

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

CSAH-14 at 21st Ave, CENTERVILLE

Ref.Pt.:

data by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 602 - CSAH 14 & 21st Avenue

Site Code : 602

Start Date : 2/4/2014

Page No : 1

Groups Printed- Cars

Start Time	21st Avenue Southbound					CSAH 14 Westbound					21st Avenue Northbound					CSAH 14 Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
06:00	0	0	0	1	0	1	0	40	0	0	0	0	0	0	0	0	1	83	1	0	127
06:15	0	0	0	0	0	1	0	61	0	0	0	0	1	0	0	0	0	99	0	0	162
06:30	0	0	0	0	0	1	0	64	0	0	0	0	0	0	0	0	0	121	0	0	186
06:45	0	0	0	0	0	0	0	83	0	0	0	0	0	0	0	0	0	106	0	0	189
Total	0	0	0	1	0	3	0	248	0	0	0	0	1	0	0	0	1	409	1	0	664
07:00	0	0	0	0	0	0	1	100	1	0	0	0	0	1	0	0	0	117	2	0	222
07:15	0	0	0	0	0	0	1	80	0	0	0	0	0	1	0	0	1	125	1	0	209
07:30	0	0	0	1	0	0	3	111	0	0	0	1	0	1	0	1	1	137	0	0	256
07:45	0	3	0	1	0	0	2	97	4	0	0	0	0	1	0	0	0	154	1	0	263
Total	0	3	0	2	0	0	7	388	5	0	0	1	0	4	0	1	2	533	4	0	950
08:00	0	0	0	0	0	1	2	73	0	0	0	0	0	1	0	0	0	104	2	0	183
08:15	0	1	0	0	0	1	1	65	2	0	0	0	0	0	0	0	0	106	0	0	176
08:30	0	1	0	0	0	0	0	58	1	0	0	0	0	0	0	0	2	92	2	0	156
08:45	0	0	0	1	0	0	1	77	0	0	0	0	0	1	0	0	1	89	0	0	170
Total	0	2	0	1	0	2	4	273	3	0	0	0	0	2	0	0	3	391	4	0	685
09:00	0	0	0	3	0	0	0	78	2	0	0	0	0	1	0	1	0	67	0	0	152
09:15	0	0	0	0	0	1	3	61	0	0	0	0	0	0	0	0	1	76	1	0	143
*****BREAK*****																					
Total	0	0	0	3	0	1	3	139	2	0	0	0	0	1	0	1	1	143	1	0	295
*****BREAK*****																					
10:30	0	1	0	0	0	0	2	46	0	0	0	0	0	1	0	0	0	72	1	0	123
10:45	0	1	0	3	0	1	2	63	4	0	0	0	0	2	0	0	3	55	1	0	135
Total	0	2	0	3	0	1	4	109	4	0	0	0	0	3	0	0	3	127	2	0	258
11:00	0	1	2	1	0	0	2	46	0	0	0	1	0	2	0	0	2	75	1	0	133
11:15	0	0	0	1	0	2	2	65	1	0	0	1	0	2	0	0	0	76	0	0	150
11:30	0	2	1	1	0	1	7	55	1	0	0	0	0	5	0	0	3	55	3	0	134
11:45	0	1	0	1	0	1	4	51	1	0	0	1	0	12	0	0	2	55	4	0	133
Total	0	4	3	4	0	4	15	217	3	0	0	3	0	21	0	0	7	261	8	0	550
12:00	0	1	1	2	0	0	4	49	1	0	0	1	0	5	0	0	1	67	3	0	135
12:15	0	2	0	0	0	2	2	52	0	0	0	2	0	4	0	1	1	46	1	0	113
12:30	0	0	0	0	0	1	6	47	0	0	0	0	0	5	0	0	0	61	0	0	120
12:45	0	2	0	1	0	0	6	48	3	0	0	3	0	4	0	0	1	62	3	0	133
Total	0	5	1	3	0	3	18	196	4	0	0	6	0	18	0	1	3	236	7	0	501
13:00	0	0	0	0	0	1	1	56	1	0	0	1	0	2	0	0	0	49	2	0	113
13:15	0	0	0	0	0	1	1	59	1	0	0	1	0	1	0	0	0	43	0	0	107
*****BREAK*****																					
Total	0	0	0	0	0	2	2	115	2	0	0	2	0	3	0	0	0	92	2	0	220
*****BREAK*****																					
14:30	0	0	0	0	0	0	3	62	0	0	0	1	0	1	0	0	0	77	0	0	144
14:45	0	0	0	0	0	0	3	84	0	0	0	1	0	4	0	0	0	92	3	0	187
Total	0	0	0	0	0	0	6	146	0	0	0	2	0	5	0	0	0	169	3	0	331
15:00	0	1	0	1	0	1	4	75	0	0	0	0	0	2	0	0	2	72	1	0	159
15:15	0	1	0	1	0	2	1	121	1	0	0	1	0	2	0	0	1	84	3	0	218
15:30	0	3	0	1	0	2	5	107	2	0	0	2	0	8	0	0	2	107	4	0	243
15:45	0	3	0	0	0	2	4	123	1	0	0	4	0	1	0	0	2	113	3	0	256
Total	0	8	0	3	0	7	14	426	4	0	0	7	0	13	0	0	7	376	11	0	876
16:00	0	1	0	1	0	1	4	146	3	0	0	2	0	5	0	0	1	111	4	0	279
16:15	0	0	0	2	0	2	4	132	0	0	0	0	0	1	0	0	1	157	3	0	302
16:30	0	0	0	3	0	0	2	147	1	0	0	5	0	12	0	0	1	140	2	0	313
16:45	0	3	0	1	0	0	5	140	2	0	0	3	0	7	0	0	0	153	2	0	316
Total	0	4	0	7	0	3	15	565	6	0	0	10	0	25	0	0	3	561	11	0	1210

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Minneapolis, MN 55415

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CSAH-14 at 21st Ave, CENTERVILLE

Ref.Pt.: File Name : 602 - CSAH 14 & 21st Avenue
 data by Alliant Engineering Site Code : 602
 TURN MOVEMENT COUNT Start Date : 2/4/2014
 Page No : 2

Groups Printed- Cars

Start Time	21st Avenue Southbound					CSAH 14 Westbound					21st Avenue Northbound					CSAH 14 Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
17:00	0	0	0	3	0	1	2	172	1	0	0	0	0	0	0	0	2	125	0	0	306
17:15	0	1	0	3	0	0	4	160	2	0	0	2	0	1	0	0	3	139	1	0	316
17:30	0	0	0	4	0	1	3	140	1	0	0	2	0	2	0	0	1	152	1	0	307
17:45	0	0	0	1	0	1	3	124	1	0	0	2	0	6	0	0	1	131	2	0	272
Total	0	1	0	11	0	3	12	596	5	0	0	6	0	9	0	0	7	547	4	0	1201
Grand Total	0	29	4	38	0	29	100	3418	38	0	0	37	1	104	0	3	37	3845	58	0	7741
Apprch %	0	40.8	5.6	53.5	0	0.8	2.8	95.3	1.1	0	0	26.1	0.7	73.2	0	0.1	0.9	97.5	1.5	0	
Total %	0	0.4	0.1	0.5	0	0.4	1.3	44.2	0.5	0	0	0.5	0	1.3	0	0	0.5	49.7	0.7	0	

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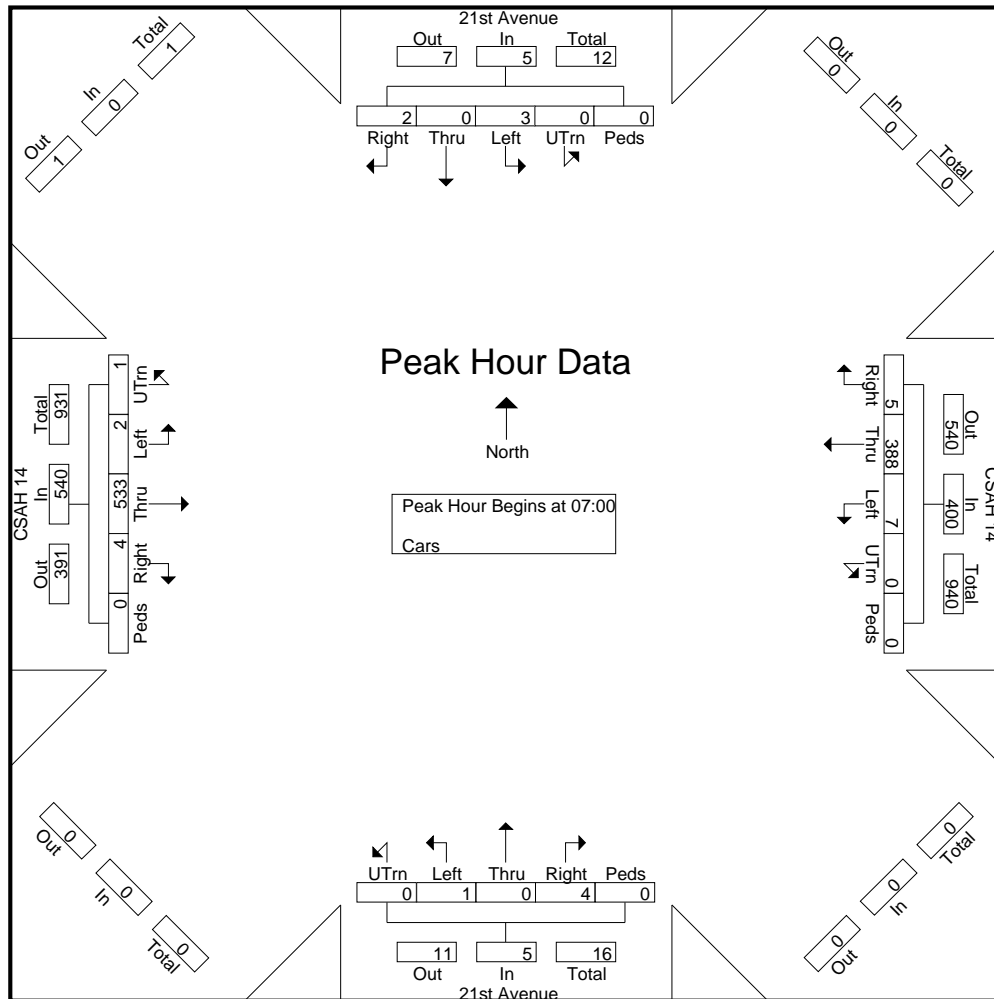
Site Code : 602

Start Date : 2/4/2014

Page No : 3

Start Time	21st Avenue Southbound						CSAH 14 Westbound						21st Avenue Northbound						CSAH 14 Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
07:00	0	0	0	0	0	0	0	1	10	1	0	102	0	0	0	1	0	1	0	0	11	2	0	119	222
07:15	0	0	0	0	0	0	0	1	80	0	0	81	0	0	0	1	0	1	0	1	12	5	1	127	209
07:30	0	0	0	1	0	1	0	3	111	0	0	114	0	1	0	1	0	2	1	1	137	0	0	139	256
07:45	0	3	0	1	0	4	0	2	97	4	0	103	0	0	0	1	0	1	0	0	154	1	0	155	263
Total Volume	0	3	0	2	0	5	0	7	388	5	0	400	0	1	0	4	0	5	1	2	533	4	0	540	950
% App. Total	0	60	0	40	0		0	1.8	97	1.2	0		0	20	0	80	0		0.2	0.4	98.7	0.7	0		
PHF	.000	.250	.000	.500	.000	.313	.000	.583	.874	.313	.000	.877	.000	.250	.000	1.0	.000	.625	.250	.500	.865	.500	.000	.871	.903

Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 07:00



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Site Code : 602

Start Date : 2/4/2014

Page No : 4

Start Time	21st Avenue Southbound						CSAH 14 Westbound						21st Avenue Northbound						CSAH 14 Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
16:30	0	0	0	3	0	3	0	2	14	1	0	150	0	5	0	12	0	17	0	1	14	2	0	143	313
16:45	0	3	0	1	0	4	0	5	140	2	0	147	0	3	0	7	0	10	0	0	153	2	0	155	316
17:00	0	0	0	3	0	3	1	2	172	1	0	176	0	0	0	0	0	0	0	2	125	0	0	127	306
17:15	0	1	0	3	0	4	0	4	160	2	0	166	0	2	0	1	0	3	0	3	139	1	0	143	316
Total Volume	0	4	0	10	0	14	1	13	619	6	0	639	0	10	0	20	0	30	0	6	557	5	0	568	1251
% App. Total	0	28.6	0	71.4	0		0.2	2	96.9	0.9	0		0	33.3	0	66.7	0		0	1.1	98.1	0.9	0		
PHF	.000	.333	.000	.833	.000	.875	.250	.650	.900	.750	.000	.908	.000	.500	.000	.417	.000	.441	.000	.500	.910	.625	.000	.916	.990

Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 16:30

