



# 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 JULY 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
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1145.01	BARRICADES

# LEGEND

## GENERAL

-  DIRECTION OF TRAFFIC FLOW
-  DIRECTION OF PEDESTRIAN TRAFFIC FLOW
-  EXIST. PVMT.
-  NORTH ARROW
-  PROPOSED PVMT.

-  WORK AREA
-  REMOVAL
-  USER DEFINED (IF NEEDED)
-  USER DEFINED (IF NEEDED)

## TRAFFIC CONTROL DEVICES

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

## TEMPORARY SIGNING

-  PORTABLE SIGN
-  STATIONARY SIGN
-  STATIONARY OR PORTABLE SIGN

## SIGNALS

-  EXISTING
-  PROPOSED
-  TEMPORARY

## PAVEMENT MARKINGS

-  EXISTING LINES
-  TEMPORARY LINES

## PAVEMENT MARKERS

-  CRYSTAL/CRYSTAL
-  CRYSTAL/RED
-  YELLOW/YELLOW

## PAVEMENT MARKING SYMBOLS

-  PAVEMENT MARKING SYMBOLS

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APPROVED:  DATE: 10-4-11			<h2>ROADWAY STANDARD DRAWINGS &amp; LEGEND</h2>
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## MANAGEMENT STRATEGIES

- CLOSE THE ROAD.
- DETOUR TRAFFIC OFF SITE.
- MAINTAIN LOCAL TRAFFIC.

## 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 UNDESIRED 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.

### PAVEMENT EDGE DROP OFF REQUIREMENTS

- A) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

### TRAFFIC PATTERN ALTERATIONS

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

### SIGNING

- C) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.
- D) PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE.
- E) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.
- F) COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.
- G) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

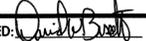
## LOCAL NOTES

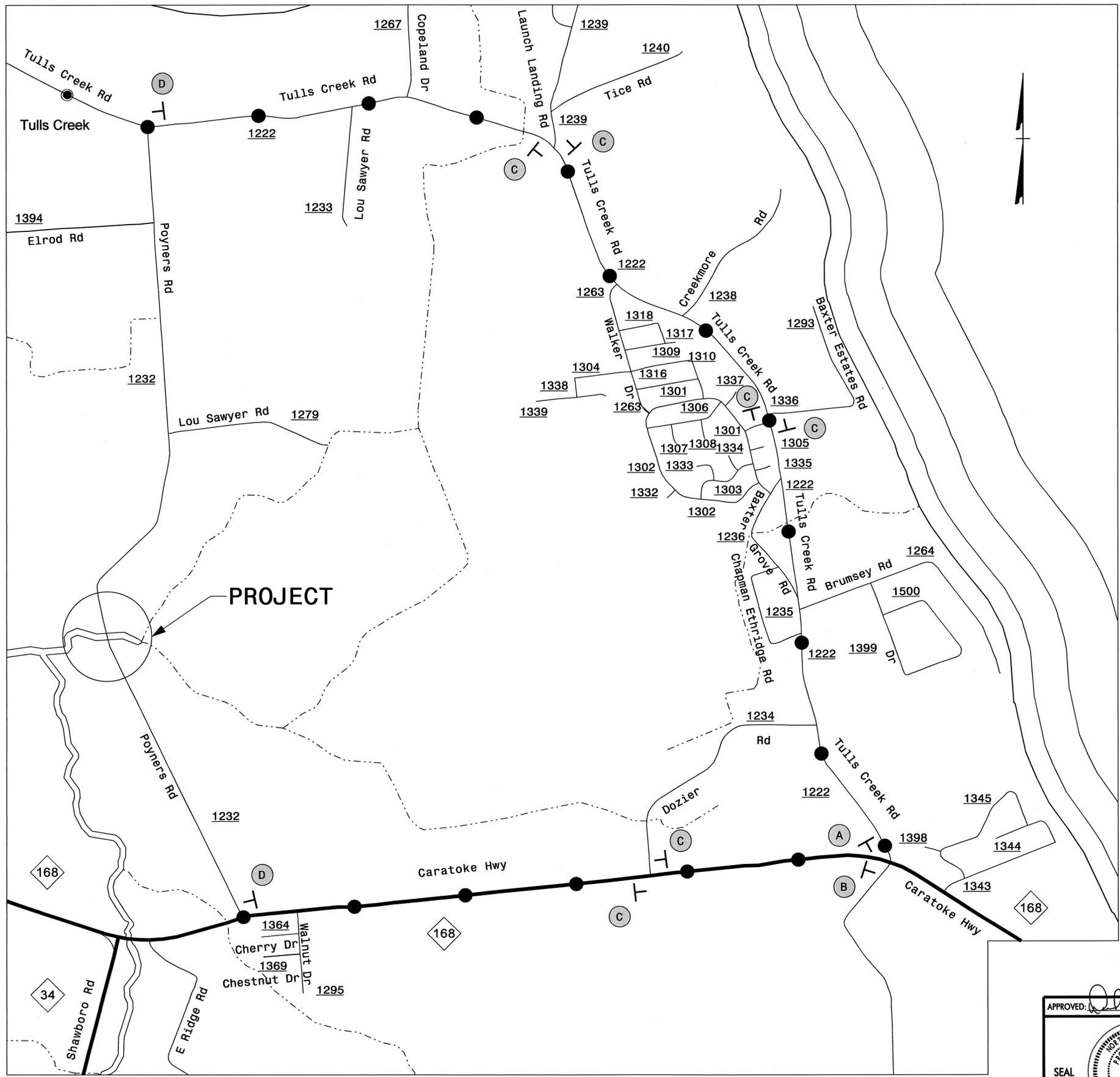
1. NOTIFY CURRITUCK COUNTY EMERGENCY SERVICES AND PUBLIC SCHOOLS AT LEAST ONE MONTH PRIOR TO ROAD CLOSURE.
2. ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED BY THE ENGINEER.

## PHASING

- STEP 1 INSTALL SIGNS AND BARRICADES CLOSING SR 1232 (POYNERS ROAD) TO THROUGH TRAFFIC AS SHOWN ON TMP-2 AND TMP-3 AND IN ACCORDANCE WITH ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9. (SEE LOCAL NOTES 1 AND 2)
- STEP 2 PERFORM THE FOLLOWING WITHIN THE ROAD CLOSURE:  
 -REMOVE THE EXISTING STRUCTURE  
 -CONSTRUCT THE PROPOSED STRUCTURE  
 -CONSTRUCT THE PROPOSED ROADWAY SECTION -L- UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE FROM STA 12+10+/- TO STA 17+85+/-.
- STEP 3 PLACE THE FINAL LAYER OF SURFACE COURSE FROM STA 12+10+/- TO STA 17+85+/-.
- STEP 4 REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES AND OPEN SR 1232 (POYNERS ROAD) TO THROUGH TRAFFIC.

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APPROVED:  DATE: 9-16-11		
<h3>TRANSPORTATION OPERATIONS PLAN</h3>		



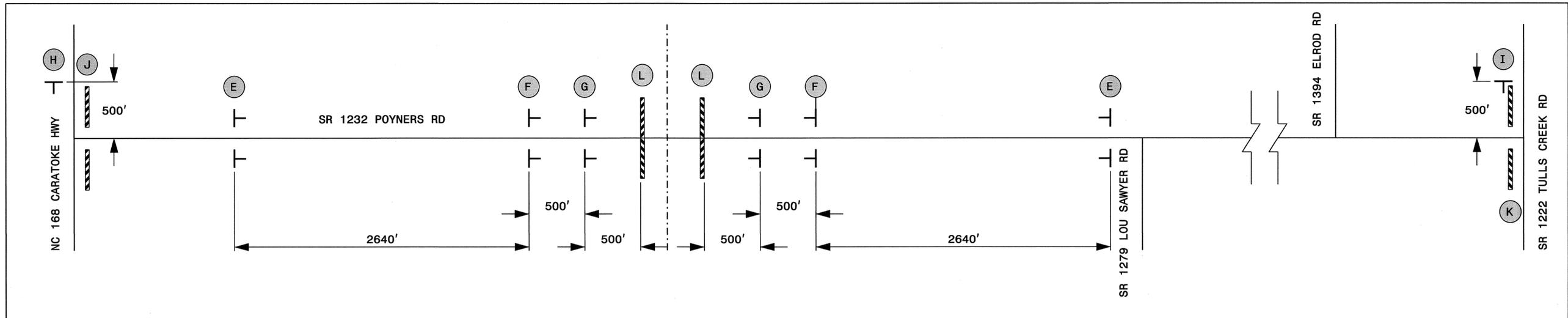
<b>POYNER ROAD</b> SP11341 42" X 30"	<b>POYNER ROAD</b> SP11341 42" X 30"
<b>DETOUR</b> M4-8 24" X 12"	<b>DETOUR</b> M4-8 24" X 12"
<b>→</b> M6-1 R 21" X 15"	<b>←</b> M6-1 L 21" X 15"
<b>A</b> (1 EA)	<b>B</b> (1 EA)
<b>POYNER ROAD</b> SP11341 42" X 30"	<b>END DETOUR</b> M4-8 A 24" X 18"
<b>DETOUR</b> M4-8 24" X 12"	
<b>↑</b> M6-3 21" X 15"	
<b>C</b> (6 EA)	<b>D</b> (2 EA)

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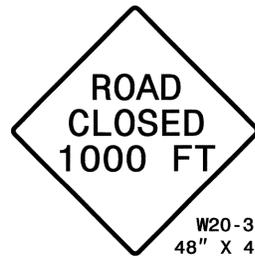
SEAL

**OFF-SITE DETOUR**



W20-3  
48" X 48"

(4 EA)



W20-3  
48" X 48"

(4 EA)



W20-3  
48" X 48"

(4 EA)



W20-3  
48" X 48"

(1 EA)



W20-3  
48" X 48"

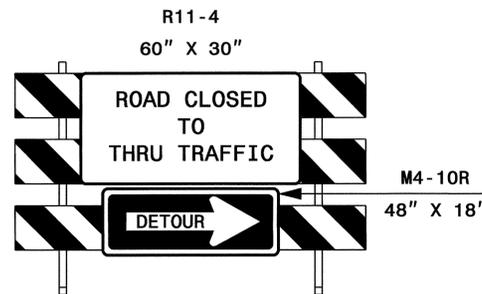
(1 EA)



SP-4L  
42" X 12"

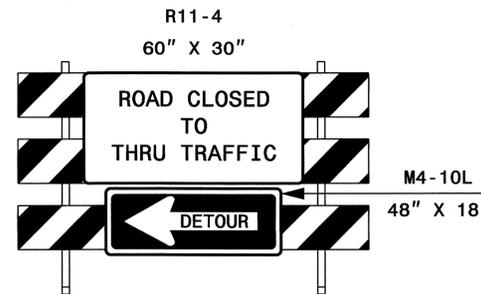


SP-4R  
42" X 12"



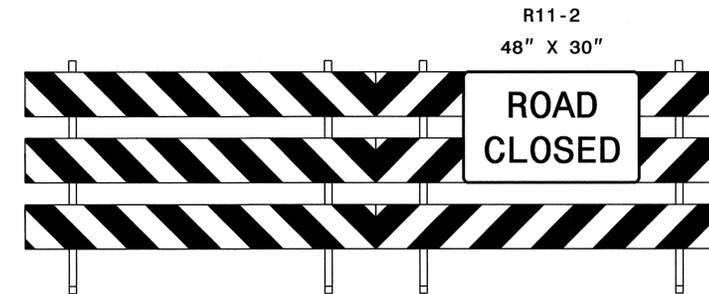
TYPE III BARRICADE

(2 EA)



TYPE III BARRICADE

(2 EA)

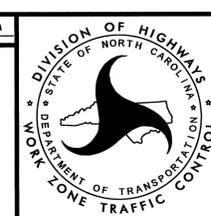
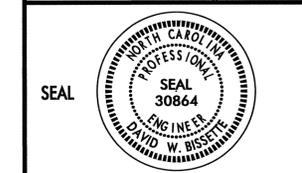


TYPE III BARRICADE(S)

(2 SETS)

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ROAD CLOSURE