

SRF Consulting Group

1 Carlson Parkway
Plymouth, Minnesota 55447

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

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

Groups Printed- Cars+ - Heavy Vehicles

Start Time	Mitchell Rd Southbound					Technology Drive Westbound					Mitchell Rd Northbound					Technology Drive 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	23	18	26	67	0	3	4	4	11	0	10	48	8	66	0	2	5	3	10	154
06:15 AM	0	22	18	35	75	0	5	1	4	10	0	19	70	10	99	0	4	8	2	14	198
06:30 AM	0	23	23	38	84	0	9	0	3	12	0	19	123	26	168	0	18	14	23	55	319
06:45 AM	0	34	59	48	141	0	13	7	5	25	0	31	143	21	195	0	25	17	14	56	417
Total	0	102	118	147	367	0	30	12	16	58	0	79	384	65	528	0	49	44	42	135	1088
07:00 AM	0	32	68	64	164	0	6	2	8	16	0	45	178	10	233	0	7	22	7	36	449
07:15 AM	0	26	85	53	164	0	14	7	4	25	0	33	282	19	334	0	8	10	2	20	543
07:30 AM	0	44	104	63	211	0	16	7	7	30	0	35	263	31	329	0	4	16	4	24	594
07:45 AM	0	34	103	70	207	0	6	6	10	22	0	27	234	17	278	0	12	15	8	35	542
Total	0	136	360	250	746	0	42	22	29	93	0	140	957	77	1174	0	31	63	21	115	2128
08:00 AM	0	39	85	65	189	0	20	8	8	36	0	20	154	10	184	0	12	20	6	38	447
08:15 AM	0	25	72	44	141	0	4	6	4	14	0	18	128	7	153	0	9	11	1	21	329
08:30 AM	0	32	87	50	169	0	4	3	5	12	0	24	153	14	191	0	15	3	8	26	398
08:45 AM	1	30	86	43	160	0	18	5	8	31	0	27	126	24	177	0	12	6	5	23	391
Total	1	126	330	202	659	0	46	22	25	93	0	89	561	55	705	0	48	40	20	108	1565
*** BREAK ***																					
11:00 AM	0	13	57	31	101	0	16	4	10	30	2	10	79	9	100	0	13	22	31	66	297
11:15 AM	0	17	59	45	121	0	24	12	7	43	0	28	81	5	114	0	10	21	12	43	321
11:30 AM	0	17	77	29	123	0	28	10	25	63	1	23	87	8	119	0	19	24	19	62	367
11:45 AM	0	15	108	25	148	0	44	18	17	79	0	23	88	11	122	0	4	14	18	36	385
Total	0	62	301	130	493	0	112	44	59	215	3	84	335	33	455	0	46	81	80	207	1370
12:00 PM	0	22	75	39	136	0	40	22	21	83	0	9	76	13	98	0	10	30	15	55	372
12:15 PM	0	13	81	37	131	0	39	19	26	84	1	10	79	11	101	0	17	12	25	54	370
12:30 PM	0	14	80	40	134	0	31	18	21	70	0	12	91	9	112	0	9	17	14	40	356
12:45 PM	0	22	81	26	129	0	32	19	22	73	0	9	94	13	116	0	8	1	9	18	336
Total	0	71	317	142	530	0	142	78	90	310	1	40	340	46	427	0	44	60	63	167	1434
*** BREAK ***																					
03:00 PM	0	7	110	20	137	0	86	18	28	132	0	8	89	4	101	0	13	13	16	42	412
03:15 PM	0	16	88	17	121	0	55	8	20	83	0	9	80	12	101	0	8	5	18	31	336
03:30 PM	0	11	116	17	144	0	65	22	41	128	0	9	112	15	136	0	24	13	44	81	489
03:45 PM	0	13	124	30	167	0	39	16	22	77	0	18	125	13	156	0	23	9	35	67	467
Total	0	47	438	84	569	0	245	64	111	420	0	44	406	44	494	0	68	40	113	221	1704
04:00 PM	0	10	130	24	164	0	72	17	18	107	0	6	117	13	136	0	21	11	49	81	488
04:15 PM	1	13	134	21	169	0	69	17	28	114	0	14	119	18	151	1	28	14	32	75	509
04:30 PM	0	10	159	16	185	0	69	18	32	119	0	10	134	8	152	0	20	16	47	83	539
04:45 PM	0	5	197	25	227	0	81	16	34	131	0	14	125	2	141	0	19	6	23	48	547
Total	1	38	620	86	745	0	291	68	112	471	0	44	495	41	580	1	88	47	151	287	2083
05:00 PM	0	8	220	16	244	0	80	16	34	130	0	11	131	12	154	0	25	7	47	79	607
05:15 PM	0	9	194	28	231	1	100	14	45	160	0	21	102	8	131	2	19	8	34	63	585
05:30 PM	1	9	177	18	205	0	83	22	48	153	0	7	115	8	130	0	6	11	18	35	523
05:45 PM	0	4	176	25	205	0	59	9	37	105	0	12	129	6	147	0	8	3	18	29	486
Total	1	30	767	87	885	1	322	61	164	548	0	51	477	34	562	2	58	29	117	206	2201
Grand Total	3	612	3251	1128	4994	1	1230	371	606	2208	4	571	3955	395	4925	3	432	404	607	1446	13573
Apprch %	0.1	12.3	65.1	22.6		0	55.7	16.8	27.4		0.1	11.6	80.3	8		0.2	29.9	27.9	42		
Total %	0	4.5	24	8.3	36.8	0	9.1	2.7	4.5	16.3	0	4.2	29.1	2.9	36.3	0	3.2	3	4.5	10.7	
Cars+	2	547	3195	1106	4850	1	1207	343	599	2150	4	565	3895	324	4788	2	355	376	551	1284	13072
% Cars+	66.7	89.4	98.3	98	97.1	100	98.1	92.5	98.8	97.4	100	98.9	98.5	82	97.2	66.7	82.2	93.1	90.8	88.8	96.3
Heavy Vehicles	1	65	56	22	144	0	23	28	7	58	0	6	60	71	137	1	77	28	56	162	501
% Heavy Vehicles	33.3	10.6	1.7	2	2.9	0	1.9	7.5	1.2	2.6	0	1.1	1.5	18	2.8	33.3	17.8	6.9	9.2	11.2	3.7

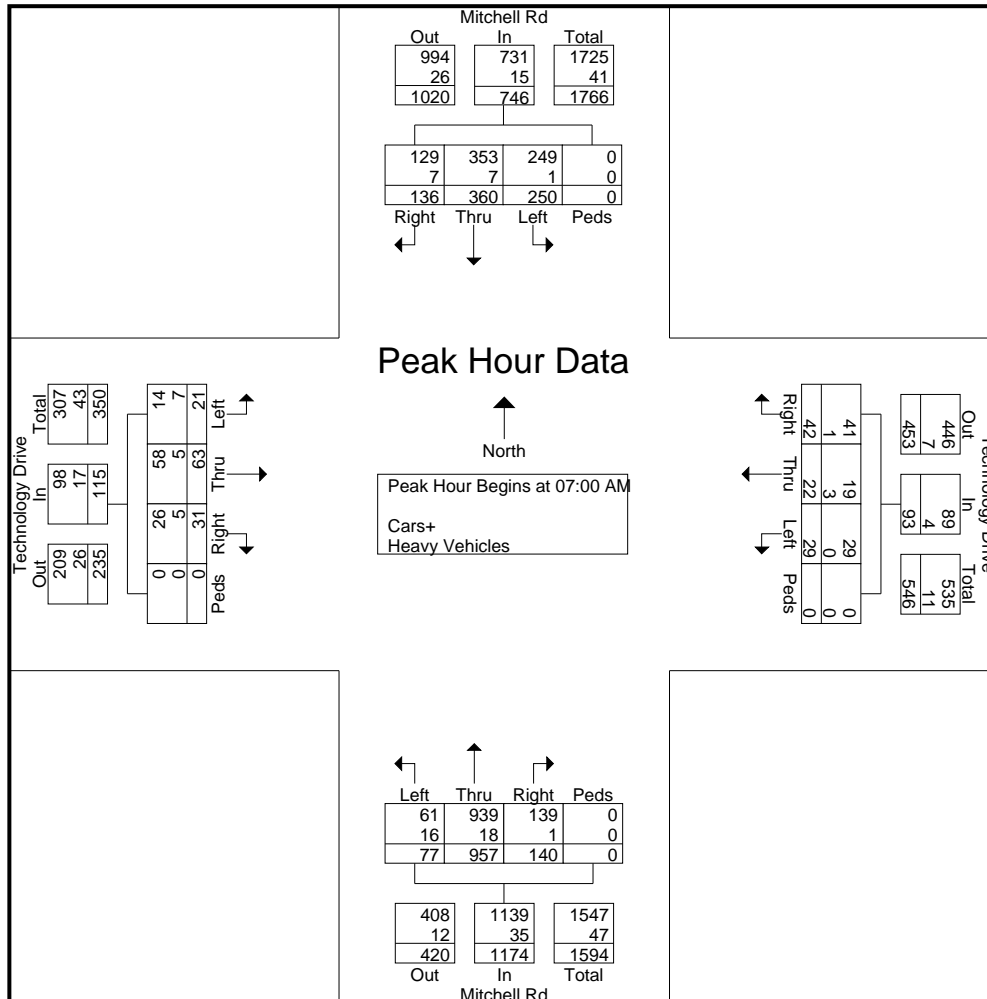
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	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	32	68	64	164	0	6	2	8	16	0	45	178	10	233	0	7	22	7	36	449
07:15 AM	0	26	85	53	164	0	14	7	4	25	0	33	282	19	334	0	8	10	2	20	543
07:30 AM	0	44	104	63	211	0	16	7	7	30	0	35	263	31	329	0	4	16	4	24	594
07:45 AM	0	34	103	70	207	0	6	6	10	22	0	27	234	17	278	0	12	15	8	35	542
Total Volume	0	136	360	250	746	0	42	22	29	93	0	140	957	77	1174	0	31	63	21	115	2128
% App. Total	0	18.2	48.3	33.5		0	45.2	23.7	31.2		0	11.9	81.5	6.6		0	27	54.8	18.3		
PHF	.000	.773	.865	.893	.884	.000	.656	.786	.725	.775	.000	.778	.848	.621	.879	.000	.646	.716	.656	.799	.896
Cars+	0	129	353	249	731	0	41	19	29	89	0	139	939	61	1139	0	26	58	14	98	2057
% Cars+	0	94.9	98.1	99.6	98.0	0	97.6	86.4	100	95.7	0	99.3	98.1	79.2	97.0	0	83.9	92.1	66.7	85.2	96.7
Heavy Vehicles	0	7	7	1	15	0	1	3	0	4	0	1	18	16	35	0	5	5	7	17	71
% Heavy Vehicles	0	5.1	1.9	0.4	2.0	0	2.4	13.6	0	4.3	0	0.7	1.9	20.8	3.0	0	16.1	7.9	33.3	14.8	3.3



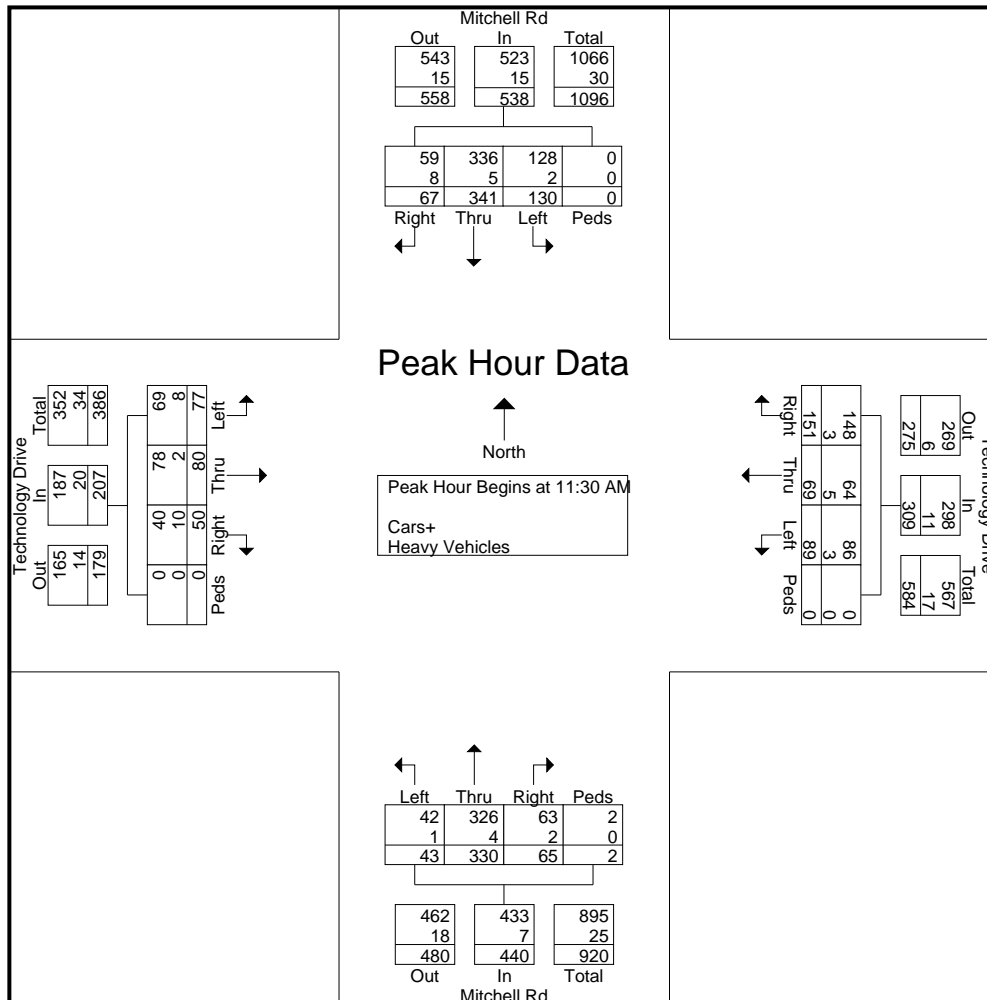
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	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
Peak Hour Analysis From 11:00 AM to 12:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:30 AM																					
11:30 AM	0	17	77	29	123	0	28	10	25	63	1	23	87	8	119	0	19	24	19	62	367
11:45 AM	0	15	108	25	148	0	44	18	17	79	0	23	88	11	122	0	4	14	18	36	385
12:00 PM	0	22	75	39	136	0	40	22	21	83	0	9	76	13	98	0	10	30	15	55	372
12:15 PM	0	13	81	37	131	0	39	19	26	84	1	10	79	11	101	0	17	12	25	54	370
Total Volume	0	67	341	130	538	0	151	69	89	309	2	65	330	43	440	0	50	80	77	207	1494
% App. Total	0	12.5	63.4	24.2		0	48.9	22.3	28.8		0.5	14.8	75	9.8		0	24.2	38.6	37.2		
PHF	.000	.761	.789	.833	.909	.000	.858	.784	.856	.920	.500	.707	.938	.827	.902	.000	.658	.667	.770	.835	.970
Cars+	0	59	336	128	523	0	148	64	86	298	2	63	326	42	433	0	40	78	69	187	1441
% Cars+	0	88.1	98.5	98.5	97.2	0	98.0	92.8	96.6	96.4	100	96.9	98.8	97.7	98.4	0	80.0	97.5	89.6	90.3	96.5
Heavy Vehicles	0	8	5	2	15	0	3	5	3	11	0	2	4	1	7	0	10	2	8	20	53
% Heavy Vehicles	0	11.9	1.5	1.5	2.8	0	2.0	7.2	3.4	3.6	0	3.1	1.2	2.3	1.6	0	20.0	2.5	10.4	9.7	3.5



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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 04:30 PM																					
04:30 PM	0	10	159	16	185	0	69	18	32	119	0	10	134	8	152	0	20	16	47	83	539
04:45 PM	0	5	197	25	227	0	81	16	34	131	0	14	125	2	141	0	19	6	23	48	547
05:00 PM	0	8	220	16	244	0	80	16	34	130	0	11	131	12	154	0	25	7	47	79	607
05:15 PM	0	9	194	28	231	1	100	14	45	160	0	21	102	8	131	2	19	8	34	63	585
Total Volume	0	32	770	85	887	1	330	64	145	540	0	56	492	30	578	2	83	37	151	273	2278
% App. Total	0	3.6	86.8	9.6		0.2	61.1	11.9	26.9		0	9.7	85.1	5.2		0.7	30.4	13.6	55.3		
PHF	.000	.800	.875	.759	.909	.250	.825	.889	.806	.844	.000	.667	.918	.625	.938	.250	.830	.578	.803	.822	.938
Cars+	0	25	769	84	878	1	326	61	144	532	0	56	491	25	572	1	81	35	146	263	2245
% Cars+	0	78.1	99.9	98.8	99.0	100	98.8	95.3	99.3	98.5	0	100	99.8	83.3	99.0	50.0	97.6	94.6	96.7	96.3	98.6
Heavy Vehicles	0	7	1	1	9	0	4	3	1	8	0	0	1	5	6	1	2	2	5	10	33
% Heavy Vehicles	0	21.9	0.1	1.2	1.0	0	1.2	4.7	0.7	1.5	0	0	0.2	16.7	1.0	50.0	2.4	5.4	3.3	3.7	1.4

