



File Name : 1 - TH 10 & Ramsey Blvd, 5-16-17
 Site Code : 1
 Start Date : 5/16/2017
 Page No : 1

TH 10 & Ramsey Blvd
 Ramsey, MN

Groups Printed- Cars + - Trucks

Start Time	Ramsey Blvd Southbound						TH 10 Westbound						Ramsey Blvd Northbound						TH 10 Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
12:00 AM	0	1	0	2	0	3	0	1	25	10	0	36	0	3	1	0	0	4	0	0	23	0	0	23	66
12:15 AM	0	4	1	0	0	5	0	2	20	8	0	30	0	0	3	1	0	4	0	1	25	2	0	28	67
12:30 AM	0	1	0	2	0	3	0	0	34	4	0	38	0	0	1	0	0	1	0	0	13	0	0	13	55
12:45 AM	0	2	0	0	0	2	0	0	28	11	0	39	0	0	0	0	0	0	0	0	10	1	0	11	52
Total	0	8	1	4	0	13	0	3	107	33	0	143	0	3	5	1	0	9	0	1	71	3	0	75	240
01:00 AM	2	1	0	0	0	3	0	0	27	9	0	36	0	0	0	0	0	0	0	0	14	0	0	14	53
01:15 AM	0	2	0	0	0	2	0	1	25	6	0	32	0	0	0	0	0	0	0	1	12	0	0	13	47
01:30 AM	0	0	0	1	0	1	0	1	17	3	0	21	0	0	1	0	0	1	0	0	13	1	0	14	37
01:45 AM	0	2	1	0	0	3	0	0	29	4	0	33	0	0	0	3	0	3	0	1	12	2	0	15	54
Total	2	5	1	1	0	9	0	2	98	22	0	122	0	0	1	3	0	4	0	2	51	3	0	56	191
02:00 AM	0	1	1	0	0	2	0	3	17	2	0	22	0	0	2	1	0	3	0	1	7	1	0	9	36
02:15 AM	0	3	0	0	0	3	0	0	12	1	0	13	0	1	1	0	0	2	0	0	18	2	0	20	38
02:30 AM	0	3	0	1	0	4	0	2	20	5	0	27	0	0	1	1	0	2	0	0	24	1	0	25	58
02:45 AM	0	3	2	2	0	7	1	1	14	7	0	23	0	1	0	3	0	4	0	0	18	1	0	19	53
Total	0	10	3	3	0	16	1	6	63	15	0	85	0	2	4	5	0	11	0	1	67	5	0	73	185
03:00 AM	0	5	4	5	0	14	0	0	14	1	0	15	0	0	1	7	0	8	0	0	26	5	0	31	68
03:15 AM	0	5	0	0	0	5	0	1	12	1	0	14	0	1	0	4	0	5	0	0	22	2	0	24	48
03:30 AM	0	2	0	0	0	2	0	2	24	3	0	29	0	1	0	2	0	3	0	0	41	3	0	44	78
03:45 AM	0	2	4	0	0	6	0	0	14	4	0	18	0	2	2	5	0	9	0	0	36	4	0	40	73
Total	0	14	8	5	0	27	0	3	64	9	0	76	0	4	3	18	0	25	0	0	125	14	0	139	267
04:00 AM	0	8	1	0	0	9	0	0	16	2	0	18	0	1	0	5	0	6	0	0	48	3	0	51	84
04:15 AM	0	10	3	0	0	13	0	1	37	6	0	44	0	0	2	11	0	13	4	7	92	8	0	111	181
04:30 AM	0	22	3	2	0	27	0	3	36	3	0	42	0	2	5	10	0	17	0	9	108	12	0	129	215
04:45 AM	0	24	3	0	0	27	0	1	36	4	0	41	0	1	4	13	0	18	0	12	177	16	0	205	291
Total	0	64	10	2	0	76	0	5	125	15	0	145	0	4	11	39	0	54	4	28	425	39	0	496	771
05:00 AM	1	26	3	2	0	32	0	2	88	3	0	93	0	1	5	15	0	21	0	4	180	16	0	200	346
05:15 AM	0	52	5	0	0	57	0	3	83	10	0	96	0	3	3	23	0	29	3	11	301	20	0	335	517
05:30 AM	0	44	3	7	0	54	0	0	78	14	0	92	0	3	5	20	0	28	1	10	328	21	0	360	534
05:45 AM	0	59	3	4	0	66	3	3	88	18	0	112	0	4	4	17	0	25	1	27	363	19	0	410	613
Total	1	181	14	13	0	209	3	8	337	45	0	393	0	11	17	75	0	103	5	52	1172	76	0	1305	2010
06:00 AM	0	66	4	10	0	80	3	1	129	18	0	151	0	6	4	22	0	32	0	7	423	21	0	451	714
06:15 AM	0	85	5	7	0	97	0	4	147	23	0	174	0	5	2	17	0	24	0	15	518	21	0	554	849
06:30 AM	0	87	6	9	0	102	1	6	196	38	0	241	0	8	5	17	0	30	1	8	514	16	0	539	912
06:45 AM	1	87	1	14	0	103	0	5	176	53	0	234	0	8	13	7	0	28	3	24	495	11	0	533	898
Total	1	325	16	40	0	382	4	16	648	132	0	800	0	27	24	63	0	114	4	54	1950	69	0	2077	3373
07:00 AM	1	86	5	8	0	100	5	6	188	49	0	248	0	8	7	18	0	33	0	11	471	17	0	499	880
07:15 AM	0	83	4	10	0	97	1	3	192	54	0	250	0	5	12	14	0	31	1	19	511	25	0	556	934
07:30 AM	1	79	8	12	0	100	0	3	257	93	0	353	0	5	14	13	0	32	1	21	504	22	0	548	1033



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TH 10 & Ramsey Blvd
 Ramsey, MN

Groups Printed- Cars + - Trucks

Start Time	Ramsey Blvd Southbound						TH 10 Westbound						Ramsey Blvd Northbound						TH 10 Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
07:45 AM	0	87	6	10	0	103	1	3	221	86	0	311	0	8	14	7	0	29	3	21	393	15	0	432	875
Total	2	335	23	40	0	400	7	15	858	282	0	1162	0	26	47	52	0	125	5	72	1879	79	0	2035	3722
08:00 AM	0	58	13	6	0	77	3	3	205	57	0	268	0	9	5	10	0	24	3	17	346	21	0	387	756
08:15 AM	0	56	3	10	0	69	6	2	165	51	0	224	0	5	6	10	0	21	1	11	308	12	0	332	646
08:30 AM	0	54	5	15	0	74	3	5	179	39	0	226	0	4	4	9	0	17	0	8	293	15	0	316	633
08:45 AM	0	78	6	13	0	97	3	2	198	34	0	237	0	6	5	6	0	17	1	9	256	9	0	275	626
Total	0	246	27	44	0	317	15	12	747	181	0	955	0	24	20	35	0	79	5	45	1203	57	0	1310	2661
09:00 AM	0	76	6	9	0	91	5	3	183	28	0	219	0	3	6	7	0	16	5	11	260	14	0	290	616
09:15 AM	3	62	3	4	0	72	4	5	170	42	0	221	0	6	5	5	0	16	4	6	237	9	0	256	565
09:30 AM	2	58	4	7	0	71	4	5	169	37	0	215	0	4	2	4	0	10	4	12	237	10	0	263	559
09:45 AM	0	48	3	7	0	58	5	5	177	41	0	228	0	5	2	10	0	17	1	6	252	12	0	271	574
Total	5	244	16	27	0	292	18	18	699	148	0	883	0	18	15	26	0	59	14	35	986	45	0	1080	2314
10:00 AM	1	51	1	7	0	60	6	5	184	30	0	225	0	6	4	9	0	19	3	4	235	8	0	250	554
10:15 AM	1	38	3	7	0	49	3	6	203	34	0	246	0	12	4	6	0	22	0	6	253	10	0	269	586
10:30 AM	0	46	5	12	0	63	7	4	183	28	0	222	0	11	2	8	0	21	4	9	218	6	0	237	543
10:45 AM	3	49	6	8	0	66	2	3	191	38	0	234	0	2	5	9	0	16	3	5	213	6	0	227	543
Total	5	184	15	34	0	238	18	18	761	130	0	927	0	31	15	32	0	78	10	24	919	30	0	983	2226
11:00 AM	2	47	4	12	1	66	3	4	187	36	0	230	0	4	6	9	0	19	1	7	180	11	0	199	514
11:15 AM	2	48	12	15	0	77	7	4	194	34	0	239	0	7	2	13	0	22	1	9	179	11	0	200	538
11:30 AM	1	56	8	10	0	75	5	9	202	51	0	267	0	3	3	14	0	20	0	8	217	13	0	238	600
11:45 AM	3	51	6	11	0	71	4	4	194	48	0	250	0	6	8	4	0	18	0	7	209	10	0	226	565
Total	8	202	30	48	1	289	19	21	777	169	0	986	0	20	19	40	0	79	2	31	785	45	0	863	2217
12:00 PM	6	52	6	10	0	74	2	4	241	59	0	306	0	5	8	7	0	20	2	6	194	15	0	217	617
12:15 PM	3	64	9	8	0	84	4	1	207	43	0	255	0	6	10	12	0	28	1	11	255	12	0	279	646
12:30 PM	4	45	7	8	0	64	3	2	236	64	0	305	0	8	2	10	0	20	3	9	216	7	0	235	624
12:45 PM	2	64	4	8	0	78	5	6	211	58	0	280	0	7	7	7	0	21	6	8	210	10	0	234	613
Total	15	225	26	34	0	300	14	13	895	224	0	1146	0	26	27	36	0	89	12	34	875	44	0	965	2500
01:00 PM	1	41	6	11	0	59	1	2	226	44	0	273	0	9	7	4	0	20	1	11	200	7	0	219	571
01:15 PM	3	40	7	12	0	62	2	9	222	41	0	274	0	10	7	2	0	19	0	8	146	11	0	165	520
01:30 PM	1	43	4	12	0	60	4	3	230	58	0	295	0	4	8	3	0	15	2	9	228	6	0	245	615
01:45 PM	1	44	6	15	0	66	3	4	276	80	0	363	0	7	6	2	0	15	1	10	184	13	0	208	652
Total	6	168	23	50	0	247	10	18	954	223	0	1205	0	30	28	11	0	69	4	38	758	37	0	837	2358
02:00 PM	1	42	9	14	0	66	2	8	289	65	0	364	0	12	5	9	0	26	5	6	234	15	0	260	716
02:15 PM	0	39	7	16	0	62	7	13	320	72	0	412	0	14	8	15	0	37	0	11	304	11	0	326	837
02:30 PM	2	84	5	21	0	112	3	4	336	66	0	409	0	6	9	9	0	24	5	9	254	10	0	278	823
02:45 PM	2	30	5	9	0	46	5	10	405	79	0	499	0	13	10	9	0	32	3	10	252	15	0	280	857
Total	5	195	26	60	0	286	17	35	1350	282	0	1684	0	45	32	42	0	119	13	36	1044	51	0	1144	3233



File Name : 1 - TH 10 & Ramsey Blvd, 5-16-17
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TH 10 & Ramsey Blvd
 Ramsey, MN

Groups Printed- Cars + - Trucks

Start Time	Ramsey Blvd Southbound						TH 10 Westbound						Ramsey Blvd Northbound						TH 10 Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
03:00 PM	0	80	12	23	0	115	7	7	408	68	0	490	0	6	8	1	0	15	2	14	201	11	0	228	848
03:15 PM	0	56	4	16	0	76	3	7	455	75	0	540	0	14	9	3	0	26	6	11	262	13	0	292	934
03:30 PM	0	75	6	19	0	100	5	4	467	70	0	546	0	10	10	2	0	22	5	11	269	16	0	301	969
03:45 PM	0	46	3	23	0	72	5	12	457	75	0	549	0	14	7	2	0	23	2	11	275	18	0	306	950
Total	0	257	25	81	0	363	20	30	1787	288	0	2125	0	44	34	8	0	86	15	47	1007	58	0	1127	3701
04:00 PM	0	52	16	22	0	90	2	6	424	94	0	526	0	18	3	5	0	26	3	14	268	8	2	295	937
04:15 PM	1	56	6	33	0	96	3	8	453	82	0	546	0	10	12	7	0	29	1	10	306	16	0	333	1004
04:30 PM	1	83	11	35	0	130	0	9	427	77	0	513	0	9	9	3	0	21	2	15	267	19	0	303	967
04:45 PM	0	51	5	24	0	80	0	12	515	85	0	612	0	14	8	3	0	25	1	9	327	15	0	352	1069
Total	2	242	38	114	0	396	5	35	1819	338	0	2197	0	51	32	18	0	101	7	48	1168	58	2	1283	3977
05:00 PM	1	70	9	19	0	99	9	4	473	73	0	559	0	14	11	3	0	28	2	9	294	12	0	317	1003
05:15 PM	1	45	6	14	0	66	6	8	501	80	0	595	0	10	2	1	0	13	0	4	277	11	0	292	966
05:30 PM	0	53	7	10	0	70	3	4	459	85	0	551	0	9	10	5	0	24	3	12	271	13	0	299	944
05:45 PM	3	37	3	9	0	52	4	9	427	91	0	531	0	7	5	3	0	15	3	11	233	10	0	257	855
Total	5	205	25	52	0	287	22	25	1860	329	0	2236	0	40	28	12	0	80	8	36	1075	46	0	1165	3768
06:00 PM	2	58	12	11	0	83	5	13	389	83	0	490	0	7	9	15	0	31	4	6	260	13	2	285	889
06:15 PM	2	28	6	2	0	38	1	6	357	85	0	449	0	6	7	6	0	19	1	3	230	7	0	241	747
06:30 PM	2	59	8	3	0	72	3	6	316	90	0	415	0	9	3	4	0	16	0	6	222	10	0	238	741
06:45 PM	2	34	7	11	0	54	5	4	249	74	0	332	0	10	11	12	0	33	1	2	171	10	0	184	603
Total	8	179	33	27	0	247	14	29	1311	332	0	1686	0	32	30	37	0	99	6	17	883	40	2	948	2980
07:00 PM	3	39	8	10	1	61	9	5	265	85	0	364	0	8	3	4	0	15	1	4	170	11	0	186	626
07:15 PM	0	31	4	4	0	39	1	8	210	64	0	283	0	4	3	4	0	11	1	1	142	9	0	153	486
07:30 PM	0	20	4	4	0	28	1	7	229	49	0	286	0	3	4	4	0	11	2	3	161	6	0	172	497
07:45 PM	1	43	1	5	0	50	0	2	183	48	0	233	0	11	7	2	0	20	3	1	127	5	0	136	439
Total	4	133	17	23	1	178	11	22	887	246	0	1166	0	26	17	14	0	57	7	9	600	31	0	647	2048
08:00 PM	0	32	5	9	0	46	0	3	188	56	0	247	0	5	3	9	0	17	0	1	113	7	0	121	431
08:15 PM	4	27	5	4	0	40	1	1	173	46	0	221	0	3	2	7	0	12	0	3	170	14	0	187	460
08:30 PM	0	26	3	2	0	31	2	2	171	46	0	221	0	1	3	8	0	12	1	6	143	4	0	154	418
08:45 PM	0	13	3	3	0	19	0	3	160	44	0	207	0	4	6	4	0	14	0	2	120	7	0	129	369
Total	4	98	16	18	0	136	3	9	692	192	0	896	0	13	14	28	0	55	1	12	546	32	0	591	1678
09:00 PM	2	15	3	5	0	25	3	0	141	51	0	195	0	9	8	5	0	22	0	6	150	1	0	157	399
09:15 PM	0	15	2	1	0	18	0	2	129	40	0	171	0	12	1	8	0	21	1	4	126	10	0	141	351
09:30 PM	1	14	2	5	0	22	0	5	117	26	0	148	0	5	1	4	0	10	1	3	80	8	0	92	272
09:45 PM	1	14	2	5	0	22	2	3	109	42	0	156	0	5	3	3	0	11	0	2	79	7	0	88	277
Total	4	58	9	16	0	87	5	10	496	159	0	670	0	31	13	20	0	64	2	15	435	26	0	478	1299
10:00 PM	2	15	3	4	1	25	1	2	108	30	0	141	0	1	6	1	0	8	0	2	81	6	0	89	263
10:15 PM	0	9	1	4	0	14	0	2	86	25	0	113	0	2	2	3	0	7	0	0	63	1	0	64	198
10:30 PM	0	9	1	2	0	12	0	0	79	24	0	103	0	3	2	1	0	6	0	2	56	5	0	63	184



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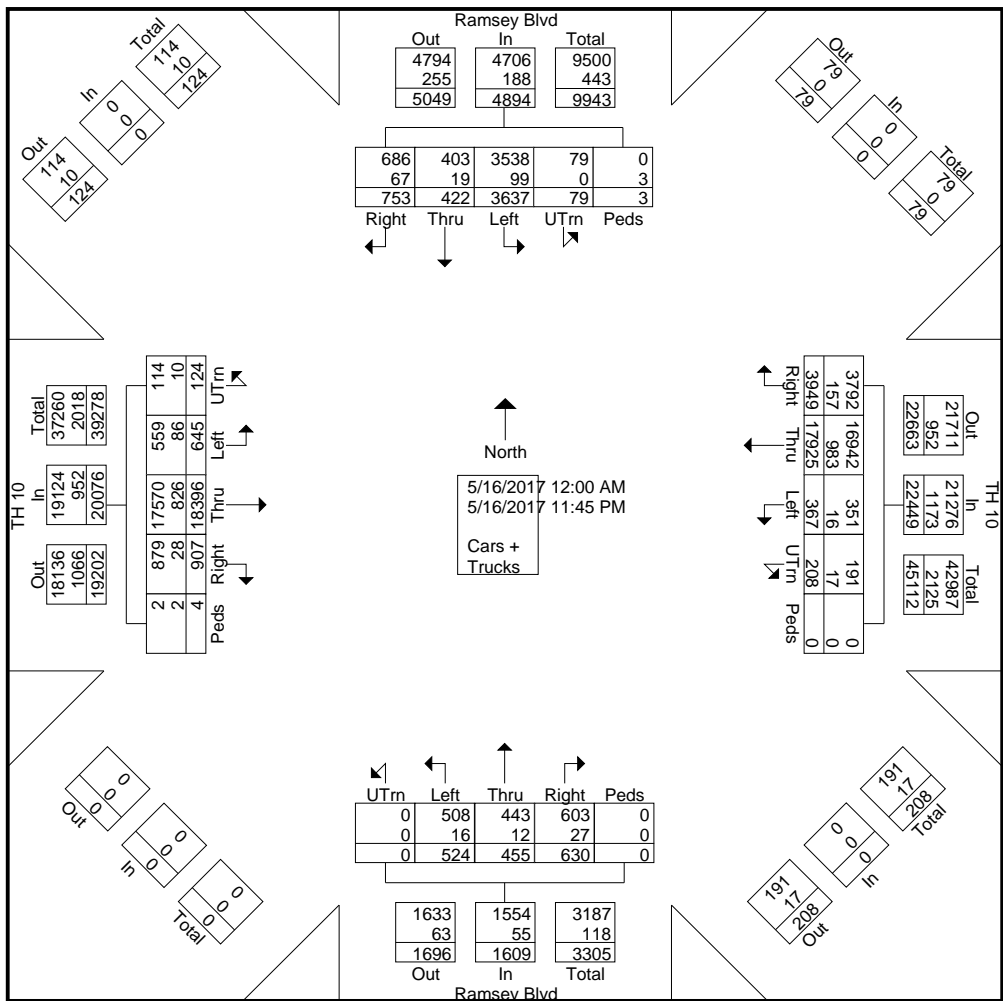
TH 10 & Ramsey Blvd
 Ramsey, MN

Groups Printed- Cars + - Trucks

Start Time	Ramsey Blvd Southbound						TH 10 Westbound						Ramsey Blvd Northbound						TH 10 Eastbound						Int. Total	
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total		
10:45 PM	0	5	4	2	0	11	1	2	74	14	0	91	0	1	0	4	0	5	0	2	46	2	0	50	157	
Total	2	38	9	12	1	62	2	6	347	93	0	448	0	7	10	9	0	26	0	6	246	14	0	266	802	
11:00 PM	0	9	1	2	0	12	0	3	68	15	0	86	0	3	1	0	0	4	0	1	39	1	0	41	143	
11:15 PM	0	7	2	2	0	11	0	0	74	16	0	90	0	2	1	2	0	5	0	0	38	2	0	40	146	
11:30 PM	0	2	6	1	0	9	0	2	57	17	0	76	0	3	3	3	0	9	0	1	32	1	0	34	128	
11:45 PM	0	3	2	0	0	5	0	3	44	14	0	61	0	1	4	1	0	6	0	0	17	1	0	18	90	
Total	0	21	11	5	0	37	0	8	243	62	0	313	0	9	9	6	0	24	0	2	126	5	0	133	507	
Grand Total	79	3637	422	753	3	4894	208	367	17925										18396							
Cars +	79	3538	403	686	0	4706	191	351	16942	3792	0	21276	0	508	443	603	0	1554	114	559	17570	879	2	19124	46660	
% Cars +	100	97.3	95.5	91.1	0	96.2	91.8	95.6	94.5	96	0	94.8	0	96.9	97.4	95.7	0	96.6	91.9	86.7	95.5	96.9	50	95.3	95.2	
Trucks	0	99	19	67	3	188	17	16	983	157	0	1173	0	16	12	27	0	55	10	86	826	28	2	952	2368	
% Trucks	0	2.7	4.5	8.9	100	3.8	8.2	4.4	5.5	4	0	5.2	0	3.1	2.6	4.3	0	3.4	8.1	13.3	4.5	3.1	50	4.7	4.8	



TH 10 & Ramsey Blvd
 Ramsey, MN





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Start Time	Ramsey Blvd Southbound						TH 10 Westbound						Ramsey Blvd Northbound						TH 10 Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 12:00 AM to 09:45 AM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 06:45 AM																									
06:45 AM	1	87	1	14	0	103	0	5	176	53	0	234	0	8	13	7	0	28	3	24	495	11	0	533	898
07:00 AM	1	86	5	8	0	100	5	6	188	49	0	248	0	8	7	18	0	33	0	11	471	17	0	499	880
07:15 AM	0	83	4	10	0	97	1	3	192	54	0	250	0	5	12	14	0	31	1	19	511	25	0	556	934
07:30 AM	1	79	8	12	0	100	0	3	257	93	0	353	0	5	14	13	0	32	1	21	504	22	0	548	1033
Total Volume	3	335	18	44	0	400	6	17	813	249	0	1085	0	26	46	52	0	124	5	75	1981	75	0	2136	3745
% App. Total	0.8	83.8	4.5	11	0		0.6	1.6	74.9	22.9	0		0	21	37.1	41.9	0		0.2	3.5	92.7	3.5	0		
PHF	.750	.963	.563	.786	.000	.971	.300	.708	.791	.669	.000	.768	.000	.813	.821	.722	.000	.939	.417	.781	.969	.750	.000	.960	.906
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 12:00 PM																									
12:00 PM	6	52	6	10	0	74	2	4	241	59	0	306	0	5	8	7	0	20	2	6	194	15	0	217	617
12:15 PM	3	64	9	8	0	84	4	1	207	43	0	255	0	6	10	12	0	28	1	11	255	12	0	279	646
12:30 PM	4	45	7	8	0	64	3	2	236	64	0	305	0	8	2	10	0	20	3	9	216	7	0	235	624
12:45 PM	2	64	4	8	0	78	5	6	211	58	0	280	0	7	7	7	0	21	6	8	210	10	0	234	613
Total Volume	15	225	26	34	0	300	14	13	895	224	0	1146	0	26	27	36	0	89	12	34	875	44	0	965	2500
% App. Total	5	75	8.7	11.3	0		1.2	1.1	78.1	19.5	0		0	29.2	30.3	40.4	0		1.2	3.5	90.7	4.6	0		
PHF	.625	.879	.722	.850	.000	.893	.700	.542	.928	.875	.000	.936	.000	.813	.675	.750	.000	.795	.500	.773	.858	.733	.000	.865	.967
Peak Hour Analysis From 02:00 PM to 11:45 PM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 04:15 PM																									
04:15 PM	1	56	6	33	0	96	3	8	453	82	0	546	0	10	12	7	0	29	1	10	306	16	0	333	1004
04:30 PM	1	83	11	35	0	130	0	9	427	77	0	513	0	9	9	3	0	21	2	15	267	19	0	303	967
04:45 PM	0	51	5	24	0	80	0	12	515	85	0	612	0	14	8	3	0	25	1	9	327	15	0	352	1069
05:00 PM	1	70	9	19	0	99	9	4	473	73	0	559	0	14	11	3	0	28	2	9	294	12	0	317	1003
Total Volume	3	260	31	111	0	405	12	33	1868	317	0	2230	0	47	40	16	0	103	6	43	1194	62	0	1305	4043
% App. Total	0.7	64.2	7.7	27.4	0		0.5	1.5	83.8	14.2	0		0	45.6	38.8	15.5	0		0.5	3.3	91.5	4.8	0		
PHF	.750	.783	.705	.793	.000	.779	.333	.688	.907	.932	.000	.911	.000	.839	.833	.571	.000	.888	.750	.717	.913	.816	.000	.927	.946