

# SRF Consulting

SRF No. 8642 Snelling Timing Project  
 Location: Snelling Avenue and County Road C  
 SRF Consulting Group

File Name : Snelling and County Road C  
 Site Code :  
 Start Date : 10/30/2014  
 Page No : 1

## Groups Printed- Cars+ - Heavy Vehicles

Start Time	Snelling Ave Southbound				County Road C Westbound				Snelling Ave Northbound				County Road C Eastbound				Int. Total	
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds		
06:00	2	110	20	0	9	29	1	0	36	38	7	0	3	11	11	1	278	
06:15	2	131	21	0	18	14	0	0	34	59	12	1	4	8	18	1	323	
06:30	7	196	23	1	16	32	1	0	50	81	22	0	2	9	18	0	458	
06:45	8	273	53	2	26	66	1	0	32	122	25	0	11	24	13	0	656	
Total	19	710	117	3	69	141	3	0	152	300	66	1	20	52	60	2	1715	
07:00	4	312	55	0	37	55	1	0	26	132	25	1	8	23	24	0	703	
07:15	9	479	49	0	26	87	5	0	44	178	20	0	7	24	22	0	950	
07:30	6	472	42	1	45	78	5	0	44	182	23	0	9	35	24	0	966	
07:45	11	459	47	0	29	115	8	0	55	202	37	1	16	39	32	0	1051	
Total	30	1722	193	1	137	335	19	0	169	694	105	2	40	121	102	0	3670	
08:00	10	409	66	0	23	75	6	0	65	192	40	0	14	34	29	0	963	
08:15	6	318	35	0	30	94	4	0	47	145	28	1	10	26	20	0	764	
08:30	10	228	32	1	30	69	5	0	51	139	24	0	19	25	26	0	659	
08:45	9	191	39	5	22	82	9	0	72	124	34	0	12	41	52	0	692	
Total	35	1146	172	6	105	320	24	0	235	600	126	1	55	126	127	0	3078	
09:00	12	136	24	0	23	48	7	0	51	94	42	0	9	37	35	0	518	
09:15	9	142	18	1	32	60	6	0	64	92	18	0	6	35	42	0	525	
*** BREAK ***																		
Total	21	278	42	1	55	108	13	0	115	186	60	0	15	72	77	0	1043	
*** BREAK ***																		
10:30	8	133	24	0	29	47	4	0	64	95	23	0	17	41	51	0	536	
10:45	5	149	27	1	33	47	2	0	78	107	24	1	13	53	35	0	575	
Total	13	282	51	1	62	94	6	0	142	202	47	1	30	94	86	0	1111	
11:00	7	128	19	2	37	43	2	0	54	97	31	1	18	53	53	0	545	
11:15	5	148	29	0	43	58	9	0	53	149	33	0	17	40	54	0	638	
11:30	8	179	18	0	37	69	4	0	85	134	33	0	30	35	65	2	699	
11:45	12	159	33	1	43	74	5	0	77	164	34	0	32	49	64	0	747	
Total	32	614	99	3	160	244	20	0	269	544	131	1	97	177	236	2	2629	
12:00	5	163	21	1	38	70	8	0	76	123	23	0	21	51	65	0	665	
12:15	11	187	29	0	44	63	10	0	101	147	35	1	30	58	60	0	776	
12:30	7	184	23	0	65	84	8	0	88	155	50	1	29	65	62	1	822	
12:45	14	148	31	2	38	71	7	0	109	187	38	0	31	68	65	0	809	
Total	37	682	104	3	185	288	33	0	374	612	146	2	111	242	252	1	3072	
13:00	9	153	20	0	44	75	3	0	103	159	27	0	37	45	41	0	716	
13:15	9	133	17	1	32	51	8	0	60	168	27	0	22	47	45	2	622	
*** BREAK ***																		
Total	18	286	37	1	76	126	11	0	163	327	54	0	59	92	86	2	1338	
*** BREAK ***																		
14:30	14	135	24	0	48	64	12	0	57	211	26	0	43	63	62	0	759	
14:45	2	132	18	2	38	67	8	0	65	220	47	0	24	65	58	0	746	
Total	16	267	42	2	86	131	20	0	122	431	73	0	67	128	120	0	1505	
15:00	11	134	23	3	33	62	12	0	65	319	36	2	35	90	57	1	883	
15:15	8	155	29	1	47	86	7	0	44	349	47	0	46	85	47	1	952	
15:30	20	208	53	4	38	60	18	0	79	416	17	0	38	95	54	0	1100	
15:45	17	189	21	1	49	76	7	0	68	493	47	0	50	97	42	0	1157	
Total	56	686	126	9	167	284	44	0	256	1577	147	2	169	367	200	2	4092	
16:00	19	153	26	4	34	57	11	0	68	453	37	0	62	117	55	0	1096	
16:15	26	174	22	2	47	95	12	0	58	524	44	1	64	115	44	0	1228	
16:30	17	251	25	1	58	83	16	0	77	465	23	0	53	120	58	0	1247	
16:45	27	271	29	2	43	97	15	0	70	497	35	0	77	112	60	1	1336	
Total	89	849	102	9	182	332	54	0	273	1939	139	1	256	464	217	1	4907	

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## Groups Printed- Cars+ - Heavy Vehicles

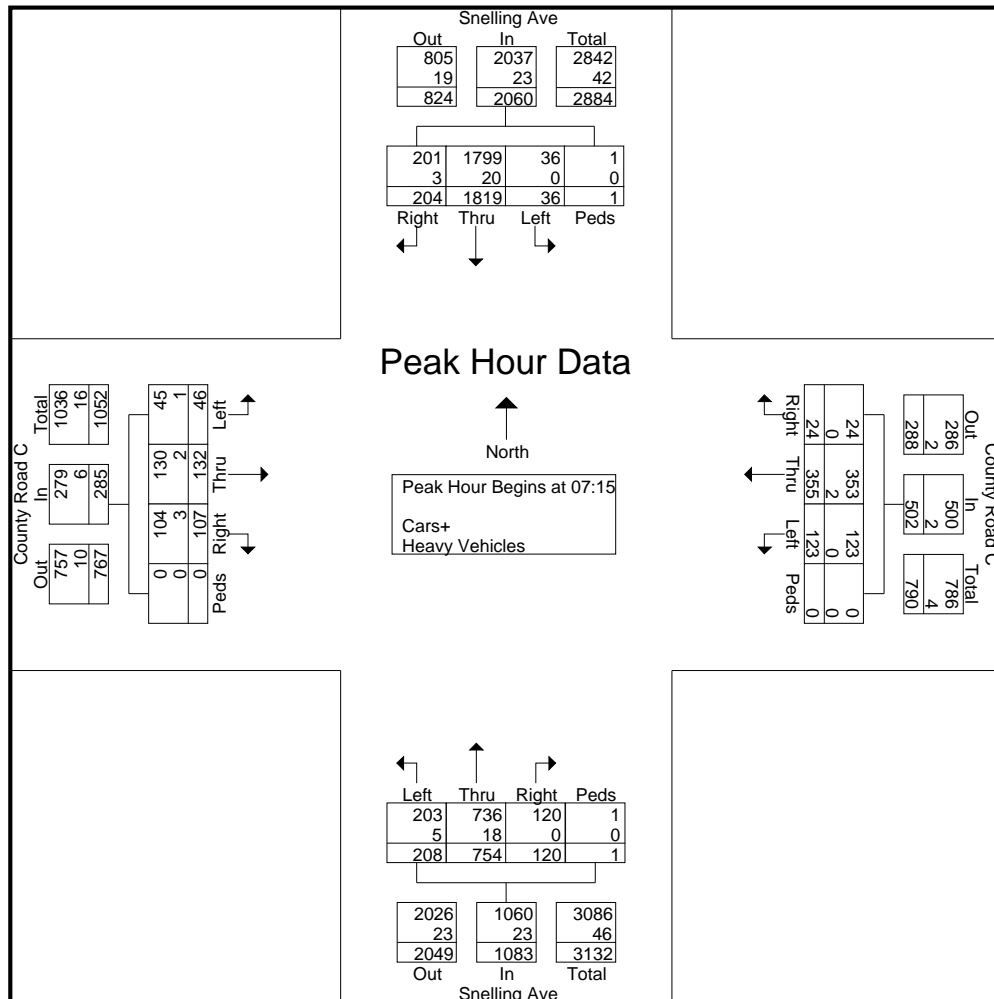
Start Time	Snelling Ave Southbound				County Road C Westbound				Snelling Ave Northbound				County Road C Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
17:00	18	247	19	0	58	90	22	0	66	434	25	0	57	120	66	0	1222
17:15	26	246	25	1	58	111	15	0	75	432	30	0	68	88	55	0	1230
17:30	13	245	19	2	41	72	16	0	61	368	27	0	67	111	59	0	1101
17:45	19	256	17	0	48	72	7	0	64	296	25	0	51	93	50	0	998
Total	76	994	80	3	205	345	60	0	266	1530	107	0	243	412	230	0	4551
Grand Total	442	8516	1165	42	1489	2748	307	0	2536	8942	1201	11	1162	2347	1793	10	32711
Apprch %	4.3	83.8	11.5	0.4	32.8	60.5	6.8	0	20	70.5	9.5	0.1	21.9	44.2	33.8	0.2	
Total %	1.4	26	3.6	0.1	4.6	8.4	0.9	0	7.8	27.3	3.7	0	3.6	7.2	5.5	0	
Cars+	441	8419	1146	34	1484	2737	306	0	2486	8823	1198	10	1157	2331	1763	10	32345
% Cars+	99.8	98.9	98.4	81	99.7	99.6	99.7	0	98	98.7	99.8	90.9	99.6	99.3	98.3	100	98.9
Heavy Vehicles	1	97	19	8	5	11	1	0	50	119	3	1	5	16	30	0	366
% Heavy Vehicles	0.2	1.1	1.6	19	0.3	0.4	0.3	0	2	1.3	0.2	9.1	0.4	0.7	1.7	0	1.1

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Start Time	Snelling Ave Southbound					County Road C Westbound					Snelling Ave Northbound					County Road C 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 07:15																					
07:15	9	479	49	0	537	26	87	5	0	118	44	178	20	0	242	7	24	22	0	53	950
07:30	6	472	42	1	521	45	78	5	0	128	44	182	23	0	249	9	35	24	0	68	966
07:45	11	459	47	0	517	29	115	8	0	152	55	202	37	1	295	16	39	32	0	87	1051
08:00	10	409	66	0	485	23	75	6	0	104	65	192	40	0	297	14	34	29	0	77	963
Total Volume	36	1819	204	1	2060	123	355	24	0	502	208	754	120	1	1083	46	132	107	0	285	3930
% App. Total	1.7	88.3	9.9	0		24.5	70.7	4.8	0		19.2	69.6	11.1	0.1		16.1	46.3	37.5	0		
PHF	.818	.949	.773	.250	.959	.683	.772	.750	.000	.826	.800	.933	.750	.250	.912	.719	.846	.836	.000	.819	.935
Cars+	36	1799																			
% Cars+	100	98.9	98.5	100	98.9	100	99.4	100	0	99.6	97.6	97.6	100	100	97.9	97.8	98.5	97.2	0	97.9	98.6
Heavy Vehicles	0	20	3	0	23	0	2	0	0	2	5	18	0	0	23	1	2	3	0	6	54
% Heavy Vehicles	0	1.1	1.5	0	1.1	0	0.6	0	0	0.4	2.4	2.4	0	0	2.1	2.2	1.5	2.8	0	2.1	1.4

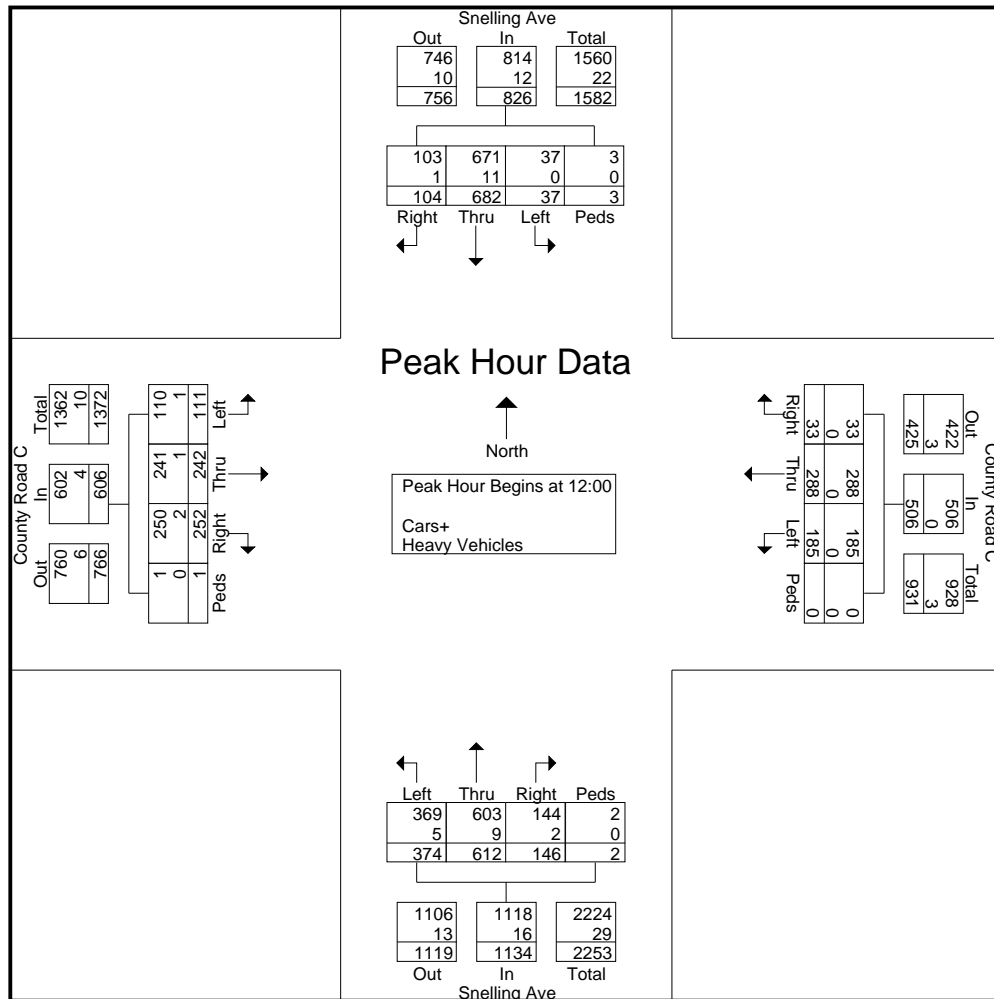


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Start Time	Snelling Ave Southbound					County Road C Westbound					Snelling Ave Northbound					County Road C Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	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	163	21	1	190	38	70	8	0	116	76	123	23	0	222	21	51	65	0	137	665
12:15	11	187	29	0	227	44	63	10	0	117	101	147	35	1	284	30	58	60	0	148	776
12:30	7	184	23	0	214	65	84	8	0	157	88	155	50	1	294	29	65	62	1	157	822
12:45	14	148	31	2	195	38	71	7	0	116	109	187	38	0	334	31	68	65	0	164	809
Total Volume	37	682	104	3	826	185	288	33	0	506	374	612	146	2	1134	111	242	252	1	606	3072
% App. Total	4.5	82.6	12.6	0.4		36.6	56.9	6.5	0		33	54	12.9	0.2		18.3	39.9	41.6	0.2		
PHF	.661	.912	.839	.375	.910	.712	.857	.825	.000	.806	.858	.818	.730	.500	.849	.895	.890	.969	.250	.924	.934
Cars+	37	671	103	3	814	185	288	33	0	506	369	603	144	2	1118	110	241	250	1	602	3040
% Cars+	100	98.4	99.0	100	98.5	100	100	100	0	100	98.7	98.5	98.6	100	98.6	99.1	99.6	99.2	100	99.3	99.0
Heavy Vehicles	0	1.6	1.0	0	1.5	0	0	0	0	0	1.3	1.5	1.4	0	1.4	0.9	0.4	0.8	0	0.7	1.0
% Heavy Vehicles																					



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Start Time	Snelling Ave Southbound					County Road C Westbound					Snelling Ave Northbound					County Road C 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	19	153	26	4	202	34	57	11	0	102	68	453	37	0	558	62	117	55	0	234	1096
16:15	26	174	22	2	224	47	95	12	0	154	58	<b>524</b>	<b>44</b>	<b>1</b>	<b>627</b>	64	115	44	0	223	1228
16:30	17	251	25	1	294	<b>58</b>	<b>83</b>	<b>16</b>	0	<b>157</b>	<b>77</b>	465	23	0	565	53	<b>120</b>	58	0	231	1247
16:45	<b>27</b>	<b>271</b>	<b>29</b>	<b>2</b>	<b>329</b>	<b>43</b>	<b>97</b>	<b>15</b>	0	<b>155</b>	<b>70</b>	497	35	0	<b>602</b>	<b>77</b>	<b>112</b>	<b>60</b>	<b>1</b>	<b>250</b>	<b>1336</b>
Total Volume	89	849	102	9	1049	182	332	54	0	568	273	1939	139	1	2352	256	464	217	1	938	4907
% App. Total	8.5	80.9	9.7	0.9		32	58.5	9.5	0		11.6	82.4	5.9	0		27.3	49.5	23.1	0.1		
PHF	.824	.783	.879	.563	.797	.784	.856	.844	.000	.904	.886	.925	.790	.250	.938	.831	.967	.904	.250	.938	.918
Cars+	89	846	98	7	1040	182	332	54	0	568	268	1921				99.6	99.8	97.2	100	99.1	99.2
% Cars+	100	99.6	96.1	77.8	99.1	100	100	100	0	100	98.2	99.1	100	100	99.0	99.6	99.8	97.2	100	99.1	99.2
Heavy Vehicles	0	3	4	2	9	0	0	0	0	0	5	18	0	0	23	1	1	6	0	8	40
% Heavy Vehicles	0	0.4	3.9	22.2	0.9	0	0	0	0	0	1.8	0.9	0	0	1.0	0.4	0.2	2.8	0	0.9	0.8

