

# SRF Consulting

SRF No. 8642 Snelling Timing Project  
 Location: Snelling Avenue and Hoyt Ave  
 SRF Consulting Group

File Name : Snelling and Hoyt  
 Site Code :  
 Start Date : 11/6/2014  
 Page No : 1

## Groups Printed- Cars+ - Heavy Vehicles

Start Time	Snelling Ave Southbound				Hoyt Ave Westbound				Snelling Ave Northbound				Hoyt Ave Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	0	140	1	0	3	0	3	0	3	72	2	0	0	0	0	0	224
06:15	1	188	2	0	2	0	3	0	0	104	0	1	0	0	0	0	301
06:30	5	202	1	0	8	0	12	0	2	154	1	1	1	0	1	0	388
06:45	2	327	0	0	4	1	10	0	11	173	3	3	1	0	0	0	535
Total	8	857	4	0	17	1	28	0	16	503	6	5	2	0	1	0	1448
07:00	0	340	2	0	4	1	12	0	0	184	3	3	0	0	0	0	549
07:15	1	360	0	0	15	1	20	0	1	254	1	1	0	0	0	0	654
07:30	2	395	0	0	16	0	28	0	1	291	5	3	0	0	0	1	742
07:45	4	430	3	0	20	0	16	0	9	321	2	0	0	0	0	0	805
Total	7	1525	5	0	55	2	76	0	11	1050	11	7	0	0	0	1	2750
08:00	7	374	1	0	15	0	14	0	1	254	6	0	0	0	0	0	672
08:15	6	411	0	0	22	0	12	0	3	244	3	2	0	0	0	0	703
08:30	10	269	0	0	12	1	10	0	4	242	2	5	0	0	1	0	556
08:45	4	269	1	0	8	0	6	0	3	267	3	1	0	0	0	0	562
Total	27	1323	2	0	57	1	42	0	11	1007	14	8	0	0	1	0	2493
09:00	6	216	2	0	2	1	7	1	2	195	2	4	1	0	0	0	439
09:15	2	236	2	0	6	0	5	2	1	163	1	3	2	0	0	0	423
*** BREAK ***																	
Total	8	452	4	0	8	1	12	3	3	358	3	7	3	0	0	0	862
*** BREAK ***																	
10:30	2	177	0	0	5	0	3	0	0	220	7	3	0	0	1	0	418
10:45	6	197	0	0	1	0	6	0	1	230	6	1	0	0	1	0	449
Total	8	374	0	0	6	0	9	0	1	450	13	4	0	0	2	0	867
11:00	3	176	0	0	4	0	5	0	2	257	8	2	0	0	1	0	458
11:15	8	173	0	0	4	0	5	0	0	277	3	1	0	0	0	0	471
11:30	4	176	1	0	5	0	7	0	1	212	66	4	1	1	2	0	480
11:45	7	236	1	0	6	0	3	2	1	315	6	2	0	0	0	0	579
Total	22	761	2	0	19	0	20	2	4	1061	83	9	1	1	3	0	1988
12:00	5	250	1	0	6	1	7	0	9	307	9	2	5	0	1	0	603
12:15	4	261	0	0	6	0	9	0	3	302	4	1	0	0	1	0	591
12:30	3	290	0	0	12	0	7	0	3	282	6	1	1	0	1	0	606
12:45	5	303	1	0	1	0	6	0	1	291	9	1	2	0	6	0	626
Total	17	1104	2	0	25	1	29	0	16	1182	28	5	8	0	9	0	2426
13:00	5	265	1	0	4	0	3	0	1	249	3	1	0	0	2	0	534
13:15	4	253	0	0	5	0	2	0	3	287	6	0	0	0	1	0	561
*** BREAK ***																	
Total	9	518	1	0	9	0	5	0	4	536	9	1	0	0	3	0	1095
*** BREAK ***																	
14:30	3	250	2	0	4	1	7	0	1	342	7	0	0	0	1	0	618
14:45	9	225	1	0	3	0	5	1	0	324	11	0	0	0	5	0	584
Total	12	475	3	0	7	1	12	1	1	666	18	0	0	0	6	0	1202
15:00	6	205	1	0	13	0	5	0	1	353	9	2	1	0	1	0	597
15:15	4	239	1	0	9	0	3	1	0	381	10	1	0	0	4	0	653
15:30	7	210	2	2	6	0	1	0	2	419	14	3	1	1	4	0	672
15:45	4	253	0	0	5	0	6	1	2	472	16	3	1	1	4	0	768
Total	21	907	4	2	33	0	15	2	5	1625	49	9	3	2	13	0	2690
16:00	6	264	0	0	4	0	1	0	1	486	14	2	1	0	1	0	780
16:15	5	314	0	0	2	0	10	1	0	497	15	2	1	0	2	0	849
16:30	8	294	0	1	12	0	13	1	1	469	9	1	0	0	2	0	811
16:45	6	320	0	4	6	0	3	0	0	450	11	5	1	2	2	0	810
Total	25	1192	0	5	24	0	27	2	2	1902	49	10	3	2	7	0	3250

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## Groups Printed- Cars+ - Heavy Vehicles

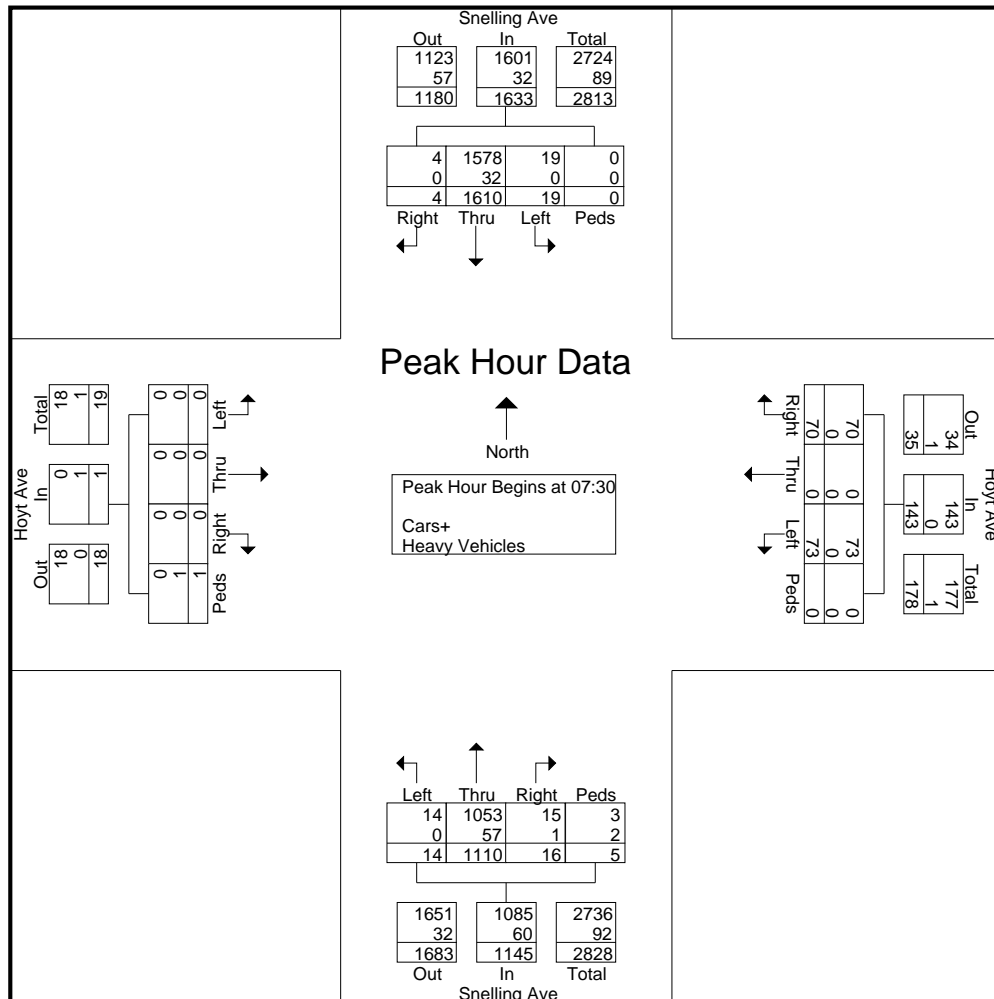
Start Time	Snelling Ave Southbound				Hoyt Ave Westbound				Snelling Ave Northbound				Hoyt Ave Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
17:00	8	296	1	0	3	0	9	0	2	479	17	0	0	6	2	0	823
17:15	7	295	1	0	10	0	8	0	1	493	20	5	0	3	6	0	849
17:30	10	313	0	2	6	1	7	2	0	424	22	3	1	0	1	0	792
17:45	8	285	6	3	4	0	11	0	4	390	16	0	1	0	2	0	730
Total	33	1189	8	5	23	1	35	2	7	1786	75	8	2	9	11	0	3194
Grand Total	197	10677	35	12	283	8	310	12	81	12126	358	73	22	14	56	1	24265
Apprch %	1.8	97.8	0.3	0.1	46.2	1.3	50.6	2	0.6	95.9	2.8	0.6	23.7	15.1	60.2	1.1	
Total %	0.8	44	0.1	0	1.2	0	1.3	0	0.3	50	1.5	0.3	0.1	0.1	0.2	0	
Cars+	193	10340	34	9	280	8	307	11	79	11679	348	47	21	14	55	0	23425
% Cars+	98	96.8	97.1	75	98.9	100	99	91.7	97.5	96.3	97.2	64.4	95.5	100	98.2	0	96.5
Heavy Vehicles	4	337	1	3	3	0	3	1	2	447	10	26	1	0	1	1	840
% Heavy Vehicles	2	3.2	2.9	25	1.1	0	1	8.3	2.5	3.7	2.8	35.6	4.5	0	1.8	100	3.5

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Start Time	Snelling Ave Southbound					Hoyt Ave Westbound					Snelling Ave Northbound					Hoyt Ave 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 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30																					
07:30	2	395	0	0	397	16	0	28	0	44	1	291	5	3	300	0	0	0	1	1	742
07:45	4	430	3	0	437	20	0	16	0	36	9	321	2	0	332	0	0	0	0	0	805
08:00	7	374	1	0	382	15	0	14	0	29	1	254	6	0	261	0	0	0	0	0	672
08:15	6	411	0	0	417	22	0	12	0	34	3	244	3	2	252	0	0	0	0	0	703
Total Volume	19	1610	4	0	1633	73	0	70	0	143	14	1110	16	5	1145	0	0	0	1	1	2922
% App. Total	1.2	98.6	0.2	0		51	0	49	0		1.2	96.9	1.4	0.4		0	0	0	100		
PHF	.679	.936	.333	.000	.934	.830	.000	.625	.000	.813	.389	.864	.667	.417	.862	.000	.000	.000	.250	.250	.907
Cars+	19	1578										1053									
% Cars+	100	98.0	100	0	98.0	100	0	100	0	100	100	94.9	93.8	60.0	94.8	0	0	0	0	0	96.8
Heavy Vehicles	0	32	0	0	32	0	0	0	0	0	0	57	1	2	60	0	0	0	1	1	93
% Heavy Vehicles	0	2.0	0	0	2.0	0	0	0	0	0	0	5.1	6.3	40.0	5.2	0	0	0	100	100	3.2

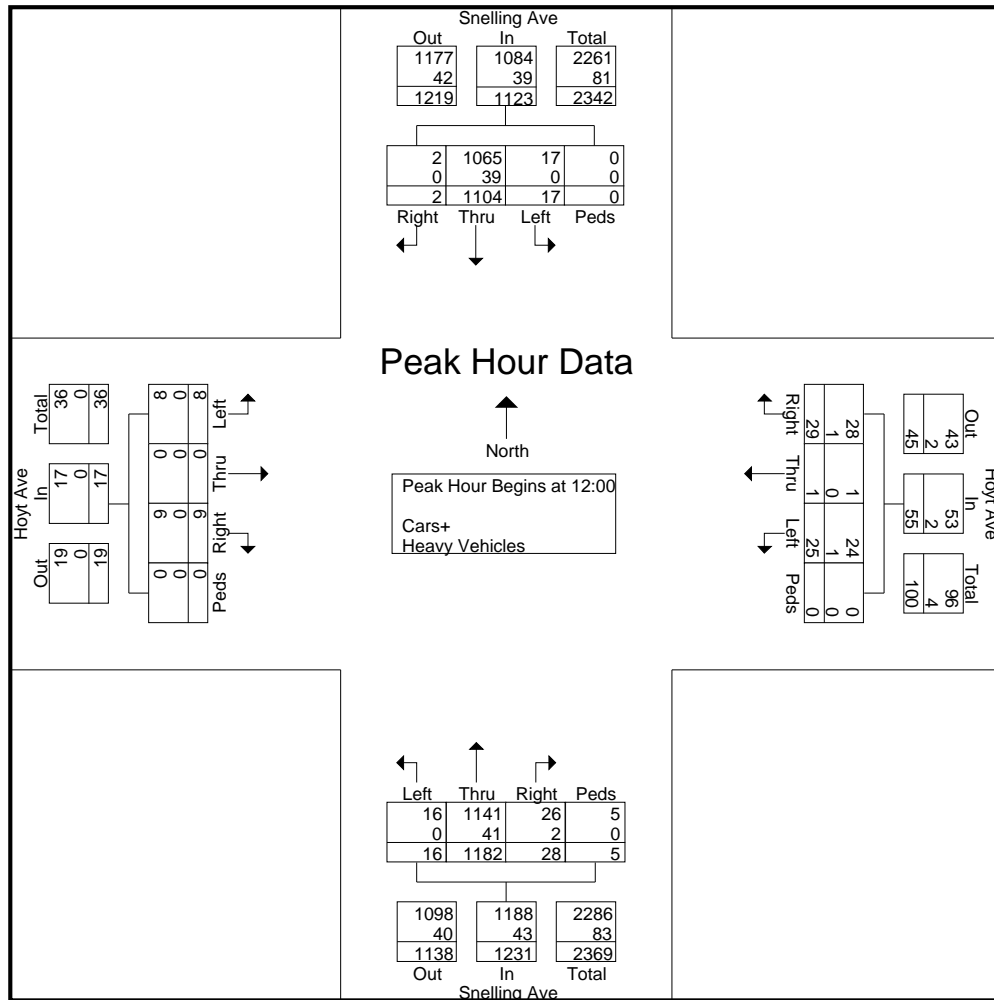


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Start Time	Snelling Ave Southbound					Hoyt Ave Westbound					Snelling Ave Northbound					Hoyt Ave Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
Peak Hour Analysis From 09:00 to 12:45 - Peak 1 of 1																						
Peak Hour for Entire Intersection Begins at 12:00																						
12:00	5	250	1	0	256	6	1	7	0	14	9	307	9	2	327	5	0	1	0	6	603	
12:15	4	261	0	0	265	6	0	9	0	15	3	302	4	1	310	0	0	1	0	1	591	
12:30	3	290	0	0	293	12	0	7	0	19	3	282	6	1	292	1	0	1	0	2	606	
12:45	5	303	1	0	309	1	0	6	0	7	1	291	9	1	302	2	0	6	0	8	626	
Total Volume	17	1104	2	0	1123	25	1	29	0	55	16	1182	28	5	1231	8	0	9	0	17	2426	
% App. Total	1.5	98.3	0.2	0		45.5	1.8	52.7	0		1.3	96	2.3	0.4		47.1	0	52.9	0			
PHF	.850	.911	.500	.000	.909	.521	.250	.806	.000	.724	.444	.963	.778	.625	.941	.400	.000	.375	.000	.531	.969	
Cars+	17	1065									1141											
% Cars+	100	96.5	100	0	96.5	96.0	100	96.6	0	96.4	100	96.5	92.9	100	96.5	100	0	100	0	100	96.5	
Heavy Vehicles	0	39	0	0	39	1	0	1	0	2	0	41	2	0	43	0	0	0	0	0	84	
% Heavy Vehicles	0	3.5	0	0	3.5	4.0	0	3.4	0	3.6	0	3.5	7.1	0	3.5	0	0	0	0	0	3.5	



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Start Time	Snelling Ave Southbound					Hoyt Ave Westbound					Snelling Ave Northbound					Hoyt Ave 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 13:00 to 16:45 - Peak 1 of 1																						
Peak Hour for Entire Intersection Begins at 16:00																						
16:00	6	264	0	0	270	4	0	1	0	5	1	486	14	2	503	1	0	1	0	2	780	
16:15	5	314	0	0	319	2	0	10	1	13	0	<b>497</b>	<b>15</b>	2	<b>514</b>	1	0	<b>2</b>	0	3	<b>849</b>	
16:30	<b>8</b>	294	0	1	303	<b>12</b>	0	<b>13</b>	1	<b>26</b>	1	469	9	1	480	0	0	2	0	2	811	
16:45	6	<b>320</b>	0	<b>4</b>	<b>330</b>	6	0	3	0	9	0	450	11	<b>5</b>	466	1	<b>2</b>	2	0	<b>5</b>	810	
Total Volume	25	1192	0	5	1222	24	0	27	2	53	2	1902	49	10	1963	3	2	7	0	12	3250	
% App. Total	2	97.5	0	0.4		45.3	0	50.9	3.8		0.1	96.9	2.5	0.5		25	16.7	58.3	0			
PHF	.781	.931	.000	.313	.926	.500	.000	.519	.500	.510	.500	.957	.817	.500	.955	.750	.250	.875	.000	.600	.957	
Cars+	23	1158									1859											
% Cars+	92.0	97.1	0	80.0	97.0	95.8	0	100	100	98.1	100	97.7	98.0	80.0	97.7	100	100	100	0	100	97.4	
Heavy Vehicles	2	34	0	1	37	1	0	0	0	1	0	43	1	2	46	0	0	0	0	0	84	
% Heavy Vehicles	8.0	2.9	0	20.0	3.0	4.2	0	0	0	1.9	0	2.3	2.0	20.0	2.3	0	0	0	0	0	2.6	

