

Alliant Engineering Inc Minneapolis, MN 55415

Rockford Rd / CSAH-24 at Medina Rd

Ref.Pt.:

Alliant Engineering Inc

TURN MOVEMENT COUNT

File Name : 36_CR 24 at Medina Rd_012611

Site Code : 00000036

Start Date : 1/26/2011

Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Rockford Rd / CSAH-24 Southbound				Medina Rd Westbound				Rockford Rd / CSAH-24 Northbound				Medina Rd Eastbound				Int. Total
	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	
06:00	0	7	9	0	0	1	5	0	0	28	1	0	7	0	1	0	59
06:15	2	8	10	0	1	4	4	0	1	33	1	0	11	2	0	0	77
06:30	2	18	9	0	0	2	7	0	1	59	1	1	25	7	2	0	134
06:45	7	17	14	0	0	9	30	0	5	55	1	0	40	6	0	0	184
Total	11	50	42	0	1	16	46	0	7	175	4	1	83	15	3	0	454
07:00	8	33	16	0	1	9	38	0	3	91	0	0	40	13	1	0	253
07:15	8	39	19	0	2	11	18	0	2	77	2	0	67	20	3	0	268
07:30	7	31	20	1	3	11	18	0	3	103	8	0	68	22	2	0	297
07:45	7	35	31	1	2	17	17	0	5	102	3	0	70	25	1	0	316
Total	30	138	86	2	8	48	91	0	13	373	13	0	245	80	7	0	1134
08:00	9	38	17	0	0	17	13	0	4	78	4	0	34	21	1	0	236
08:15	7	46	13	0	2	10	10	0	0	92	9	0	43	5	0	0	237
08:30	8	33	17	0	3	8	10	0	0	54	3	0	23	8	1	0	168
08:45	7	35	7	0	2	12	7	0	1	68	1	0	20	5	0	0	165
Total	31	152	54	0	7	47	40	0	5	292	17	0	120	39	2	0	806
09:00	5	41	16	0	1	9	13	0	0	50	0	0	20	3	0	0	158
09:15	9	28	18	0	2	7	8	0	3	58	0	0	24	5	2	0	164
*** BREAK ***																	
Total	14	69	34	0	3	16	21	0	3	108	0	0	44	8	2	0	322
*** BREAK ***																	
10:30	2	28	12	0	2	3	4	0	1	40	0	0	21	3	0	0	116
10:45	10	39	12	0	0	5	4	0	3	33	2	1	20	4	1	0	134
Total	12	67	24	0	2	8	8	0	4	73	2	1	41	7	1	0	250
11:00	7	42	21	0	2	2	11	0	0	48	0	0	28	8	0	0	169
11:15	8	49	21	0	0	9	5	0	3	49	0	0	38	7	0	0	189
11:30	6	41	26	1	1	6	11	0	0	40	1	0	53	10	1	0	197
11:45	4	31	23	0	1	10	4	0	1	37	0	0	64	3	1	0	179
Total	25	163	91	1	4	27	31	0	4	174	1	0	183	28	2	0	734
12:00	11	42	23	0	0	4	3	0	2	32	1	0	75	9	1	0	203
12:15	10	36	33	0	0	9	6	0	1	38	2	0	53	10	3	0	201
12:30	7	38	33	0	0	10	5	0	1	51	1	0	52	6	0	0	204
12:45	9	64	35	0	0	7	6	0	1	36	0	1	26	4	0	0	189
Total	37	180	124	0	0	30	20	0	5	157	4	1	206	29	4	0	797
*** BREAK ***																	
14:30	25	58	23	0	6	6	8	0	1	36	2	0	52	7	1	0	225
14:45	14	70	17	0	6	7	9	0	1	41	2	0	47	8	2	0	224
Total	39	128	40	0	12	13	17	0	2	77	4	0	99	15	3	0	449
15:00	15	64	16	0	3	8	3	0	0	72	2	0	40	3	2	1	229
15:15	16	60	26	0	4	9	10	0	0	44	2	0	42	7	2	0	222
15:30	13	67	28	0	3	10	12	0	1	65	1	1	55	9	3	0	268
15:45	13	67	30	0	4	9	13	0	2	55	2	0	37	6	2	0	240
Total	57	258	100	0	14	36	38	0	3	236	7	1	174	25	9	1	959
16:00	17	59	17	0	10	7	11	0	2	72	3	1	85	10	3	0	297
16:15	16	78	19	0	2	15	9	0	1	79	4	0	50	8	1	0	282
16:30	19	71	23	0	2	9	18	0	1	62	5	0	105	17	3	0	335
16:45	14	100	28	0	5	20	19	1	0	80	2	1	63	11	4	0	348
Total	66	308	87	0	19	51	57	1	4	293	14	2	303	46	11	0	1262

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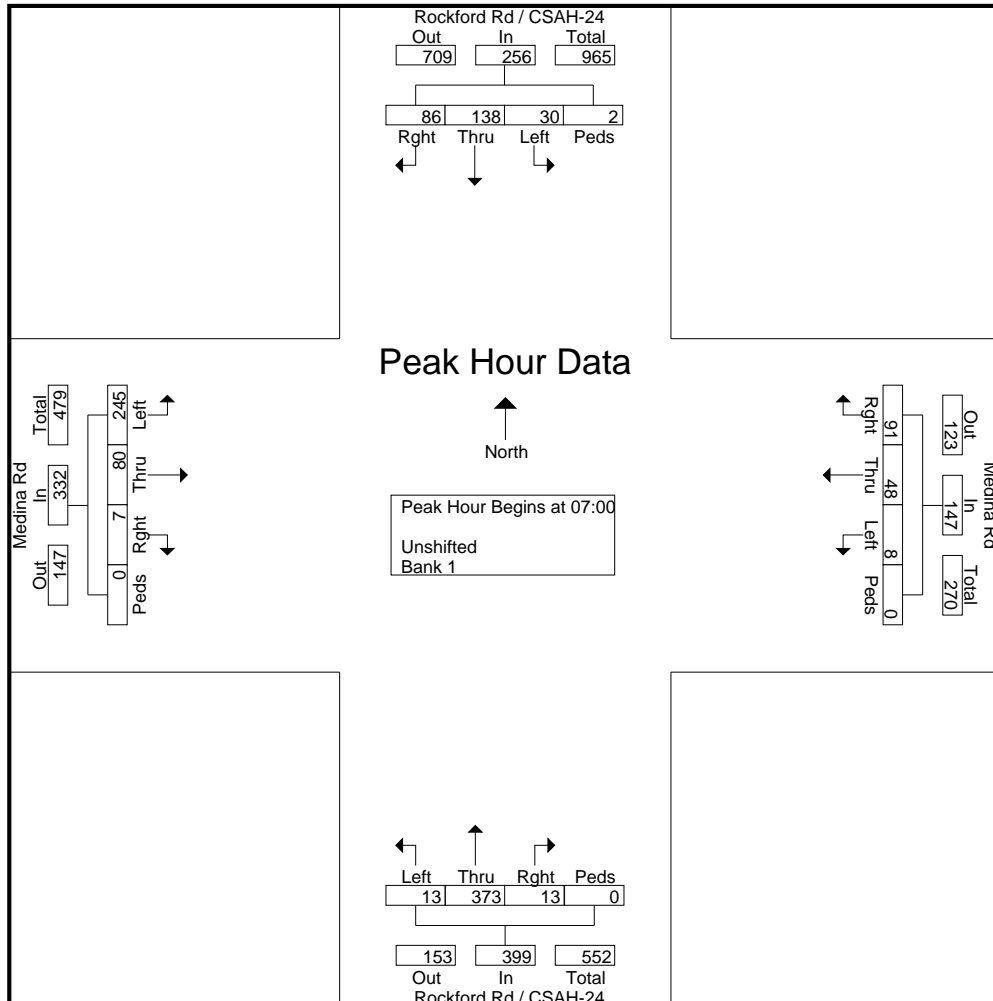
Start Time	Rockford Rd / CSAH-24 Southbound				Medina Rd Westbound				Rockford Rd / CSAH-24 Northbound				Medina Rd Eastbound				Int. Total
	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	Left	Thru	Rght	Peds	
17:00	16	95	31	0	5	16	22	0	4	74	1	0	96	18	6	0	384
17:15	18	96	32	0	8	25	24	0	4	50	4	0	85	13	4	0	363
17:30	20	139	30	0	3	9	22	0	4	82	4	0	64	10	1	0	388
17:45	18	118	29	0	6	14	15	0	3	94	3	0	44	9	1	0	354
Total	72	448	122	0	22	64	83	0	15	300	12	0	289	50	12	0	1489
Grand Total	394	1961	804	3	92	356	452	1	65	2258	78	6	1787	342	56	1	8656
Apprch %	12.5	62	25.4	0.1	10.2	39.5	50.2	0.1	2.7	93.8	3.2	0.2	81.7	15.6	2.6	0	
Total %	4.6	22.7	9.3	0	1.1	4.1	5.2	0	0.8	26.1	0.9	0.1	20.6	4	0.6	0	
Unshifted	377	1916	781	3	88	350	436	1	58	2202	67	5	1731	331	42	1	8389
% Unshifted	95.7	97.7	97.1	100	95.7	98.3	96.5	100	89.2	97.5	85.9	83.3	96.9	96.8	75	100	96.9
Bank 1	17	45	23	0	4	6	16	0	7	56	11	1	56	11	14	0	267
% Bank 1	4.3	2.3	2.9	0	4.3	1.7	3.5	0	10.8	2.5	14.1	16.7	3.1	3.2	25	0	3.1

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Start Time	Rockford Rd / CSAH-24 Southbound					Medina Rd Westbound					Rockford Rd / CSAH-24 Northbound					Medina Rd 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	8	33	16	0	57	1	9	38	0	48	3	91	0	0	94	40	13	1	0	54	253
07:15	8	39	19	0	66	2	11	18	0	31	2	77	2	0	81	67	20	3	0	90	268
07:30	7	31	20	1	59	3	11	18	0	32	3	103	8	0	114	68	22	2	0	92	297
07:45	7	35	31	1	74	2	17	17	0	36	5	102	3	0	110	70	25	1	0	96	316
Total Volume	30	138	86	2	256	8	48	91	0	147	13	373	13	0	399	245	80	7	0	332	1134
% App. Total	11.7	53.9	33.6	0.8		5.4	32.7	61.9	0		3.3	93.5	3.3	0		73.8	24.1	2.1	0		
PHF	.938	.885	.694	.500	.865	.667	.706	.599	.000	.766	.650	.905	.406	.000	.875	.875	.800	.583	.000	.865	.897



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	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	Left	Thru	Rght	Peds	App. Total	
Peak Hour Analysis From 14:30 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:00																					
17:00	16	95	31	0	142	5	16	22	0	43	4	74	1	0	79	96	18	6	0	120	384
17:15	18	96	32	0	146	8	25	24	0	57	4	50	4	0	58	85	13	4	0	102	363
17:30	20	139	30	0	189	3	9	22	0	34	4	82	4	0	90	64	10	1	0	75	388
17:45	18	118	29	0	165	6	14	15	0	35	3	94	3	0	100	44	9	1	0	54	354
Total Volume	72	448	122	0	642	22	64	83	0	169	15	300	12	0	327	289	50	12	0	351	1489
% App. Total	11.2	69.8	19	0		13	37.9	49.1	0		4.6	91.7	3.7	0		82.3	14.2	3.4	0		
PHF	.900	.806	.953	.000	.849	.688	.640	.865	.000	.741	.938	.798	.750	.000	.818	.753	.694	.500	.000	.731	.959

