RAMEY KEMP & ASSOCIATES
TRANSPORTATION ENGINEERS

5808 Faringdon Place, Suite 100
Raleigh, NC 27609
PH: 919 872-5115
FX: 919 878-5416

File Name : 2-3-15 Southport NC 211 & Midway Rd am&pm
Site Code : 02031511
Start Date : 2/3/2015
Page No : 1

Groups Printed- Cars & Trucks

	Midway Road Southbound					NC 211 Westbound					Midway Road Northbound					NC 211 Eastbound							
Start Time	Left	Thru	Right	Trucks	App. Total	Left	Thru	Right	Trucks	App. Total	Left	Thru	Right	Trucks	App. Total	Left	Thru	Right	Trucks	App. Total	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	17	18	4	0	39	7	30	14	1	51	17	35	24	0	76	0	45	14	2	59	3	225	228
07:15 AM	20	13	2	0	35	4	38	16	1	58	18	32	27	0	77	1	93	12	4	106	5	276	281
07:30 AM	28	21	0	0	49	9	38	29	7	76	32	35	28	0	95	1	83	18	6	102	13	322	335
07:45 AM	36	28	1	0	65	9	36	20	5	65	25	28	31	1	84	0	85	16	4	101	10	315	325
Total	101	80	7	0	188	29	142	79	14	250	92	130	110	1	332	2	306	60	16	368	31	1138	1169
08:00 AM	38	24	8	2	70	10	53	21	4	84	23	35	25	3	83	2	65	14	5	81	14	318	332
08:15 AM	30	20	2	2	52	11	40	42	2	93	21	32	26	2	79	1	70	10	6	81	12	305	317
08:30 AM	37	16	4	0	57	10	41	24	2	75	26	36	28	1	90	1	75	20	4	96	7	318	325
08:45 AM	23	15	1	4	39	17	40	28	3	85	19	22	22	2	63	2	69	21	4	92	13	279	292
Total	128	75	15	8	218	48	174	115	11	337	89	125	101	8	315	6	279	65	19	350	46	1220	1266
*** BREAK ***																							
04:00 PM	18	28	1	0	47	35	105	17	0	157	23	16	19	0	58	1	58	27	3	86	3	348	351
04:15 PM	22	29	3	0	54	29	116	24	7	169	27	23	17	3	67	4	54	26	2	84	12	374	386
04:30 PM	27	29	4	1	60	30	123	23	5	176	15	15	25	4	55	5	57	20	4	82	14	373	387
04:45 PM	23	27	0	0	50	24	109	24	3	157	26	36	15	0	77	2	67	23	0	92	3	376	379
Total	90	113	8	1	211	118	453	88	15	659	91	90	76	7	257	12	236	96	9	344	32	1471	1503
05:00 PM	35	38	4	1	77	38	136	40	5	214	26	23	9	2	58	5	56	28	1	89	9	438	447
05:15 PM	24	38	2	0	64	25	112	39	3	176	24	15	14	2	53	6	63	31	2	100	7	393	400
05:30 PM	18	24	1	0	43	28	107	33	2	168	17	15	15	1	47	6	53	16	2	75	5	333	338
05:45 PM	14	21	3	0	38	33	102	35	3	170	22	18	7	0	47	6	53	26	4	85	7	340	347
Total	91	121	10	1	222	124	457	147	13	728	89	71	45	5	205	23	225	101	9	349	28	1504	1532
Grand Total	410	389	40	10	839	319	1226	429	53	1974	361	416	332	21	1109	43	1046	322	53	1411	137	5333	5470
Apprch %	48.9	46.4	4.8			16.2	62.1	21.7			32.6	37.5	29.9			3	74.1	22.8					
Total %	7.7	7.3	0.8		15.7	6	23	8		37	6.8	7.8	6.2		20.8	0.8	19.6	6		26.5	2.5	97.5	

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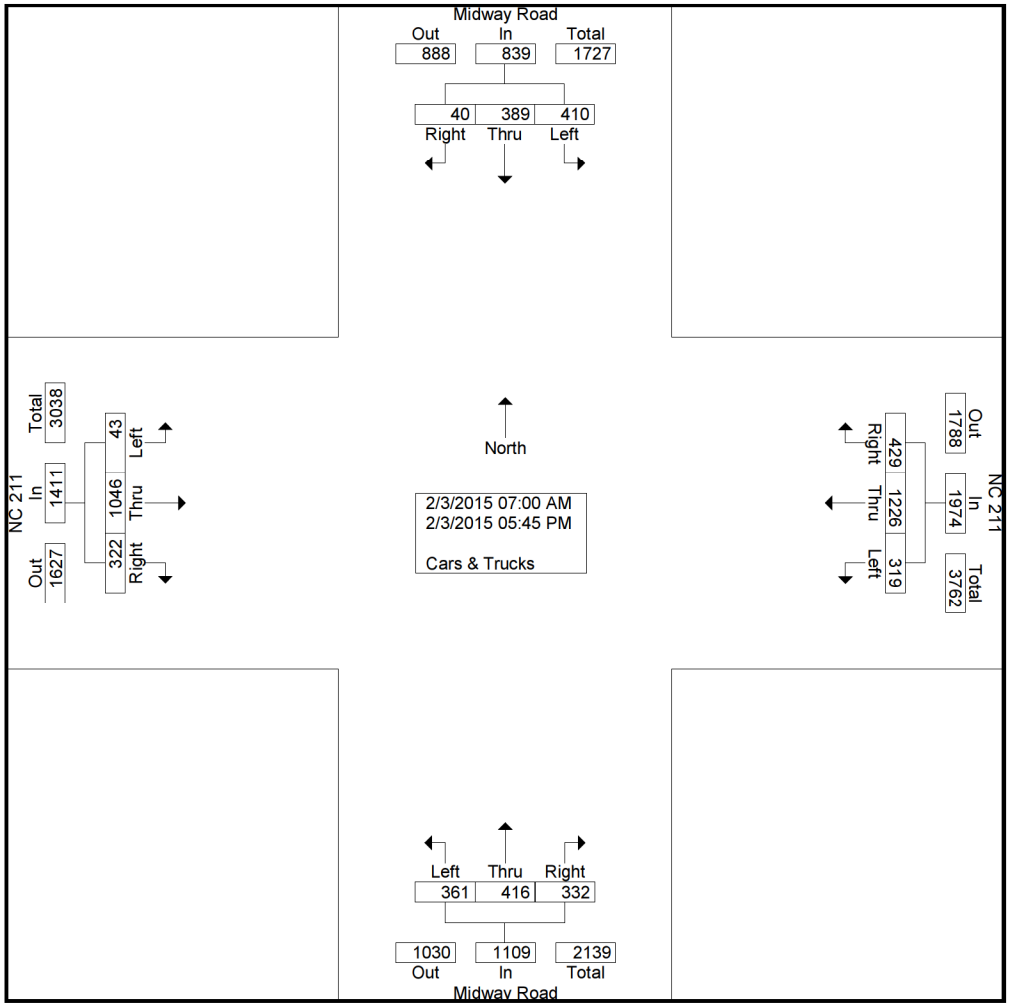

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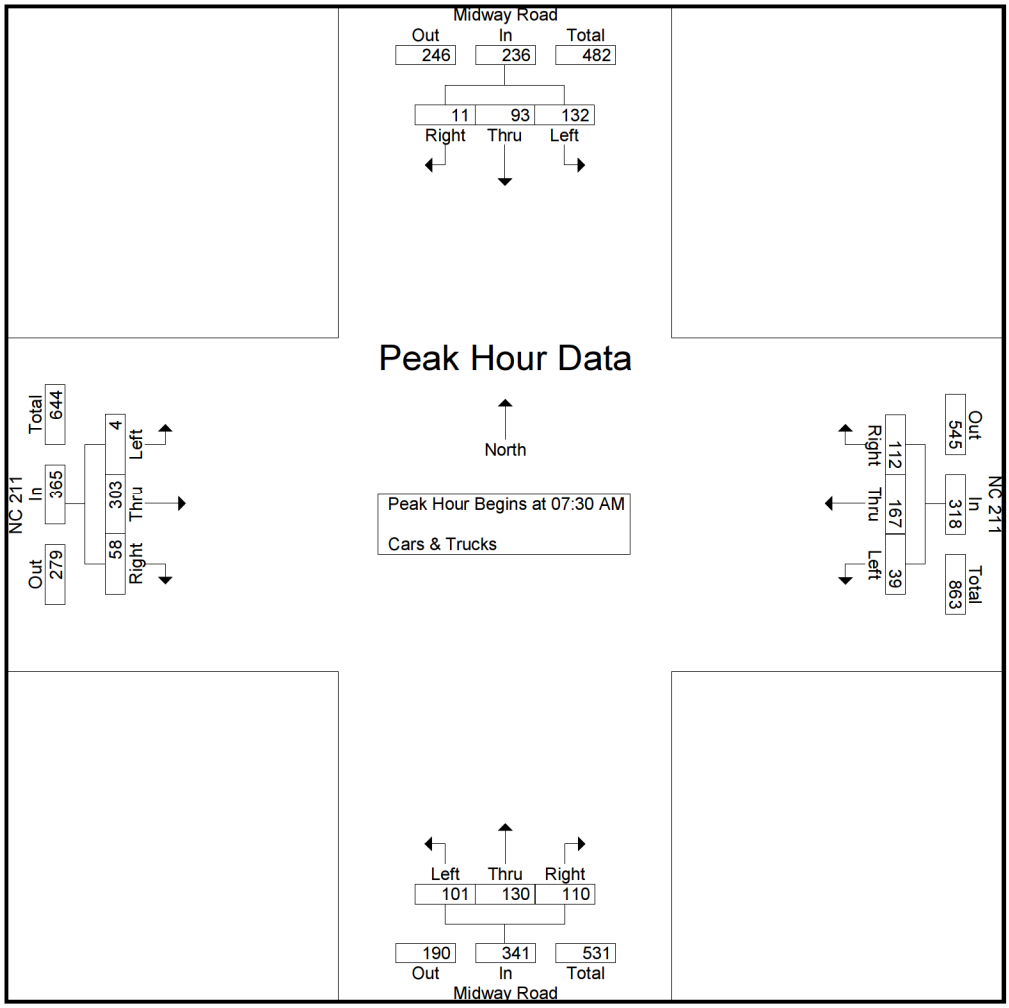
	Midway Road Southbound				NC 211 Westbound				Midway Road Northbound				NC 211 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	28	21	0	49	9	38	29	76	**32**	**35**	28	**95**	1	83	**18**	**102**	**322**
07:45 AM	36	**28**	1	65	9	36	20	65	25	28	**31**	84	0	**85**	16	101	315
08:00 AM	**38**	24	**8**	**70**	10	**53**	21	84	23	35	25	83	**2**	65	14	81	318
08:15 AM	30	20	2	52	**11**	40	**42**	**93**	21	32	26	79	1	70	10	81	305
Total Volume	132	93	11	236	39	167	112	318	101	130	110	341	4	303	58	365	1260
% App. Total	55.9	39.4	4.7		12.3	52.5	35.2		29.6	38.1	32.3		1.1	83	15.9		
PHF	.868	.830	.344	.843	.886	.788	.667	.855	.789	.929	.887	.897	.500	.891	.806	.895	.978



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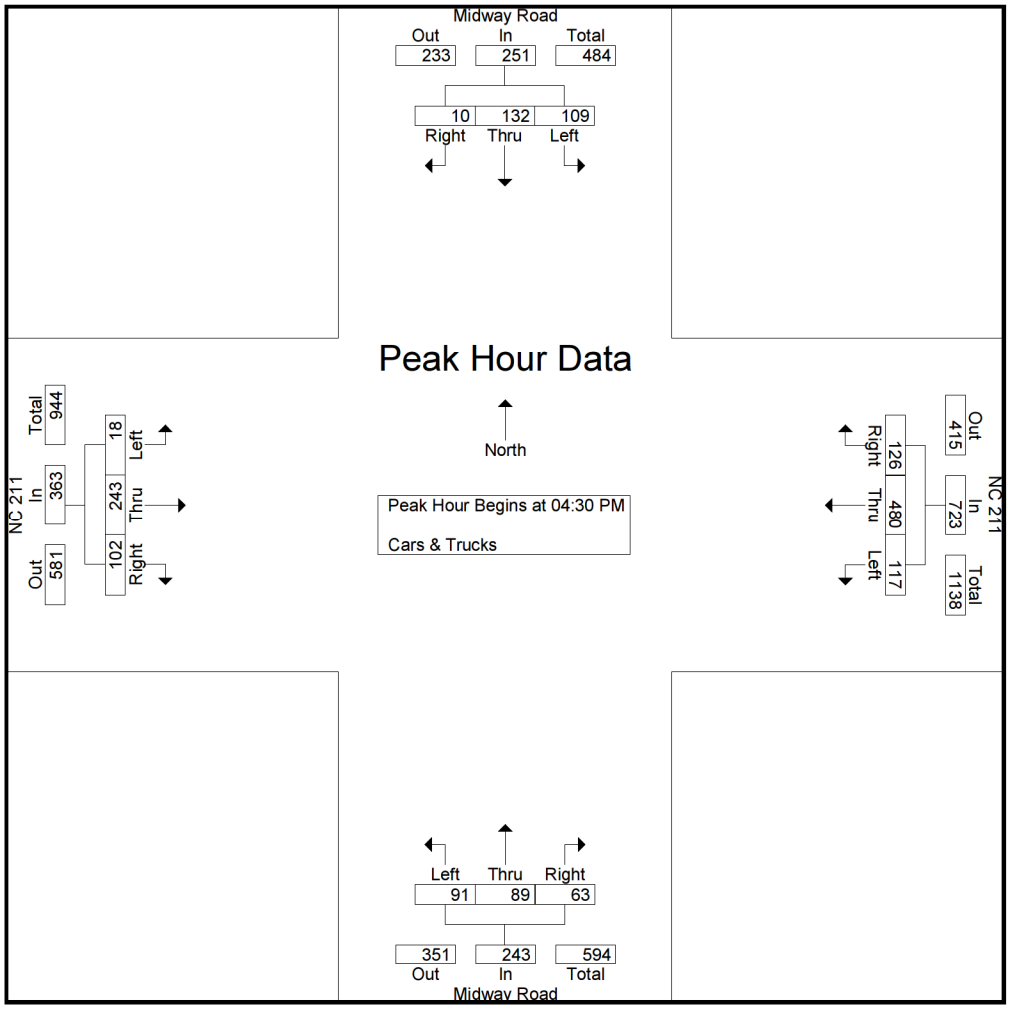
	Midway Road Southbound				NC 211 Westbound				Midway Road Northbound				NC 211 Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	27	29	**4**	60	30	123	23	176	15	15	**25**	55	5	57	20	82	373
04:45 PM	23	27	0	50	24	109	24	157	**26**	**36**	15	**77**	2	**67**	23	92	376
05:00 PM	**35**	**38**	4	**77**	**38**	**136**	**40**	**214**	26	23	9	58	5	56	28	89	**438**
05:15 PM	24	38	2	64	25	112	39	176	24	15	14	53	**6**	63	**31**	**100**	393
Total Volume	109	132	10	251	117	480	126	723	91	89	63	243	18	243	102	363	1580
% App. Total	43.4	52.6	4		16.2	66.4	17.4		37.4	36.6	25.9		5	66.9	28.1		
PHF	.779	.868	.625	.815	.770	.882	.788	.845	.875	.618	.630	.789	.750	.907	.823	.908	.902