

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

CSAH-14 at 20th Ave. CENTERVILLE

Ref.Pt.:

data by Alliant Engineering

TURN MOVEMENT COUNT

File Name : 601 - CSAH 14 & 20th Avenue

Site Code : 601

Start Date : 2/4/2014

Page No : 1

Groups Printed- Cars

Start Time	20th Avenue Southbound					CSAH 14 Westbound					20th 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	10	9	4	0	0	10	26	4	0	0	2	2	10	0	0	2	59	4	0	142
06:15	0	13	13	6	0	0	18	37	7	0	0	0	1	11	0	0	0	72	3	0	181
06:30	3	29	19	2	0	0	28	35	2	0	0	1	1	16	0	0	3	81	4	0	224
06:45	0	22	17	11	0	0	34	46	6	0	0	1	1	9	0	0	5	69	4	0	225
Total	3	74	58	23	0	0	90	144	19	0	0	4	5	46	0	0	10	281	15	0	772
07:00	0	20	14	3	0	0	39	56	3	0	0	0	0	11	0	0	2	87	8	0	243
07:15	0	15	18	6	0	0	29	56	1	0	0	1	4	19	0	0	3	88	7	0	247
07:30	0	19	20	2	0	0	38	69	5	0	0	3	5	15	0	0	0	104	3	0	283
07:45	0	21	21	2	0	0	30	62	7	0	0	1	3	27	0	0	3	90	7	0	274
Total	0	75	73	13	0	0	136	243	16	0	0	5	12	72	0	0	8	369	25	0	1047
08:00	0	15	5	5	0	0	23	49	3	0	0	0	5	16	0	0	4	76	5	0	206
08:15	0	13	6	2	0	0	21	38	4	0	0	2	3	17	0	0	1	77	5	0	189
08:30	0	15	10	5	0	0	17	35	2	0	0	1	3	18	0	0	1	60	4	0	171
08:45	0	15	6	9	0	0	26	37	21	0	0	1	5	23	0	0	2	60	3	0	208
Total	0	58	27	21	0	0	87	159	30	0	0	4	16	74	0	0	8	273	17	0	774
09:00	0	4	8	5	0	0	28	51	5	0	0	1	5	13	0	0	6	47	2	0	175
09:15	0	8	1	0	0	0	21	39	9	0	0	4	6	11	0	0	6	61	8	0	174
*****BREAK*****																					
Total	0	12	9	5	0	0	49	90	14	0	0	5	11	24	0	0	12	108	10	0	349
*****BREAK*****																					
10:30	0	8	8	2	0	0	13	30	4	0	0	5	8	16	0	0	3	40	3	0	140
10:45	0	5	4	2	0	0	13	50	4	0	0	5	8	13	0	0	2	37	5	0	148
Total	0	13	12	4	0	0	26	80	8	0	0	10	16	29	0	0	5	77	8	0	288
11:00	0	5	4	3	0	0	13	31	3	0	0	4	4	19	0	0	3	53	9	0	151
11:15	0	20	2	2	0	0	18	40	5	0	0	1	2	18	0	0	1	42	3	0	154
11:30	0	9	5	1	0	0	26	30	6	0	0	1	3	24	0	0	7	25	7	0	144
11:45	0	8	2	3	0	0	17	33	3	0	0	2	6	13	0	0	4	40	1	0	132
Total	0	42	13	9	0	0	74	134	17	0	0	8	15	74	0	0	15	160	20	0	581
12:00	0	10	5	6	0	0	15	30	7	0	0	2	1	19	0	0	4	43	2	0	144
12:15	0	7	7	4	0	0	20	33	7	0	0	3	8	16	0	0	1	34	1	0	141
12:30	0	12	8	1	0	0	18	26	4	0	0	6	4	13	0	0	3	37	2	0	134
12:45	0	8	7	3	0	0	13	23	8	0	0	6	5	12	0	0	3	34	1	0	123
Total	0	37	27	14	0	0	66	112	26	0	0	17	18	60	0	0	11	148	6	0	542
13:00	0	7	10	2	0	0	17	41	3	0	0	7	5	15	0	0	9	27	1	0	144
13:15	0	4	4	3	0	0	12	42	4	0	0	5	8	10	0	0	6	28	3	0	129
*****BREAK*****																					
Total	0	11	14	5	0	0	29	83	7	0	0	12	13	25	0	0	15	55	4	0	273
*****BREAK*****																					
14:30	0	8	7	1	0	0	11	40	5	0	0	3	10	30	0	0	3	40	0	0	158
14:45	0	7	5	3	0	0	5	56	10	0	0	9	9	37	0	0	7	44	2	0	194
Total	0	15	12	4	0	0	16	96	15	0	0	12	19	67	0	0	10	84	2	0	352
15:00	0	7	1	5	0	0	11	67	7	0	0	9	12	24	0	0	3	45	2	0	193
15:15	0	8	3	2	0	0	24	77	17	0	0	5	14	26	0	0	6	55	3	0	240
15:30	0	11	8	4	0	0	18	79	17	0	0	10	17	38	0	0	7	64	4	0	277
15:45	0	9	16	6	0	0	23	91	15	0	0	6	10	33	0	0	14	74	6	0	303
Total	0	35	28	17	0	0	76	314	56	0	0	30	53	121	0	0	30	238	15	0	1013
16:00	0	8	5	5	0	0	31	110	16	0	0	18	23	44	0	0	5	62	5	0	332
16:15	0	12	8	6	0	0	18	83	13	0	0	11	17	52	0	0	6	89	5	1	321
16:30	0	10	4	3	0	0	21	106	14	0	0	15	26	45	0	0	5	80	4	0	333
16:45	0	15	8	5	0	0	33	86	23	0	0	4	25	54	0	0	9	82	4	0	348
Total	0	45	25	19	0	0	103	385	66	0	0	48	91	195	0	0	25	313	18	1	1334

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TURN MOVEMENT COUNT

File Name : 601 - CSAH 14 & 20th Avenue

Site Code : 601

Start Date : 2/4/2014

Page No : 2

Groups Printed- Cars

Start Time	20th Avenue Southbound					CSAH 14 Westbound					20th 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	13	4	4	0	0	37	107	23	0	0	15	19	34	0	0	9	84	3	0	352
17:15	0	15	6	1	0	0	35	119	18	0	0	14	26	46	0	0	4	87	2	0	373
17:30	0	13	5	6	0	0	26	98	18	0	0	5	15	41	0	0	8	65	1	0	301
17:45	0	9	6	2	0	0	27	87	14	0	0	9	22	40	0	0	6	73	2	0	297
Total	0	50	21	13	0	0	125	411	73	0	0	43	82	161	0	0	27	309	8	0	1323
Grand Total	3	467	319	147	0	0	877	2251	347	0	0	198	351	948	0	0	176	2415	148	1	8648
Apprch %	0.3	49.9	34.1	15.7	0	0	25.2	64.8	10	0	0	13.2	23.4	63.3	0	0	6.4	88.1	5.4	0	
Total %	0	5.4	3.7	1.7	0	0	10.1	26	4	0	0	2.3	4.1	11	0	0	2	27.9	1.7	0	

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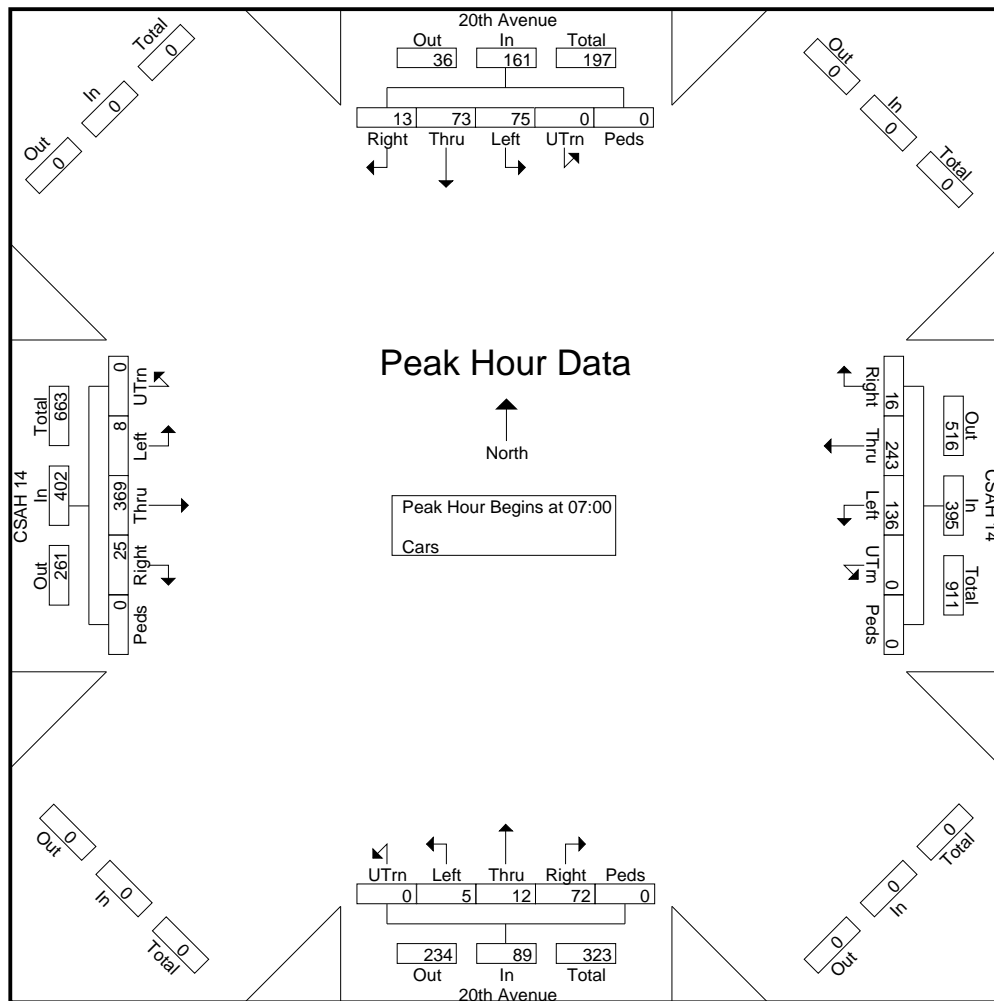
File Name : 601 - CSAH 14 & 20th Avenue

Site Code : 601

Start Date : 2/4/2014

Page No : 3

Start Time	20th Avenue Southbound						CSAH 14 Westbound						20th 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	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 07:00																									
07:00	0	20	14	3	0	37	0	39	56	3	0	98	0	0	0	11	0	11	0	2	87	8	0	97	243
07:15	0	15	18	6	0	39	0	29	56	1	0	86	0	1	4	19	0	24	0	3	88	7	0	98	247
07:30	0	19	20	2	0	41	0	38	69	5	0	112	0	3	5	15	0	23	0	0	104	3	0	107	283
07:45	0	21	21	2	0	44	0	30	62	7	0	99	0	1	3	27	0	31	0	3	90	7	0	100	274
Total Volume	0	75	73	13	0	161	0	136	243	16	0	395	0	5	12	72	0	89	0	8	369	25	0	402	1047
% App. Total	0	46.6	45.3	8.1	0		0	34.4	61.5	4.1	0		0	5.6	13.5	80.9	0		0	2	91.8	6.2	0		
PHF	.000	.893	.869	.542	.000	.915	.000	.872	.880	.571	.000	.882	.000	.417	.600	.667	.000	.718	.000	.667	.887	.781	.000	.939	.925



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File Name : 601 - CSAH 14 & 20th Avenue

Site Code : 601

Start Date : 2/4/2014

Page No : 4

Start Time	20th Avenue Southbound						CSAH 14 Westbound						20th 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	10	4	3	0	17	0	21	106	14	0	141	0	15	26	45	0	86	0	5	80	4	0	89	333
16:45	0	15	8	5	0	28	0	33	86	23	0	142	0	4	25	54	0	83	0	9	82	4	0	95	348
17:00	0	13	4	4	0	21	0	37	107	23	0	167	0	15	19	34	0	68	0	9	84	3	0	96	352
17:15	0	15	6	1	0	22	0	35	119	18	0	172	0	14	26	46	0	86	0	4	87	2	0	93	373
Total Volume	0	53	22	13	0	88	0	126	418	78	0	622	0	48	96	179	0	323	0	27	333	13	0	373	1406
% App. Total	0	60.2	25	14.8	0		0	20.3	67.2	12.5	0		0	14.9	29.7	55.4	0		0	7.2	89.3	3.5	0		
PHF	.000	.883	.688	.650	.000	.786	.000	.851	.878	.848	.000	.904	.000	.800	.923	.829	.000	.939	.000	.750	.957	.813	.000	.971	.942

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

