

# SRF Consulting

TH-212 at CSAH-11, SOUTH RAMPS  
 Ref.Pt.: 145.623  
 SRF Consulting Group/MnDOT  
 TURN MOVEMENT COUNT

File Name : CSAH 11 and TH 212 South Ramps  
 Site Code :  
 Start Date : 3/12/2015  
 Page No : 1

## Groups Printed- Cars+ - Heavy Vehicles

Start Time	Jonathan Carver Pkwy / CSAH-11 Southbound				ramp to TH-212 EB Westbound				Jonathan Carver Pkwy / CSAH-11 Northbound				ramp from TH-212 EB Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	1	16	0	0	0	0	0	0	0	12	80	0	26	0	0	0	135
06:15	8	17	0	0	0	0	0	0	0	23	114	0	39	0	1	0	202
06:30	14	40	0	0	0	0	0	0	0	21	155	0	41	0	5	0	276
06:45	10	32	0	0	0	0	0	0	0	33	172	0	46	0	4	0	297
Total	33	105	0	0	0	0	0	0	0	89	521	0	152	0	10	0	910
07:00	9	36	0	0	0	0	0	0	0	35	216	0	55	0	2	0	353
07:15	6	39	0	0	0	0	0	0	0	33	180	0	40	1	3	0	302
07:30	8	58	0	0	0	0	0	0	0	46	219	0	57	0	3	0	391
07:45	10	43	0	0	0	0	0	0	0	38	190	0	49	0	5	0	335
Total	33	176	0	0	0	0	0	0	0	152	805	0	201	1	13	0	1381
08:00	7	21	0	0	0	0	0	0	0	38	124	0	25	0	3	0	218
08:15	10	45	0	0	0	0	0	0	0	33	111	0	34	0	2	0	235
08:30	12	44	0	0	0	0	0	0	0	22	104	0	29	0	7	0	218
08:45	6	34	0	0	0	0	0	0	0	38	121	0	27	1	2	0	229
Total	35	144	0	0	0	0	0	0	0	131	460	0	115	1	14	0	900
*** BREAK ***																	
11:00	8	32	0	0	0	0	0	0	0	18	30	0	25	0	3	0	116
11:15	6	49	0	0	0	0	0	0	0	15	32	0	24	0	2	0	128
11:30	11	39	0	0	0	0	0	0	0	14	36	0	23	0	2	0	125
11:45	4	35	0	0	0	0	0	0	0	16	32	0	22	0	1	0	110
Total	29	155	0	0	0	0	0	0	0	63	130	0	94	0	8	0	479
12:00	9	53	0	0	0	0	0	0	0	13	27	0	20	0	1	0	123
12:15	14	41	0	0	0	0	0	0	0	13	26	0	20	0	1	0	115
12:30	5	41	0	0	0	0	0	0	0	14	25	0	17	0	2	0	104
12:45	6	30	0	0	0	0	0	0	0	23	32	0	14	0	1	0	106
Total	34	165	0	0	0	0	0	0	0	63	110	0	71	0	5	0	448
*** BREAK ***																	
15:00	4	94	0	0	0	0	0	0	0	24	29	0	18	0	4	0	173
15:15	17	114	0	0	0	0	0	0	0	28	28	0	19	0	4	0	210
15:30	20	119	0	0	0	0	0	0	0	17	30	0	28	0	3	0	217
15:45	10	158	0	0	0	0	0	0	0	31	32	0	19	0	8	0	258
Total	51	485	0	0	0	0	0	0	0	100	119	0	84	0	19	0	858
16:00	8	168	0	0	0	0	0	0	0	26	31	0	15	0	3	0	251
16:15	10	201	0	0	0	0	0	0	0	22	33	0	30	0	7	0	303
16:30	7	221	0	0	0	0	0	0	0	30	40	0	31	0	5	0	334
16:45	8	211	0	0	0	0	0	0	0	31	55	0	26	0	6	0	337
Total	33	801	0	0	0	0	0	0	0	109	159	0	102	0	21	0	1225
17:00	6	205	0	0	0	0	0	0	0	30	47	0	21	0	4	0	313
17:15	7	211	0	0	0	0	0	0	0	23	44	0	29	0	2	0	316
17:30	14	204	0	0	0	0	0	0	0	30	57	0	17	0	5	1	328
17:45	1	149	0	0	0	0	0	0	0	21	49	0	22	0	4	1	247
Total	28	769	0	0	0	0	0	0	0	104	197	0	89	0	15	2	1204
Grand Total	276	2800	0	0	0	0	0	0	0	811	2501	0	908	2	105	2	7405
Apprch %	9	91	0	0	0	0	0	0	0	24.5	75.5	0	89.3	0.2	10.3	0.2	
Total %	3.7	37.8	0	0	0	0	0	0	0	11	33.8	0	12.3	0	1.4	0	
Cars+	263	2673	0	0	0	0	0	0	0	742	2456	0	852	1	102	2	7091
% Cars+	95.3	95.5	0	0	0	0	0	0	0	91.5	98.2	0	93.8	50	97.1	100	95.8
Heavy Vehicles	13	127	0	0	0	0	0	0	0	69	45	0	56	1	3	0	314
% Heavy Vehicles	4.7	4.5	0	0	0	0	0	0	0	8.5	1.8	0	6.2	50	2.9	0	4.2



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Start Time	Jonathan Carver Pkwy / CSAH-11 Southbound					ramp to TH-212 EB Westbound					Jonathan Carver Pkwy / CSAH-11 Northbound					ramp from TH-212 EB 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 11:00 to 12:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:15																					
11:15	6	49	0	0	55	0	0	0	0	0	0	15	32	0	47	24	0	2	0	26	128
11:30	11	39	0	0	50	0	0	0	0	0	0	14	36	0	50	23	0	2	0	25	125
11:45	4	35	0	0	39	0	0	0	0	0	0	16	32	0	48	22	0	1	0	23	110
12:00	9	53	0	0	62	0	0	0	0	0	0	13	27	0	40	20	0	1	0	21	123
Total Volume	30	176	0	0	206	0	0	0	0	0	0	58	127	0	185	89	0	6	0	95	486
% App. Total	14.6	85.4	0	0		0	0	0	0		0	31.4	68.6	0		93.7	0	6.3	0		
PHF	.682	.830	.000	.000	.831	.000	.000	.000	.000	.000	.000	.906	.882	.000	.925	.927	.000	.750	.000	.913	.949
Cars+	26	167	0	0	193	0	0	0	0	0	0	55	124	0	179	84	0	5	0	89	461
% Cars+	86.7	94.9	0	0	93.7	0	0	0	0	0	0	94.8	97.6	0	96.8	94.4	0	83.3	0	93.7	94.9
Heavy Vehicles																					
% Heavy Vehicles	13.3	5.1	0	0	6.3	0	0	0	0	0	0	5.2	2.4	0	3.2	5.6	0	16.7	0	6.3	5.1



