RAMEY KEMP & ASSOCIATES
TRANSPORTATION ENGINEERS

5808 Faringdon Place, Suite 100
Raleigh, NC 27609
PH: 919 872-5115

File Name : st. james & nc 211
Site Code : 12101411
Start Date : 12/10/2014
Page No : 1

Groups Printed- Vehicles

	St. James Drive Southbound				NC 211 Westbound				St. James Drive Northbound				NC 211 Eastbound						
Start Time	Right	Thru	Left	Trucks	Right	Thru	Left	Trucks	Right	Thru	Left	Trucks	Right	Thru	Left	Trucks	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	0	0	0	0	0	35	11	1	15	0	3	1	6	96	1	6	8	167	175
07:15 AM	0	0	0	0	0	68	21	2	14	0	4	0	8	139	0	8	10	254	264
07:30 AM	1	0	0	0	0	72	18	4	26	0	7	1	10	121	0	3	8	255	263
07:45 AM	0	0	0	0	1	61	31	4	45	4	4	0	16	126	3	5	9	291	300
Total	1	0	0	0	1	236	81	11	100	4	18	2	40	482	4	22	35	967	1002
08:00 AM	1	1	1	0	5	65	21	6	22	0	4	0	16	106	3	3	9	245	254
08:15 AM	0	2	1	0	5	76	26	8	39	8	11	0	12	110	9	5	13	299	312
08:30 AM	1	1	0	0	3	65	28	6	42	5	10	1	12	88	4	3	10	259	269
08:45 AM	1	0	0	0	4	78	31	9	54	3	13	4	18	99	4	3	16	305	321
Total	3	4	2	0	17	284	106	29	157	16	38	5	58	403	20	14	48	1108	1156
*** BREAK ***																			
04:00 PM	1	2	0	0	1	105	42	7	28	0	8	2	8	101	1	3	12	297	309
04:15 PM	1	1	6	0	0	122	57	5	41	1	15	0	5	89	1	2	7	339	346
04:30 PM	2	7	11	0	1	143	47	5	25	1	12	0	11	96	0	5	10	356	366
04:45 PM	4	10	3	0	2	180	48	3	28	0	11	2	5	87	1	2	7	379	386
Total	8	20	20	0	4	550	194	20	122	2	46	4	29	373	3	12	36	1371	1407
05:00 PM	7	2	3	0	1	152	33	8	31	0	11	3	4	76	1	1	12	321	333
05:15 PM	4	4	7	0	0	200	39	6	39	1	16	1	8	85	0	5	12	403	415
05:30 PM	2	0	1	0	0	162	19	6	33	1	11	0	11	108	2	0	6	350	356
05:45 PM	1	1	2	0	1	115	36	2	26	1	17	2	4	74	1	0	4	279	283
Total	14	7	13	0	2	629	127	22	129	3	55	6	27	343	4	6	34	1353	1387
Grand Total	26	31	35	0	24	1699	508	82	508	25	157	17	154	1601	31	54	153	4799	4952
Apprch %	28.3	33.7	38		1.1	76.2	22.8		73.6	3.6	22.8		8.6	89.6	1.7				
Total %	0.5	0.6	0.7		0.5	35.4	10.6		10.6	0.5	3.3		3.2	33.4	0.6		3.1	96.9	

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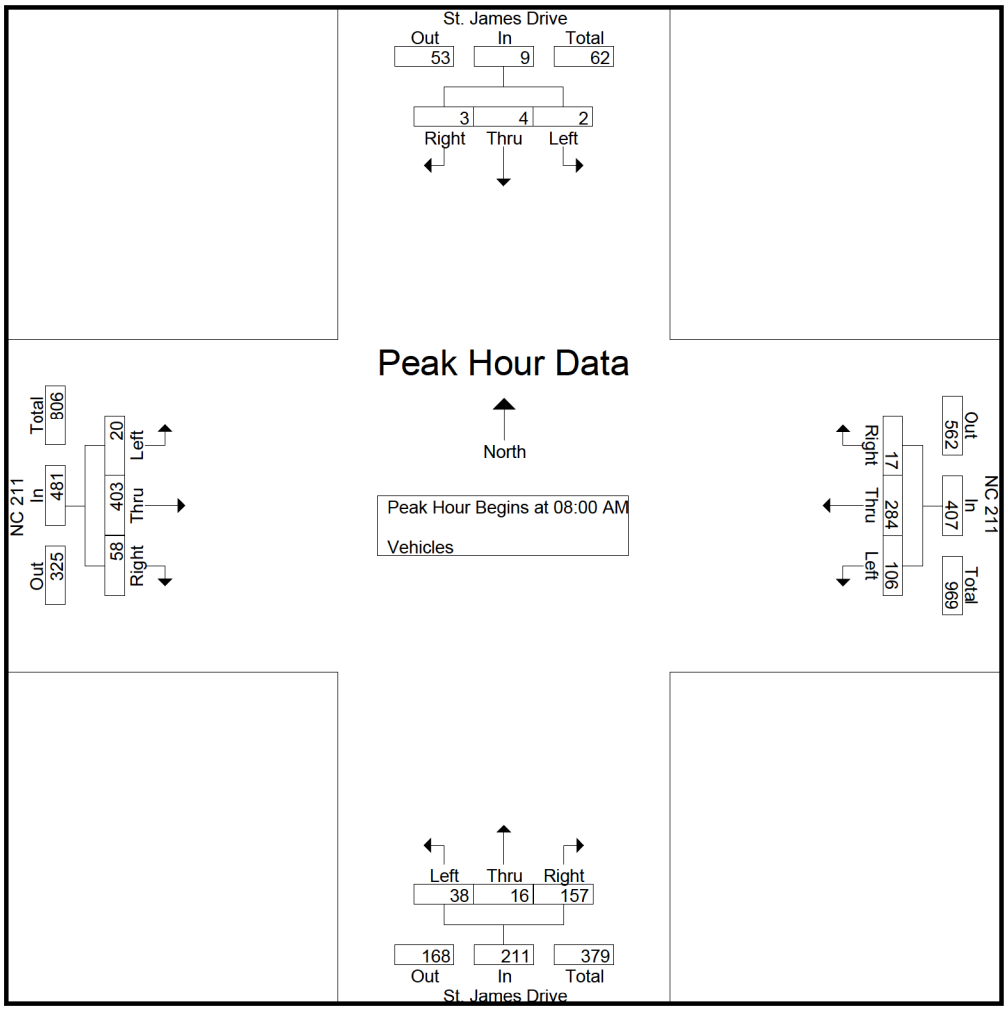
	St. James Drive Southbound				NC 211 Westbound				St. James Drive Northbound				NC 211 Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	**1**	1	**1**	**3**	**5**	65	21	91	22	0	4	26	16	106	3	125	245
08:15 AM	0	**2**	1	3	5	76	26	107	39	**8**	11	58	12	**110**	**9**	**131**	299
08:30 AM	1	1	0	2	3	65	28	96	42	5	10	57	12	88	4	104	259
08:45 AM	1	0	0	1	4	**78**	**31**	**113**	**54**	3	**13**	**70**	**18**	99	4	121	**305**
Total Volume	3	4	2	9	17	284	106	407	157	16	38	211	58	403	20	481	1108
% App. Total	33.3	44.4	22.2		4.2	69.8	26		74.4	7.6	18		12.1	83.8	4.2		
PHF	.750	.500	.500	.750	.850	.910	.855	.900	.727	.500	.731	.754	.806	.916	.556	.918	.908



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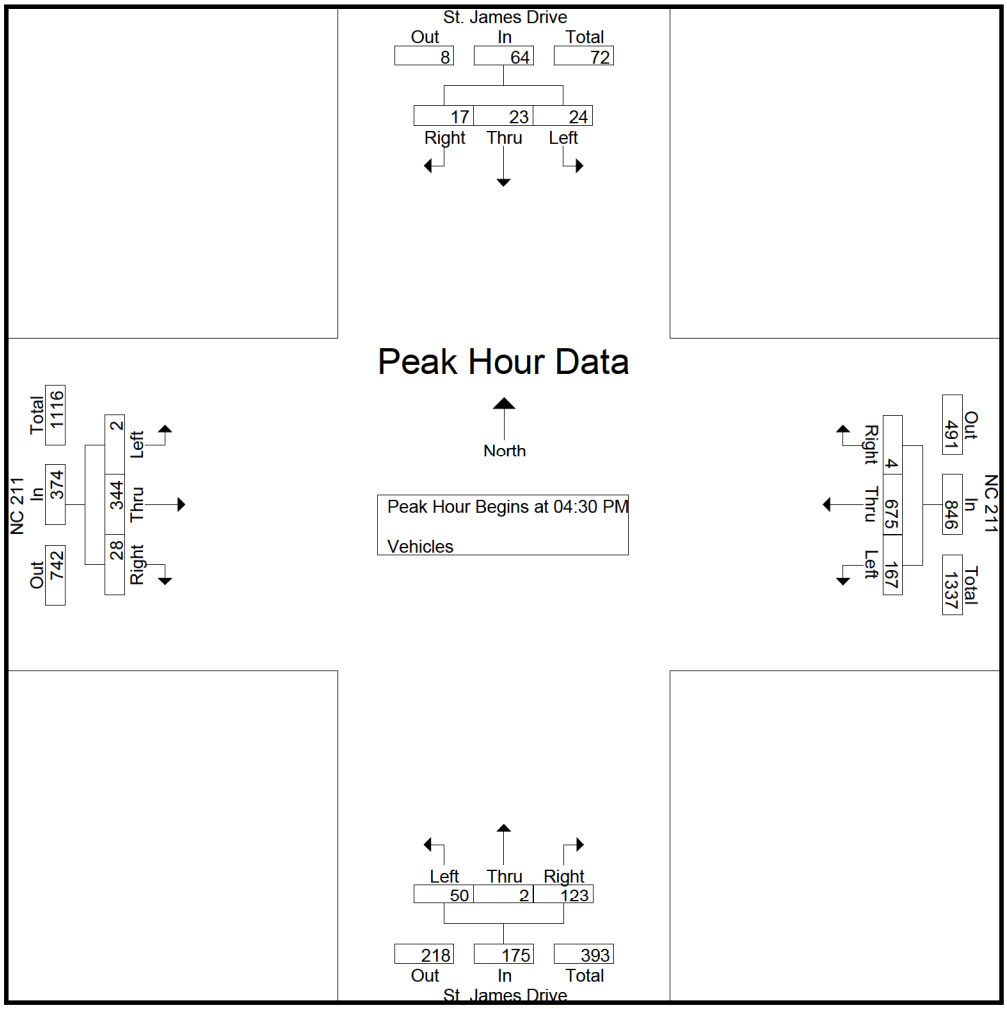
	St. James Drive Southbound				NC 211 Westbound				St. James Drive Northbound				NC 211 Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	2	7	**11**	**20**	1	143	47	191	25	**1**	12	38	**11**	**96**	0	**107**	356
04:45 PM	4	**10**	3	17	**2**	180	**48**	230	28	0	11	39	5	87	**1**	93	379
05:00 PM	**7**	2	3	12	1	152	33	186	31	0	11	42	4	76	1	81	321
05:15 PM	4	4	7	15	0	**200**	39	**239**	**39**	1	**16**	**56**	8	85	0	93	**403**
Total Volume	17	23	24	64	4	675	167	846	123	2	50	175	28	344	2	374	1459
% App. Total	26.6	35.9	37.5		0.5	79.8	19.7		70.3	1.1	28.6		7.5	92	0.5		
PHF	.607	.575	.545	.800	.500	.844	.870	.885	.788	.500	.781	.781	.636	.896	.500	.874	.905