RAMEY KEMP & ASSOCIATES
TRANSPORTATION ENGINEERS

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

File Name : S. Glenburnie Road and Trent Road
Site Code : 05202015
Start Date : 5/20/2015
Page No : 1

Groups Printed- Cars/Trucks

	Glenburnie Road Southbound				Trent Road Westbound				Glenburnie Road Northbound				Trent Road Eastbound						
Start Time	Right	Thru	Left	Trks	Right	Thru	Left	Trks	Right	Thru	Left	Trks	Right	Thru	Left	Trks	Exclu. Total	Inclu. Total	Int. Total
11:00 AM	6	4	24	0	29	36	8	0	7	10	3	0	5	50	6	0	0	188	188
11:15 AM	6	6	42	0	19	37	9	0	8	10	3	0	5	30	6	0	0	181	181
11:30 AM	8	7	28	0	31	48	9	0	12	7	5	0	7	42	6	0	0	210	210
11:45 AM	9	12	35	0	36	46	10	0	6	14	0	0	7	41	4	0	0	220	220
Total	29	29	129	0	115	167	36	0	33	41	11	0	24	163	22	0	0	799	799
12:00 PM	8	6	43	0	38	51	8	0	7	10	11	0	4	34	5	1	1	225	226
12:15 PM	11	4	48	0	29	51	8	0	6	8	2	0	8	37	1	1	1	213	214
12:30 PM	8	8	38	0	29	32	13	0	7	9	3	0	2	39	5	0	0	193	193
12:45 PM	8	10	36	0	28	57	12	0	11	11	3	0	1	42	5	1	1	224	225
Total	35	28	165	0	124	191	41	0	31	38	19	0	15	152	16	3	3	855	858
01:00 PM	9	7	38	0	27	37	8	0	10	15	2	0	2	34	5	0	0	194	194
01:15 PM	8	4	41	0	24	48	7	0	6	7	4	0	2	40	5	0	0	196	196
01:30 PM	10	7	32	0	24	36	7	0	8	8	0	0	3	22	5	0	0	162	162
01:45 PM	5	5	34	0	25	39	4	0	8	10	3	0	1	35	6	0	0	175	175
Total	32	23	145	0	100	160	26	0	32	40	9	0	8	131	21	0	0	727	727
*** BREAK ***																			
04:00 PM	9	2	37	0	32	53	5	0	3	3	1	0	4	33	3	0	0	185	185
04:15 PM	10	7	30	0	30	58	3	0	6	6	6	0	1	42	6	0	0	205	205
04:30 PM	6	3	34	0	25	47	5	0	2	7	1	0	0	34	4	0	0	168	168
04:45 PM	10	2	44	0	33	59	3	0	8	4	2	0	4	51	9	0	0	229	229
Total	35	14	145	0	120	217	16	0	19	20	10	0	9	160	22	0	0	787	787
05:00 PM	9	2	41	0	29	57	2	0	5	9	1	0	1	50	4	0	0	210	210
05:15 PM	11	1	43	0	26	60	2	0	2	8	0	0	0	34	4	0	0	191	191
05:30 PM	8	0	31	0	19	50	0	0	5	9	1	0	0	53	6	0	0	182	182
05:45 PM	10	1	37	0	26	53	4	0	4	6	2	0	0	41	5	0	0	189	189
Total	38	4	152	0	100	220	8	0	16	32	4	0	1	178	19	0	0	772	772
*** BREAK ***																			
Grand Total	169	98	736	0	559	955	127	0	131	171	53	0	57	784	100	3	3	3940	3943
Apprch %	16.8	9.8	73.4		34.1	58.2	7.7		36.9	48.2	14.9		6.1	83.3	10.6				
Total %	4.3	2.5	18.7		14.2	24.2	3.2		3.3	4.3	1.3		1.4	19.9	2.5		0.1	99.9	

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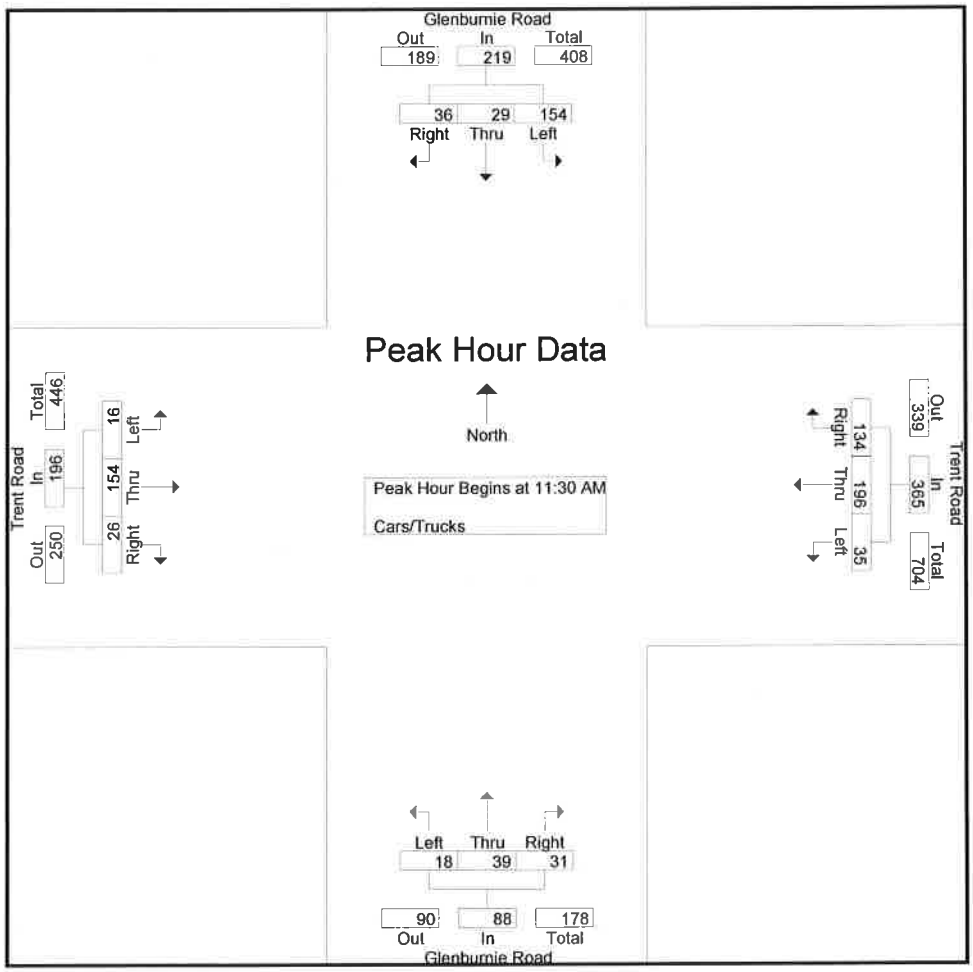
Site Code : 05202015
Start Date : 5/20/2015
Page No : 2

	Glenburnie Road Southbound				Trent Road Westbound				Glenburnie Road Northbound				Trent Road 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 11:00 AM to 02:00 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 11:30 AM																	
11:30 AM	8	7	28	43	31	48	9	88	**12**	7	5	24	7	**42**	**6**	**55**	210
11:45 AM	9	**12**	35	56	36	46	**10**	92	6	**14**	0	20	7	41	4	52	220
12:00 PM	8	6	43	57	**38**	**51**	8	**97**	7	10	**11**	**28**	4	34	5	43	**225**
12:15 PM	**11**	4	**48**	**63**	29	51	8	88	6	8	2	16	**8**	37	1	46	213
Total Volume	36	29	154	219	134	196	35	365	31	39	18	88	26	154	16	196	868
% App. Total	16.4	13.2	70.3		36.7	53.7	9.6		35.2	44.3	20.5		13.3	78.6	8.2		
PHF	.818	.604	.802	.869	.882	.961	.875	.941	.646	.696	.409	.786	.813	.917	.667	.891	.964



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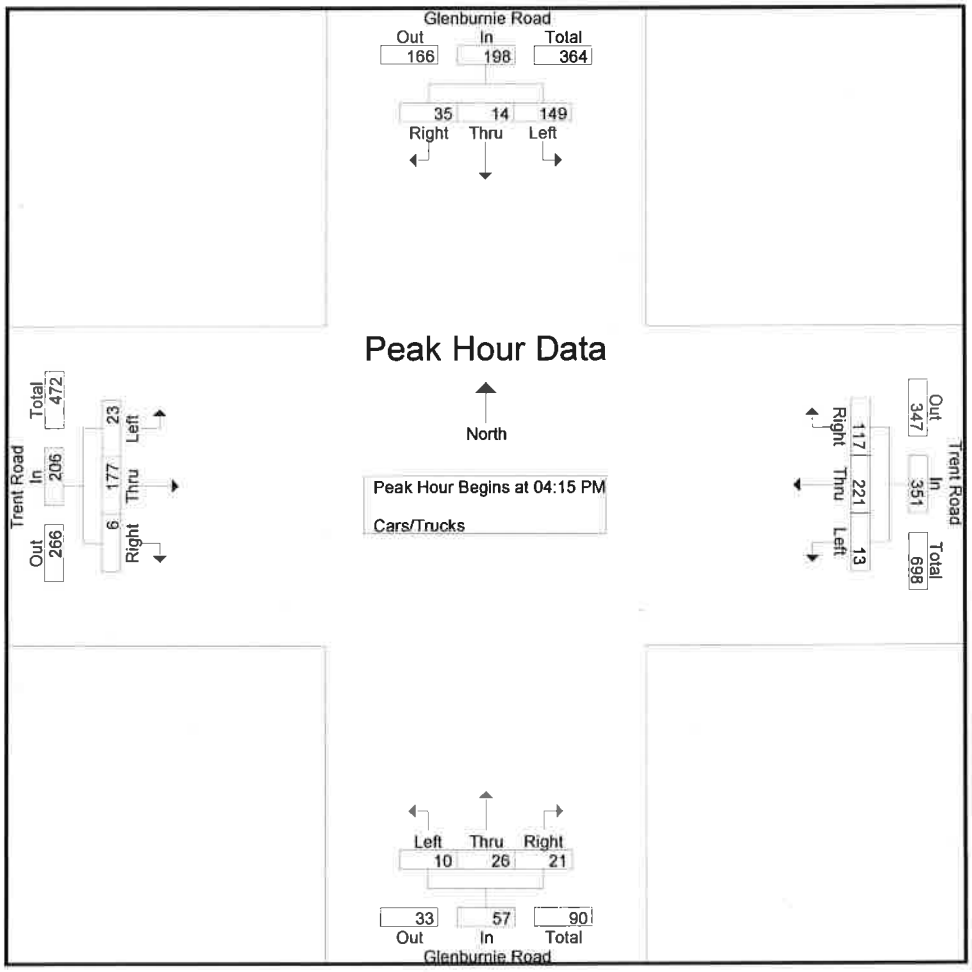
	Glenburnie Road Southbound				Trent Road Westbound				Glenburnie Road Northbound				Trent Road Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 06:00 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	**10**	**7**	30	47	30	58	3	91	6	6	**6**	**18**	1	42	6	49	205
04:30 PM	6	3	34	43	25	47	**5**	77	2	7	1	10	0	34	4	38	168
04:45 PM	10	2	**44**	**56**	**33**	**59**	3	**95**	**8**	4	2	14	**4**	**51**	**9**	**64**	**229**
05:00 PM	9	2	41	52	29	57	2	88	5	**9**	1	15	1	50	4	55	210
Total Volume	35	14	149	198	117	221	13	351	21	26	10	57	6	177	23	206	812
% App. Total	17.7	7.1	75.3		33.3	63	3.7		36.8	45.6	17.5		2.9	85.9	11.2		
PHF	.875	.500	.847	.884	.886	.936	.650	.924	.656	.722	.417	.792	.375	.868	.639	.805	.886



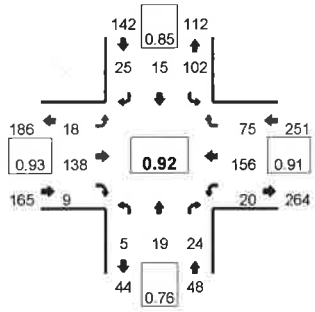
Type of peak hour being reported: Intersection Peak

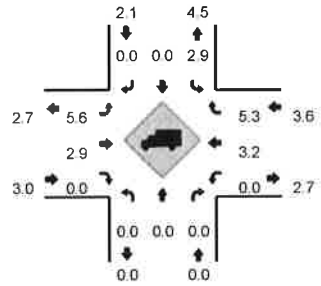
Method for determining peak hour: Total Entering Volume

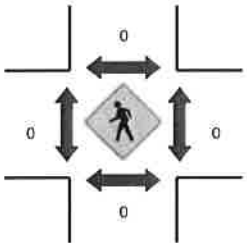
LOCATION: S Gleburnie Rd -- Trent Rd
CITY/STATE: New Bern, NC

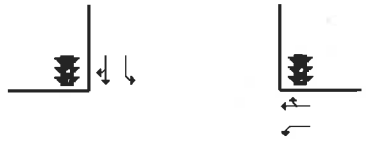
QC JOB #: 13348910
DATE: Sat, May 16 2015

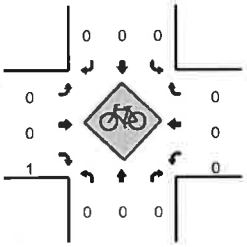
Peak-Hour: 11:45 AM -- 12:45 PM
Peak 15-Min: 12:30 PM -- 12:45 PM

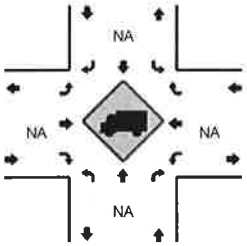


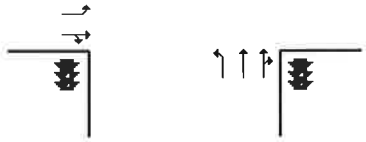


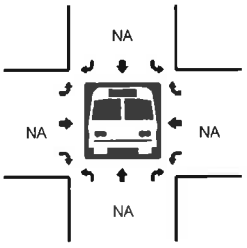












15-Min Count Period Beginning At	S Gleburnie Rd (Northbound)				S Gleburnie Rd (Southbound)				Trent Rd (Eastbound)				Trent Rd (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
11:00 AM	0	9	6	0	30	6	3	0	3	25	2	0	6	29	18	0	137	
11:15 AM	0	7	6	0	22	5	7	0	4	30	2	0	7	43	18	0	151	
11:30 AM	0	6	9	0	29	10	7	0	3	33	2	0	4	40	17	0	160	
11:45 AM	0	4	9	0	27	3	7	0	0	31	1	0	6	36	26	0	150	598
12:00 PM	1	4	2	0	30	3	7	0	4	36	2	0	4	31	14	0	138	599
12:15 PM	2	6	7	0	16	2	9	0	5	37	4	0	6	44	15	0	153	601
12:30 PM	2	5	6	0	29	7	2	0	9	34	2	0	4	45	20	0	165	606
12:45 PM	2	6	11	0	21	5	7	0	5	31	2	0	5	32	13	0	140	596
1:00 PM	3	6	2	0	21	6	8	0	4	28	1	0	2	39	12	0	132	590
1:15 PM	1	6	4	0	29	3	6	0	4	36	2	0	4	36	14	0	145	582
1:30 PM	0	1	4	0	25	2	5	0	1	33	2	0	6	38	12	0	129	546
1:45 PM	1	6	7	0	19	4	2	0	7	35	1	0	1	39	12	0	134	540

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	8	20	24	0	116	28	8	0	36	136	8	0	16	180	80	0	660
Heavy Trucks	0	0	0		4	0	0		0	8	0		0	4	8		24
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Railroad																	
Stopped Buses																	

Comments:

Report generated on 5/27/2015 10:32 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212