

Alliant Engineering Inc Minneapolis, MN 55415

TH-55 at Rockford Rd./ CSAH-24 / CSAH-9
 Ref.Pt.: 178.569
 Alliant Engineering Inc
 TURN MOVEMENT COUNT

File Name : 35_TH 55 at CR 24_020811
 Site Code : 00000035
 Start Date : 2/8/2011
 Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Co.Rd. 9 / Rockford Rd. Southbound				TH-55 Westbound				Co.Rd. 24 / Rockford Rd. Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	10	27	9	0	12	44	1	0	1	14	19	0	7	222	9	0	375
06:15	9	21	17	0	14	85	0	0	4	8	26	0	3	346	9	0	542
06:30	19	35	15	0	18	116	0	0	5	37	57	0	13	468	10	0	793
06:45	30	40	12	0	29	191	3	0	28	44	66	0	13	532	18	0	1006
Total	68	123	53	0	73	436	4	0	38	103	168	0	36	1568	46	0	2716
07:00	46	29	18	0	58	218	1	0	84	55	89	0	9	609	19	0	1235
07:15	48	60	17	0	29	105	5	0	10	61	64	0	14	543	23	0	979
07:30	34	59	19	0	54	114	5	0	6	89	106	0	20	580	17	0	1103
07:45	45	109	6	0	70	115	4	0	2	104	77	0	22	594	20	0	1168
Total	173	257	60	0	211	552	15	0	102	309	336	0	65	2326	79	0	4485
08:00	46	81	10	0	61	95	4	0	12	59	72	0	27	600	14	0	1081
08:15	24	97	11	0	64	91	4	1	10	81	89	0	12	423	7	0	914
08:30	23	56	17	0	49	69	8	0	9	57	77	0	23	376	20	0	784
08:45	16	55	11	0	46	105	6	0	8	52	54	0	12	305	23	0	693
Total	109	289	49	0	220	360	22	1	39	249	292	0	74	1704	64	0	3472
09:00	30	71	8	0	52	113	9	0	9	53	57	0	17	204	11	0	634
09:15	13	41	12	0	35	104	4	0	10	44	68	0	8	193	16	0	548
*** BREAK ***																	
Total	43	112	20	0	87	217	13	0	19	97	125	0	25	397	27	0	1182
*** BREAK ***																	
10:30	8	35	12	1	29	101	4	0	14	34	57	0	42	109	4	0	450
10:45	14	32	6	0	60	109	7	1	11	39	75	0	52	102	2	0	510
Total	22	67	18	1	89	210	11	1	25	73	132	0	94	211	6	0	960
11:00	11	32	8	0	44	110	5	0	12	28	70	0	75	130	7	0	532
11:15	9	33	14	0	51	96	6	0	12	57	72	0	88	136	6	0	580
11:30	13	32	7	0	64	130	8	0	14	41	71	0	90	142	10	0	622
11:45	10	44	14	0	85	140	6	0	18	38	66	0	81	141	5	0	648
Total	43	141	43	0	244	476	25	0	56	164	279	0	334	549	28	0	2382
12:00	6	40	13	0	84	140	10	0	23	38	68	0	79	147	10	0	658
12:15	3	40	27	0	79	141	6	0	22	42	71	0	96	139	8	0	674
12:30	6	43	27	0	75	144	12	0	21	36	75	0	68	170	4	0	681
12:45	12	55	20	0	91	150	10	0	12	47	46	0	67	146	6	0	662
Total	27	178	87	0	329	575	38	0	78	163	260	0	310	602	28	0	2675
13:00	7	43	16	0	62	168	4	0	0	0	0	0	0	0	0	0	300
13:15	10	37	19	0	66	143	6	0	0	0	0	0	0	0	0	0	281
*** BREAK ***																	
Total	17	80	35	0	128	311	10	0	0	0	0	0	0	0	0	0	581
*** BREAK ***																	
14:30	7	48	12	0	55	221	9	0	14	47	41	0	17	213	24	0	708
14:45	13	50	12	0	71	201	13	0	11	56	62	0	10	157	22	0	678
Total	20	98	24	0	126	422	22	0	25	103	103	0	27	370	46	0	1386
15:00	15	60	25	0	58	257	10	0	11	65	65	0	11	165	12	0	754
15:15	10	67	8	0	48	280	17	0	13	66	60	0	12	201	18	0	800
15:30	8	65	19	0	67	377	19	0	22	60	43	0	19	194	13	0	906
15:45	9	72	18	0	50	356	12	0	14	67	56	0	18	196	23	0	891
Total	42	264	70	0	223	1270	58	0	60	258	224	0	60	756	66	0	3351

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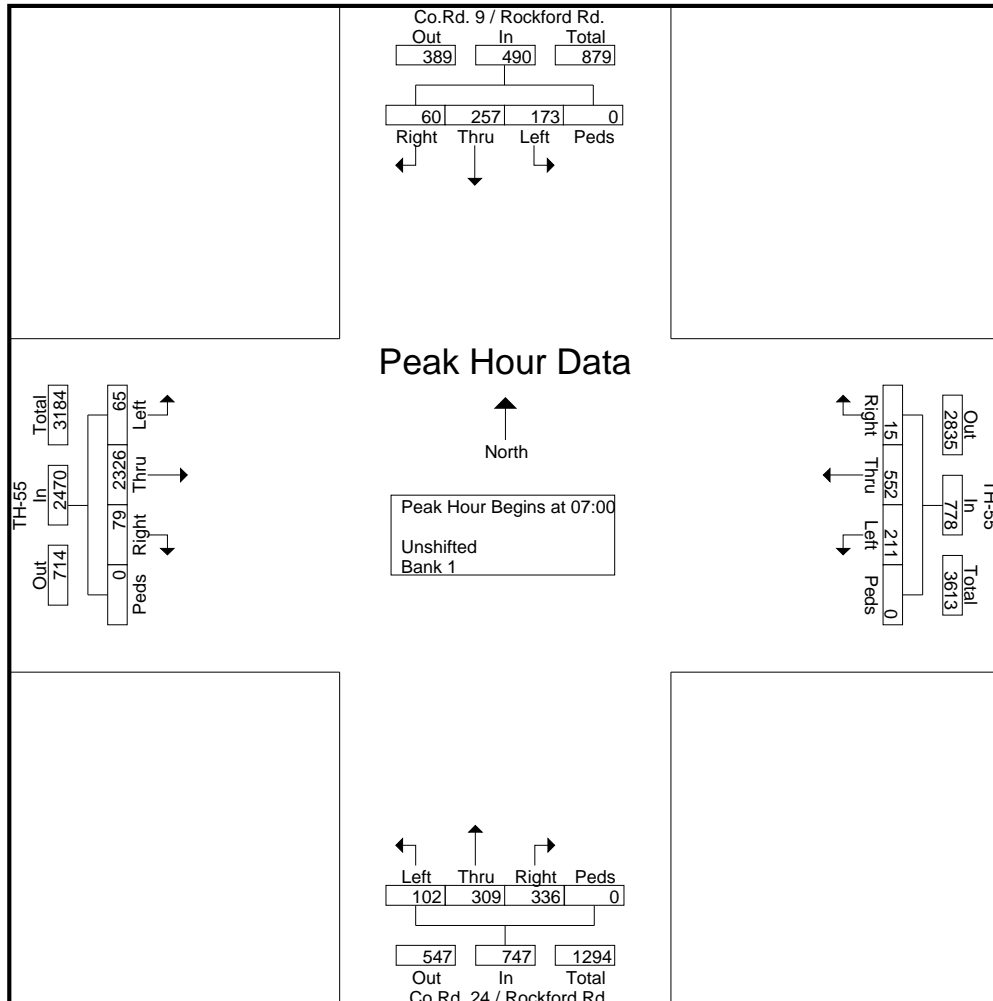
Start Time	Co.Rd. 9 / Rockford Rd. Southbound				TH-55 Westbound				Co.Rd. 24 / Rockford Rd. Northbound				TH-55 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	15	49	19	1	90	419	19	0	22	93	68	0	15	221	8	0	1039
16:15	23	102	23	0	56	416	19	0	21	72	70	0	23	213	22	0	1060
16:30	15	63	18	0	81	405	20	0	28	103	75	0	25	191	17	0	1041
16:45	10	92	14	0	87	394	24	0	31	100	76	0	24	210	20	0	1082
Total	63	306	74	1	314	1634	82	0	102	368	289	0	87	835	67	0	4222
17:00	9	108	24	0	97	409	20	0	30	110	96	0	25	239	20	0	1187
17:15	11	94	19	0	79	359	19	0	30	89	64	0	20	177	14	0	975
17:30	18	76	10	0	99	300	30	0	29	77	79	0	9	144	18	0	889
17:45	20	79	19	0	66	272	20	0	33	81	43	0	23	154	17	0	827
Total	58	357	72	0	341	1340	89	0	122	357	282	0	77	714	69	0	3878
Grand Total	685	2272	605	2	2385	7803	389	2	666	2244	2490	0	1189	10032	526	0	31290
Apprch %	19.2	63.7	17	0.1	22.5	73.8	3.7	0	12.3	41.6	46.1	0	10.1	85.4	4.5	0	
Total %	2.2	7.3	1.9	0	7.6	24.9	1.2	0	2.1	7.2	8	0	3.8	32.1	1.7	0	
Unshifted	661	2223	585	2	2312	7618	381	2	655	2196	2421	0	1162	9848	516	0	30582
% Unshifted	96.5	97.8	96.7	100	96.9	97.6	97.9	100	98.3	97.9	97.2	0	97.7	98.2	98.1	0	97.7
Bank 1	24	49	20	0	73	185	8	0	11	48	69	0	27	184	10	0	708
% Bank 1	3.5	2.2	3.3	0	3.1	2.4	2.1	0	1.7	2.1	2.8	0	2.3	1.8	1.9	0	2.3

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Start Time	Co.Rd. 9 / Rockford Rd. Southbound					TH-55 Westbound					Co.Rd. 24 / Rockford Rd. 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 07:00																					
07:00	46	29	18	0	93	58	218	1	0	277	84	55	89	0	228	9	609	19	0	637	1235
07:15	48	60	17	0	125	29	105	5	0	139	10	61	64	0	135	14	543	23	0	580	979
07:30	34	59	19	0	112	54	114	5	0	173	6	89	106	0	201	20	580	17	0	617	1103
07:45	45	109	6	0	160	70	115	4	0	189	2	104	77	0	183	22	594	20	0	636	1168
Total Volume	173	257	60	0	490	211	552	15	0	778	102	309	336	0	747	65	2326	79	0	2470	4485
% App. Total	35.3	52.4	12.2	0		27.1	71	1.9	0		13.7	41.4	45	0		2.6	94.2	3.2	0		
PHF	.901	.589	.789	.000	.766	.754	.633	.750	.000	.702	.304	.743	.792	.000	.819	.739	.955	.859	.000	.969	.908



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Start Time	Co.Rd. 9 / Rockford Rd. Southbound					TH-55 Westbound					Co.Rd. 24 / Rockford Rd. 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 16:15																					
16:15	23	102	23	0	148	56	416	19	0	491	21	72	70	0	163	23	213	22	0	258	1060
16:30	15	63	18	0	96	81	405	20	0	506	28	103	75	0	206	25	191	17	0	233	1041
16:45	10	92	14	0	116	87	394	24	0	505	31	100	76	0	207	24	210	20	0	254	1082
17:00	9	108	24	0	141	97	409	20	0	526	30	110	96	0	236	25	239	20	0	284	1187
Total Volume	57	365	79	0	501	321	1624	83	0	2028	110	385	317	0	812	97	853	79	0	1029	4370
% App. Total	11.4	72.9	15.8	0		15.8	80.1	4.1	0		13.5	47.4	39	0		9.4	82.9	7.7	0		
PHF	.620	.845	.823	.000	.846	.827	.976	.865	.000	.964	.887	.875	.826	.000	.860	.970	.892	.898	.000	.906	.920

