



Traffic Data Inc

PO Box 16296
St. Louis Park, MN 55416

File Name : 9 - Hwy 10-169 & Sunfish Lake Blvd, 4-24-13, 12am-12am

Site Code : 9

Start Date : 5/24/2013

Page No : 1

Groups Printed- Cars + - Trucks

Start Time	Sunfish Lake Blvd From North						Hwy10-169 From East						Sunfish Lake Blvd From South						Hwy10-169 From West						Int. Total	
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total		
12:00 AM	2	0	3	0	0	5	8	48	0	1	0	57	0	0	0	0	0	0	0	0	19	2	0	0	21	83
12:15 AM	0	0	3	1	0	4	5	47	0	0	0	52	0	0	0	0	0	0	0	0	20	0	0	0	20	76
12:30 AM	3	0	1	2	0	6	10	25	2	1	0	38	0	0	0	0	0	0	0	0	10	0	0	0	10	54
12:45 AM	1	0	3	0	0	4	3	20	0	1	0	24	0	0	0	0	0	0	0	0	16	0	0	0	16	44
Total	6	0	10	3	0	19	26	140	2	3	0	171	0	0	0	0	0	0	0	0	65	2	0	0	67	257
01:00 AM	2	0	5	1	0	8	2	39	0	0	0	41	0	0	0	0	0	0	0	0	15	0	0	0	15	64
01:15 AM	4	2	3	0	0	9	3	37	0	1	0	41	0	0	0	0	0	0	0	0	17	0	0	0	17	67
01:30 AM	3	0	14	0	0	17	2	24	0	0	0	26	0	0	0	0	0	0	0	0	16	0	0	0	16	59
01:45 AM	4	0	3	0	0	7	5	27	0	0	0	32	0	1	0	0	0	0	1	0	18	1	0	0	19	59
Total	13	2	25	1	0	41	12	127	0	1	0	140	0	1	0	0	0	0	1	0	66	1	0	0	67	249
02:00 AM	8	0	27	0	0	35	2	22	0	0	0	24	0	0	0	0	0	0	0	0	14	0	0	0	14	73
02:15 AM	1	0	1	0	0	2	4	19	0	0	0	23	0	0	0	0	0	0	0	0	19	1	0	0	20	45
02:30 AM	1	0	12	0	0	13	1	19	0	0	0	20	0	0	0	0	0	0	0	0	15	0	0	0	15	48
02:45 AM	1	0	1	0	0	2	3	12	0	0	0	15	0	0	0	0	0	0	0	0	18	1	0	0	19	36
Total	11	0	41	0	0	52	10	72	0	0	0	82	0	0	0	0	0	0	0	0	66	2	0	0	68	202
03:00 AM	1	0	12	0	0	13	2	22	0	0	0	24	0	0	0	0	0	0	0	0	21	1	0	0	22	59
03:15 AM	2	0	12	0	0	14	1	15	0	0	0	16	1	0	0	0	0	0	1	0	30	0	0	0	30	61
03:30 AM	0	0	6	0	0	6	3	13	0	0	0	16	0	0	0	0	0	0	0	0	44	1	0	0	45	67
03:45 AM	1	0	4	0	0	5	6	13	0	0	0	19	0	0	0	0	0	0	0	0	38	0	0	0	38	62
Total	4	0	34	0	0	38	12	63	0	0	0	75	1	0	0	0	0	0	1	0	133	2	0	0	135	249
04:00 AM	1	0	8	0	0	9	3	21	0	0	0	24	1	0	0	0	0	0	1	0	56	1	0	0	57	91
04:15 AM	0	0	7	0	0	7	10	34	0	0	0	44	0	0	0	0	0	0	0	0	105	6	0	0	111	162
04:30 AM	3	0	10	0	0	13	19	24	0	0	0	43	1	0	0	0	0	0	1	0	127	15	0	0	142	199
04:45 AM	6	0	20	0	0	26	46	27	0	1	0	74	0	0	0	0	0	0	0	0	161	23	0	0	184	284
Total	10	0	45	0	0	55	78	106	0	1	0	185	2	0	0	0	0	0	2	0	449	45	0	0	494	736
05:00 AM	2	0	13	0	0	15	23	38	0	0	0	61	2	0	0	0	0	0	2	0	186	4	0	0	190	268
05:15 AM	7	0	38	0	0	45	11	72	0	0	0	83	3	1	0	0	0	0	4	0	288	9	0	0	297	429
05:30 AM	6	0	57	0	0	63	31	79	0	0	0	110	3	0	0	0	0	0	3	0	378	14	0	0	392	568
05:45 AM	3	0	51	0	0	54	51	89	1	0	0	141	2	3	0	0	0	0	5	0	346	21	0	0	367	567
Total	18	0	159	0	0	177	116	278	1	0	0	395	10	4	0	0	0	0	14	0	1198	48	0	0	1246	1832
06:00 AM	5	0	73	0	0	78	18	94	2	0	0	114	12	1	1	0	0	0	14	0	447	21	0	0	468	674
06:15 AM	6	1	96	0	0	103	20	128	1	0	0	149	8	0	0	0	0	0	8	0	569	25	0	0	594	854
06:30 AM	3	0	83	0	0	86	17	196	2	0	0	215	14	2	0	0	0	0	16	0	606	25	0	0	631	948
06:45 AM	5	2	87	0	0	94	47	203	5	0	0	255	14	5	1	0	0	0	20	0	583	19	0	0	602	971
Total	19	3	339	0	0	361	102	621	10	0	0	733	48	8	2	0	0	0	58	0	2205	90	0	0	2295	3447
07:00 AM	9	1	82	0	0	92	27	186	3	1	0	217	18	3	0	0	0	0	21	0	516	17	0	0	533	863



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Groups Printed- Cars + - Trucks

Start Time	Sunfish Lake Blvd From North						Hwy10-169 From East						Sunfish Lake Blvd From South						Hwy10-169 From West						Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
07:15 AM	5	0	92	0	0	97	17	260	1	0	0	278	12	9	2	0	0	23	0	565	21	0	0	586	984
07:30 AM	8	3	106	0	0	117	18	278	4	2	0	302	11	5	1	0	0	17	0	614	15	0	0	629	1065
07:45 AM	5	0	67	0	0	72	36	251	7	4	0	298	13	3	3	0	0	19	0	506	31	0	0	537	926
Total	27	4	347	0	0	378	98	975	15	7	0	1095	54	20	6	0	0	80	0	2201	84	0	0	2285	3838
08:00 AM	9	3	75	0	0	87	23	257	6	2	0	288	8	2	2	0	0	12	1	451	17	0	0	469	856
08:15 AM	3	1	63	0	0	67	32	232	3	4	0	271	5	3	1	0	0	9	0	414	19	0	0	433	780
08:30 AM	8	1	58	0	0	67	36	218	0	1	0	255	11	2	0	0	0	13	2	394	12	0	0	408	743
08:45 AM	12	1	58	0	0	71	37	218	7	2	0	264	5	0	4	0	0	9	1	374	13	0	0	388	732
Total	32	6	254	0	0	292	128	925	16	9	0	1078	29	7	7	0	0	43	4	1633	61	0	0	1698	3111
09:00 AM	5	0	55	0	0	60	34	231	2	3	0	270	6	4	1	0	0	11	2	341	15	0	0	358	699
09:15 AM	8	1	51	0	0	60	33	219	3	2	0	257	4	0	1	0	0	5	1	355	13	0	0	369	691
09:30 AM	5	1	49	0	0	55	18	186	5	4	0	213	1	0	1	0	0	2	1	311	11	0	0	323	593
09:45 AM	11	0	51	0	0	62	21	234	1	4	0	260	7	0	1	0	0	8	1	331	5	0	0	337	667
Total	29	2	206	0	0	237	106	870	11	13	0	1000	18	4	4	0	0	26	5	1338	44	0	0	1387	2650
10:00 AM	12	1	51	0	0	64	24	194	1	2	0	221	3	1	3	0	0	7	1	263	12	0	0	276	568
10:15 AM	15	1	43	0	0	59	28	218	4	1	0	251	4	0	2	0	0	6	0	275	12	0	0	287	603
10:30 AM	8	0	55	0	0	63	45	235	4	0	0	284	4	0	0	0	0	4	0	269	10	0	0	279	630
10:45 AM	5	3	30	0	1	39	40	203	1	1	0	245	6	3	0	0	0	9	0	280	18	1	0	299	592
Total	40	5	179	0	1	225	137	850	10	4	0	1001	17	4	5	0	0	26	1	1087	52	1	0	1141	2393
11:00 AM	1	4	65	0	0	70	9	192	8	5	1	215	3	1	1	0	0	5	0	207	13	1	0	221	511
11:15 AM	9	3	48	1	0	61	7	190	1	1	0	199	5	0	0	0	0	5	2	243	16	0	0	261	526
11:30 AM	10	2	75	0	0	87	14	169	6	1	0	190	9	0	1	0	0	10	4	227	12	1	0	244	531
11:45 AM	24	2	55	2	0	83	13	192	4	3	0	212	4	0	2	0	0	6	2	255	23	1	0	281	582
Total	44	11	243	3	0	301	43	743	19	10	1	816	21	1	4	0	0	26	8	932	64	3	0	1007	2150
12:00 PM	30	4	71	2	1	108	11	162	4	3	1	181	13	0	3	0	0	16	0	234	31	2	0	267	572
12:15 PM	9	39	50	2	0	100	49	229	11	5	1	295	13	50	7	0	0	70	8	225	25	0	0	258	723
12:30 PM	21	3	56	6	1	87	42	283	13	3	0	341	9	1	0	0	0	10	1	257	17	0	0	275	713
12:45 PM	13	1	55	2	0	71	52	257	6	3	0	318	8	0	0	0	0	8	4	286	17	2	0	309	706
Total	73	47	232	12	2	366	154	931	34	14	2	1135	43	51	10	0	0	104	13	1002	90	4	0	1109	2714
01:00 PM	16	3	63	4	0	86	56	295	2	5	0	358	10	3	0	0	0	13	2	235	7	1	0	245	702
01:15 PM	16	0	54	2	0	72	68	292	6	3	0	369	9	4	2	0	0	15	2	250	12	1	0	265	721
01:30 PM	15	0	50	1	0	66	65	284	0	1	0	350	1	0	0	0	0	1	2	246	18	2	0	268	685
01:45 PM	16	3	54	1	0	74	63	292	4	7	0	366	2	1	3	0	0	6	2	277	12	0	0	291	737
Total	63	6	221	8	0	298	252	1163	12	16	0	1443	22	8	5	0	0	35	8	1008	49	4	0	1069	2845
02:00 PM	18	1	66	2	0	87	47	339	5	1	0	392	5	4	1	0	0	10	1	272	9	0	0	282	771
02:15 PM	10	2	49	1	0	62	53	367	1	1	0	422	9	2	5	0	0	16	1	278	14	1	0	294	794
02:30 PM	20	9	54	0	0	83	62	430	4	4	0	500	3	5	2	0	0	10	0	301	23	1	0	325	918



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Start Time	Sunfish Lake Blvd From North						Hwy10-169 From East						Sunfish Lake Blvd From South						Hwy10-169 From West						Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
02:45 PM	17	3	57	0	0	77	76	430	3	2	0	511	5	2	1	0	0	8	1	318	18	0	0	337	933
Total	65	15	226	3	0	309	238	1566	13	8	0	1825	22	13	9	0	0	44	3	1169	64	2	0	1238	3416
03:00 PM	18	2	59	0	0	79	57	504	3	2	0	566	3	4	1	0	0	8	0	277	19	0	0	296	949
03:15 PM	17	4	55	1	0	77	65	505	9	4	0	583	7	7	1	0	0	15	2	326	18	2	1	349	1024
03:30 PM	46	11	110	3	0	170	61	512	5	3	0	581	15	6	1	0	1	23	1	306	15	3	0	325	1099
03:45 PM	29	2	92	0	0	123	66	527	9	1	0	603	5	3	1	0	0	9	1	319	22	3	1	346	1081
Total	110	19	316	4	0	449	249	2048	26	10	0	2333	30	20	4	0	1	55	4	1228	74	8	2	1316	4153
04:00 PM	37	8	85	2	0	132	68	529	7	1	0	605	4	6	4	0	0	14	1	308	20	0	0	329	1080
04:15 PM	23	7	78	1	0	109	71	544	9	3	0	627	7	1	1	0	0	9	1	350	19	0	0	370	1115
04:30 PM	28	11	122	2	0	163	42	533	8	4	0	587	13	4	3	0	0	20	1	364	18	0	0	383	1153
04:45 PM	26	1	111	0	0	138	48	571	3	1	0	623	12	5	1	1	0	19	0	375	20	2	0	397	1177
Total	114	27	396	5	0	542	229	2177	27	9	0	2442	36	16	9	1	0	62	3	1397	77	2	0	1479	4525
05:00 PM	21	8	114	1	0	144	57	558	6	1	0	622	7	2	3	0	0	12	0	316	18	2	0	336	1114
05:15 PM	33	11	90	0	0	134	48	516	8	3	0	575	6	2	1	0	0	9	1	315	20	1	0	337	1055
05:30 PM	15	7	72	1	0	95	47	460	5	3	0	515	3	1	1	0	0	5	0	299	13	3	0	315	930
05:45 PM	10	6	54	1	0	71	57	489	2	1	0	549	5	2	0	0	0	7	2	225	10	1	0	238	865
Total	79	32	330	3	0	444	209	2023	21	8	0	2261	21	7	5	0	0	33	3	1155	61	7	0	1226	3964
06:00 PM	13	3	61	0	0	77	56	422	3	2	0	483	8	4	1	0	0	13	1	241	12	0	0	254	827
06:15 PM	16	1	53	1	0	71	70	414	1	0	0	485	8	8	1	0	0	17	1	254	12	1	2	270	843
06:30 PM	12	4	58	1	0	75	50	374	5	6	0	435	5	2	1	0	0	8	0	236	1	2	0	239	757
06:45 PM	13	3	36	2	0	54	45	333	5	0	0	383	3	7	2	0	0	12	1	173	19	0	0	193	642
Total	54	11	208	4	0	277	221	1543	14	8	0	1786	24	21	5	0	0	50	3	904	44	3	2	956	3069
07:00 PM	14	6	37	1	0	58	34	322	10	0	0	366	5	1	0	0	0	6	1	170	11	0	0	182	612
07:15 PM	11	6	34	1	0	52	42	309	7	2	0	360	4	0	2	0	0	6	0	181	9	0	0	190	608
07:30 PM	6	0	22	5	0	33	36	277	4	2	0	319	2	3	0	0	0	5	0	152	4	0	2	158	515
07:45 PM	6	1	31	1	0	39	30	237	5	0	0	272	4	1	1	0	0	6	0	128	7	0	0	135	452
Total	37	13	124	8	0	182	142	1145	26	4	0	1317	15	5	3	0	0	23	1	631	31	0	2	665	2187
08:00 PM	11	0	36	2	0	49	22	232	3	1	0	258	2	5	1	0	0	8	0	151	5	0	0	156	471
08:15 PM	7	2	23	2	0	34	37	254	4	1	0	296	7	1	0	0	0	8	0	106	8	0	0	114	452
08:30 PM	5	1	14	2	0	22	32	249	5	5	0	291	1	1	0	0	0	2	0	136	10	0	0	146	461
08:45 PM	13	1	14	0	0	28	33	232	1	4	0	270	0	2	0	0	0	2	0	91	4	0	0	95	395
Total	36	4	87	6	0	133	124	967	13	11	0	1115	10	9	1	0	0	20	0	484	27	0	0	511	1779
09:00 PM	3	2	23	0	0	28	31	215	2	1	0	249	4	0	1	0	0	5	0	92	5	2	0	99	381
09:15 PM	2	2	14	0	0	18	25	159	2	4	0	190	4	2	0	0	0	6	1	105	8	1	0	115	329
09:30 PM	2	2	19	2	0	25	27	186	2	5	0	220	4	4	0	0	0	8	2	135	3	2	0	142	395
09:45 PM	1	1	14	1	0	17	22	142	1	3	0	168	9	2	0	0	0	11	0	83	8	0	0	91	287
Total	8	7	70	3	0	88	105	702	7	13	0	827	21	8	1	0	0	30	3	415	24	5	0	447	1392



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Groups Printed- Cars + - Trucks

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10:00 PM	2	0	37	3	0	42	13	132	1	5	0	151	5	0	0	0	0	5	1	84	2	1	0	88	286
10:15 PM	4	0	13	0	0	17	14	130	0	6	0	150	2	0	0	0	0	2	1	77	9	1	0	88	257
10:30 PM	2	0	20	0	0	22	12	110	0	1	0	123	1	2	1	0	0	4	0	65	2	0	0	67	216
10:45 PM	3	0	8	0	0	11	15	66	1	2	0	84	0	2	0	0	0	2	0	44	5	0	0	49	146
Total	11	0	78	3	0	92	54	438	2	14	0	508	8	4	1	0	0	13	2	270	18	2	0	292	905
11:00 PM	3	0	7	0	0	10	5	97	2	1	0	105	1	0	0	0	0	1	0	39	1	0	0	40	156
11:15 PM	1	0	20	0	0	21	12	85	0	1	0	98	2	0	0	0	0	2	0	51	5	0	0	56	177
11:30 PM	0	0	15	0	0	15	4	85	4	3	0	96	0	1	0	0	0	1	0	28	1	0	0	29	141
11:45 PM	1	0	5	1	0	7	6	67	1	0	0	74	0	0	0	0	0	0	0	20	2	0	0	22	103
Total	5	0	47	1	0	53	27	334	7	5	0	373	3	1	0	0	0	4	0	138	9	0	0	147	577
Grand Total	908	214	4217	67	3	5409	2872	20807	286	168	3	24136	455	212	81	1	1	750	61	21174	1063	41	6	22345	52640
Apprch %	16.8	4	78	1.2	0.1		11.9	86.2	1.2	0.7	0		60.7	28.3	10.8	0.1	0.1		0.3	94.8	4.8	0.2	0		
Total %	1.7	0.4	8	0.1	0	10.3	5.5	39.5	0.5	0.3	0	45.9	0.9	0.4	0.2	0	0	1.4	0.1	40.2	2	0.1	0	42.4	
Cars +	851	204	3956	66	3	5080	2690	20113	275	165	3	23246	451	208	76	1	1	737	58	20319	998	40	6	21421	50484
% Cars +	93.7	95.3	93.8	98.5	100	93.9	93.7	96.7	96.2	98.2	100	96.3	99.1	98.1	93.8	100	100	98.3	95.1	96	93.9	97.6	100	95.9	95.9
Trucks	57	10	261	1	0	329	182	694	11	3	0	890	4	4	5	0	0	13	3	855	65	1	0	924	2156
% Trucks	6.3	4.7	6.2	1.5	0	6.1	6.3	3.3	3.8	1.8	0	3.7	0.9	1.9	6.2	0	0	1.7	4.9	4	6.1	2.4	0	4.1	4.1



Traffic Data Inc

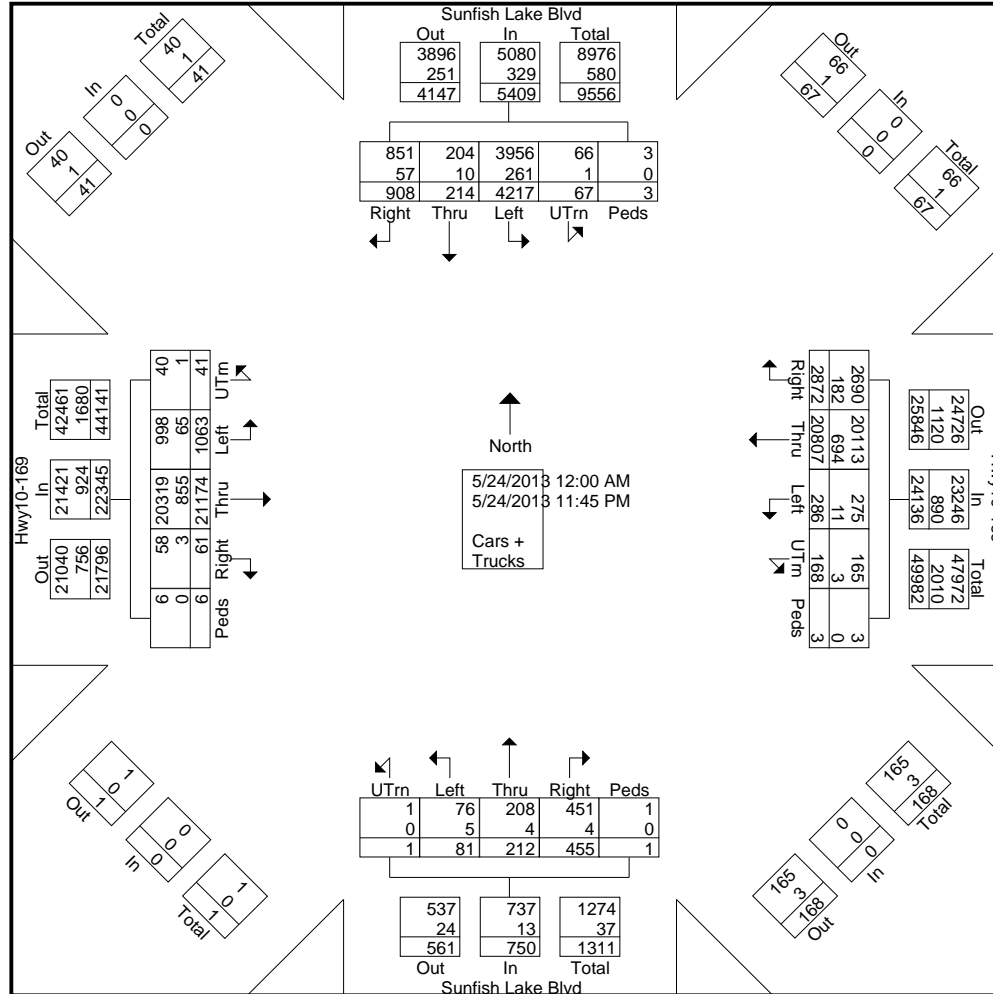
PO Box 16296
St. Louis Park, MN 55416

File Name : 9 - Hwy 10-169 & Sunfish Lake Blvd, 4-24-13, 12am-12am

Site Code : 9

Start Date : 5/24/2013

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Traffic Data Inc

PO Box 16296
St. Louis Park, MN 55416

File Name : 9 - Hwy 10-169 & Sunfish Lake Blvd, 4-24-13, 12am-12am

Site Code : 9

Start Date : 5/24/2013

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Start Time	Sunfish Lake Blvd From North						Hwy10-169 From East						Sunfish Lake Blvd From South						Hwy10-169 From West						Int. Total
	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	Right	Thru	Left	UTrn	Peds	App. Total	
Peak Hour Analysis From 12:00 AM to 11:45 AM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 06:45 AM																									
06:45 AM	5	2	87	0	0	94	47	203	5	0	0	255	14	5	1	0	0	20	0	583	19	0	0	602	971
07:00 AM	9	1	82	0	0	92	27	186	3	1	0	217	18	3	0	0	0	21	0	516	17	0	0	533	863
07:15 AM	5	0	92	0	0	97	17	260	1	0	0	278	12	9	2	0	0	23	0	565	21	0	0	586	984
07:30 AM	8	3	106	0	0	117	18	278	4	2	0	302	11	5	1	0	0	17	0	614	15	0	0	629	1065
Total Volume	27	6	367	0	0	400	109	927	13	3	0	1052	55	22	4	0	0	81	0	2278	72	0	0	2350	3883
% App. Total	6.8	1.5	91.8	0	0		10.4	88.1	1.2	0.3	0		67.9	27.2	4.9	0	0		0	96.9	3.1	0	0		
PHF	.750	.500	.866	.000	.000	.855	.580	.834	.650	.375	.000	.871	.764	.611	.500	.000	.000	.880	.000	.928	.857	.000	.000	.934	.912
Peak Hour Analysis From 12:00 PM to 11:45 PM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 04:15 PM																									
04:15 PM	23	7	78	1	0	109	71	544	9	3	0	627	7	1	1	0	0	9	1	350	19	0	0	370	1115
04:30 PM	28	11	122	2	0	163	42	533	8	4	0	587	13	4	3	0	0	20	1	364	18	0	0	383	1153
04:45 PM	26	1	111	0	0	138	48	571	3	1	0	623	12	5	1	1	0	19	0	375	20	2	0	397	1177
05:00 PM	21	8	114	1	0	144	57	558	6	1	0	622	7	2	3	0	0	12	0	316	18	2	0	336	1114
Total Volume	98	27	425	4	0	554	218	2206	26	9	0	2459	39	12	8	1	0	60	2	1405	75	4	0	1486	4559
% App. Total	17.7	4.9	76.7	0.7	0		8.9	89.7	1.1	0.4	0		65	20	13.3	1.7	0		0.1	94.5	5	0.3	0		
PHF	.875	.614	.871	.500	.000	.850	.768	.966	.722	.563	.000	.980	.750	.600	.667	.250	.000	.750	.500	.937	.938	.500	.000	.936	.968