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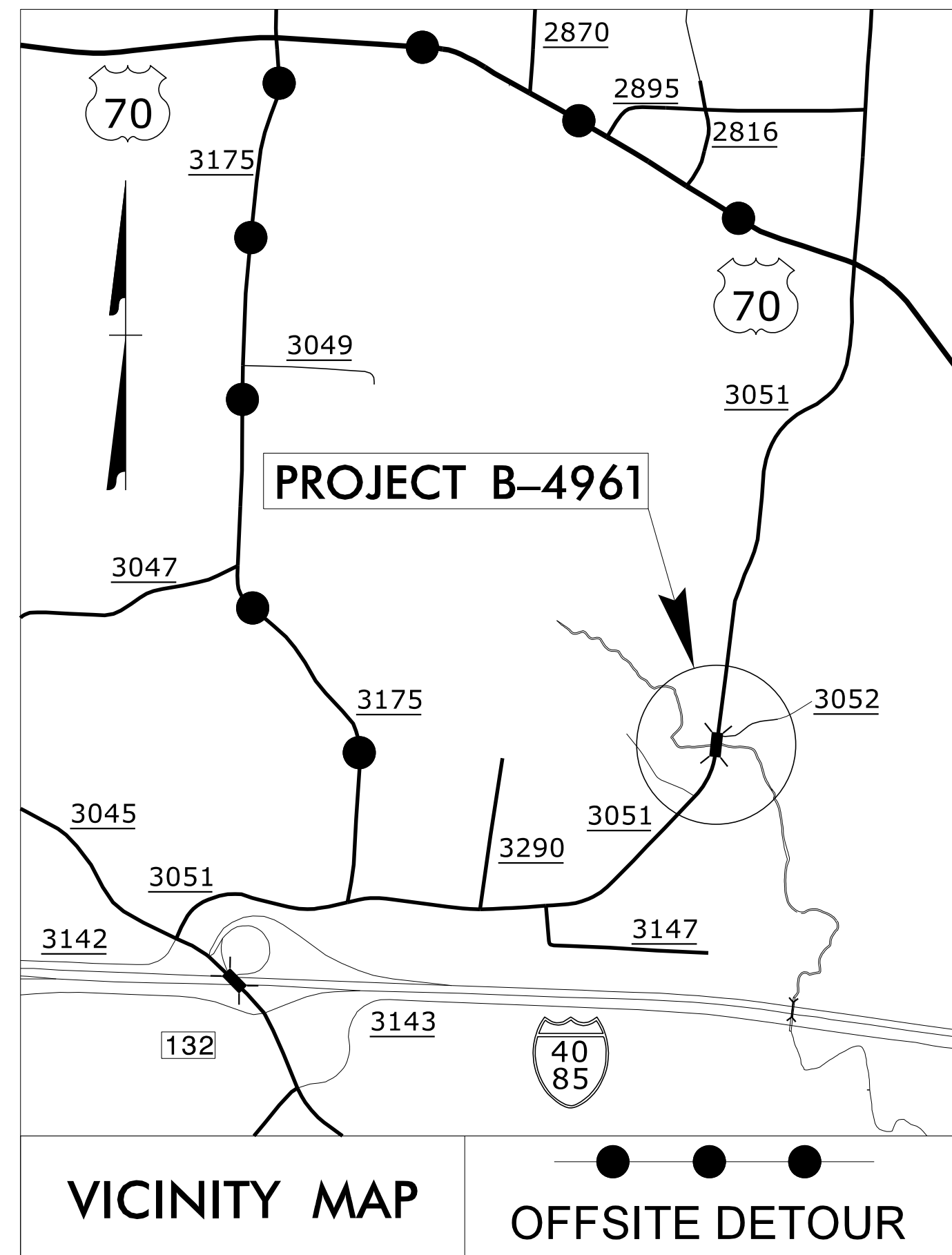
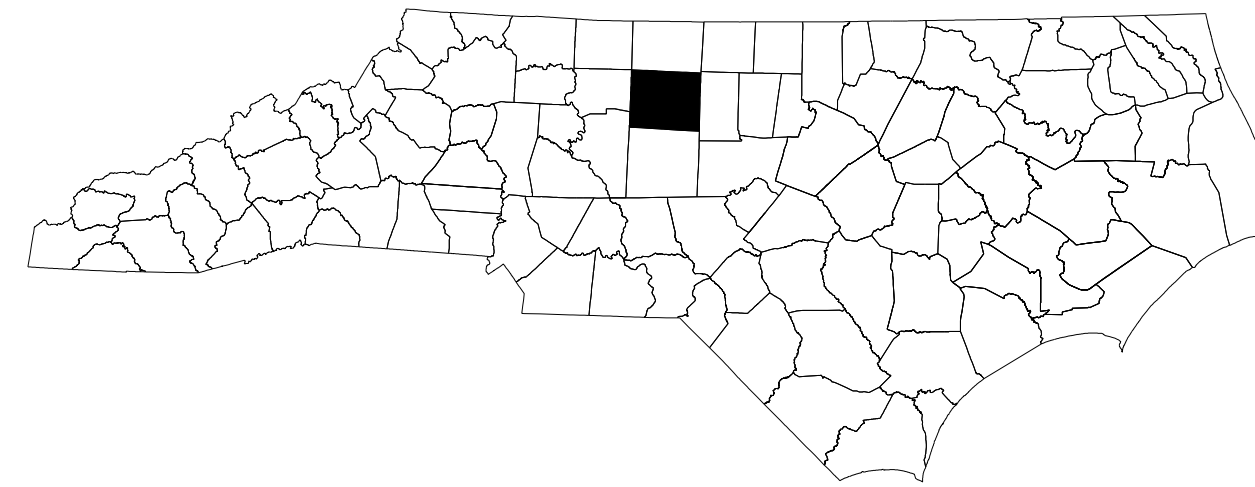
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

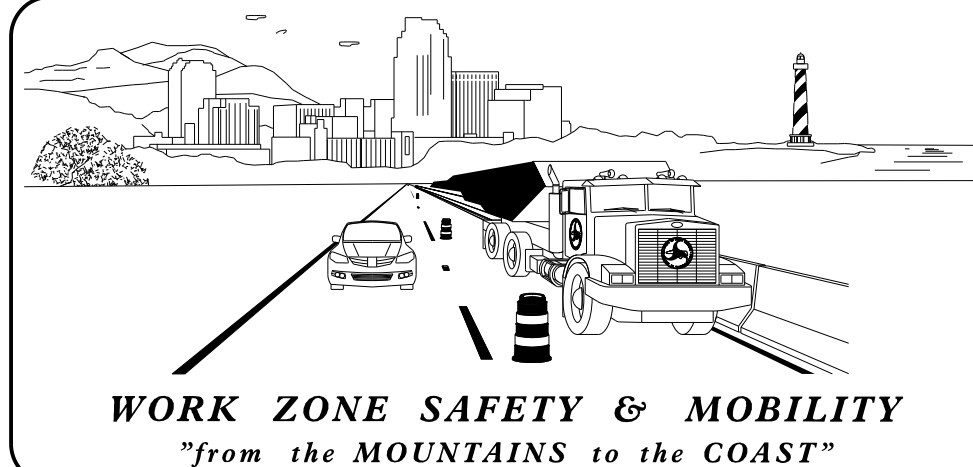
TRANSPORTATION MANAGEMENT PLAN

GUILFORD COUNTY



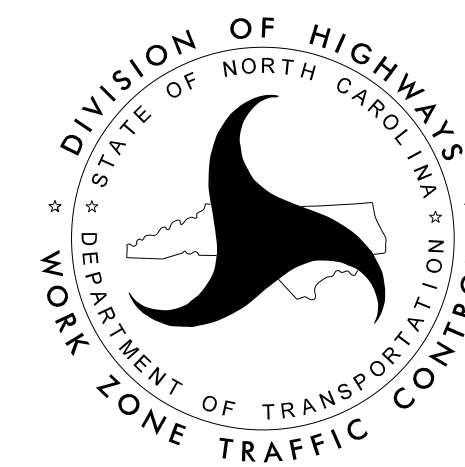
**LOCATION: BRIDGE NO 208 OVER LITTLE ALAMANCE CREEK (TRIBUTARY 5)
ON SR 3051 (KNOX ROAD)**

TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE



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

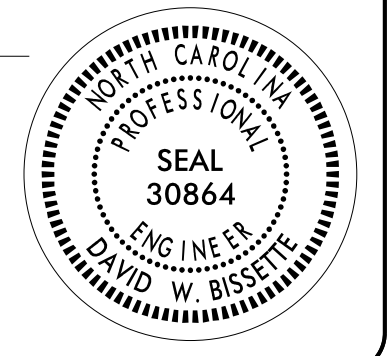
J. S. BOURNE, P.E. — STATE TRAFFIC MANAGEMENT ENGINEER
D. W. BISSETTE, P.E. — TRAFFIC CONTROL PROJECT ENGINEER
MIKE STEELMAN — TRAFFIC CONTROL PROJECT DESIGN ENGINEER
D. A. HAYES, E.I. — TRAFFIC CONTROL DESIGN ENGINEER



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

APPROVED: *David Bisette*
DATE: 3/1/2016

SEAL



INDEX OF SHEETS

SHEET NO.	TITLE
TMP-01	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-01A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS AND LEGEND
TMP-01B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES AND LOCAL NOTES), AND TEMPORARY TRAFFIC CONTROL PHASING
TMP-02	SPECIAL SIGN DESIGN
TMP-03	OFFSITE DETOUR
TMP-04	ROAD CLOSURE

SHEET NO.
TMP-01

B-4961

TIP PROJECT:

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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
1101.05	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.
- TEMP. SHORING (LOCATION PURPOSES ONLY)

WORK AREA

REMOVAL

USER DEFINED (IF NEEDED)

USER DEFINED (IF NEEDED)

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

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

PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

2/29/2016
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 User:ahayes76

APPROVED: DATE: 3/1/2016			ROADWAY STANDARD DRAWINGS & LEGEND
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MANAGEMENT STRATEGIES

CLOSE SR 3051 (KNOX ROAD) AND DETOUR TRAFFIC OFFSITE.

LOCAL ACCESS TO ALL RESIDENCES AND BUSINESSES WILL BE MAINTAINED BETWEEN CLOSURE POINTS AT ALL TIMES DURING CONSTRUCTION.

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.

SIGNING

- A) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRANSPORTATION MANAGEMENT PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRANSPORTATION MANAGEMENT PLANS.

- B) 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.

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

LOCAL NOTES

- LN 1) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.
- LN 2) IN ORDER TO HAVE TIME TO ADEQUATELY REROUTE SCHOOL BUSES, GUILFORD COUNTY SCHOOLS WILL BE CONTACTED AT (336) 370-8920 AT LEAST ONE MONTH PRIOR TO ROAD CLOSURE.
- LN 3) IN ORDER TO ALLOW EMERGENCY MANAGEMENT SERVICES TIME TO PREPARE FOR ROAD CLOSURE, THE DIRECTOR OF THE GUILFORD COUNTY EMS WILL BE CONTACTED AT (336) 641-2278 AT LEAST ONE MONTH PRIOR TO ROAD CLOSURE.

PHASING

- STEP 1) USING ROADWAY STANDARD DRAWING (RSD) 1101.03, SHEET 1 OF 9, AND SHEETS TMP-02 THRU TMP-04, CLOSE SR 3051 KNOX ROAD AND DETOUR TRAFFIC.

MAINTAIN ACCESS TO ALL RESIDENCES AND BUSINESSES BETWEEN CLOSURE POINTS, INCLUDING SR 3052 FORBES TATE ROAD.

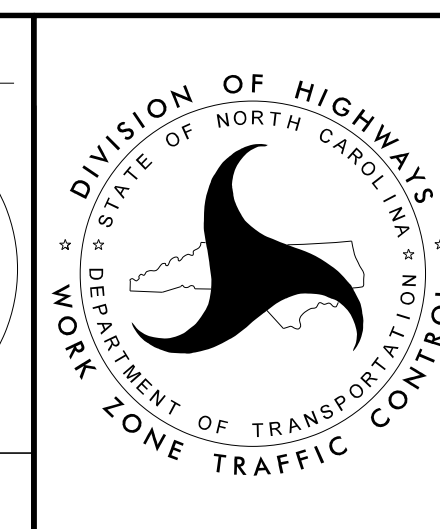
- STEP 2) REMOVE THE EXISTING STRUCTURE. CONSTRUCT PROPOSED STRUCTURE AND ROADWAY.

- STEP 3) PLACE THE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLANS).

- STEP 4) REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES AND OPEN SR 3051 KNOX ROAD AND SR 3052 FORBES TATE ROAD TO THE FINAL TRAFFIC PATTERN.

2/29/2016
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APPROVED: <i>David Bisette</i> <small>ECDC908C875348C</small>	
DATE: 3/1/2016	
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TRANSPORTATION
OPERATION PLAN

SIGN NUMBER: WORKZONE TYPE: STATIONARY QUANTITY: SEE PLANS SIGN WIDTH: 3'-0" HEIGHT: 1'-0" TOTAL AREA: 3.0 Sq.Ft. BORDER TYPE: INSET RECESS: 0.38" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: LENGTH:	BACKG COLOR: Fluorescent Orange COPY COLOR: Black <table border="1"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> MAT'L: 0.080" (2.0 mm) ALUMINUM	SYMBOL	X	Y	WID	HT																															DESIGN BY: S.JOHNS PROJECT ID: B-4961	CHECKED BY: R.ROACH LOCATION: GUILFORD CO.	Aug 10, 2015 DIV: 7
	SYMBOL	X	Y	WID	HT																																		
USE NOTES: 1,2 1. Legend and border shall be direct applied black non-reflective sheeting. 2. Background shall be NC GRADE B fluorescent orange retroreflective sheeting.																																							

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

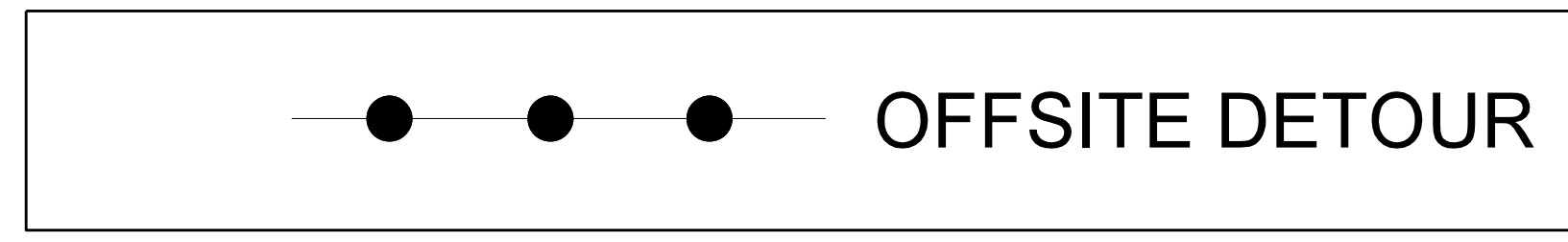
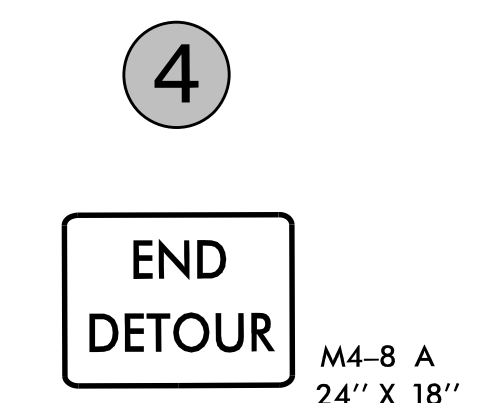
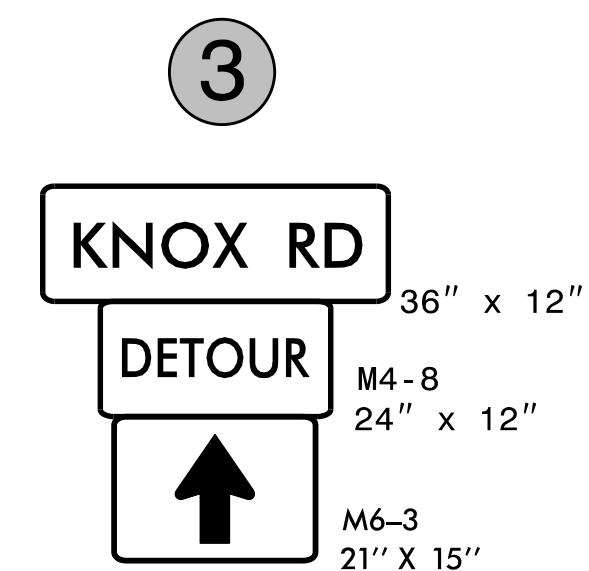
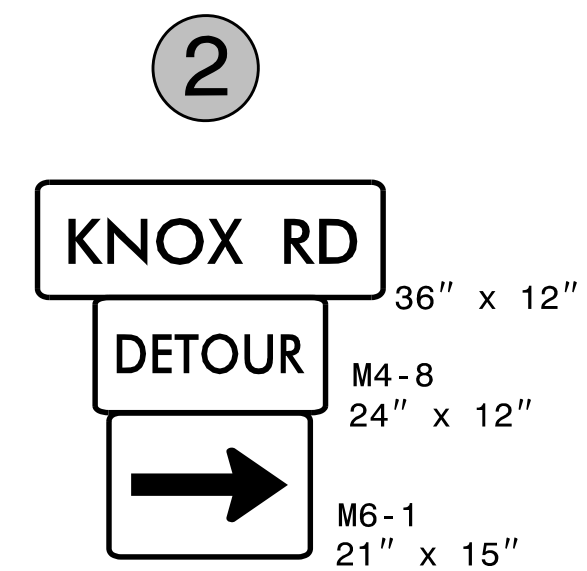
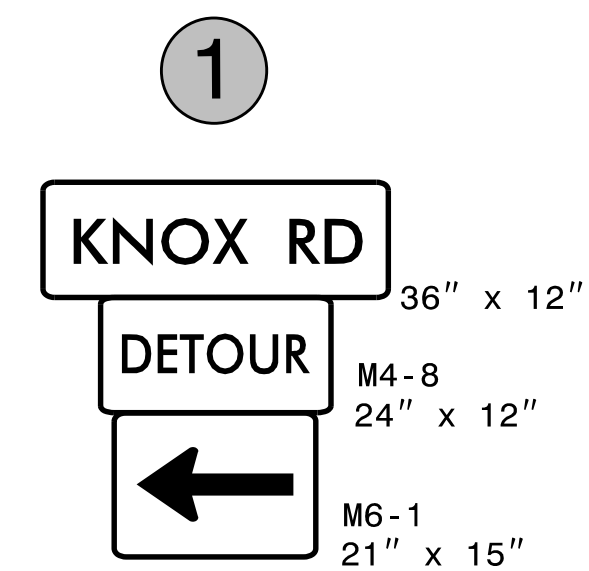
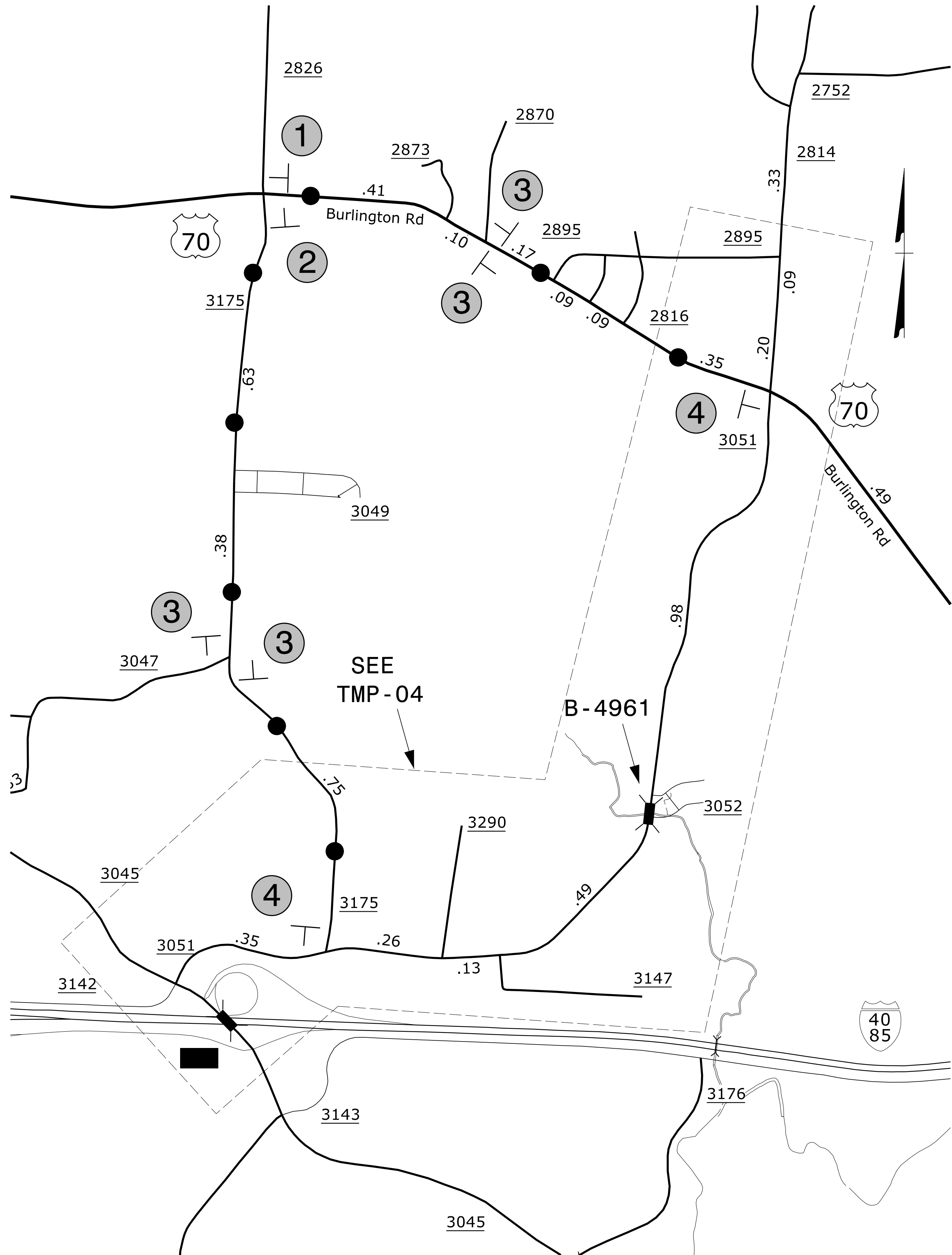
Letter spacings are to start of next letter

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FILENAME: B-4961_WZsgn Design NORTH CAROLINA D.O.T. SIGN DETAIL

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APPROVED: <i>Ron King</i> <small>089607AR57C4DC...</small> DATE: 3/4/2016		
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SPECIAL SIGN DESIGN		



1. SEE TMP-04 FOR ROAD CLOSURE SIGNING.
2. ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE.
3. SEE SHEET TMP-02 FOR THE SPECIAL SIGN DESIGN.

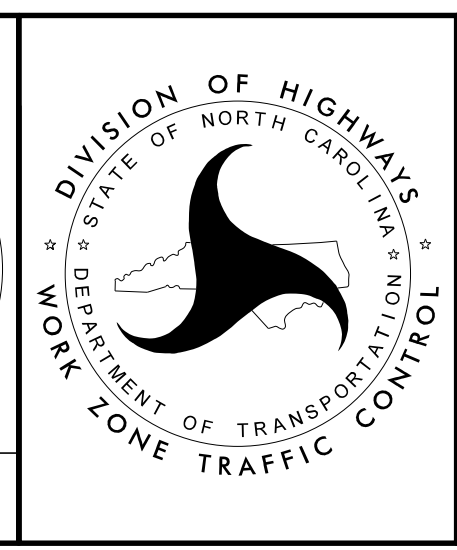
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APPROVED: *David Bisette*
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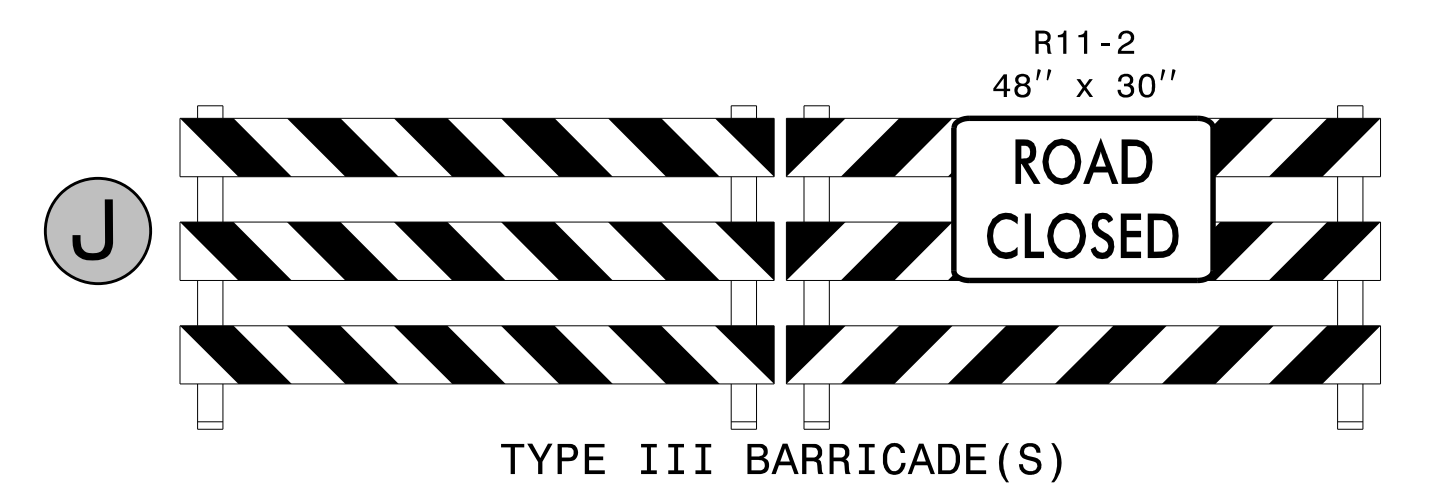
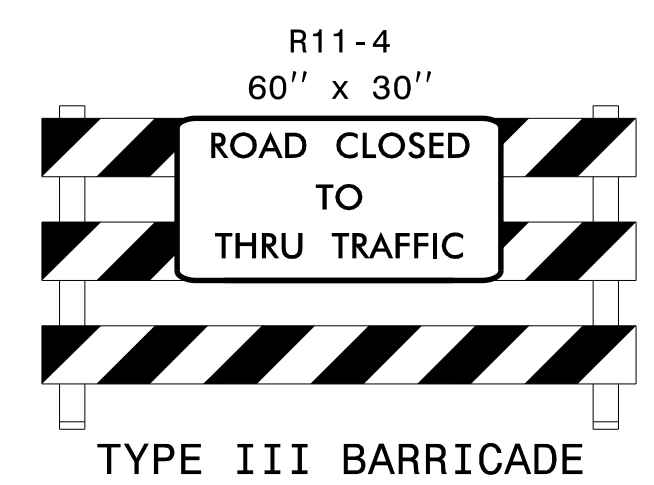
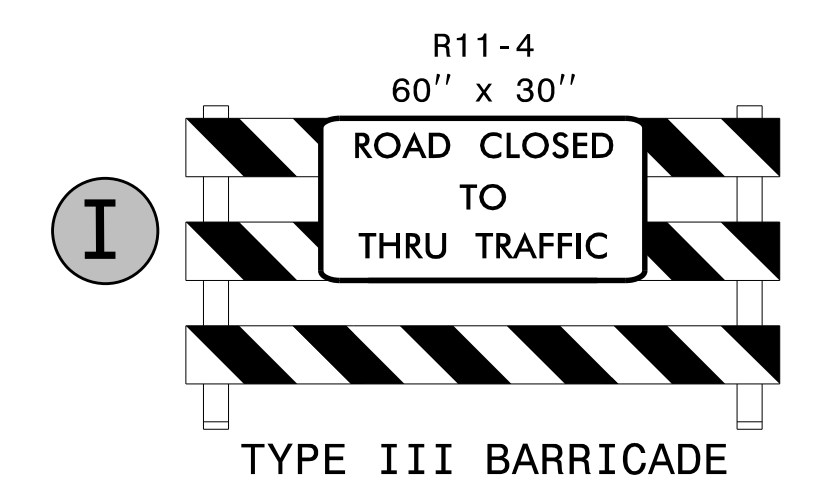
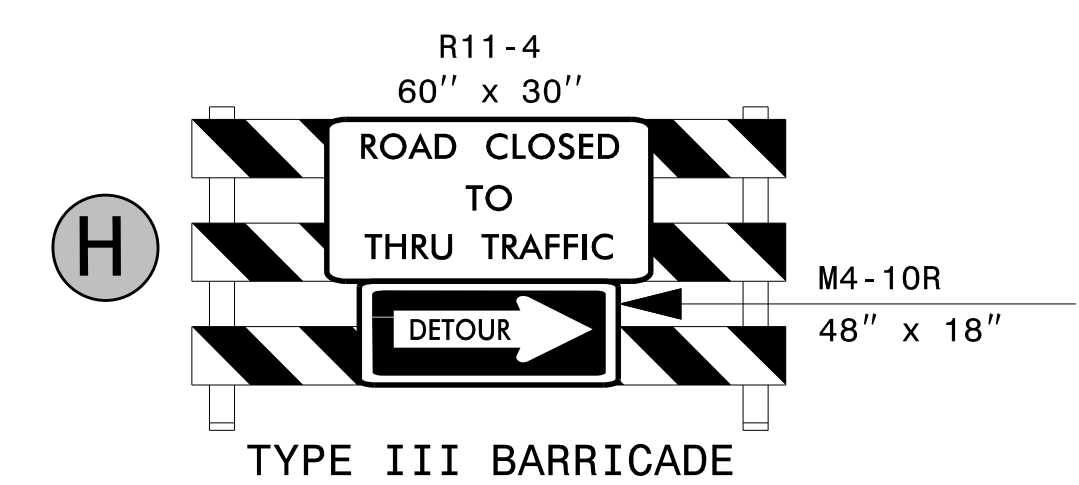
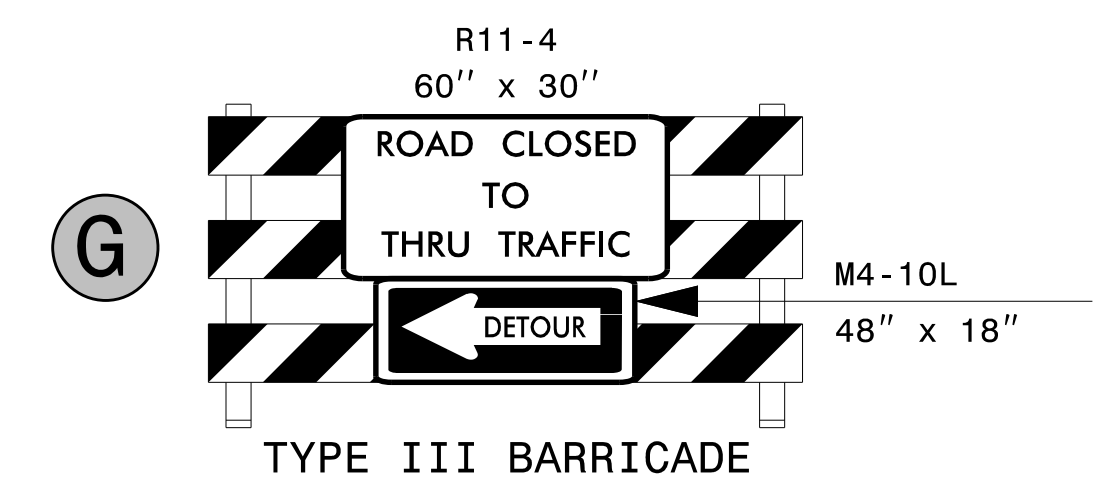
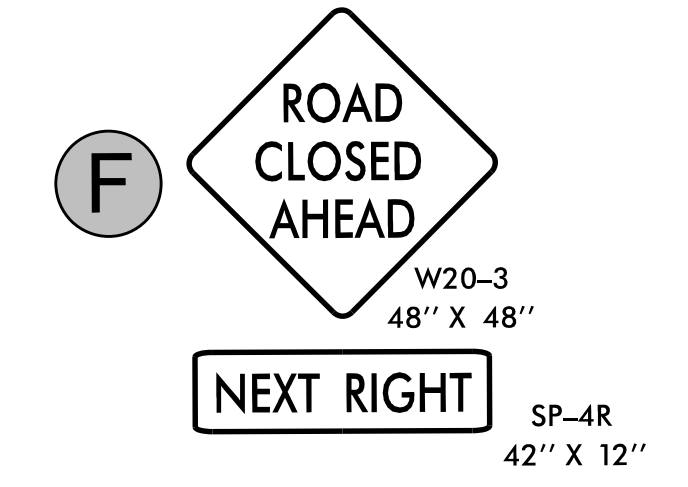
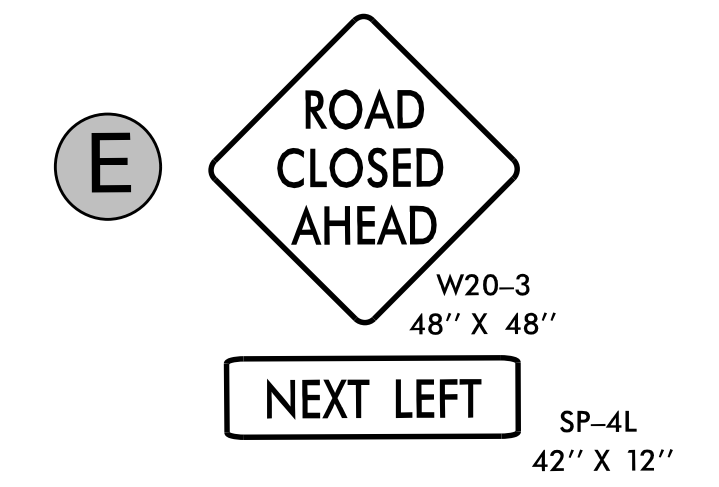
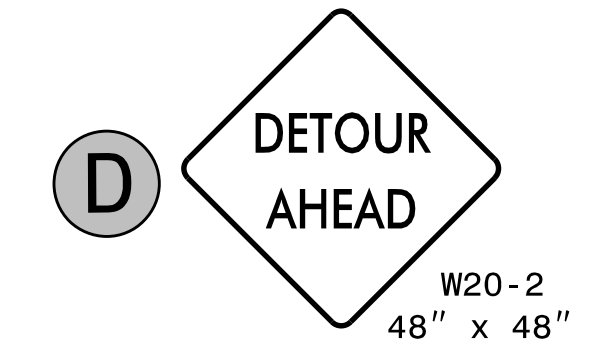
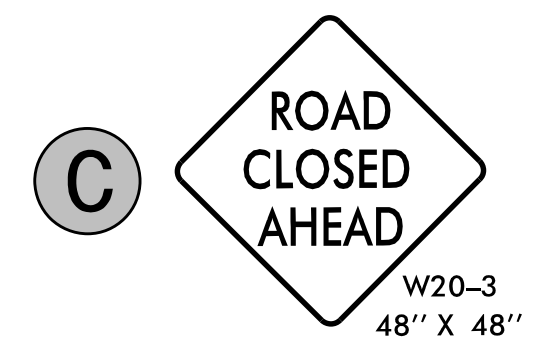
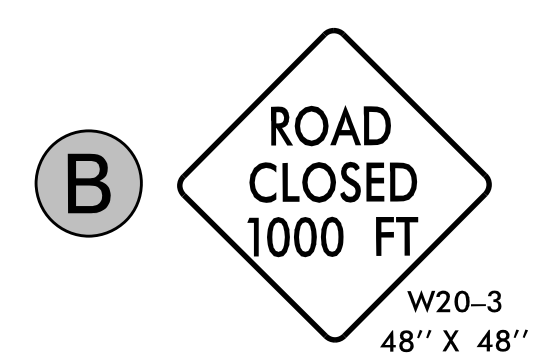
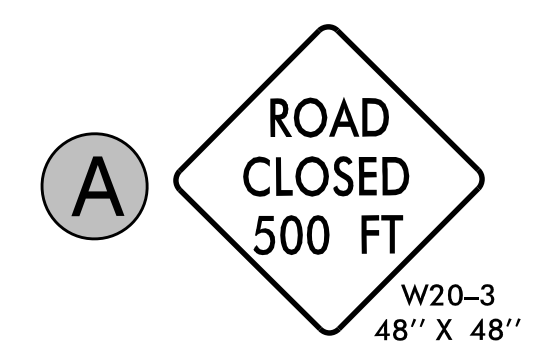
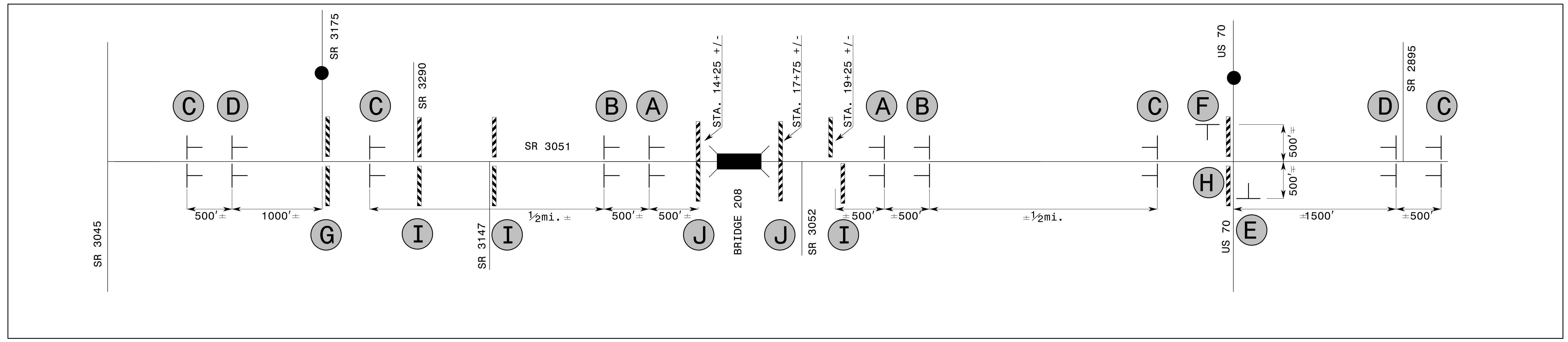
DATE: 3/1/2016

SEAL 30864
 ENGINEER
 DAVID W. BISSETTE

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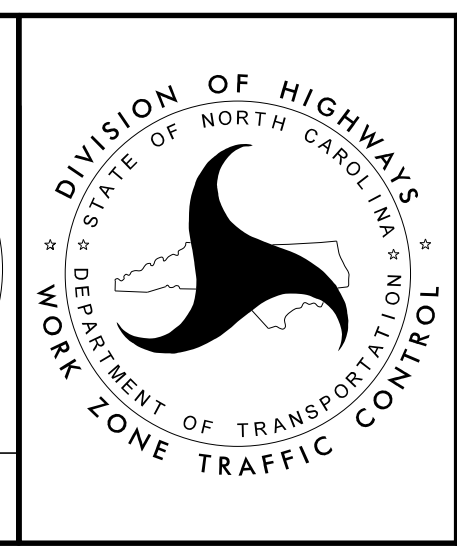
OFFSITE DETOUR



NOTES:
 1. REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9 FOR APPLICABLE NOTES.
 2. SEE SHEET TMP-03 FOR DETOUR ROUTE.

APPROVED: *David Bisette*
 DATE: 3/1/2016

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ROAD CLOSURE