

Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at Pinto Drive
Ref.Pt.: 175.557
Alliant Engineering Inc
TURN MOVEMENT COUNT

File Name : 31_TH 55 at Pinto Dr_012711
Site Code : 00000031
Start Date : 1/27/2011
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Pinto Drive / Co.Rd.116 Southbound				TH-55 Westbound				Pinto Drive / Co.Rd.115 Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	70	4	8	0	0	35	5	0	1	1	3	0	5	199	2	0	333
06:15	78	9	17	0	0	60	10	0	2	2	3	0	10	212	1	0	404
06:30	91	5	21	0	1	83	19	0	1	3	3	0	12	270	1	0	510
06:45	127	13	19	0	6	88	19	0	0	4	2	0	9	248	5	0	540
Total	366	31	65	0	7	266	53	0	4	10	11	0	36	929	9	0	1787
07:00	120	8	12	0	1	57	12	0	1	8	4	0	14	209	3	0	449
07:15	141	16	17	0	5	84	22	0	0	9	5	0	14	247	6	0	566
07:30	170	27	16	0	2	96	18	0	0	9	5	0	12	265	2	0	622
07:45	138	27	44	0	5	122	19	0	3	11	5	0	11	245	3	0	633
Total	569	78	89	0	13	359	71	0	4	37	19	0	51	966	14	0	2270
08:00	141	24	16	0	7	105	23	0	1	15	3	0	9	233	4	0	581
08:15	126	21	9	0	6	98	25	0	2	15	2	0	17	175	5	1	502
08:30	93	13	15	0	4	61	24	0	0	9	3	0	12	184	2	0	420
08:45	69	14	18	0	3	68	21	0	2	10	4	0	9	155	2	0	375
Total	429	72	58	0	20	332	93	0	5	49	12	0	47	747	13	1	1878
09:00	70	9	16	0	4	57	30	0	0	4	6	0	12	131	2	0	341
09:15	41	7	15	0	1	73	16	0	1	6	6	0	10	121	3	0	300
*** BREAK ***																	
Total	111	16	31	0	5	130	46	0	1	10	12	0	22	252	5	0	641
*** BREAK ***																	
10:30	29	4	4	0	4	95	20	0	1	8	6	0	8	90	1	0	270
10:45	22	1	11	0	6	86	14	0	3	6	11	0	6	90	4	0	260
Total	51	5	15	0	10	181	34	0	4	14	17	0	14	180	5	0	530
11:00	30	6	7	0	5	75	32	0	1	6	5	0	14	94	1	0	276
11:15	50	8	12	0	8	58	24	0	1	6	4	0	5	100	1	0	277
11:30	29	8	12	0	4	86	27	0	2	6	7	0	18	112	1	0	312
11:45	41	9	20	0	3	92	27	0	5	14	6	0	12	104	3	0	336
Total	150	31	51	0	20	311	110	0	9	32	22	0	49	410	6	0	1201
12:00	39	7	16	0	4	107	28	0	2	7	8	0	26	100	1	0	345
12:15	42	7	13	0	5	117	39	0	1	8	6	0	15	101	2	0	356
12:30	38	10	17	0	9	118	40	0	3	9	12	0	14	85	1	0	356
12:45	31	7	21	0	11	116	24	0	0	15	7	0	6	102	2	0	342
Total	150	31	67	0	29	458	131	0	6	39	33	0	61	388	6	0	1399
13:00	31	9	13	0	5	105	39	0	0	6	11	0	7	84	3	0	313
13:15	39	6	10	0	8	93	32	0	1	10	3	0	10	91	2	0	305
*** BREAK ***																	
Total	70	15	23	0	13	198	71	0	1	16	14	0	17	175	5	0	618
*** BREAK ***																	
14:30	34	10	22	0	9	151	54	0	2	7	6	0	14	82	2	0	393
14:45	31	12	16	0	7	154	43	0	0	7	2	0	10	75	5	0	362
Total	65	22	38	0	16	305	97	0	2	14	8	0	24	157	7	0	755
15:00	40	15	14	0	2	152	49	0	3	10	8	0	20	119	0	0	432
15:15	26	6	10	0	5	172	62	0	4	13	7	0	17	116	4	0	442
15:30	19	11	15	0	4	230	90	0	4	20	4	0	21	105	1	0	524
15:45	20	6	14	0	6	203	86	0	2	20	4	0	9	102	4	0	476
Total	105	38	53	0	17	757	287	0	13	63	23	0	67	442	9	0	1874

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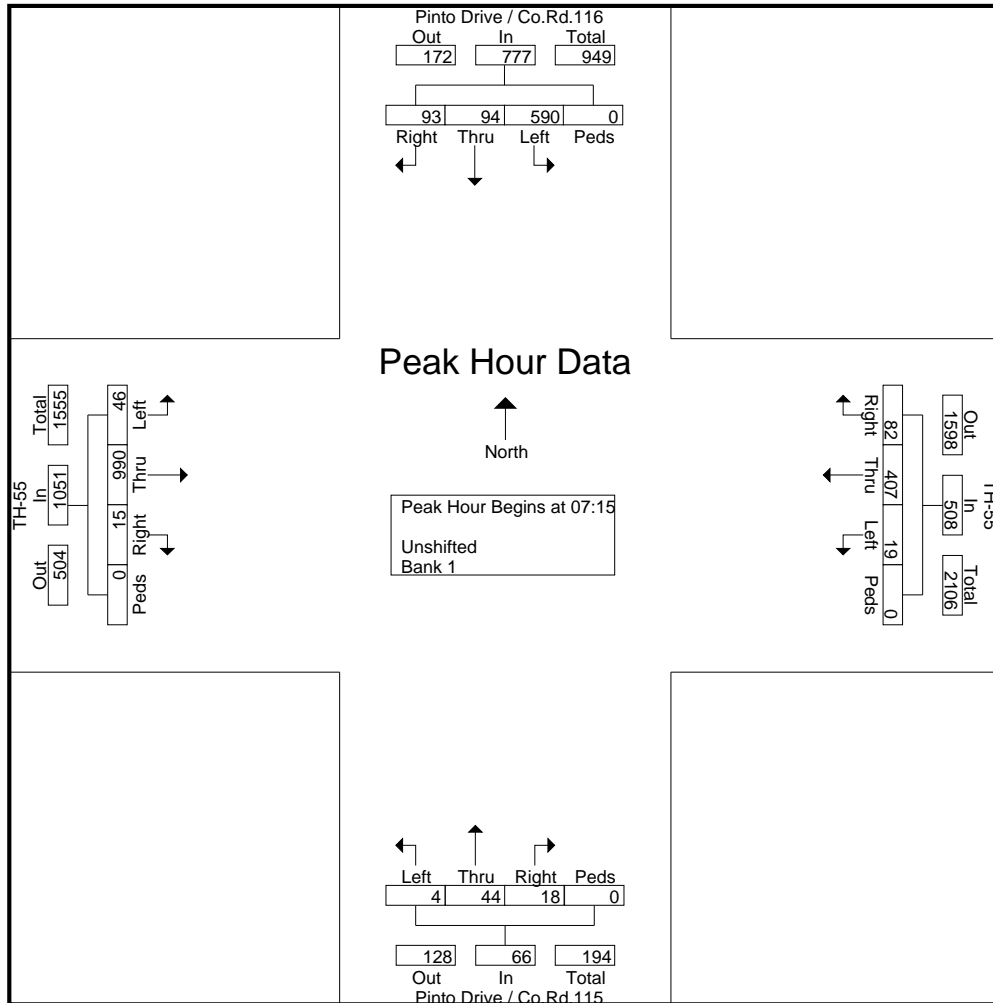
Start Time	Pinto Drive / Co.Rd.116 Southbound				TH-55 Westbound				Pinto Drive / Co.Rd.115 Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	29	6	28	0	4	242	102	0	3	17	4	0	19	104	2	0	560
16:15	32	9	10	0	4	210	92	0	5	16	4	0	13	90	1	0	486
16:30	32	18	9	0	7	331	167	0	4	16	10	0	24	156	3	0	777
16:45	30	14	19	0	8	247	136	0	4	21	9	0	21	124	1	0	634
Total	123	47	66	0	23	1030	497	0	16	70	27	0	77	474	7	0	2457
17:00	48	9	15	0	3	228	125	0	1	18	9	0	23	141	1	0	621
17:15	31	15	18	0	4	271	150	0	3	10	8	0	21	141	3	0	675
17:30	28	5	16	0	2	188	113	0	0	17	8	0	11	91	1	0	480
17:45	27	6	10	0	3	187	106	0	3	10	3	0	5	86	1	0	447
Total	134	35	59	0	12	874	494	0	7	55	28	0	60	459	6	0	2223
Grand Total	2323	421	615	0	185	5201	1984	0	72	409	226	0	525	5579	92	1	17633
Apprch %	69.2	12.5	18.3	0	2.5	70.6	26.9	0	10.2	57.9	32	0	8.5	90	1.5	0	
Total %	13.2	2.4	3.5	0	1	29.5	11.3	0	0.4	2.3	1.3	0	3	31.6	0.5	0	
Unshifted	2211	409	587	0	177	5096	1905	0	69	398	216	0	501	5493	87	1	17150
% Unshifted	95.2	97.1	95.4	0	95.7	98	96	0	95.8	97.3	95.6	0	95.4	98.5	94.6	100	97.3
Bank 1	112	12	28	0	8	105	79	0	3	11	10	0	24	86	5	0	483
% Bank 1	4.8	2.9	4.6	0	4.3	2	4	0	4.2	2.7	4.4	0	4.6	1.5	5.4	0	2.7

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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	141	16	17	0	174	5	84	22	0	111	0	9	5	0	14	14	247	6	0	267	566
07:30	170	27	16	0	213	2	96	18	0	116	0	9	5	0	14	12	265	2	0	279	622
07:45	138	27	44	0	209	5	122	19	0	146	3	11	5	0	19	11	245	3	0	259	633
08:00	141	24	16	0	181	7	105	23	0	135	1	15	3	0	19	9	233	4	0	246	581
Total Volume	590	94	93	0	777	19	407	82	0	508	4	44	18	0	66	46	990	15	0	1051	2402
% App. Total	75.9	12.1	12	0		3.7	80.1	16.1	0		6.1	66.7	27.3	0		4.4	94.2	1.4	0		
PHF	.868	.870	.528	.000	.912	.679	.834	.891	.000	.870	.333	.733	.900	.000	.868	.821	.934	.625	.000	.942	.949



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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 16:30																					
16:30	32	18	9	0	59	7	331	167	0	505	4	16	10	0	30	24	156	3	0	183	777
16:45	30	14	19	0	63	8	247	136	0	391	4	21	9	0	34	21	124	1	0	146	634
17:00	48	9	15	0	72	3	228	125	0	356	1	18	9	0	28	23	141	1	0	165	621
17:15	31	15	18	0	64	4	271	150	0	425	3	10	8	0	21	21	141	3	0	165	675
Total Volume	141	56	61	0	258	22	1077	578	0	1677	12	65	36	0	113	89	562	8	0	659	2707
% App. Total	54.7	21.7	23.6	0		1.3	64.2	34.5	0		10.6	57.5	31.9	0		13.5	85.3	1.2	0		
PHF	.734	.778	.803	.000	.896	.688	.813	.865	.000	.830	.750	.774	.900	.000	.831	.927	.901	.667	.000	.900	.871

