

SRF Consulting Group

1 Carlson Parkway
Plymouth, Minnesota 55447

SRF No. 8765 South Metro Signal Timing
Location: Mitchell Rd and Anderson Lakes
SRF Consulting Group/MnDOT

File Name : Mitchell Rd and Anderson Lakes Parkway
Site Code :
Start Date : 6/11/2013
Page No : 1

Groups Printed- Cars+ - Heavy Vehicles

Start Time	Mitchell Rd Southbound					Anderson Lakes Parkway Westbound					Mitchell Rd Northbound					Scenic Heights Rd 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	6	4	8	18	0	28	4	0	32	1	0	38	0	39	0	0	1	8	9	98
06:15 AM	1	5	8	8	22	1	34	3	0	38	2	2	66	0	70	1	0	2	15	18	148
06:30 AM	0	7	8	15	30	0	64	4	0	68	0	0	91	3	94	2	2	6	16	26	218
06:45 AM	0	10	18	25	53	0	68	8	0	76	2	1	140	2	145	0	0	5	21	26	300
Total	1	28	38	56	123	1	194	19	0	214	5	3	335	5	348	3	2	14	60	79	764
07:00 AM	0	13	19	25	57	0	71	9	3	83	0	3	141	10	154	2	1	2	26	31	325
07:15 AM	0	16	21	33	70	0	100	4	0	104	1	3	156	4	164	2	0	10	20	32	370
07:30 AM	1	23	17	26	67	0	95	6	1	102	0	1	133	7	141	0	1	11	37	49	359
07:45 AM	0	26	39	33	98	2	99	4	0	105	1	4	135	5	145	0	3	18	29	50	398
Total	1	78	96	117	292	2	365	23	4	394	2	11	565	26	604	4	5	41	112	162	1452
08:00 AM	0	20	35	40	95	0	73	9	0	82	0	5	96	9	110	0	1	8	28	37	324
08:15 AM	0	15	24	37	76	0	69	13	1	83	0	5	98	6	109	0	1	10	24	35	303
08:30 AM	0	19	22	40	81	0	68	7	0	75	1	2	85	4	92	1	2	9	15	27	275
08:45 AM	0	18	23	43	84	0	81	8	1	90	1	7	93	11	112	3	2	13	18	36	322
Total	0	72	104	160	336	0	291	37	2	330	2	19	372	30	423	4	6	40	85	135	1224
*** BREAK ***																					
11:00 AM	0	13	41	27	81	5	40	4	0	49	0	0	42	3	45	0	5	11	17	33	208
11:15 AM	0	20	42	37	99	0	38	6	0	44	0	2	38	0	40	0	6	8	23	37	220
11:30 AM	0	11	38	33	82	0	35	10	3	48	0	3	51	3	57	1	3	11	18	33	220
11:45 AM	0	29	53	49	131	0	54	11	2	67	0	2	50	3	55	2	3	13	19	37	290
Total	0	73	174	146	393	5	167	31	5	208	0	7	181	9	197	3	17	43	77	140	938
12:00 PM	0	34	59	51	144	0	56	10	2	68	0	1	50	1	52	0	6	13	22	41	305
12:15 PM	0	23	60	48	131	0	56	18	2	76	0	0	52	2	54	1	5	11	19	36	297
12:30 PM	0	26	44	60	130	0	43	14	1	58	0	2	51	5	58	1	4	9	23	37	283
12:45 PM	0	15	45	42	102	1	54	19	0	74	0	0	77	5	82	0	3	15	18	36	294
Total	0	98	208	201	507	1	209	61	5	276	0	3	230	13	246	2	18	48	82	150	1179
*** BREAK ***																					
03:00 PM	1	16	75	53	145	0	45	12	2	59	1	2	27	2	32	2	0	5	13	20	256
03:15 PM	0	33	56	50	139	2	49	14	2	67	0	2	56	3	61	0	3	8	23	34	301
03:30 PM	0	19	74	44	137	0	47	18	0	65	1	0	39	1	41	0	1	17	26	44	287
03:45 PM	0	46	77	70	193	0	48	18	2	68	0	1	45	0	46	0	7	10	33	50	357
Total	1	114	282	217	614	2	189	62	6	259	2	5	167	6	180	2	11	40	95	148	1201
04:00 PM	0	35	89	60	184	0	59	22	1	82	0	2	48	4	54	1	9	23	36	69	389
04:15 PM	0	34	101	75	210	0	52	14	1	67	0	3	50	2	55	0	8	16	16	40	372
04:30 PM	0	36	122	92	250	0	70	18	4	92	0	5	43	1	49	0	3	13	24	40	431
04:45 PM	1	45	111	93	250	0	73	18	7	98	0	3	62	3	68	0	5	21	28	54	470
Total	1	150	423	320	894	0	254	72	13	339	0	13	203	10	226	1	25	73	104	203	1662
05:00 PM	0	47	130	113	290	2	79	24	6	111	2	1	50	3	56	0	10	18	21	49	506
05:15 PM	1	46	142	101	290	1	76	19	3	99	6	3	55	3	67	0	6	17	21	44	500
05:30 PM	2	37	124	95	258	0	67	24	5	96	1	2	66	3	72	0	10	20	17	47	473
05:45 PM	0	42	121	102	265	2	50	19	2	73	2	3	58	3	66	0	3	17	10	30	434
Total	3	172	517	411	1103	5	272	86	16	379	11	9	229	12	261	0	29	72	69	170	1913
Grand Total	7	785	1842	1628	4262	16	1941	391	51	2399	22	70	2282	111	2485	19	113	371	684	1187	10333
Apprch %	0.2	18.4	43.2	38.2		0.7	80.9	16.3	2.1		0.9	2.8	91.8	4.5		1.6	9.5	31.3	57.6		
Total %	0.1	7.6	17.8	15.8	41.2	0.2	18.8	3.8	0.5	23.2	0.2	0.7	22.1	1.1	24	0.2	1.1	3.6	6.6	11.5	
Cars+	1	776	1816	1601	4194	8	1917	387	50	2362	6	68	2254	110	2438	9	110	371	678	1168	10162
% Cars+	14.3	98.9	98.6	98.3	98.4	50	98.8	99	98	98.5	27.3	97.1	98.8	99.1	98.1	47.4	97.3	100	99.1	98.4	98.3
Heavy Vehicles	6	9	26	27	68	8	24	4	1	37	16	2	28	1	47	10	3	0	6	19	171
% Heavy Vehicles	85.7	1.1	1.4	1.7	1.6	50	1.2	1	2	1.5	72.7	2.9	1.2	0.9	1.9	52.6	2.7	0	0.9	1.6	1.7

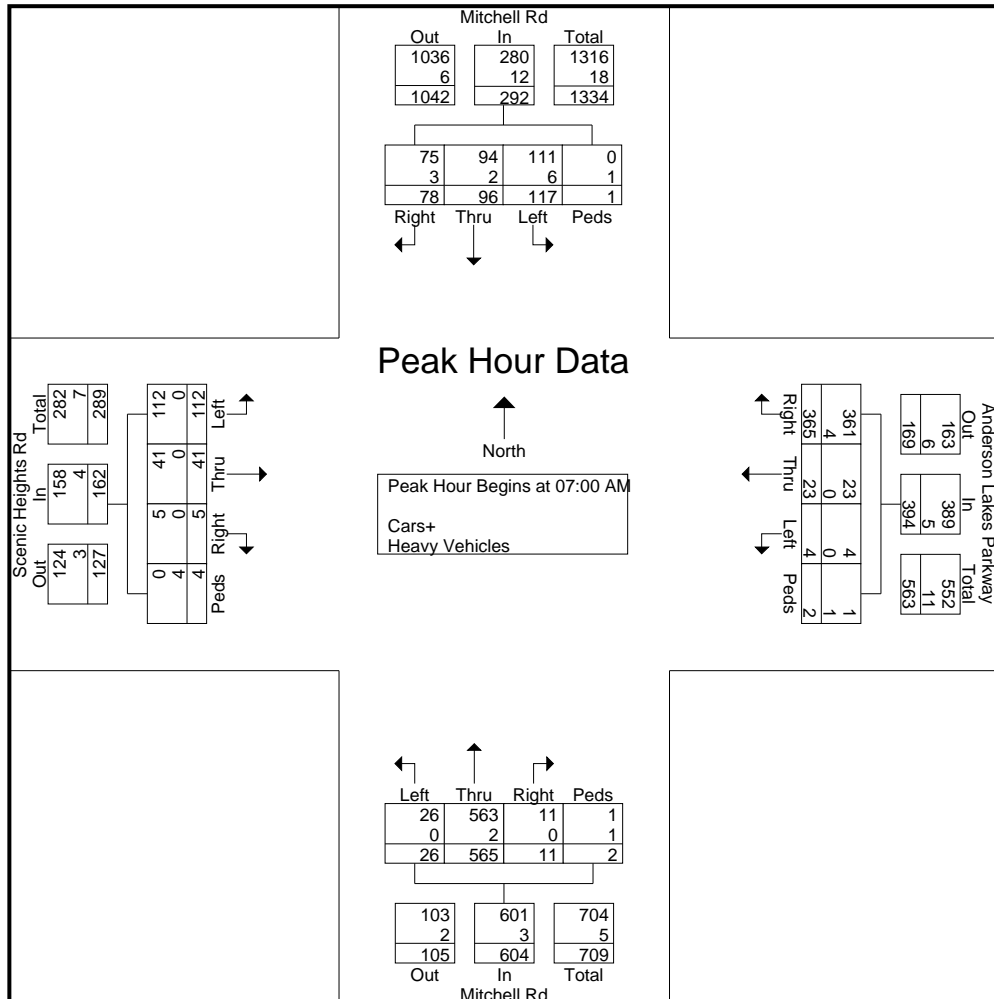
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	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	13	19	25	57	0	71	9	3	83	0	3	141	10	154	2	1	2	26	31	325
07:15 AM	0	16	21	33	70	0	100	4	0	104	1	3	156	4	164	2	0	10	20	32	370
07:30 AM	1	23	17	26	67	0	95	6	1	102	0	1	133	7	141	0	1	11	37	49	359
07:45 AM	0	26	39	33	98	2	99	4	0	105	1	4	135	5	145	0	3	18	29	50	398
Total Volume	1	78	96	117	292	2	365	23	4	394	2	11	565	26	604	4	5	41	112	162	1452
% App. Total	0.3	26.7	32.9	40.1		0.5	92.6	5.8	1		0.3	1.8	93.5	4.3		2.5	3.1	25.3	69.1		
PHF	.250	.750	.615	.886	.745	.250	.913	.639	.333	.938	.500	.688	.905	.650	.921	.500	.417	.569	.757	.810	.912
Cars+	0	75	94	111	280	1	361	23	4	389	1	11	563	26	601	0	5	41	112	158	1428
% Cars+	0	96.2	97.9	94.9	95.9	50.0	98.9	100	100	98.7	50.0	100	99.6	100	99.5	0	100	100	100	97.5	98.3
Heavy Vehicles	1	3	2	6	12	1	4	0	0	5	1	0	2	0	3	4	0	0	0	4	24
% Heavy Vehicles	100	3.8	2.1	5.1	4.1	50.0	1.1	0	0	1.3	50.0	0	0.4	0	0.5	100	0	0	0	2.5	1.7



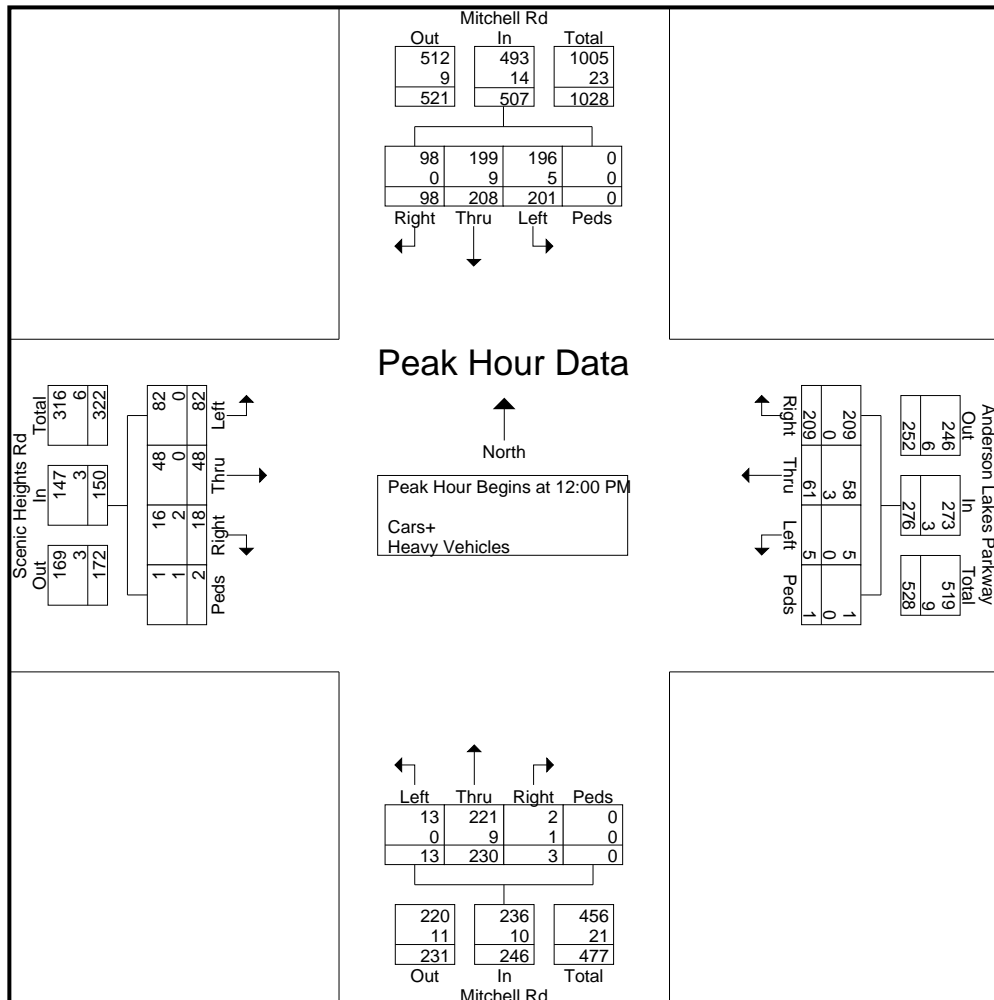
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	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	0	34	59	51	144	0	56	10	2	68	0	1	50	1	52	0	6	13	22	41	305
12:15 PM	0	23	60	48	131	0	56	18	2	76	0	0	52	2	54	1	5	11	19	36	297
12:30 PM	0	26	44	60	130	0	43	14	1	58	0	2	51	5	58	1	4	9	23	37	283
12:45 PM	0	15	45	42	102	1	54	19	0	74	0	0	77	5	82	0	3	15	18	36	294
Total Volume	0	98	208	201	507	1	209	61	5	276	0	3	230	13	246	2	18	48	82	150	1179
% App. Total	0	19.3	41	39.6		0.4	75.7	22.1	1.8		0	1.2	93.5	5.3		1.3	12	32	54.7		
PHF	.000	.721	.867	.838	.880	.250	.933	.803	.625	.908	.000	.375	.747	.650	.750	.500	.750	.800	.891	.915	.966
Cars+	0	98	199	196	493	1	209	58	5	273	0	2	221	13	236	1	16	48	82	147	1149
% Cars+	0	100	95.7	97.5	97.2	100	100	95.1	100	98.9	0	66.7	96.1	100	95.9	50.0	88.9	100	100	98.0	97.5
Heavy Vehicles	0	0	9	5	14	0	0	3	0	3	0	1	9	0	10	1	2	0	0	3	30
% Heavy Vehicles	0	0	4.3	2.5	2.8	0	0	4.9	0	1.1	0	33.3	3.9	0	4.1	50.0	11.1	0	0	2.0	2.5



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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	1	45	111	93	250	0	73	18	7	98	0	3	62	3	68	0	5	21	28	54	470
05:00 PM	0	47	130	113	290	2	79	24	6	111	2	1	50	3	56	0	10	18	21	49	506
05:15 PM	1	46	142	101	290	1	76	19	3	99	6	3	55	3	67	0	6	17	21	44	500
05:30 PM	2	37	124	95	258	0	67	24	5	96	1	2	66	3	72	0	10	20	17	47	473
Total Volume	4	175	507	402	1088	3	295	85	21	404	9	9	233	12	263	0	31	76	87	194	1949
% App. Total	0.4	16.1	46.6	36.9		0.7	73	21	5.2		3.4	3.4	88.6	4.6		0	16	39.2	44.8		
PHF	.500	.931	.893	.889	.938	.375	.934	.885	.750	.910	.375	.750	.883	1.00	.913	.000	.775	.905	.777	.898	.963
Cars+	0	175	507	400	1082	3	293	85	21	402	1	9	231	12	253	0	31	76	87	194	1931
% Cars+	0	100	100	99.5	99.4	100	99.3	100	100	99.5	11.1	100	99.1	100	96.2	0	100	100	100	100	99.1
Heavy Vehicles	4	0	0	2	6	0	2	0	0	2	8	0	2	0	10	0	0	0	0	0	18
% Heavy Vehicles	100	0	0	0.5	0.6	0	0.7	0	0	0.5	88.9	0	0.9	0	3.8	0	0	0	0	0	0.9

