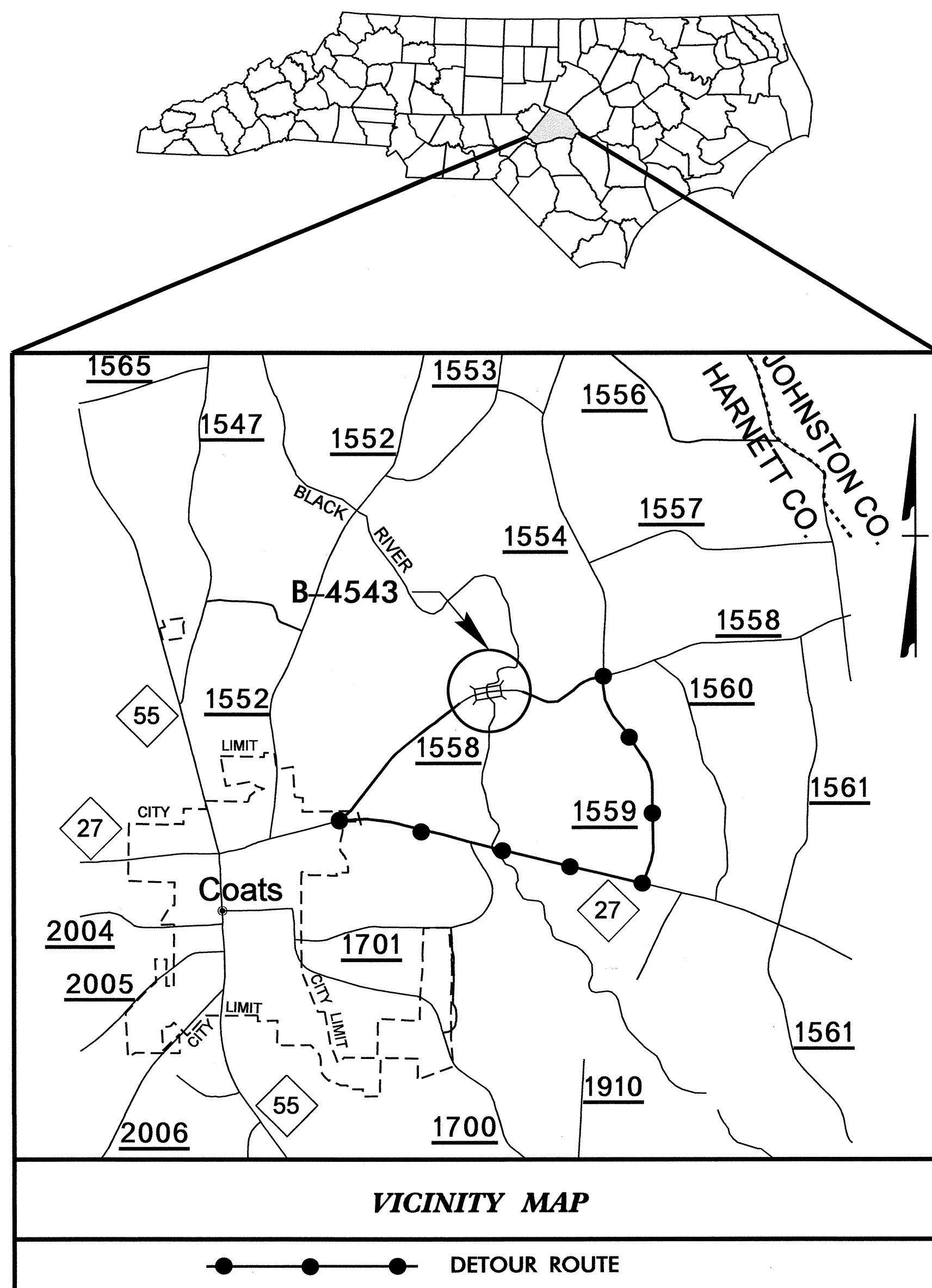


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**TRANSPORTATION MANAGEMENT PLAN**

**HARNETT COUNTY**



**INDEX OF SHEETS**

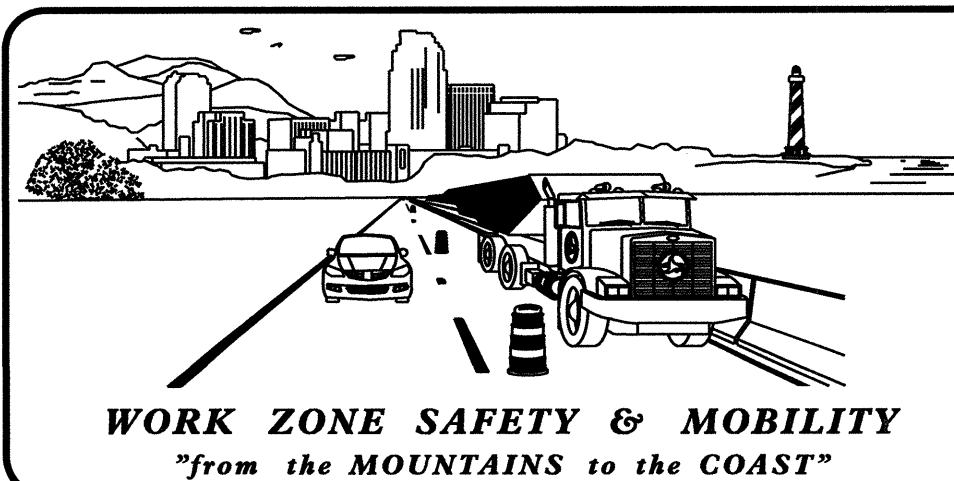
| SHEET NO. | TITLE  |
|-----------|--|
| TMP-1     | TITLE SHEET AND INDEX OF SHEETS  |
| TMP-1A    | LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS AND LEGEND                            |
| TMP-1B    | TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES AND PHASING) |
| TMP-2     | OFF-SITE DETOUR ROUTE AND BARRICADE PLACEMENT                                      |
| SD - 1    | SPECIAL SIGN DESIGN  |

SHEET NO.  
TMP-1

**B-4543**

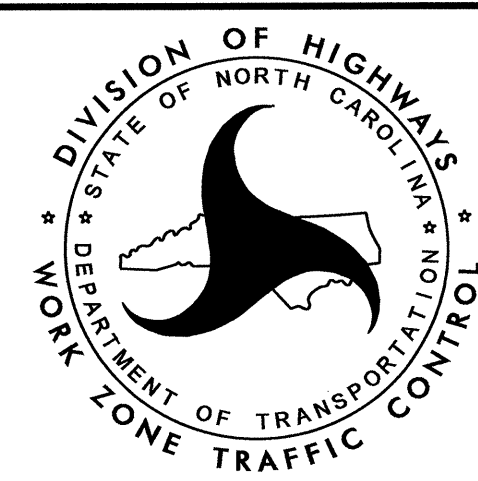
**TIP PROJECT:**

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**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  
JOSEPH ISHAK, P.E. TRAFFIC CONTROL PROJECT ENGINEER  
TRAFFIC CONTROL PROJECT DESIGN ENGINEER  
ALLA LYUDMIRSKAYA TRAFFIC CONTROL DESIGN ENGINEER



APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_

SEAL

## 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:

| STD. NO. | TITLE                         |
|----------|-------------------------------|
| 1101.03  | TEMPORARY ROAD CLOSURES       |
| 1101.11  | TRAFFIC CONTROL DESIGN TABLES |
| 1110.01  | STATIONARY WORK ZONE SIGNS    |
| 1145.01  | BARRICADES                    |

## LEGEND

### GENERAL

- DIRECTION OF TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.
- WORK AREA


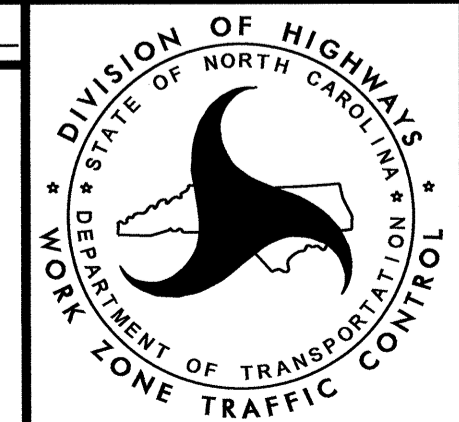
### TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)
- CONE
- DRUM    SKINNY DRUM    TUBULAR MARKER
- FLASHING ARROW PANEL (TYPE C)
- FLAGGER
- TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
- CHANGEABLE MESSAGE SIGN

### TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

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|---|---|---|
| APPROVED: _____ DATE: _____<br><div style="text-align: center;"> <br/>           SEAL         </div> |  | <b>ROADWAY STANDARD DRAWINGS &amp; LEGEND</b> |
|---|---|---|

## MANAGEMENT STRATEGIES

- DURING REPLACEMENT OF THE EXISTING BRIDGE No.120 OVER THE BLACK CREEK, SR 1558 (EBENEZER CHURCH RD.) WILL BE CLOSED TO THROUGH TRAFFIC FROM -L- STA.12+35+/- TO -L- STA.17+05+/- . THE EBENEZER CHURCH RD. TRAFFIC WILL BE DETOURED OFF-SITE VIA NC 27 TO SR 1559 BACK TO SR 1558.
- ACCESS TO ALL RESIDENCES MUST BE PROVIDED AT ALL TIMES WITHIN THE PROJECT LIMITS.

## GENERAL 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 UNDESIRE 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 PERMANENT SIGNING.
- C) 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.

- D) 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.

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

### TRAFFIC CONTROL DEVICES

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

### PAVEMENT MARKINGS AND MARKERS

- G) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS SHOWN IN THE PAVEMENT MARKING PLAN.
- H) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

## PHASING

MAINTAIN ACCESS TO ALL RESIDENCES AT ALL TIMES WITHIN THE PROJECT LIMITS

### STEP 1:

USING RSD 1101.03, SHEET 1 OF 9, SHEETS TMP-2 AND SD-1, INSTALL DETOUR SIGNS, PLACE TYPE III BARRICADES TO CLOSE SR 1558 (EBENEZER CHURCH RD.) TO THROUGH TRAFFIC, AND DETOUR TRAFFIC OFF-SITE.

### STEP 2:

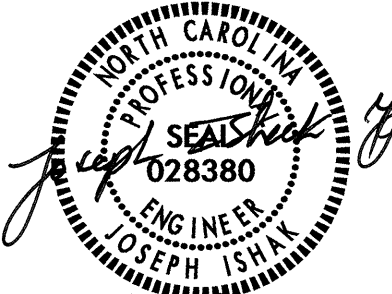
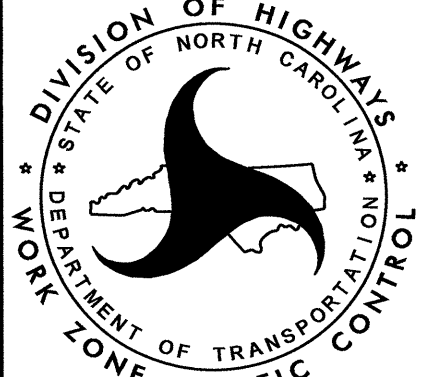
AWAY FROM TRAFFIC, COMPLETE THE FOLLOWING:  
(SEE ROADWAY AND STRUCTURE PLANS).

- 1) REMOVE EXISTING STRUCTURE No.120, AND CONSTRUCT THE PROPOSED STRUCTURE FROM -L- STA.14+16.81 TO -L- STA.15+24.19.
- 2) CONSTRUCT PROPOSED ROADWAY UP TO AND INCLUDING FINAL LAYER OF SURFACE COURSE FROM -L- STA.12+35+/- TO -L- STA.17+05+/- .
- 3) USING THE PAVEMENT MARKING PLAN, PLACE FINAL PAVEMENT MARKINGS AND MARKERS FROM -L- STA.12+35+/- TO -L- STA.17+05+/- , AND TIE INTO EXISTING PAVEMENT MARKINGS.

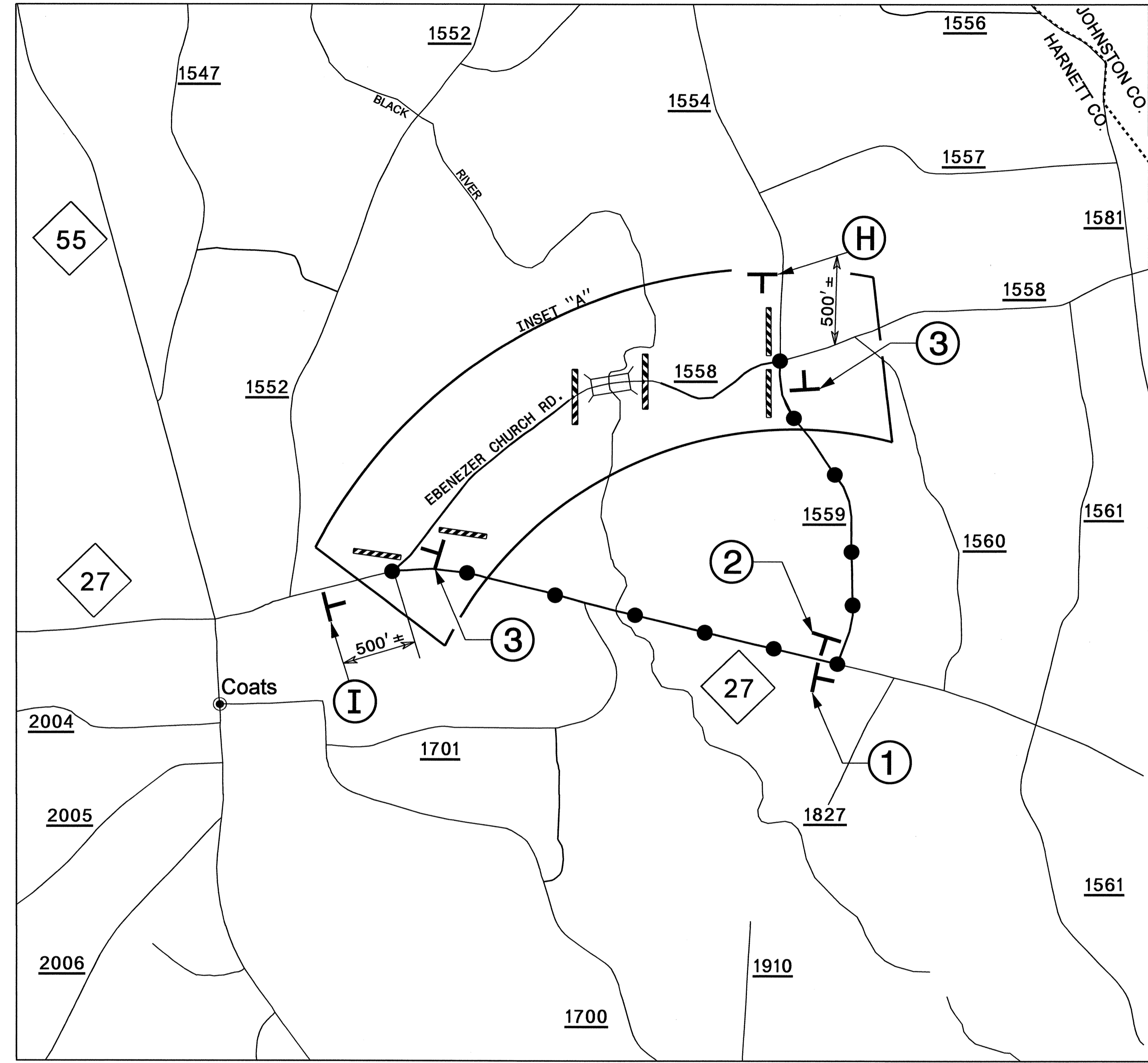
### STEP 3:

REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES AND DETOUR SIGNING. OPEN SR 1558 (EBENEZER CHURCH RD.) TO PROPOSED TRAFFIC PATTERN.

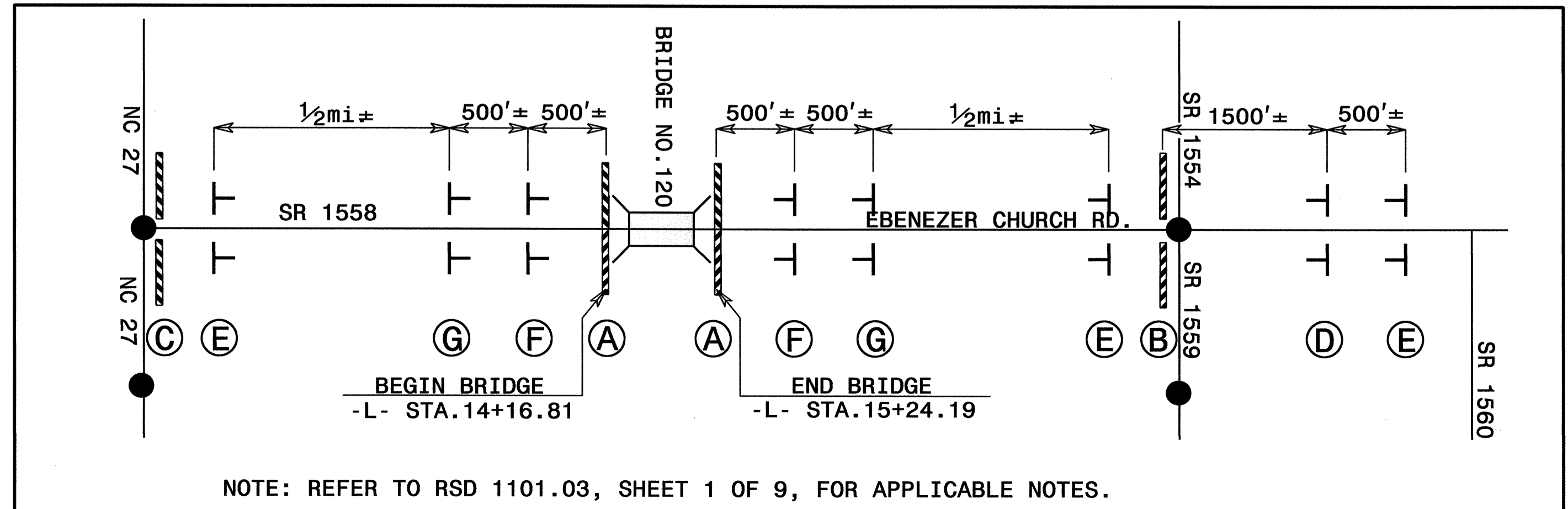
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| APPROVED: _____ DATE: _____<br><br> |  | <h1 style="margin: 0;">TRANSPORTATION<br/>OPERATION PLAN</h1> |
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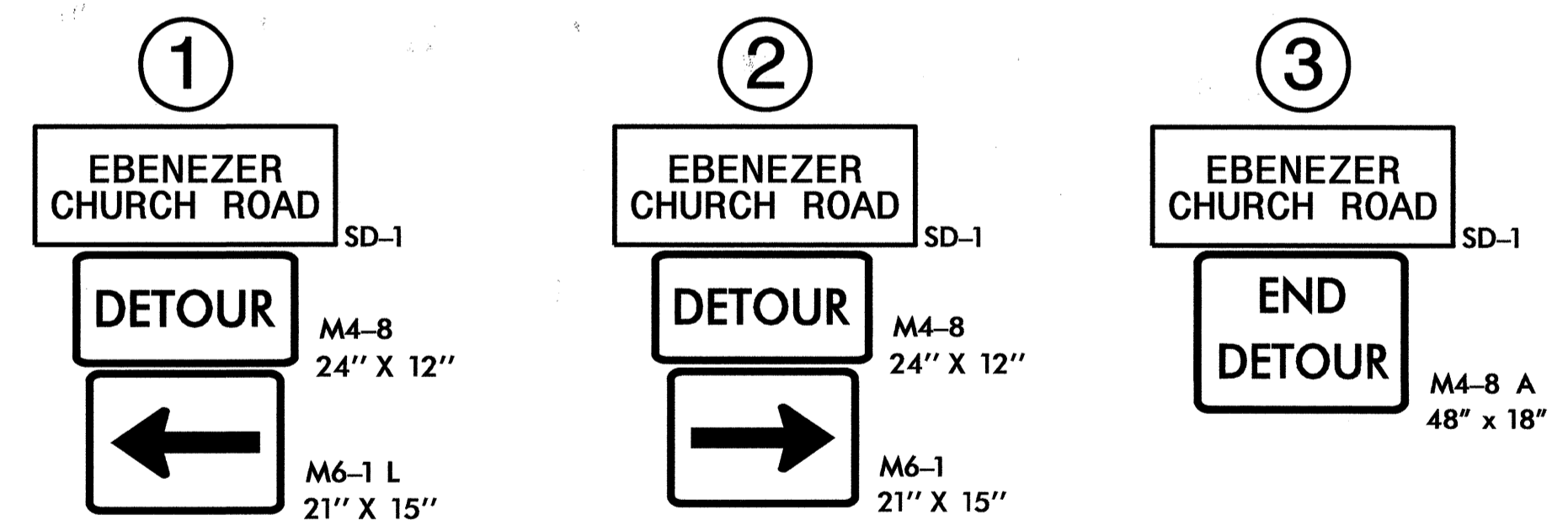
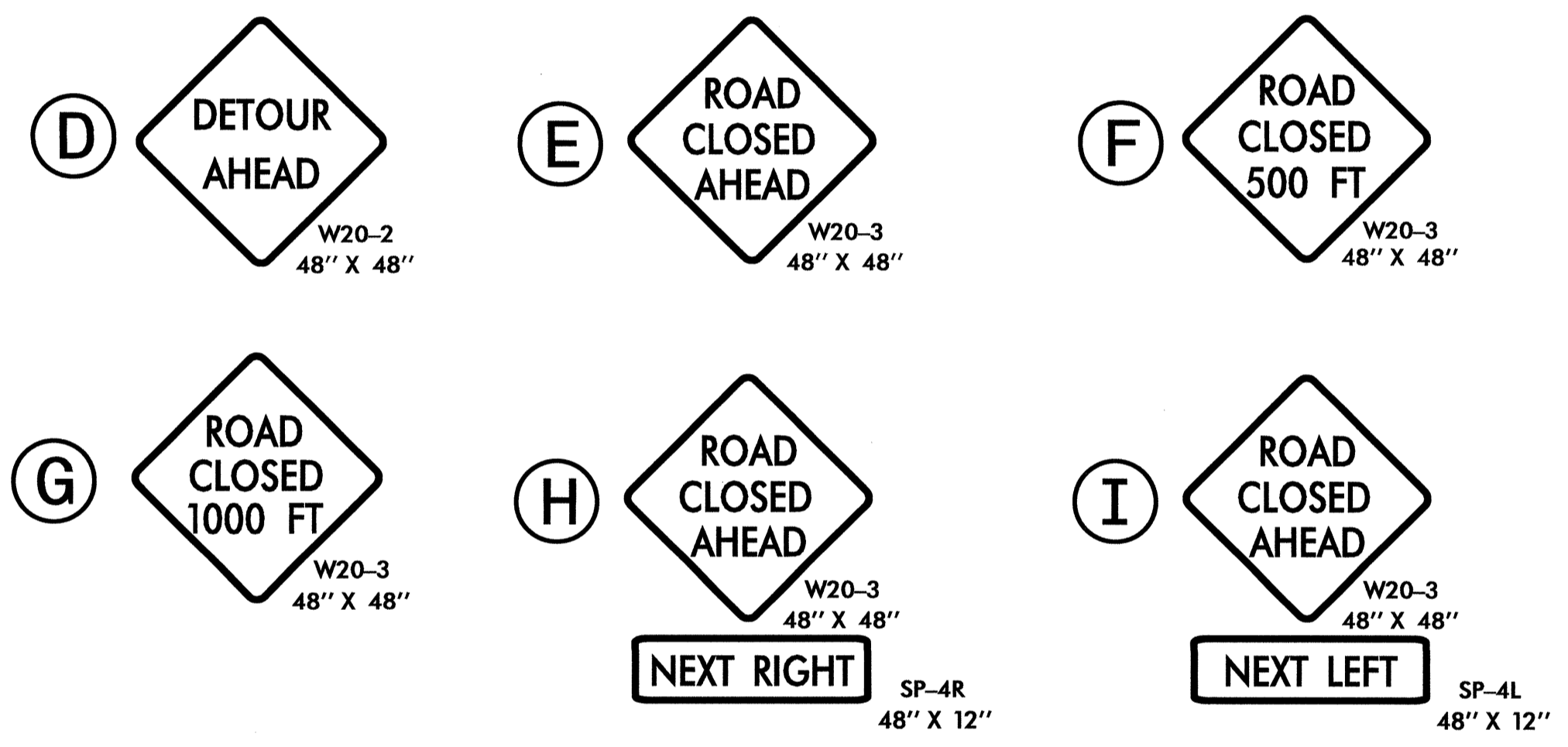
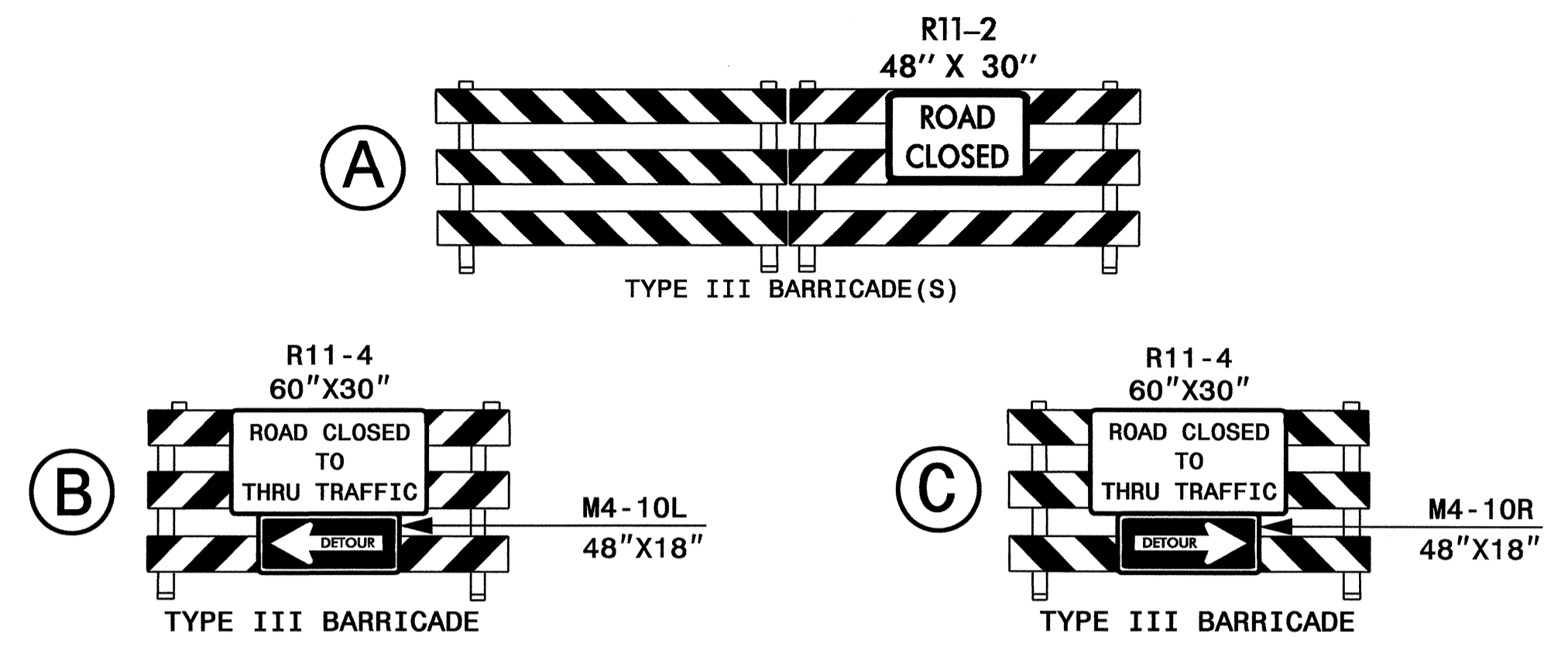
**VICINITY MAP: HARNETT COUNTY**



OFF-SITE DETOUR: ●●●●●  
INSET "A"

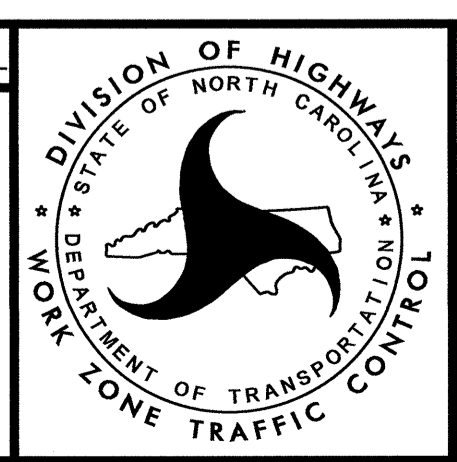


NOTE: REFER TO RSD 1101.03, SHEET 1 OF 9, FOR APPLICABLE NOTES.



NOTES:  
1. SEE SHEET SD-1 FOR SPECIAL SIGN DESIGN.  
2. ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE.

APPROVED: [Signature] DATE: 6/28/2012



DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
WORK ZONE TRAFFIC CONTROL

OFF-SITE DETOUR ROUTE AND BARRICADE PLACEMENT

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