

Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at Winnetka Ave / Co.Rd.156

Ref.Pt.: 185.055

Alliant Engineering Inc

TURN MOVEMENT COUNT

File Name : 59_TH 55 at Winnetka Ave_011811

Site Code : 00000059

Start Date : 1/18/2011

Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Winnetka Ave N / Co.Rd.156 Southbound				TH-55 Westbound				Winnetka Ave N / Co.Rd.156 Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	11	8	7	0	2	76	5	0	1	9	5	0	3	113	11	0	251
06:15	20	17	14	0	3	112	7	0	4	4	1	0	6	126	18	0	332
06:30	28	15	12	0	3	155	7	0	3	4	5	0	3	226	28	0	489
06:45	45	33	20	0	5	202	20	0	14	13	4	0	20	287	27	0	690
Total	104	73	53	0	13	545	39	0	22	30	15	0	32	752	84	0	1762
07:00	57	47	17	0	2	171	23	0	12	15	6	0	26	435	34	0	845
07:15	61	62	10	0	5	189	14	0	8	21	12	0	18	517	26	0	943
07:30	118	81	30	0	3	218	17	0	24	14	7	0	18	492	32	0	1054
07:45	89	75	13	0	4	256	21	0	23	35	12	0	21	491	35	0	1075
Total	325	265	70	0	14	834	75	0	67	85	37	0	83	1935	127	0	3917
08:00	60	55	18	0	3	253	30	0	14	19	9	0	24	434	39	0	958
08:15	60	35	24	0	5	259	15	0	10	32	8	0	20	401	31	0	900
08:30	66	42	13	0	5	190	12	0	13	23	10	0	17	339	25	0	755
08:45	55	38	15	0	9	218	29	0	12	24	4	0	16	348	19	0	787
Total	241	170	70	0	22	920	86	0	49	98	31	0	77	1522	114	0	3400
09:00	41	28	17	0	9	174	18	0	16	26	6	0	31	206	19	0	591
09:15	42	41	12	0	2	170	26	0	13	32	2	0	30	223	23	0	616
*** BREAK ***																	
Total	83	69	29	0	11	344	44	0	29	58	8	0	61	429	42	0	1207
*** BREAK ***																	
10:30	29	26	22	1	7	142	18	0	6	32	1	0	30	124	17	0	455
10:45	27	25	13	0	5	139	36	0	4	27	3	0	36	129	12	0	456
Total	56	51	35	1	12	281	54	0	10	59	4	0	66	253	29	0	911
11:00	46	29	29	0	3	160	44	0	20	29	4	0	35	116	13	0	528
11:15	33	18	39	0	14	143	44	0	24	35	4	0	59	113	13	0	539
11:30	42	38	37	0	5	176	49	0	22	54	4	0	42	154	18	0	641
11:45	48	48	32	0	11	181	46	0	22	53	1	0	50	151	16	0	659
Total	169	133	137	0	33	660	183	0	88	171	13	0	186	534	60	0	2367
12:00	55	39	44	0	8	166	45	0	16	48	2	0	42	162	9	0	636
12:15	59	40	50	0	8	169	37	0	20	38	5	0	51	131	12	0	620
12:30	55	47	38	0	7	157	54	0	17	38	2	0	29	161	13	0	618
12:45	60	39	42	0	16	162	46	0	20	42	6	0	36	162	13	0	644
Total	229	165	174	0	39	654	182	0	73	166	15	0	158	616	47	0	2518
13:00	47	36	45	0	2	175	30	0	13	31	3	0	40	171	10	0	603
13:15	56	35	29	0	7	148	37	0	18	47	3	0	33	153	11	0	577
*** BREAK ***																	
Total	103	71	74	0	9	323	67	0	31	78	6	0	73	324	21	0	1180
*** BREAK ***																	
14:30	39	32	22	0	7	167	31	0	18	30	4	0	35	172	11	0	568
14:45	54	37	18	0	3	211	33	0	18	34	7	0	29	217	18	0	679
Total	93	69	40	0	10	378	64	0	36	64	11	0	64	389	29	0	1247
15:00	39	42	19	0	13	230	38	0	32	46	10	0	40	294	16	0	819
15:15	43	46	18	0	3	219	41	0	42	42	3	0	39	337	15	0	848
15:30	60	26	14	0	4	264	48	0	26	51	3	0	25	381	15	0	917
15:45	44	26	25	0	5	270	39	0	32	67	5	0	31	351	18	0	913
Total	186	140	76	0	25	983	166	0	132	206	21	0	135	1363	64	0	3497

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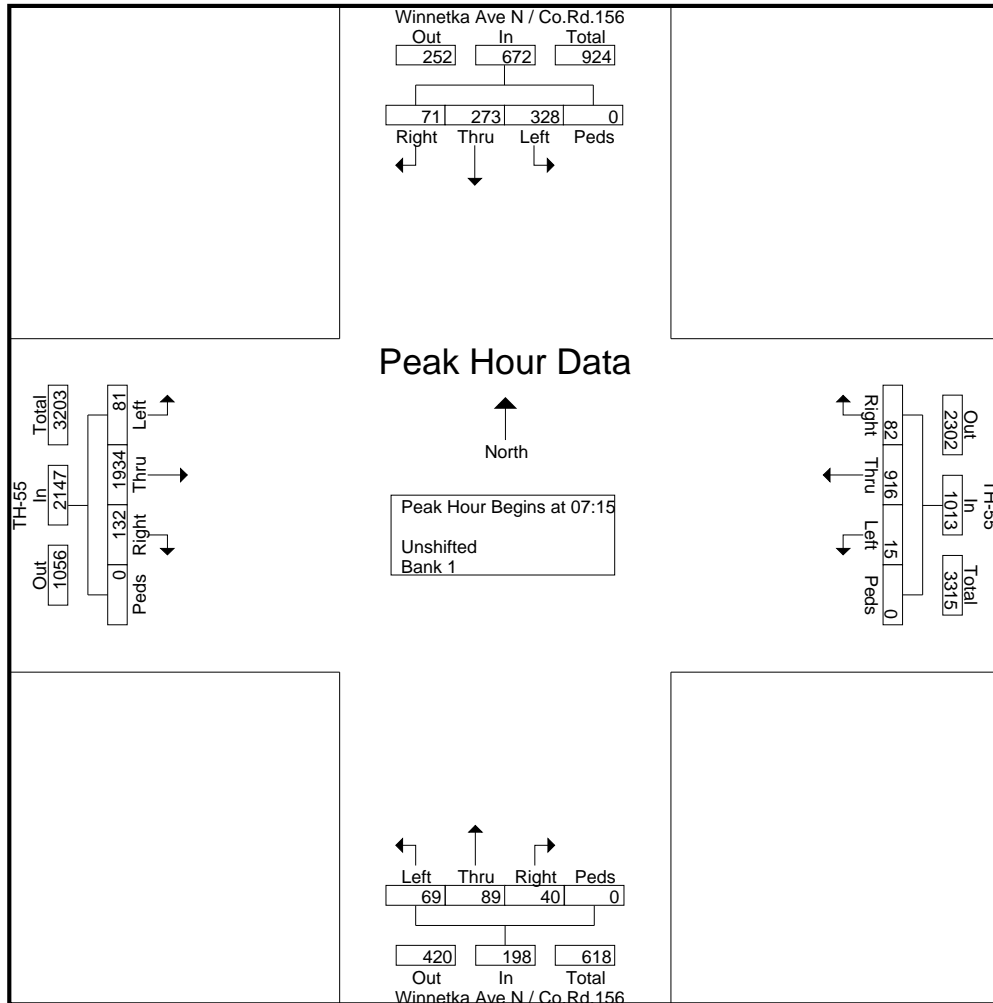
Start Time	Winnetka Ave N / Co.Rd.156 Southbound				TH-55 Westbound				Winnetka Ave N / Co.Rd.156 Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	55	38	13	0	9	274	39	0	59	80	18	0	21	313	23	0	942
16:15	45	34	21	0	12	291	36	1	59	86	2	0	53	470	16	0	1126
16:30	49	53	15	0	5	285	45	0	61	74	2	0	41	394	20	0	1044
16:45	48	54	21	0	13	352	48	0	57	73	5	0	64	453	29	0	1217
Total	197	179	70	0	39	1202	168	1	236	313	27	0	179	1630	88	0	4329
17:00	47	53	26	0	15	365	48	0	57	98	7	0	78	427	12	0	1233
17:15	51	47	30	0	13	388	56	0	61	111	8	0	90	538	19	0	1412
17:30	59	77	27	0	13	405	76	0	31	62	4	0	58	413	28	0	1253
17:45	38	38	32	0	6	302	52	0	36	63	4	0	38	336	13	0	958
Total	195	215	115	0	47	1460	232	0	185	334	23	0	264	1714	72	0	4856
Grand Total	1981	1600	943	1	274	8584	1360	1	958	1662	211	0	1378	11461	777	0	31191
Apprch %	43.8	35.4	20.8	0	2.7	84	13.3	0	33.8	58.7	7.5	0	10.1	84.2	5.7	0	
Total %	6.4	5.1	3	0	0.9	27.5	4.4	0	3.1	5.3	0.7	0	4.4	36.7	2.5	0	
Unshifted	1950	1581	925	1	263	8328	1331	1	937	1631	200	0	1357	11169	766	0	30440
% Unshifted	98.4	98.8	98.1	100	96	97	97.9	100	97.8	98.1	94.8	0	98.5	97.5	98.6	0	97.6
Bank 1	31	19	18	0	11	256	29	0	21	31	11	0	21	292	11	0	751
% Bank 1	1.6	1.2	1.9	0	4	3	2.1	0	2.2	1.9	5.2	0	1.5	2.5	1.4	0	2.4

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Start Time	Winnetka Ave N / Co.Rd.156 Southbound					TH-55 Westbound					Winnetka Ave N / Co.Rd.156 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 07:15																					
07:15	61	62	10	0	133	5	189	14	0	208	8	21	12	0	41	18	517	26	0	561	943
07:30	118	81	30	0	229	3	218	17	0	238	24	14	7	0	45	18	492	32	0	542	1054
07:45	89	75	13	0	177	4	256	21	0	281	23	35	12	0	70	21	491	35	0	547	1075
08:00	60	55	18	0	133	3	253	30	0	286	14	19	9	0	42	24	434	39	0	497	958
Total Volume	328	273	71	0	672	15	916	82	0	1013	69	89	40	0	198	81	1934	132	0	2147	4030
% App. Total	48.8	40.6	10.6	0		1.5	90.4	8.1	0		34.8	44.9	20.2	0		3.8	90.1	6.1	0		
PHF	.695	.843	.592	.000	.734	.750	.895	.683	.000	.885	.719	.636	.833	.000	.707	.844	.935	.846	.000	.957	.937



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Start Time	Winnetka Ave N / Co.Rd.156 Southbound					TH-55 Westbound					Winnetka Ave N / Co.Rd.156 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 16:45																					
16:45	48	54	21	0	123	13	352	48	0	413	57	73	5	0	135	64	453	29	0	546	1217
17:00	47	53	26	0	126	15	365	48	0	428	57	98	7	0	162	78	427	12	0	517	1233
17:15	51	47	30	0	128	13	388	56	0	457	61	111	8	0	180	90	538	19	0	647	1412
17:30	59	77	27	0	163	13	405	76	0	494	31	62	4	0	97	58	413	28	0	499	1253
Total Volume	205	231	104	0	540	54	1510	228	0	1792	206	344	24	0	574	290	1831	88	0	2209	5115
% App. Total	38	42.8	19.3	0		3	84.3	12.7	0		35.9	59.9	4.2	0		13.1	82.9	4	0		
PHF	.869	.750	.867	.000	.828	.900	.932	.750	.000	.907	.844	.775	.750	.000	.797	.806	.851	.759	.000	.854	.906

