



Traffic Data Inc

PO Box 16296
St. Louis Park, MN 55416

File Name : 11 - Hwy 10-169 & Thurston Ave, 4-24-13, 12am-12am

Site Code : 10513211

Start Date : 4/24/2013

Page No : 1

TH 10 & Thurston Ave
Ramsey, MN

Groups Printed- Cars + - Trucks

Start Time	Thurston Ave From North						Hwy 10-169 From East						Thurston Ave From South						Hwy 10-169 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	1	10	0	0	13	5	60	3	0	0	68	3	0	0	0	0	3	0	20	1	0	0	21	105
12:15 AM	0	0	0	0	0	0	1	46	2	0	0	49	1	0	3	0	0	4	1	22	0	0	0	23	76
12:30 AM	2	0	4	0	0	6	1	32	3	0	0	36	2	1	0	0	0	3	1	12	0	0	0	13	58
12:45 AM	0	0	4	0	0	4	3	21	1	0	0	25	2	0	0	0	0	2	0	19	0	0	0	19	50
Total	4	1	18	0	0	23	10	159	9	0	0	178	8	1	3	0	0	12	2	73	1	0	0	76	289
01:00 AM	4	1	6	0	0	11	1	42	1	0	0	44	1	0	0	0	0	1	0	18	1	0	0	19	75
01:15 AM	1	1	2	0	0	4	1	40	2	0	0	43	1	0	2	0	0	3	2	21	0	0	0	23	73
01:30 AM	5	1	21	0	0	27	1	13	1	0	0	15	3	0	4	0	0	7	1	27	0	0	0	28	77
01:45 AM	1	1	5	0	0	7	1	32	2	0	0	35	1	0	1	0	0	2	0	20	1	0	0	21	65
Total	11	4	34	0	0	49	4	127	6	0	0	137	6	0	7	0	0	13	3	86	2	0	0	91	290
02:00 AM	0	1	7	0	0	8	2	23	2	0	0	27	3	0	1	0	0	4	3	36	0	0	0	39	78
02:15 AM	0	0	1	0	0	1	1	23	2	0	0	26	0	0	0	0	0	0	0	20	0	0	0	20	47
02:30 AM	0	0	0	0	0	0	0	23	0	0	0	23	3	0	0	0	0	3	3	25	0	0	0	28	54
02:45 AM	0	0	1	0	0	1	3	14	2	0	0	19	0	0	1	0	0	1	0	17	0	0	0	17	38
Total	0	1	9	0	0	10	6	83	6	0	0	95	6	0	2	0	0	8	6	98	0	0	0	104	217
03:00 AM	2	1	11	0	0	14	0	24	1	0	0	25	1	1	0	0	0	2	1	27	1	0	0	29	70
03:15 AM	1	0	1	0	0	2	3	11	1	0	0	15	4	1	1	0	0	6	0	45	2	1	0	48	71
03:30 AM	0	0	3	0	0	3	4	14	0	0	0	18	5	0	0	0	0	5	2	45	2	0	0	49	75
03:45 AM	0	1	4	0	0	5	3	20	1	0	0	24	1	0	0	0	0	1	0	43	0	0	0	43	73
Total	3	2	19	0	0	24	10	69	3	0	0	82	11	2	1	0	0	14	3	160	5	1	0	169	289
04:00 AM	1	0	3	0	0	4	1	19	3	0	0	23	8	0	1	0	0	9	2	59	1	0	0	62	98
04:15 AM	0	0	2	0	0	2	3	51	2	0	0	56	4	0	1	0	0	5	3	109	2	0	0	114	177
04:30 AM	0	1	6	0	0	7	11	49	2	0	0	62	3	1	2	0	0	6	7	120	1	0	0	128	203
04:45 AM	1	2	9	0	0	12	9	73	1	0	0	83	13	0	5	0	0	18	2	161	9	0	0	172	285
Total	2	3	20	0	0	25	24	192	8	0	0	224	28	1	9	0	0	38	14	449	13	0	0	476	763
05:00 AM	0	1	14	0	0	15	13	57	5	1	0	76	13	4	2	0	0	19	8	178	8	2	0	196	306
05:15 AM	1	0	11	0	0	12	17	82	4	1	0	104	17	3	4	0	0	24	9	287	10	0	0	306	446
05:30 AM	2	1	20	0	0	23	45	124	3	0	0	172	11	7	1	0	0	19	6	378	13	0	1	398	612
05:45 AM	3	3	23	0	0	29	82	184	3	0	0	269	13	8	11	0	0	32	19	363	21	0	0	403	733
Total	6	5	68	0	0	79	157	447	15	2	0	621	54	22	18	0	0	94	42	1206	52	2	1	1303	2097
06:00 AM	1	4	41	0	0	46	39	153	1	0	0	193	35	3	4	0	0	42	10	474	20	0	0	504	785
06:15 AM	5	2	56	0	0	63	59	198	4	0	0	261	24	5	5	0	0	34	9	594	25	0	0	628	986
06:30 AM	3	3	55	0	1	62	98	292	6	0	0	396	23	10	11	0	0	44	7	670	16	0	0	693	1195
06:45 AM	5	14	73	1	0	93	84	328	14	0	0	426	24	12	9	0	0	45	9	618	38	1	0	666	1230
Total	14	23	225	1	1	264	280	971	25	0	0	1276	106	30	29	0	0	165	35	2356	99	1	0	2491	4196
07:00 AM	2	6	73	0	0	81	75	279	14	0	0	368	32	10	9	0	0	51	11	605	20	1	0	637	1137



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Groups Printed- Cars + - Trucks

Start Time	Thurston Ave From North						Hwy 10-169 From East						Thurston Ave From South						Hwy 10-169 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	20	67	0	0	92	135	316	14	1	0	466	32	20	10	0	0	62	13	593	26	0	0	632	1252
07:30 AM	1	10	68	0	0	79	142	324	15	0	0	481	27	18	13	0	0	58	15	608	38	4	0	665	1283
07:45 AM	5	12	82	0	0	99	208	358	13	0	0	579	31	20	16	0	0	67	23	529	36	4	0	592	1337
Total	13	48	290	0	0	351	560	1277	56	1	0	1894	122	68	48	0	0	238	62	2335	120	9	0	2526	5009
08:00 AM	8	7	67	0	0	82	120	348	11	0	0	479	23	11	7	0	0	41	18	486	29	1	3	537	1139
08:15 AM	9	9	46	0	0	64	65	263	15	0	0	343	30	13	13	0	1	57	15	433	16	1	0	465	929
08:30 AM	6	8	43	0	0	57	49	234	10	0	0	293	28	11	14	0	0	53	12	417	18	4	0	451	854
08:45 AM	7	5	48	0	0	60	76	269	11	1	0	357	18	10	15	0	0	43	16	400	23	4	0	443	903
Total	30	29	204	0	0	263	310	1114	47	1	0	1472	99	45	49	0	1	194	61	1736	86	10	3	1896	3825
09:00 AM	5	7	63	0	0	75	56	260	11	1	0	328	24	13	15	0	0	52	11	356	19	0	0	386	841
09:15 AM	4	6	49	0	0	59	36	281	12	0	0	329	8	12	14	0	1	35	10	387	11	2	1	411	834
09:30 AM	2	7	38	0	0	47	52	230	13	0	0	295	24	4	10	0	0	38	8	320	16	1	0	345	725
09:45 AM	6	9	40	0	0	55	58	281	8	1	0	348	19	11	7	0	0	37	10	355	16	3	0	384	824
Total	17	29	190	0	0	236	202	1052	44	2	0	1300	75	40	46	0	1	162	39	1418	62	6	1	1526	3224
10:00 AM	11	5	52	1	0	69	46	222	15	2	0	285	6	5	9	0	0	20	4	270	11	1	0	286	660
10:15 AM	5	6	55	0	0	66	35	252	9	0	0	296	22	11	14	0	0	47	16	320	10	3	0	349	758
10:30 AM	11	13	47	0	0	71	44	298	13	0	0	355	22	12	10	0	0	44	12	331	10	2	0	355	825
10:45 AM	5	5	46	0	0	56	39	246	13	0	0	298	14	11	8	0	0	33	14	319	15	2	3	353	740
Total	32	29	200	1	0	262	164	1018	50	2	0	1234	64	39	41	0	0	144	46	1240	46	8	3	1343	2983
11:00 AM	7	36	112	0	0	155	38	285	13	2	0	338	25	10	7	0	0	42	16	276	3	2	0	297	832
11:15 AM	10	13	85	0	0	108	33	272	10	0	0	315	18	11	15	0	0	44	12	295	17	1	1	326	793
11:30 AM	13	18	93	0	0	124	54	251	19	0	0	324	20	20	20	0	0	60	16	291	13	1	2	323	831
11:45 AM	9	13	61	0	0	83	60	326	17	0	0	403	24	17	13	0	0	54	7	237	16	1	0	261	801
Total	39	80	351	0	0	470	185	1134	59	2	0	1380	87	58	55	0	0	200	51	1099	49	5	3	1207	3257
12:00 PM	8	22	85	0	0	115	89	273	12	2	0	376	18	28	25	0	0	71	18	319	19	1	0	357	919
12:15 PM	8	13	58	0	0	79	64	283	13	0	0	360	25	34	14	0	0	73	9	321	9	0	3	342	854
12:30 PM	8	15	77	0	0	100	51	287	19	1	0	358	13	26	12	0	0	51	13	270	9	0	0	292	801
12:45 PM	10	7	45	0	0	62	58	327	16	2	0	403	11	19	16	0	0	46	13	319	18	4	0	354	865
Total	34	57	265	0	0	356	262	1170	60	5	0	1497	67	107	67	0	0	241	53	1229	55	5	3	1345	3439
01:00 PM	9	12	71	0	0	92	45	285	16	0	0	346	12	12	19	0	1	44	9	293	16	1	2	321	803
01:15 PM	8	11	47	0	0	66	51	323	17	0	0	391	20	14	17	0	0	51	8	303	15	1	0	327	835
01:30 PM	5	3	59	0	0	67	48	335	9	2	0	394	23	8	21	0	1	53	8	246	22	1	0	277	791
01:45 PM	7	11	90	0	0	108	47	354	13	0	0	414	7	10	13	0	0	30	17	335	12	4	1	369	921
Total	29	37	267	0	0	333	191	1297	55	2	0	1545	62	44	70	0	2	178	42	1177	65	7	3	1294	3350
02:00 PM	13	26	98	0	0	137	43	306	22	5	0	376	29	11	8	0	0	48	12	272	13	0	2	299	860
02:15 PM	3	9	72	0	0	84	46	416	29	1	0	492	22	15	18	0	1	56	8	297	9	1	2	317	949
02:30 PM	18	12	70	0	1	101	49	447	18	2	0	516	24	15	10	0	0	49	14	354	19	0	2	389	1055



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Start Time	Thurston Ave From North						Hwy 10-169 From East						Thurston Ave From South						Hwy 10-169 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	6	8	52	0	0	66	57	470	14	0	0	541	18	15	21	0	0	54	12	356	21	0	0	389	1050
Total	40	55	292	0	1	388	195	1639	83	8	0	1925	93	56	57	0	1	207	46	1279	62	1	6	1394	3914
03:00 PM	20	16	95	0	0	131	39	493	22	0	0	554	13	11	22	0	0	46	9	336	11	0	0	356	1087
03:15 PM	8	14	90	0	0	112	64	567	21	1	0	653	7	9	22	0	0	38	14	364	10	0	0	388	1191
03:30 PM	10	20	96	0	0	126	36	541	29	1	0	607	20	12	23	0	0	55	8	389	14	3	0	414	1202
03:45 PM	9	6	60	0	0	75	42	547	19	1	0	609	19	9	20	0	0	48	22	453	22	2	0	499	1231
Total	47	56	341	0	0	444	181	2148	91	3	0	2423	59	41	87	0	0	187	53	1542	57	5	0	1657	4711
04:00 PM	16	21	101	0	0	138	49	598	22	0	0	669	26	15	27	0	0	68	10	363	10	1	0	384	1259
04:15 PM	11	18	110	0	0	139	40	570	14	0	0	624	19	12	15	0	1	47	18	398	8	0	1	425	1235
04:30 PM	17	28	116	0	0	161	36	557	18	0	0	611	24	12	9	0	0	45	12	478	17	2	0	509	1326
04:45 PM	22	39	82	0	0	143	41	575	17	1	0	634	31	10	20	0	0	61	18	509	22	1	0	550	1388
Total	66	106	409	0	0	581	166	2300	71	1	0	2538	100	49	71	0	1	221	58	1748	57	4	1	1868	5208
05:00 PM	13	20	115	0	0	148	34	563	13	0	0	610	29	10	17	0	0	56	12	412	7	1	1	433	1247
05:15 PM	10	13	79	0	0	102	41	532	9	0	0	582	20	11	16	0	0	47	14	405	12	1	3	435	1166
05:30 PM	14	10	63	0	0	87	38	499	14	0	0	551	18	5	15	0	0	38	10	386	11	0	2	409	1085
05:45 PM	5	12	55	0	0	72	33	532	17	1	0	583	10	10	22	0	0	42	14	301	15	0	0	330	1027
Total	42	55	312	0	0	409	146	2126	53	1	0	2326	77	36	70	0	0	183	50	1504	45	2	6	1607	4525
06:00 PM	7	8	45	0	0	60	24	457	12	3	0	496	9	18	17	0	1	45	16	303	22	3	3	347	948
06:15 PM	5	5	50	0	0	60	31	453	14	2	0	500	14	12	16	0	0	42	9	308	9	1	0	327	929
06:30 PM	5	6	47	0	0	58	32	439	15	0	0	486	16	15	17	0	0	48	12	293	6	0	0	311	903
06:45 PM	4	11	34	0	0	49	26	382	17	1	0	426	14	8	16	0	0	38	12	241	7	0	0	260	773
Total	21	30	176	0	0	227	113	1731	58	6	0	1908	53	53	66	0	1	173	49	1145	44	4	3	1245	3553
07:00 PM	2	4	45	0	0	51	20	386	16	1	0	423	17	8	15	0	0	40	9	210	4	0	1	224	738
07:15 PM	4	6	25	0	0	35	23	346	11	1	0	381	7	8	9	0	0	24	5	198	6	0	0	209	649
07:30 PM	9	4	29	0	0	42	21	292	14	1	0	328	9	4	15	0	0	28	9	170	6	1	0	186	584
07:45 PM	2	9	26	0	0	37	13	260	23	1	0	297	6	10	12	0	0	28	5	151	11	0	0	167	529
Total	17	23	125	0	0	165	77	1284	64	4	0	1429	39	30	51	0	0	120	28	729	27	1	1	786	2500
08:00 PM	4	5	28	0	0	37	28	240	17	1	0	286	8	10	14	0	0	32	4	173	6	1	0	184	539
08:15 PM	1	4	18	0	0	23	12	274	15	0	0	301	12	9	20	0	0	41	6	139	4	0	0	149	514
08:30 PM	3	11	17	0	0	31	30	269	14	1	0	314	7	13	6	0	0	26	5	148	2	0	0	155	526
08:45 PM	3	4	19	0	0	26	17	247	7	1	0	272	5	6	9	0	1	21	1	101	4	1	0	107	426
Total	11	24	82	0	0	117	87	1030	53	3	0	1173	32	38	49	0	1	120	16	561	16	2	0	595	2005
09:00 PM	3	3	12	0	0	18	12	230	10	1	0	253	6	6	8	0	0	20	7	116	3	0	0	126	417
09:15 PM	4	1	19	0	0	24	13	186	9	1	0	209	2	2	3	0	0	7	5	121	1	0	0	127	367
09:30 PM	1	4	23	0	0	28	10	180	11	2	0	203	8	6	14	0	0	28	9	147	6	0	0	162	421
09:45 PM	2	0	11	0	1	14	15	141	13	0	1	170	10	4	7	0	0	21	5	95	4	0	1	105	310
Total	10	8	65	0	1	84	50	737	43	4	1	835	26	18	32	0	0	76	26	479	14	0	1	520	1515



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	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	
10:00 PM	7	1	20	0	0	28	10	114	10	0	0	134	12	4	2	0	1	19	8	116	3	0	0	127	308
10:15 PM	1	2	8	0	0	11	14	140	4	0	0	158	4	0	9	0	0	13	1	85	3	0	0	89	271
10:30 PM	2	3	12	0	0	17	24	104	5	0	0	133	5	2	5	0	0	12	2	91	1	0	0	94	256
10:45 PM	0	0	6	0	0	6	15	81	10	0	0	106	3	3	1	0	0	7	4	50	4	0	0	58	177
Total	10	6	46	0	0	62	63	439	29	0	0	531	24	9	17	0	1	51	15	342	11	0	0	368	1012
11:00 PM	8	7	20	0	0	35	3	86	13	0	0	102	3	2	3	0	0	8	4	40	0	0	0	44	189
11:15 PM	6	4	12	0	0	22	1	95	4	0	0	100	6	2	4	0	0	12	9	60	1	0	0	70	204
11:30 PM	5	0	9	0	0	14	6	84	7	0	0	97	5	2	3	0	0	10	4	40	4	0	0	48	169
11:45 PM	3	5	13	0	0	21	1	67	6	0	0	74	1	0	7	0	0	8	1	27	1	0	0	29	132
Total	22	16	54	0	0	92	11	332	30	0	0	373	15	6	17	0	0	38	18	167	6	0	0	191	694
Grand Total	520	727	4062	2	3	5314	3454	23876	1018	47	1	28396	1313	793	962	0	9	3077	818	24158	994	73	35	26078	62865
Apprch %	9.8	13.7	76.4	0	0.1		12.2	84.1	3.6	0.2	0		42.7	25.8	31.3	0	0.3		3.1	92.6	3.8	0.3	0.1		
Total %	0.8	1.2	6.5	0	0	8.5	5.5	38	1.6	0.1	0	45.2	2.1	1.3	1.5	0	0	4.9	1.3	38.4	1.6	0.1	0.1	41.5	
Cars +	489	709	3823	2	2	5025	3205	23131	997	46	1	27380	1291	781	953	0	7	3032	804	23322	957	72	28	25183	60620
% Cars +	94	97.5	94.1	100	66.7	94.6	92.8	96.9	97.9	97.9	100	96.4	98.3	98.5	99.1	0	77.8	98.5	98.3	96.5	96.3	98.6	80	96.6	96.4
Trucks	31	18	239	0	1	289	249	745	21	1	0	1016	22	12	9	0	2	45	14	836	37	1	7	895	2245
% Trucks	6	2.5	5.9	0	33.3	5.4	7.2	3.1	2.1	2.1	0	3.6	1.7	1.5	0.9	0	22.2	1.5	1.7	3.5	3.7	1.4	20	3.4	3.6



Traffic Data Inc

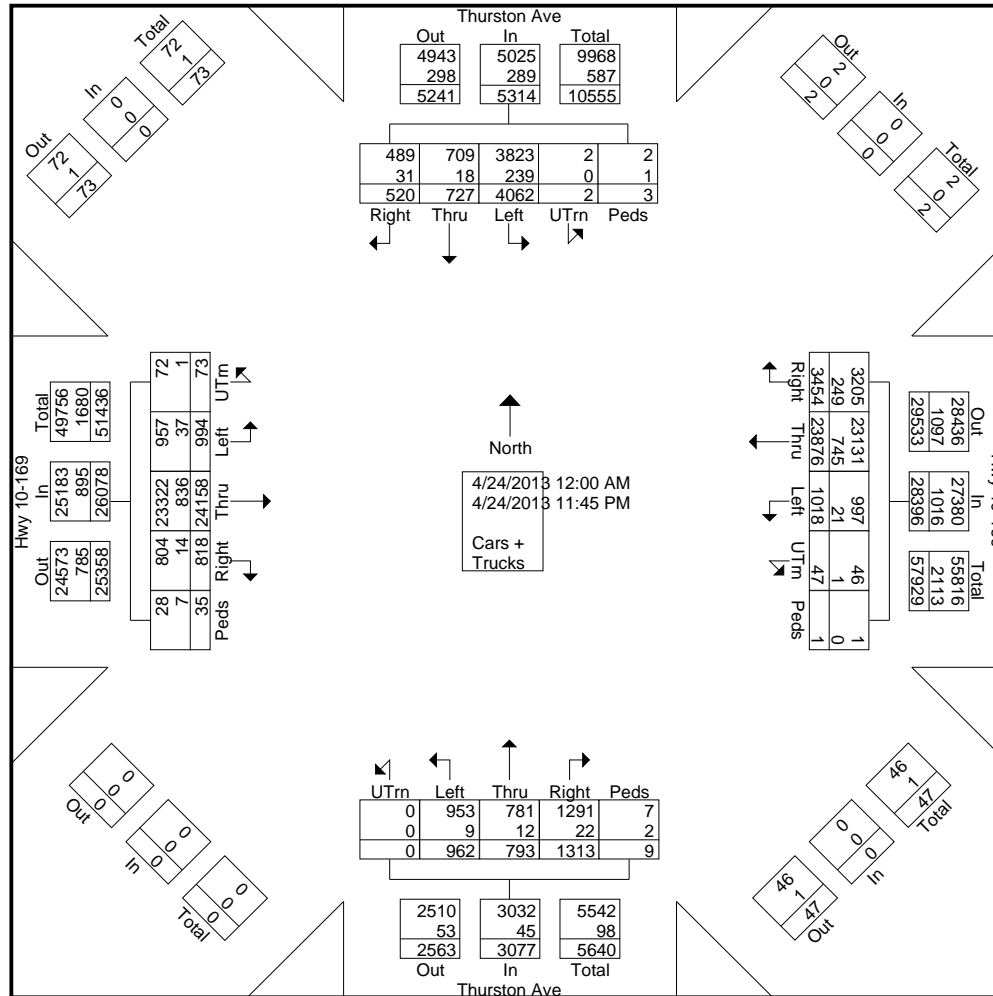
PO Box 16296
St. Louis Park, MN 55416

File Name : 11 - Hwy 10-169 & Thurston Ave, 4-24-13, 12am-12am

Site Code : 10513211

Start Date : 4/24/2013

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Traffic Data Inc

PO Box 16296
St. Louis Park, MN 55416

File Name : 11 - Hwy 10-169 & Thurston Ave, 4-24-13, 12am-12am

Site Code : 10513211

Start Date : 4/24/2013

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Start Time	Thurston Ave From North						Hwy 10-169 From East						Thurston Ave From South						Hwy 10-169 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 07:15 AM																									
07:15 AM	5	20	67	0	0	92	135	316	14	1	0	466	32	20	10	0	0	62	13	593	26	0	0	632	1252
07:30 AM	1	10	68	0	0	79	142	324	15	0	0	481	27	18	13	0	0	58	15	608	38	4	0	665	1283
07:45 AM	5	12	82	0	0	99	208	358	13	0	0	579	31	20	16	0	0	67	23	529	36	4	0	592	1337
08:00 AM	8	7	67	0	0	82	120	348	11	0	0	479	23	11	7	0	0	41	18	486	29	1	3	537	1139
Total Volume	19	49	284	0	0	352	605	1346	53	1	0	2005	113	69	46	0	0	228	69	2216	129	9	3	2426	5011
% App. Total	5.4	13.9	80.7	0	0		30.2	67.1	2.6	0	0		49.6	30.3	20.2	0	0		2.8	91.3	5.3	0.4	0.1		
PHF	.594	.613	.866	.000	.000	.889	.727	.940	.883	.250	.000	.866	.883	.863	.719	.000	.000	.851	.750	.911	.849	.563	.250	.912	.937
Peak Hour Analysis From 12:00 PM to 11:45 PM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 04:00 PM																									
04:00 PM	16	21	101	0	0	138	49	598	22	0	0	669	26	15	27	0	0	68	10	363	10	1	0	384	1259
04:15 PM	11	18	110	0	0	139	40	570	14	0	0	624	19	12	15	0	1	47	18	398	8	0	1	425	1235
04:30 PM	17	28	116	0	0	161	36	557	18	0	0	611	24	12	9	0	0	45	12	478	17	2	0	509	1326
04:45 PM	22	39	82	0	0	143	41	575	17	1	0	634	31	10	20	0	0	61	18	509	22	1	0	550	1388
Total Volume	66	106	409	0	0	581	166	2300	71	1	0	2538	100	49	71	0	1	221	58	1748	57	4	1	1868	5208
% App. Total	11.4	18.2	70.4	0	0		6.5	90.6	2.8	0	0		45.2	22.2	32.1	0	0.5		3.1	93.6	3.1	0.2	0.1		
PHF	.750	.679	.881	.000	.000	.902	.847	.962	.807	.250	.000	.948	.806	.817	.657	.000	.250	.813	.806	.859	.648	.500	.250	.849	.938