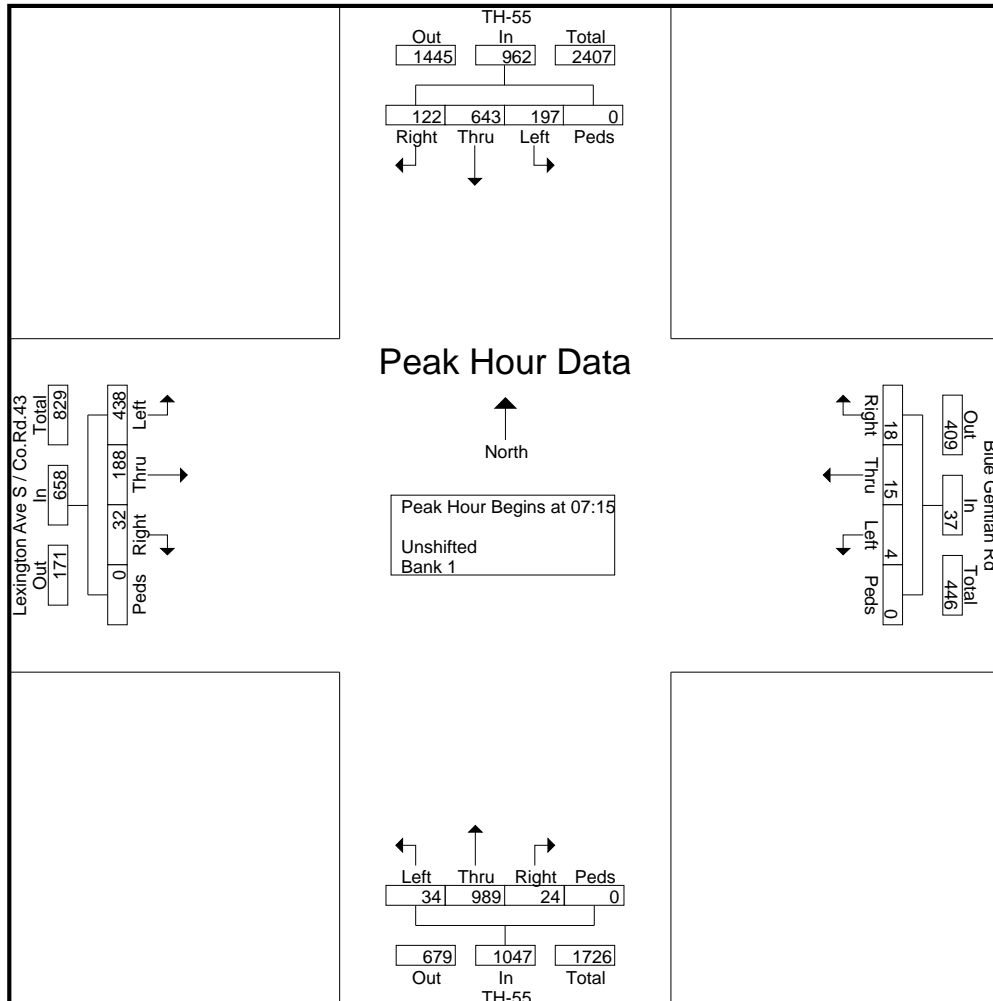
Start Time	TH-55 Southbound				Blue Gentian Rd Westbound				TH-55 Northbound				Lexington Ave S / Co.Rd.43 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	3	160	49	0	3	41	58	0	17	147	2	0	35	5	2	0	522
16:15	2	172	61	0	8	41	54	1	7	152	4	0	26	7	7	0	542
16:30	5	225	73	0	10	46	54	0	19	162	3	0	27	12	5	0	641
16:45	16	235	84	1	4	42	47	0	16	166	6	0	35	7	2	0	661
Total	26	792	267	1	25	170	213	1	59	627	15	0	123	31	16	0	2366
17:00	8	243	56	0	6	53	78	0	25	199	2	0	52	4	5	0	731
17:15	11	223	80	0	2	42	45	0	16	159	8	0	40	6	2	0	634
17:30	11	195	63	0	4	28	36	0	17	128	2	0	35	9	7	0	535
17:45	22	176	51	0	1	18	29	0	12	126	0	0	42	3	3	0	483
Total	52	837	250	0	13	141	188	0	70	612	12	0	169	22	17	0	2383
Grand Total	819	4827	1420	16	98	793	989	1	467	5581	170	0	1877	813	268	0	18139
Apprch %	11.6	68.2	20.1	0.2	5.2	42.2	52.6	0.1	7.5	89.8	2.7	0	63.5	27.5	9.1	0	
Total %	4.5	26.6	7.8	0.1	0.5	4.4	5.5	0	2.6	30.8	0.9	0	10.3	4.5	1.5	0	
Unshifted	803	4740	1376	15	95	773	947	1	449	5452	168	0	1832	801	251	0	17703
% Unshifted	98	98.2	96.9	93.8	96.9	97.5	95.8	100	96.1	97.7	98.8	0	97.6	98.5	93.7	0	97.6
Bank 1	16	87	44	1	3	20	42	0	18	129	2	0	45	12	17	0	436
% Bank 1	2	1.8	3.1	6.2	3.1	2.5	4.2	0	3.9	2.3	1.2	0	2.4	1.5	6.3	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	27	99	28	0	154	0	0	4	0	4	9	286	4	0	299	103	43	6	0	152	609
07:30	53	193	34	0	280	3	6	2	0	11	7	260	6	0	273	136	50	6	0	192	756
07:45	76	205	31	0	312	0	3	5	0	8	10	230	9	0	249	101	57	17	0	175	744
08:00	41	146	29	0	216	1	6	7	0	14	8	213	5	0	226	98	38	3	0	139	595
Total Volume	197	643	122	0	962	4	15	18	0	37	34	989	24	0	1047	438	188	32	0	658	2704
% App. Total	20.5	66.8	12.7	0		10.8	40.5	48.6	0		3.2	94.5	2.3	0		66.6	28.6	4.9	0		
PHF	.648	.784	.897	.000	.771	.333	.625	.643	.000	.661	.850	.865	.667	.000	.875	.805	.825	.471	.000	.857	.894



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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 15:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	5	225	73	0	303	10	46	54	0	110	19	162	3	0	184	27	12	5	0	44	641
16:45	16	235	84	1	336	4	42	47	0	93	16	166	6	0	188	35	7	2	0	44	661
17:00	8	243	56	0	307	6	53	78	0	137	25	199	2	0	226	52	4	5	0	61	731
17:15	11	223	80	0	314	2	42	45	0	89	16	159	8	0	183	40	6	2	0	48	634
Total Volume	40	926	293	1	1260	22	183	224	0	429	76	686	19	0	781	154	29	14	0	197	2667
% App. Total	3.2	73.5	23.3	0.1		5.1	42.7	52.2	0		9.7	87.8	2.4	0		78.2	14.7	7.1	0		
PHF	.625	.953	.872	.250	.938	.550	.863	.718	.000	.783	.760	.862	.594	.000	.864	.740	.604	.700	.000	.807	.912

