

SRF Consulting

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

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

Groups Printed- Cars+ - Heavy Vehicles

Start Time	Snelling Ave Southbound				Larpenteur Ave Westbound				Snelling Ave Northbound				Larpenteur Ave Eastbound				Int. Total	
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds		
06:00	6	112	9	1	12	32	3	0	14	57	2	0	2	8	9	0	267	
06:15	6	147	12	1	14	36	7	0	16	80	9	0	1	13	25	0	367	
06:30	8	171	15	1	27	60	6	0	26	118	5	2	1	16	12	0	468	
06:45	11	297	28	0	29	66	5	0	23	154	4	0	0	13	18	0	648	
Total	31	727	64	3	82	194	21	0	79	409	20	2	4	50	64	0	1750	
07:00	11	313	16	0	24	108	13	0	33	155	12	3	13	23	16	0	740	
07:15	16	334	31	2	45	127	23	0	46	198	9	2	6	34	16	0	889	
07:30	15	348	30	0	36	152	19	0	33	245	16	0	7	37	12	0	950	
07:45	12	360	29	0	53	126	18	0	44	276	10	1	7	23	15	0	974	
Total	54	1355	106	2	158	513	73	0	156	874	47	6	33	117	59	0	3553	
08:00	9	319	32	2	21	143	15	0	39	217	5	0	14	36	12	0	864	
08:15	9	329	35	0	35	108	20	0	34	219	13	0	9	23	20	4	858	
08:30	12	243	27	0	20	116	15	0	40	207	10	0	20	40	34	0	784	
08:45	13	188	22	2	42	101	15	0	32	204	5	0	9	38	29	0	700	
Total	43	1079	116	4	118	468	65	0	145	847	33	0	52	137	95	4	3206	
09:00	16	185	22	1	28	62	14	0	22	166	9	0	13	31	22	0	591	
09:15	15	173	15	0	33	51	20	0	29	130	1	0	7	31	26	0	531	
*** BREAK ***																		
Total	31	358	37	1	61	113	34	0	51	296	10	0	20	62	48	0	1122	
*** BREAK ***																		
10:30	23	94	6	2	27	38	23	0	19	182	22	4	18	36	26	0	520	
10:45	24	128	10	1	24	44	27	1	18	200	18	1	25	32	19	0	572	
Total	47	222	16	3	51	82	50	1	37	382	40	5	43	68	45	0	1092	
11:00	31	131	8	0	32	29	16	0	25	217	22	0	20	36	24	0	591	
11:15	18	117	12	2	27	40	32	0	23	213	29	0	20	39	30	0	602	
11:30	31	127	12	1	28	36	24	0	32	232	20	1	41	34	26	0	645	
11:45	23	143	9	1	31	52	38	2	28	261	38	3	47	49	27	0	752	
Total	103	518	41	4	118	157	110	2	108	923	109	4	128	158	107	0	2590	
12:00	28	196	16	0	35	45	31	0	29	261	18	1	55	46	35	0	796	
12:15	19	185	14	5	35	44	37	0	31	268	26	0	43	56	37	0	800	
12:30	21	255	18	5	19	54	42	0	24	272	22	0	35	38	19	0	824	
12:45	31	208	12	4	34	69	33	0	33	257	26	0	47	43	28	0	825	
Total	99	844	60	14	123	212	143	0	117	1058	92	1	180	183	119	0	3245	
13:00	22	183	13	0	33	38	37	0	26	232	22	2	19	44	29	0	700	
13:15	28	165	9	2	24	54	41	1	20	243	26	2	18	34	24	0	691	
*** BREAK ***																		
Total	50	348	22	2	57	92	78	1	46	475	48	4	37	78	53	0	1391	
*** BREAK ***																		
14:30	18	206	10	6	18	37	29	0	32	274	17	0	23	52	24	0	746	
14:45	44	151	9	1	24	32	30	0	34	265	27	2	25	41	14	0	699	
Total	62	357	19	7	42	69	59	0	66	539	44	2	48	93	38	0	1445	
15:00	17	185	13	1	24	33	26	0	23	314	23	1	36	79	23	0	798	
15:15	34	219	13	1	21	60	35	0	26	348	32	0	41	83	28	0	941	
15:30	32	182	12	3	23	55	32	0	30	396	25	0	39	78	19	0	926	
15:45	36	228	18	2	19	69	40	0	47	434	21	0	58	102	19	0	1093	
Total	119	814	56	7	87	217	133	0	126	1492	101	1	174	342	89	0	3758	
16:00	26	218	16	3	20	45	22	0	37	405	25	1	45	99	20	0	982	
16:15	41	245	5	1	25	47	32	0	45	458	47	0	40	119	26	0	1131	
16:30	37	209	11	2	24	58	21	0	36	352	30	1	45	203	34	3	1066	
16:45	39	267	10	0	22	68	41	0	36	419	34	0	60	220	32	1	1249	
Total	143	939	42	6	91	218	116	0	154	1634	136	2	190	641	112	4	4428	

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 Start Date : 11/6/2014
 Page No : 2

Groups Printed- Cars+ - Heavy Vehicles

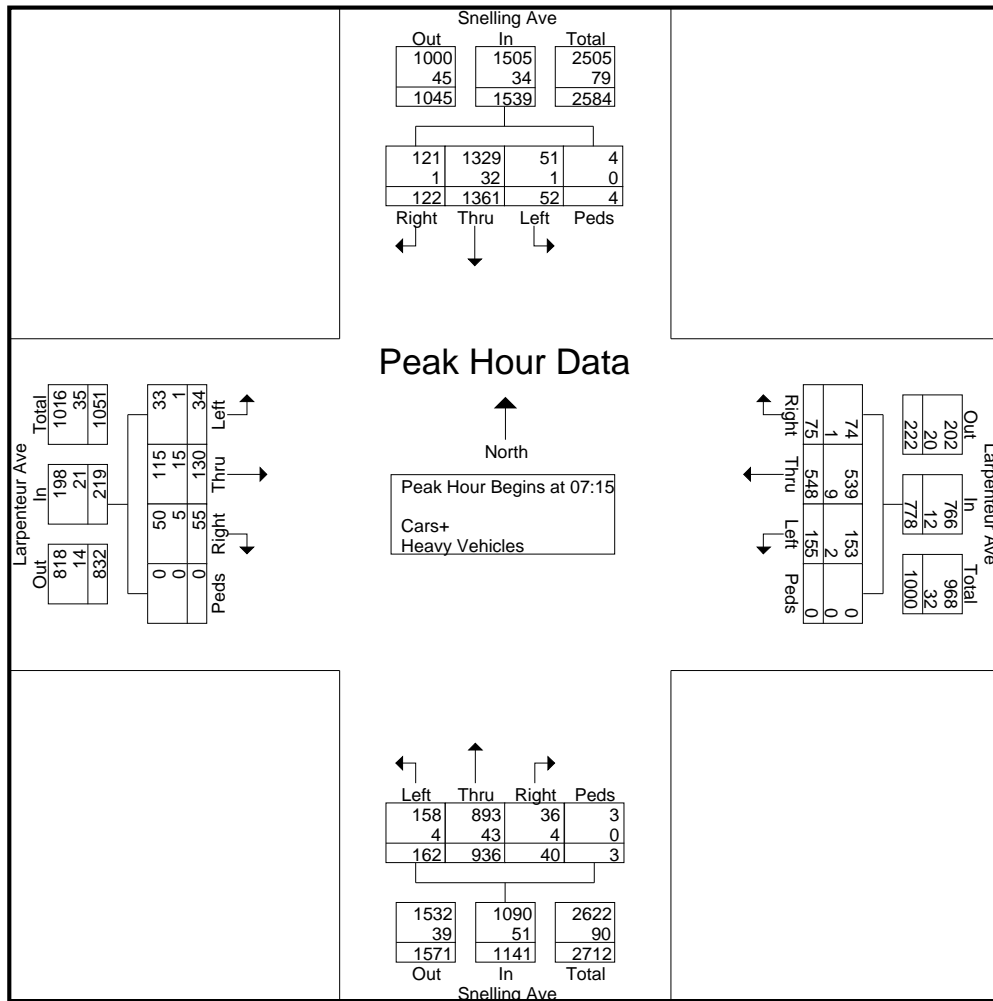
Start Time	Snelling Ave Southbound				Larpenteur Ave Westbound				Snelling Ave Northbound				Larpenteur Ave Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
17:00	86	291	10	0	26	74	36	0	33	447	42	0	34	215	30	0	1324
17:15	55	345	17	0	30	77	31	0	39	475	34	0	53	213	35	0	1404
17:30	44	346	16	0	29	61	38	0	46	462	40	0	62	170	43	1	1358
17:45	39	248	14	0	32	88	35	0	39	334	23	0	53	200	41	0	1146
Total	224	1230	57	0	117	300	140	0	157	1718	139	0	202	798	149	1	5232
Grand Total	1006	8791	636	53	1105	2635	1022	4	1242	10647	819	27	1111	2727	978	9	32812
Apprch %	9.6	83.8	6.1	0.5	23.2	55.3	21.4	0.1	9.8	83.6	6.4	0.2	23	56.5	20.3	0.2	
Total %	3.1	26.8	1.9	0.2	3.4	8	3.1	0	3.8	32.4	2.5	0.1	3.4	8.3	3	0	
Cars+	991	8513	624	51	1085	2575	1008	2	1186	10283	789	27	1098	2662	929	8	31831
% Cars+	98.5	96.8	98.1	96.2	98.2	97.7	98.6	50	95.5	96.6	96.3	100	98.8	97.6	95	88.9	97
Heavy Vehicles	15	278	12	2	20	60	14	2	56	364	30	0	13	65	49	1	981
% Heavy Vehicles	1.5	3.2	1.9	3.8	1.8	2.3	1.4	50	4.5	3.4	3.7	0	1.2	2.4	5	11.1	3

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 Start Date : 11/6/2014
 Page No : 3

Start Time	Snelling Ave Southbound					Larpenteur Ave Westbound					Snelling Ave Northbound					Larpenteur 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 07:15																					
07:15	16	334	31	2	383	45	127	23	0	195	46	198	9	2	255	6	34	16	0	56	889
07:30	15	348	30	0	393	36	152	19	0	207	33	245	16	0	294	7	37	12	0	56	950
07:45	12	360	29	0	401	53	126	18	0	197	44	276	10	1	331	7	23	15	0	45	974
08:00	9	319	32	2	362	21	143	15	0	179	39	217	5	0	261	14	36	12	0	62	864
Total Volume	52	1361	122	4	1539	155	548	75	0	778	162	936	40	3	1141	34	130	55	0	219	3677
% App. Total	3.4	88.4	7.9	0.3		19.9	70.4	9.6	0		14.2	82	3.5	0.3		15.5	59.4	25.1	0		
PHF	.813	.945	.953	.500	.959	.731	.901	.815	.000	.940	.880	.848	.625	.375	.862	.607	.878	.859	.000	.883	.944
Cars+	51	1329																			
% Cars+	98.1	97.6	99.2	100	97.8	98.7	98.4	98.7	0	98.5	97.5	95.4	90.0	100	95.5	97.1	88.5	90.9	0	90.4	96.8
Heavy Vehicles	1	32	1	0	34	2	9	1	0	12	4	43	4	0	51	1	15	5	0	21	118
% Heavy Vehicles	1.9	2.4	0.8	0	2.2	1.3	1.6	1.3	0	1.5	2.5	4.6	10.0	0	4.5	2.9	11.5	9.1	0	9.6	3.2

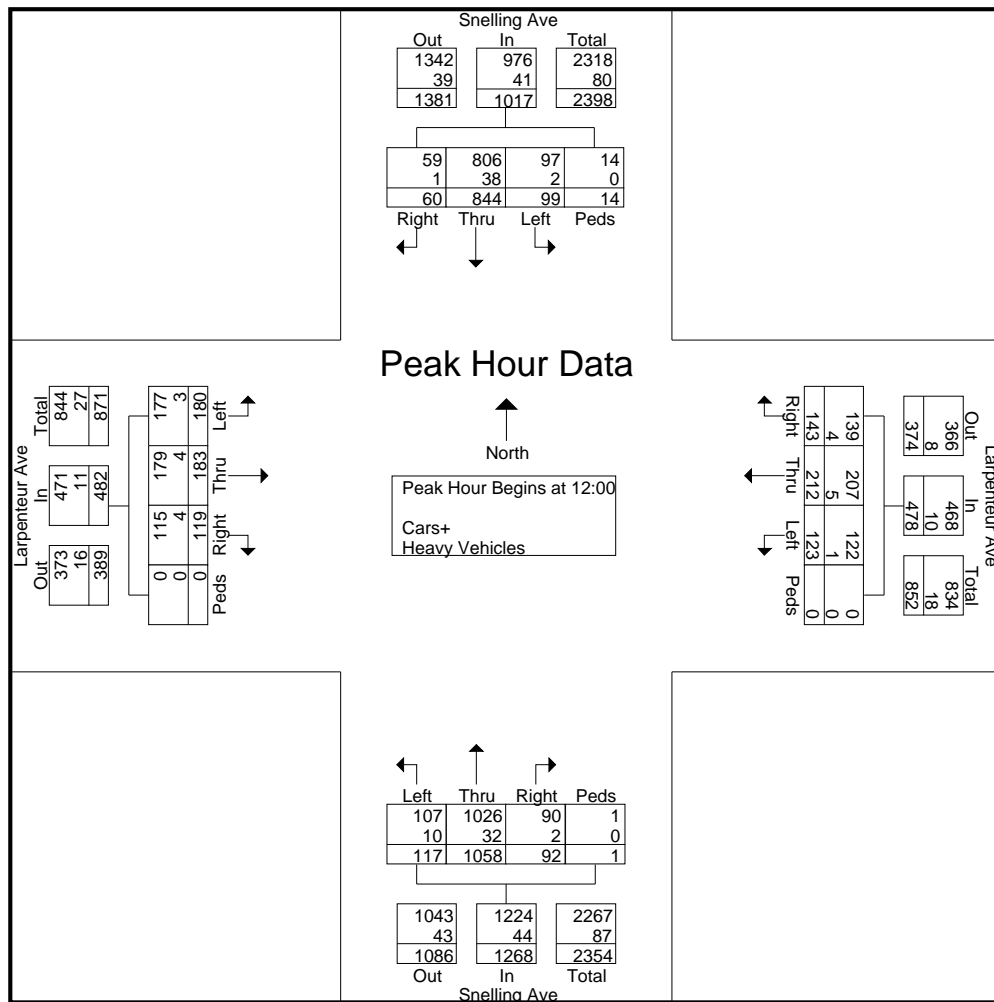


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 Page No : 4

Start Time	Snelling Ave Southbound					Larpenteur Ave Westbound					Snelling Ave Northbound					Larpenteur 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	28	196	16	0	240	35	45	31	0	111	29	261	18	1	309	55	46	35	0	136	796
12:15	19	185	14	5	223	35	44	37	0	116	31	268	26	0	325	43	56	37	0	136	800
12:30	21	255	18	5	299	19	54	42	0	115	24	272	22	0	318	35	38	19	0	92	824
12:45	31	208	12	4	255	34	69	33	0	136	33	257	26	0	316	47	43	28	0	118	825
Total Volume	99	844	60	14	1017	123	212	143	0	478	117	1058	92	1	1268	180	183	119	0	482	3245
% App. Total	9.7	83	5.9	1.4		25.7	44.4	29.9	0		9.2	83.4	7.3	0.1		37.3	38	24.7	0		
PHF	.798	.827	.833	.700	.850	.879	.768	.851	.000	.879	.886	.972	.885	.250	.975	.818	.817	.804	.000	.886	.983
Cars+	97	806	59	14	976	122	207	139	0	468	107	1026									
% Cars+	98.0	95.5	98.3	100	96.0	99.2	97.6	97.2	0	97.9	91.5	97.0	97.8	100	96.5	98.3	97.8	96.6	0	97.7	96.7
Heavy Vehicles	2	38	1	0	41	1	5	4	0	10	10	32	2	0	44	3	4	4	0	11	106
% Heavy Vehicles	2.0	4.5	1.7	0	4.0	0.8	2.4	2.8	0	2.1	8.5	3.0	2.2	0	3.5	1.7	2.2	3.4	0	2.3	3.3



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 Page No : 5

Start Time	Snelling Ave Southbound					Larpenteur Ave Westbound					Snelling Ave Northbound					Larpenteur 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	26	218	16	3	263	20	45	22	0	87	37	405	25	1	468	45	99	20	0	164	982
16:15	41	245	5	1	292	25	47	32	0	104	45	458	47	0	550	40	119	26	0	185	1131
16:30	37	209	11	2	259	24	58	21	0	103	36	352	30	1	419	45	203	34	3	285	1066
16:45	39	267	10	0	316	22	68	41	0	131	36	419	34	0	489	60	220	32	1	313	1249
Total Volume	143	939	42	6	1130	91	218	116	0	425	154	1634	136	2	1926	190	641	112	4	947	4428
% App. Total	12.7	83.1	3.7	0.5		21.4	51.3	27.3	0		8	84.8	7.1	0.1		20.1	67.7	11.8	0.4		
PHF	.872	.879	.656	.500	.894	.910	.801	.707	.000	.811	.856	.892	.723	.500	.875	.792	.728	.824	.333	.756	.886
Cars+	142	917	41	6	1106	89	214	116	0	419	152	1600									
% Cars+	99.3	97.7	97.6	100	97.9	97.8	98.2	100	0	98.6	98.7	97.9	100	100	98.1	100	99.2	97.3	100	99.2	98.3
Heavy Vehicles	1	22	1	0	24	2	4	0	0	6	2	34	0	0	36	0	5	3	0	8	74
% Heavy Vehicles	0.7	2.3	2.4	0	2.1	2.2	1.8	0	0	1.4	1.3	2.1	0	0	1.9	0	0.8	2.7	0	0.8	1.7

