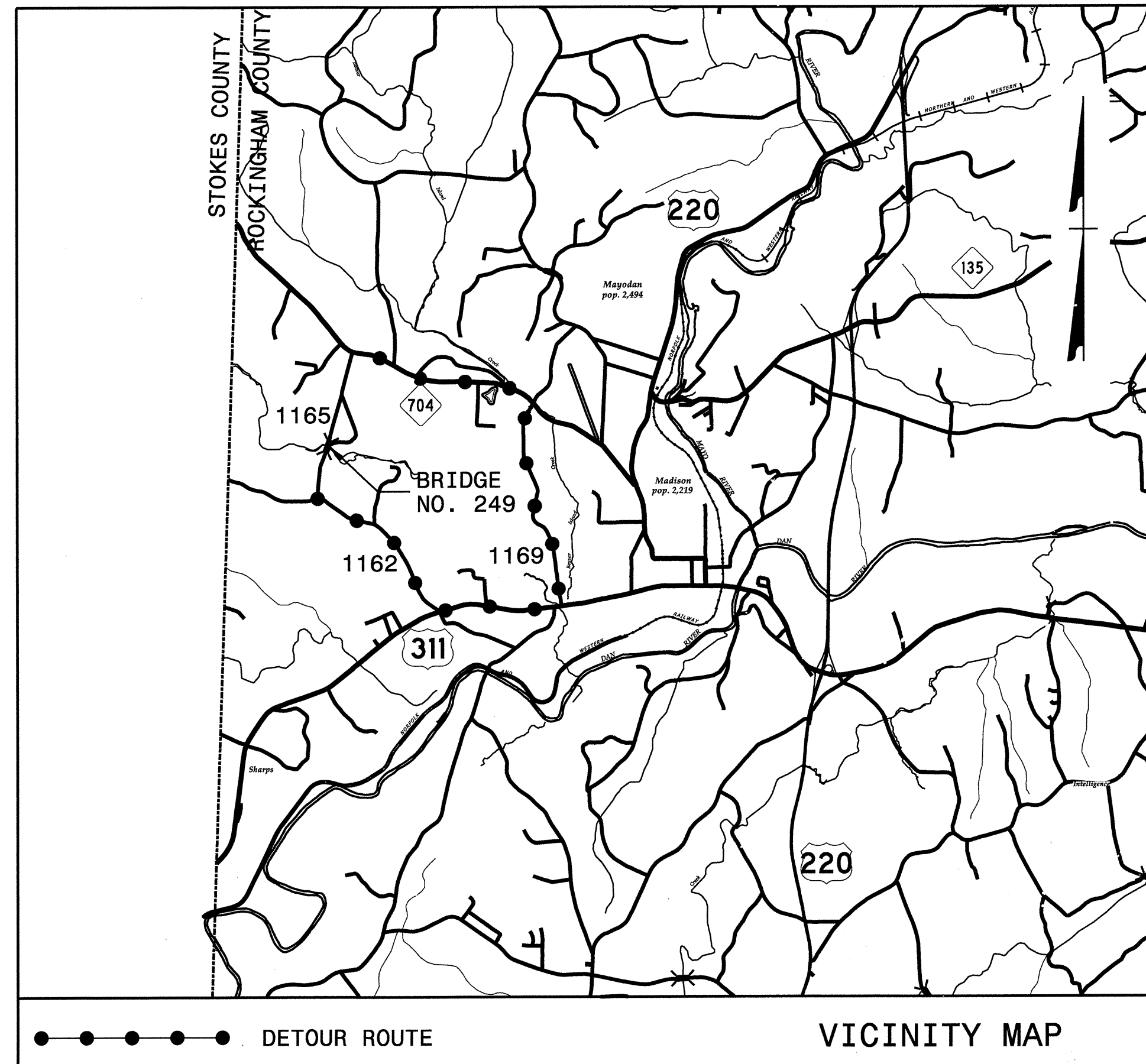
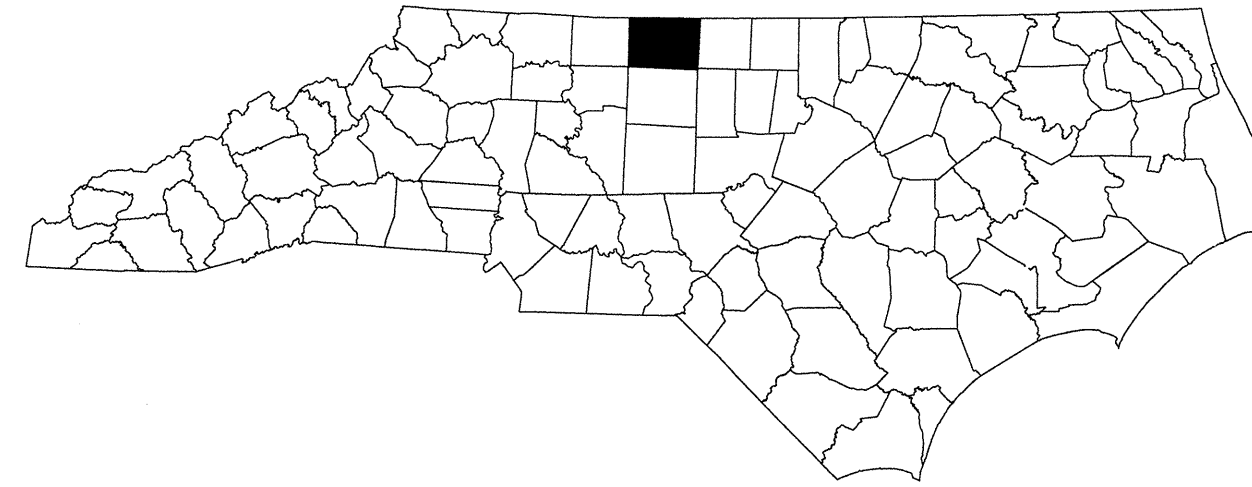


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

ROCKINGHAM COUNTY

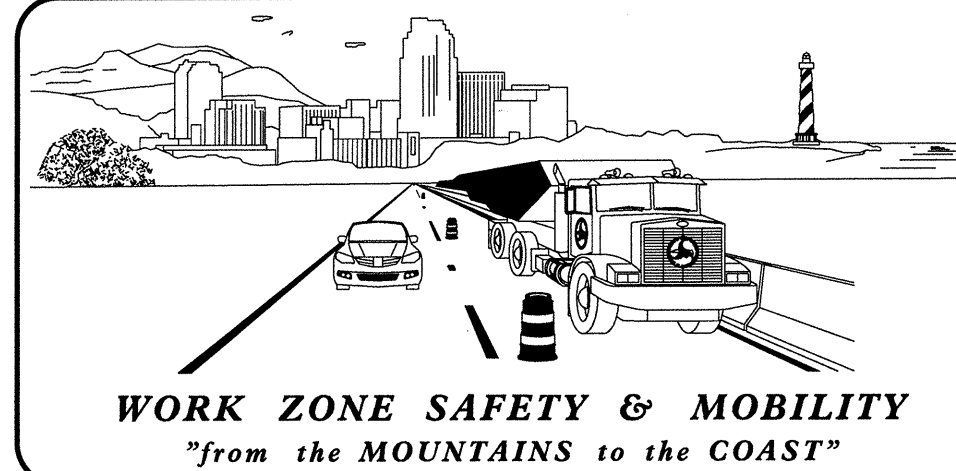


INDEX OF SHEETS	
SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-1B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, TRAFFIC CONTROL PHASING)
TMP-2	SPECIAL SIGN DESIGN
TMP-3	TEMPORARY TRAFFIC CONTROL OFF-SITE DETOUR DETAIL

SHEET NO.
TMP-1

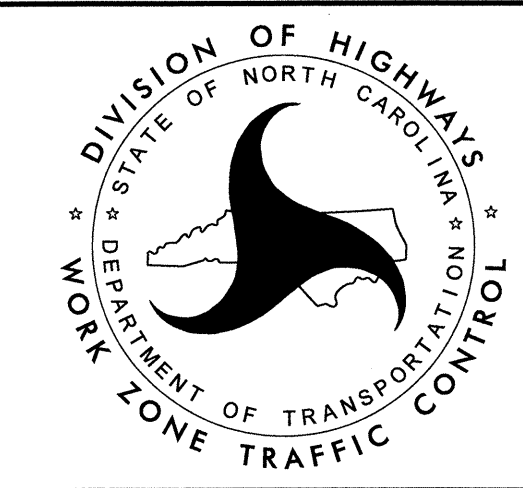
B-4965

TIP PROJECT:



N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 773-2800 FAX: (919) 771-2745

J. S. BOURNE, P.E. STATE TRAFFIC MANAGEMENT ENGINEER
J. ISHAK, PE TRAFFIC CONTROL PROJECT ENGINEER
B. SCHOENBAUER, PE TRAFFIC CONTROL PROJECT DESIGN ENGINEER
S. JENNINGS TRAFFIC CONTROL DESIGN ENGINEER



PLANS PREPARED BY:
RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 (919) 878-9560

APPROVED: _____
DATE: _____

SEAL

11/30/2012
B4965-TMP-TSH.dgn
KJisby

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
1101.03	TEMPORARY ROAD CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1145.01	BARRICADES
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.
- TEMP. SHORING (LOCATION PURPOSES ONLY)
- WORK AREA
- REMOVAL

TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)
- CONE
- DRUM SKINNY DRUM TUBULAR MARKER
- TEMPORARY CRASH CUSHION
- FLASHING ARROW BOARD
- FLAGGER
- LAW ENFORCEMENT
- TRUCK MOUNTED ATTENUATOR (TMA)
- CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

11/30/2012
B4965_TMP_RSDLEGEND_PSH.dgn
Kbfsby

<p>PLANS PREPARED BY :</p> <p style="font-size: 2em; font-weight: bold; text-align: center;">RK&K</p> <p style="font-size: 0.8em;">RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE SUITE 350 RALEIGH, NORTH CAROLINA 27609-3960 NC LICENSE NO. F-0112 • (919) 878-9560</p>	<p>APPROVED: _____ DATE: _____</p> <p style="text-align: center;">SEAL</p> <p style="text-align: center;"> </p>	<p style="text-align: center;"> </p>	<p>ROADWAY STANDARD DRAWINGS & LEGEND</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------	--------------------------------------	------------------------------------------------------

MANAGEMENT STRATEGIES

- ERECT OFF-SITE DETOUR SIGNING.
- CLOSE SR 1165 (CARDINAL RD) AND SR 1183 (CREEK LOOP) TO THROUGH TRAFFIC.
- DEMOLISH EXISTING BRIDGE
- CONSTRUCT PROPOSED SR 1165 (CARDINAL RD) ROADWAY APPROACHES AND BRIDGE NO. 249.
- CONSTRUCT SR 1183 (CREEK LOOP).
- OPEN SR 1165 (CARDINAL RD) AND SR 1183 (CREEK LOOP) TO TRAFFIC.

TRAFFIC CONTROL PHASING

PHASE I

STEP 1:
ERECT OFF-SITE DETOUR SIGNING AS SHOWN ON SHEET TMP-3.

STEP 2:
USING RDWY STD 1101.03 SHEET 1, CLOSE SR 1165 (CARDINAL RD). NO ADDITIONAL SIGNING WILL BE REQUIRED FOR CLOSING THE SOUTH END OF SR 1183 (CREEK LOOP)

PHASE III

STEP 1:
REMOVE THE EXISTING STRUCTURE AND CONSTRUCT THE PROPOSED STRUCTURE AND APPROACHES. CONSTRUCT -Y- SR 1183 (CREEK LOOP), AND REMOVE EXISTING PAVEMENT IN ACCORDANCE WITH THE ROADWAY PLAN.

STEP 2:
PLACE THE FINAL PAVEMENT MARKINGS AND MARKERS IN ACCORDANCE WITH THE PAVEMENT MARKING PLAN.

PHASE III

REMOVE THE DETOUR SIGNING, TEMPORARY TRAFFIC CONTROL DEVICES, AND OPEN SR 1165 (CARDINAL RD) AND SR 1183 (CREEK LOOP) TO TRAFFIC.

GENERAL NOTES / LOCAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRABLE OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

TRAFFIC PATTERN ALTERATIONS

- A) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

- B) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

- C) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

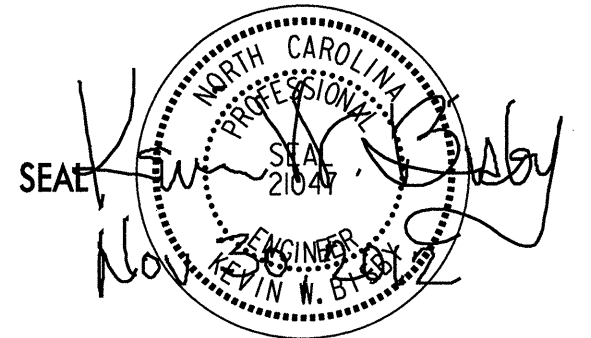
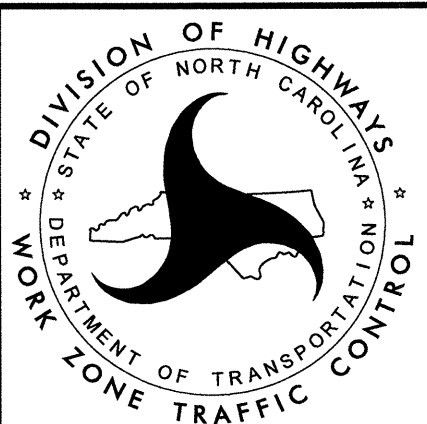
- D) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

TRAFFIC CONTROL DEVICES

- E) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

PAVEMENT MARKINGS AND MARKERS

- F) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE.
G) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

<p>PLANS PREPARED BY :</p> <p style="font-size: 2em; font-weight: bold; margin: 0;">RK&K</p> <p style="font-size: 0.8em; margin: 0;">RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE SUITE 350 RALEIGH, NORTH CAROLINA 27609-3960 NC LICENSE NO. F-0112 • (919) 878-9560</p>	<p>APPROVED: _____ DATE: _____</p> <div style="text-align: center;">  </div>	<div style="text-align: center;">  </div>	<h1 style="margin: 0;">TRANSPORTATION OPERATIONS PLAN</h1>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------

