

SRF Consulting Group

1 Carlson Parkway
Plymouth, Minnesota 55447

SRF No. 8765 South Metro Signal Timing
Location: Mitchell Rd and Lone Oak Dr
SRF Consulting Group/MnDOT

File Name : Mitchell Rd and Lone Oak Dr
Site Code :
Start Date : 6/11/2013
Page No : 1

Groups Printed- Cars+ - Heavy Vehicles

Start Time	Mitchell Rd Southbound					Lone Oak Dr Westbound					Mitchell Rd Northbound					Lone Oak Dr Eastbound					Int. Total
	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
06:00 AM	0	8	61	0	69	1	0	0	0	1	0	0	62	3	65	0	0	0	2	2	137
06:15 AM	0	10	64	0	74	1	0	0	0	1	0	0	87	6	93	1	1	0	1	3	171
06:30 AM	0	16	76	0	92	0	0	0	0	0	0	0	157	14	171	3	1	0	4	8	271
06:45 AM	0	23	129	0	152	1	0	0	0	1	0	0	166	13	179	2	2	0	4	8	340
Total	0	57	330	0	387	3	0	0	0	3	0	0	472	36	508	6	4	0	11	21	919
07:00 AM	0	16	133	0	149	3	0	0	0	3	0	0	180	12	192	1	3	0	2	6	350
07:15 AM	0	16	185	0	201	0	0	0	0	0	0	0	218	15	233	2	4	0	5	11	445
07:30 AM	0	19	160	0	179	0	0	0	0	0	0	0	245	13	258	1	4	0	5	10	447
07:45 AM	0	18	207	0	225	1	0	0	0	1	0	0	219	13	232	2	8	0	5	15	473
Total	0	69	685	0	754	4	0	0	0	4	0	0	862	53	915	6	19	0	17	42	1715
08:00 AM	0	5	187	0	192	0	0	0	0	0	0	0	176	13	189	0	6	0	3	9	390
08:15 AM	0	9	144	0	153	0	0	0	0	0	0	0	170	4	174	1	3	0	10	14	341
08:30 AM	0	6	132	0	138	0	0	0	0	0	0	0	144	8	152	1	4	0	4	9	299
08:45 AM	0	2	141	0	143	0	0	0	0	0	0	0	177	9	186	1	3	0	5	9	338
Total	0	22	604	0	626	0	0	0	0	0	0	0	667	34	701	3	16	0	22	41	1368
*** BREAK ***																					
11:00 AM	0	5	107	0	112	0	0	0	0	0	0	0	115	7	122	0	6	0	15	21	255
11:15 AM	0	2	99	0	101	0	0	0	0	0	2	0	131	6	139	1	7	0	11	19	259
11:30 AM	0	0	101	0	101	0	0	0	0	0	0	0	123	9	132	0	7	0	21	28	261
11:45 AM	2	2	154	0	158	2	0	0	0	2	0	0	145	13	158	0	11	0	14	25	343
Total	2	9	461	0	472	2	0	0	0	2	2	0	514	35	551	1	31	0	61	93	1118
12:00 PM	0	4	165	0	169	0	0	0	0	0	0	0	140	20	160	0	14	0	31	45	374
12:15 PM	0	4	153	0	157	0	0	0	0	0	0	0	144	17	161	0	11	0	16	27	345
12:30 PM	0	4	136	0	140	0	0	0	0	0	0	0	150	10	160	7	5	0	18	30	330
12:45 PM	0	6	135	0	141	0	0	0	0	0	0	0	172	8	180	0	3	0	25	28	349
Total	0	18	589	0	607	0	0	0	0	0	0	0	606	55	661	7	33	0	90	130	1398
*** BREAK ***																					
03:00 PM	0	2	129	0	131	0	0	0	0	0	0	0	181	4	185	2	4	0	14	20	336
03:15 PM	0	0	133	0	133	0	0	0	0	0	0	0	158	4	162	0	6	0	12	18	313
03:30 PM	0	1	123	0	124	0	0	0	0	0	0	0	190	3	193	0	1	0	17	18	335
03:45 PM	0	2	176	0	178	0	0	0	0	0	0	0	178	6	184	1	7	0	14	22	384
Total	0	5	561	0	566	0	0	0	0	0	0	0	707	17	724	3	18	0	57	78	1368
04:00 PM	0	1	162	0	163	0	0	0	0	0	0	0	261	8	269	0	14	0	30	44	476
04:15 PM	0	4	167	0	171	0	0	0	0	0	0	0	209	5	214	1	9	0	17	27	412
04:30 PM	0	5	190	0	195	0	0	0	0	0	0	0	251	12	263	0	15	0	26	41	499
04:45 PM	0	4	203	0	207	0	0	0	0	0	0	0	246	9	255	0	16	0	24	40	502
Total	0	14	722	0	736	0	0	0	0	0	0	0	967	34	1001	1	54	0	97	152	1889
05:00 PM	0	1	232	0	233	0	0	0	0	0	0	0	235	11	246	1	14	0	29	44	523
05:15 PM	0	2	232	0	234	0	0	0	0	0	0	0	243	6	249	2	6	0	11	19	502
05:30 PM	0	1	217	0	218	2	0	0	0	2	0	0	249	6	255	0	8	0	18	26	501
05:45 PM	1	0	220	0	221	3	0	0	0	3	0	0	182	2	184	1	5	0	14	20	428
Total	1	4	901	0	906	5	0	0	0	5	0	0	909	25	934	4	33	0	72	109	1954
Grand Total	3	198	4853	0	5054	14	0	0	0	14	2	0	5704	289	5995	31	208	0	427	666	11729
Apprch %	0.1	3.9	96	0		100	0	0	0		0	0	95.1	4.8		4.7	31.2	0	64.1		
Total %	0	1.7	41.4	0	43.1	0.1	0	0	0	0.1	0	0	48.6	2.5	51.1	0.3	1.8	0	3.6	5.7	
Cars+	2	195	4756	0	4953	5	0	0	0	5	2	0	5567	284	5853	15	207	0	424	646	11457
% Cars+	66.7	98.5	98	0	98	35.7	0	0	0	35.7	100	0	97.6	98.3	97.6	48.4	99.5	0	99.3	97	97.7
Heavy Vehicles	1	3	97	0	101	9	0	0	0	9	0	0	137	5	142	16	1	0	3	20	272
% Heavy Vehicles	33.3	1.5	2	0	2	64.3	0	0	0	64.3	0	0	2.4	1.7	2.4	51.6	0.5	0	0.7	3	2.3

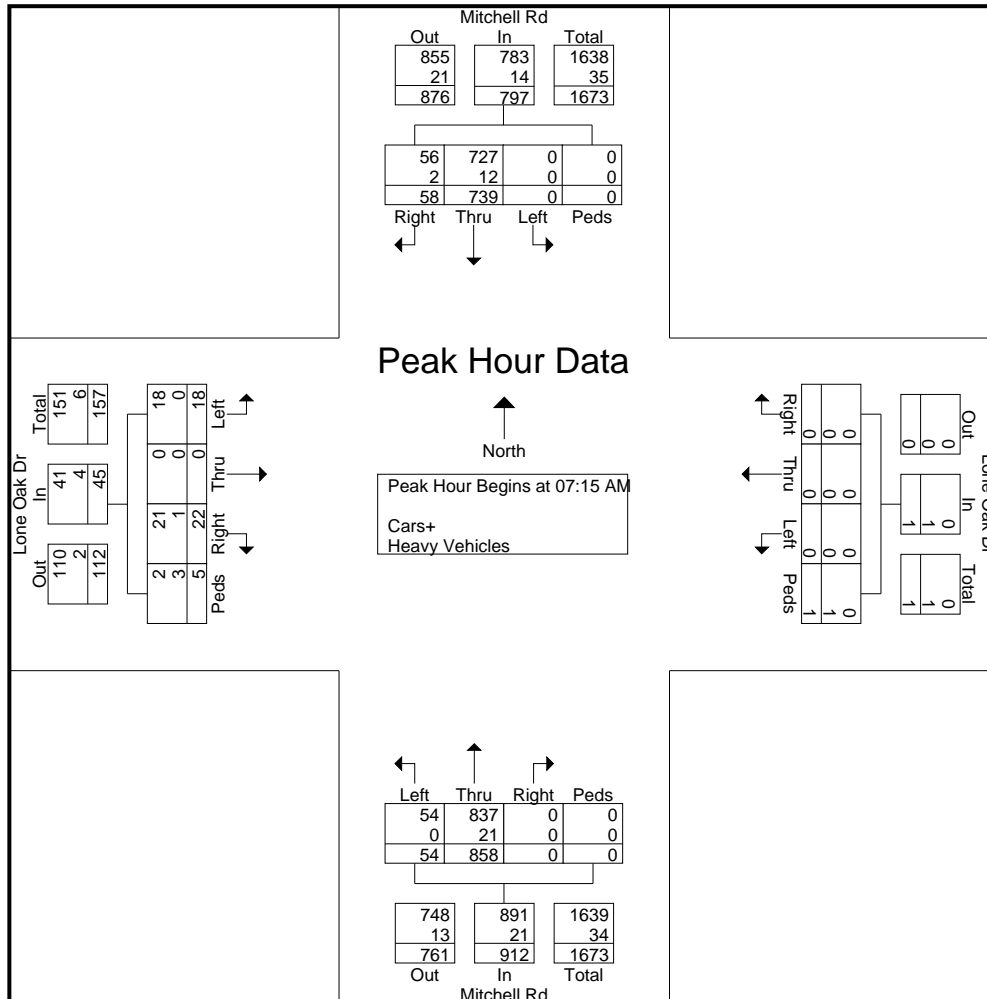
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	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	16	185	0	201	0	0	0	0	0	0	0	218	15	233	2	4	0	5	11	445
07:30 AM	0	19	160	0	179	0	0	0	0	0	0	0	245	13	258	1	4	0	5	10	447
07:45 AM	0	18	207	0	225	1	0	0	0	1	0	0	219	13	232	2	8	0	5	15	473
08:00 AM	0	5	187	0	192	0	0	0	0	0	0	0	176	13	189	0	6	0	3	9	390
Total Volume	0	58	739	0	797	1	0	0	0	1	0	0	858	54	912	5	22	0	18	45	1755
% App. Total	0	7.3	92.7	0	100	0	0	0	0	0	0	0	94.1	5.9	100	11.1	48.9	0	40	100	1755
PHF	.000	.763	.893	.000	.886	.250	.000	.000	.000	.250	.000	.000	.876	.900	.884	.625	.688	.000	.900	.750	.928
Cars+	0	56	727	0	783	0	0	0	0	0	0	0	837	54	891	2	21	0	18	41	1715
% Cars+	0	96.6	98.4	0	98.2	0	0	0	0	0	0	0	97.6	100	97.7	40.0	95.5	0	100	91.1	97.7
Heavy Vehicles	0	2	12	0	14	1	0	0	0	1	0	0	21	0	21	3	1	0	0	4	40
% Heavy Vehicles	0	3.4	1.6	0	1.8	100	0	0	0	100	0	0	2.4	0	2.3	60.0	4.5	0	0	8.9	2.3



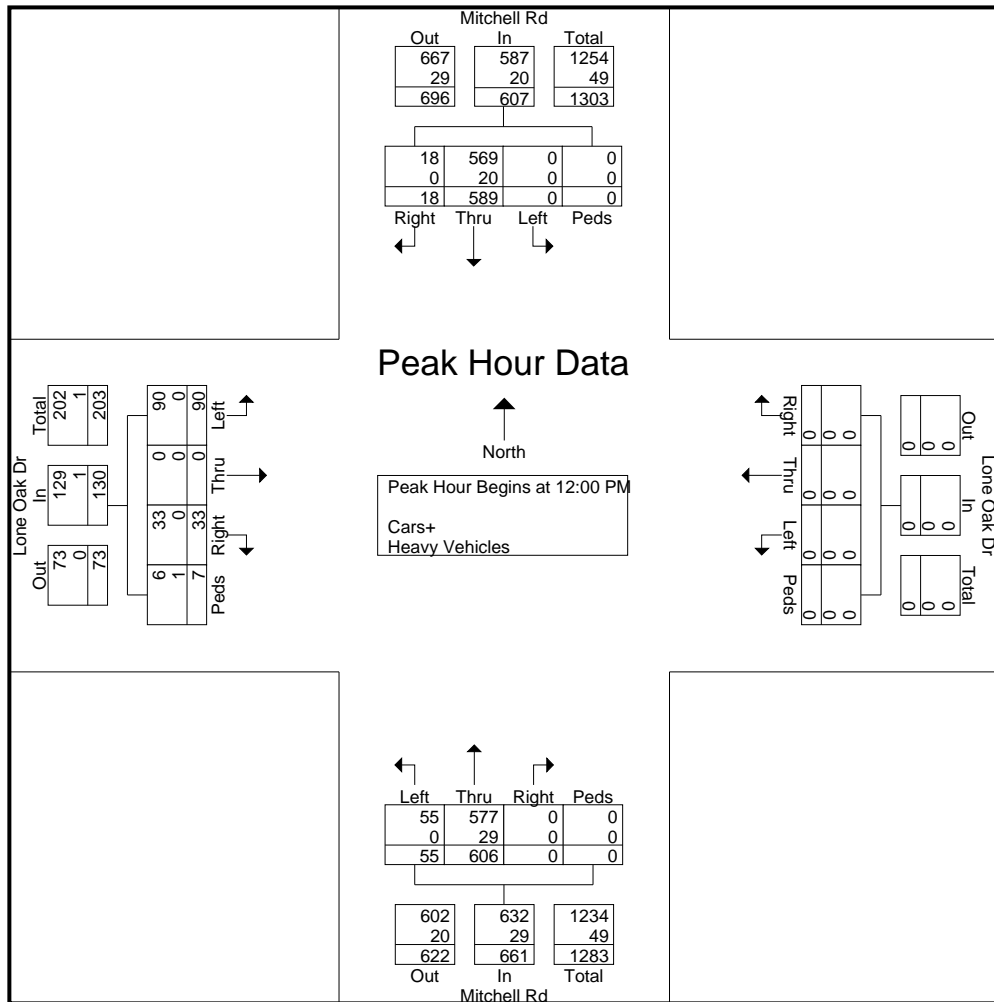
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	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	0	4	165	0	169	0	0	0	0	0	0	0	140	20	160	0	14	0	31	45	374
12:15 PM	0	4	153	0	157	0	0	0	0	0	0	0	144	17	161	0	11	0	16	27	345
12:30 PM	0	4	136	0	140	0	0	0	0	0	0	0	150	10	160	7	5	0	18	30	330
12:45 PM	0	6	135	0	141	0	0	0	0	0	0	0	172	8	180	0	3	0	25	28	349
Total Volume	0	18	589	0	607	0	0	0	0	0	0	0	606	55	661	7	33	0	90	130	1398
% App. Total	0	3	97	0		0	0	0	0		0	0	91.7	8.3		5.4	25.4	0	69.2		
PHF	.000	.750	.892	.000	.898	.000	.000	.000	.000	.000	.000	.000	.881	.688	.918	.250	.589	.000	.726	.722	.934
Cars+	0	18	569	0	587	0	0	0	0	0	0	0	577	55	632	6	33	0	90	129	1348
% Cars+	0	100	96.6	0	96.7	0	0	0	0	0	0	0	95.2	100	95.6	85.7	100	0	100	99.2	96.4
Heavy Vehicles	0	0	20	0	20	0	0	0	0	0	0	0	29	0	29	1	0	0	0	1	50
% Heavy Vehicles	0	0	3.4	0	3.3	0	0	0	0	0	0	0	4.8	0	4.4	14.3	0	0	0	0.8	3.6



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	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	0	4	203	0	207	0	0	0	0	0	0	0	246	9	255	0	16	0	24	40	502
05:00 PM	0	1	232	0	233	0	0	0	0	0	0	0	235	11	246	1	14	0	29	44	523
05:15 PM	0	2	232	0	234	0	0	0	0	0	0	0	243	6	249	2	6	0	11	19	502
05:30 PM	0	1	217	0	218	2	0	0	0	2	0	0	249	6	255	0	8	0	18	26	501
Total Volume	0	8	884	0	892	2	0	0	0	2	0	0	973	32	1005	3	44	0	82	129	2028
% App. Total	0	0.9	99.1	0	100	0	0	0	0	0	0	0	96.8	3.2	100	2.3	34.1	0	63.6	100	2028
PHF	.000	.500	.953	.000	.953	.250	.000	.000	.000	.250	.000	.000	.977	.727	.985	.375	.688	.000	.707	.733	.969
Cars+	0	8	881	0	889	2	0	0	0	2	0	0	962	32	994	1	44	0	81	126	2011
% Cars+	0	100	99.7	0	99.7	100	0	0	0	100	0	0	98.9	100	98.9	33.3	100	0	98.8	97.7	99.2
Heavy Vehicles	0	0	3	0	3	0	0	0	0	0	0	0	11	0	11	2	0	0	1	3	17
% Heavy Vehicles	0	0	0.3	0	0.3	0	0	0	0	0	0	0	1.1	0	1.1	66.7	0	0	1.2	2.3	0.8

