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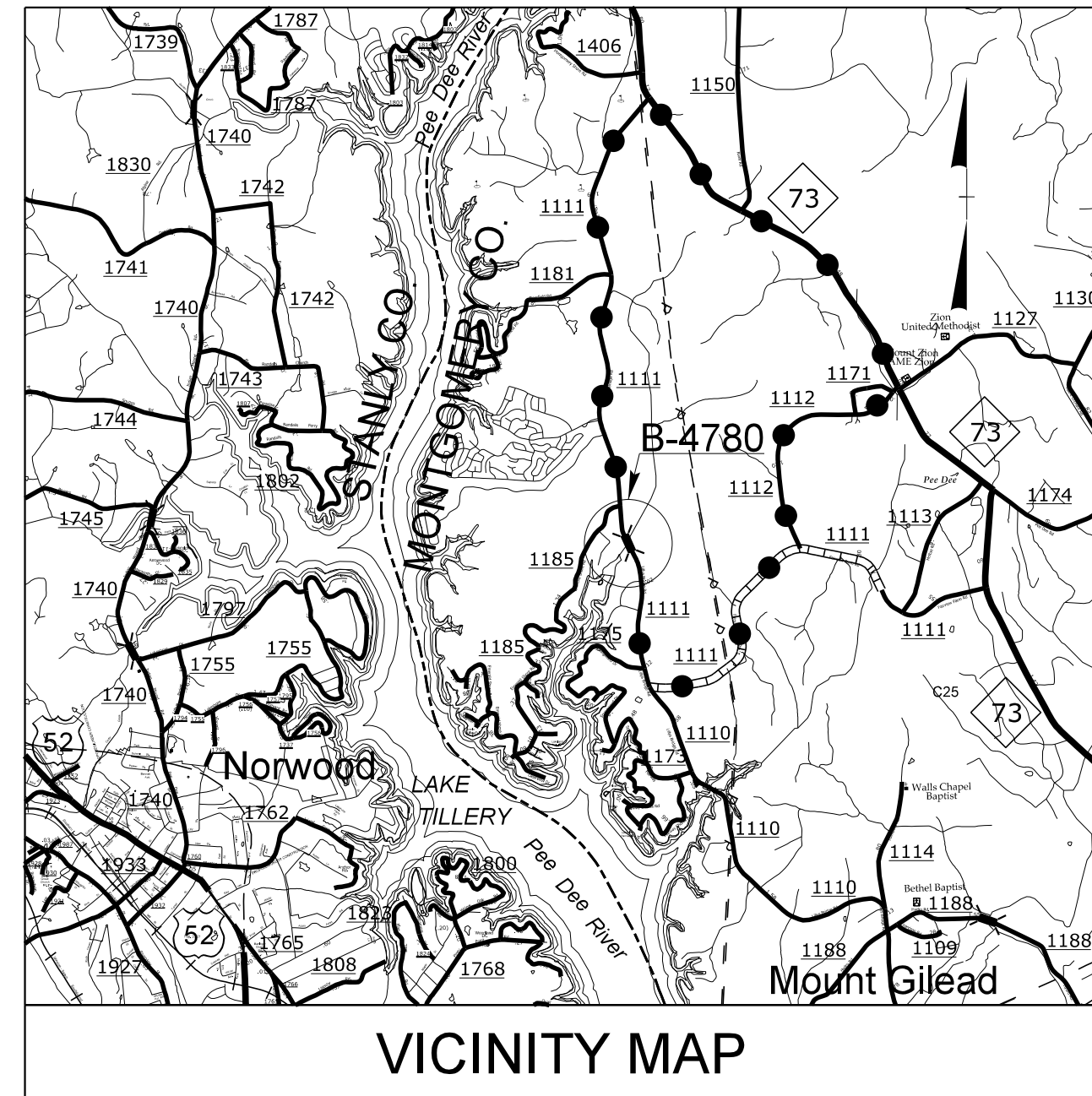
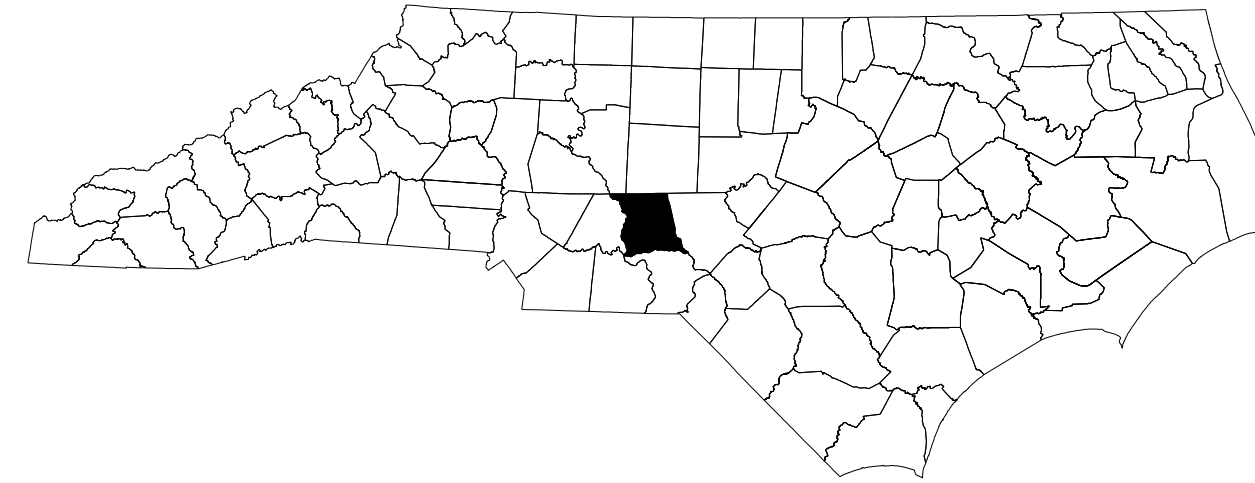
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

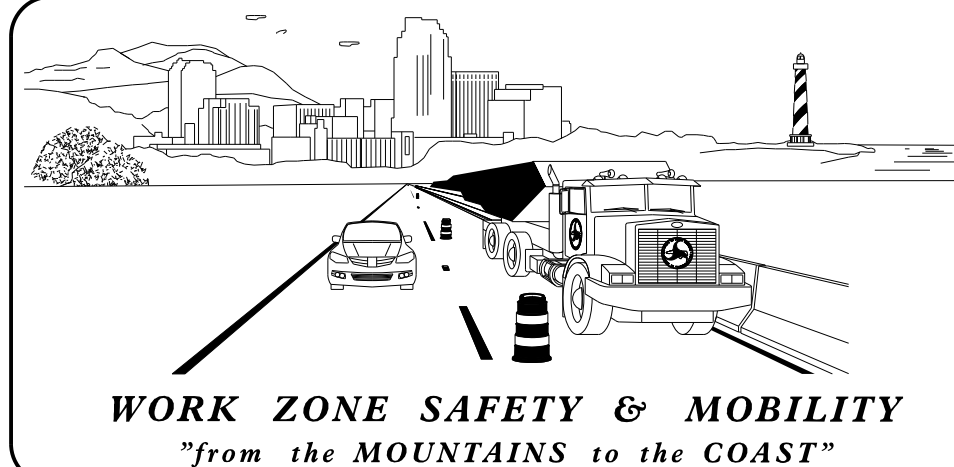
MONTGOMERY COUNTY



**LOCATION: BRIDGE NO. 22 ON SR 1111 (LILLY'S BRIDGE ROAD)
OVER RICHLAND CREEK**

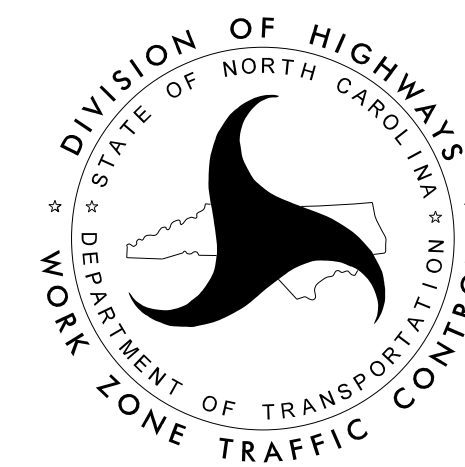
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND CULVERT.

● ● ● OFFSITE DETOUR



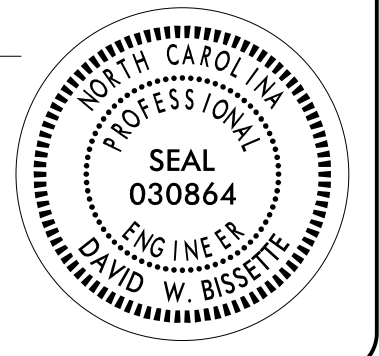
N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 773-2800 FAX: (919) 771-2745

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



APPROVED: *David Bissette*
DATE: 3/30/2015

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, LOCAL NOTES, AND TEMPORARY TRAFFIC CONTROL PHASING)
TMP-02	SPECIAL SIGN DESIGN
TMP-03	OFFSITE DETOUR

SHEET NO.
TMP-01

B-4780

TIP PROJECT:

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
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

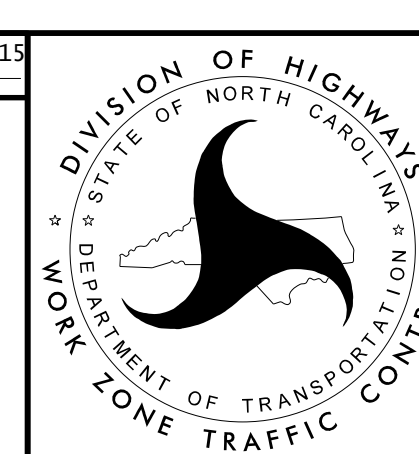
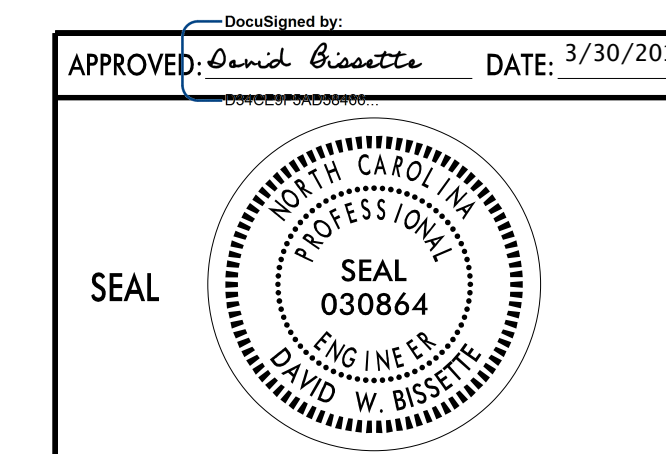
PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

3/23/2015
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ROADWAY STANDARD
DRAWINGS & LEGEND

MANAGEMENT STRATEGIES

TRAFFIC WILL BE MAINTAINED OFFSITE VIA SR 1111, SR 1112, AND NC 73 DURING THE CONSTRUCTION OF THE PROJECT.

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 A MINIMUM OF ONE (1) MONTH PRIOR TO ANY TRAFFIC PATTERN ALTERATION.
- LN 2) MONTGOMERY COUNTY SCHOOLS WILL BE CONTACTED AT LEAST ONE (1) MONTH PRIOR TO ROAD CLOSURE TO ADEQUATELY REROUTE SCHOOL BUSES.
- LN 3) MONTGOMERY COUNTY EMERGENCY SERVICES WILL BE CONTACTED AT LEAST ONE (1) MONTH PRIOR TO ROAD CLOSURE TO MAKE THE NECESSARY TEMPORARY REASSIGNMENTS TO PRIMARY RESPONSE UNITS.

PHASING

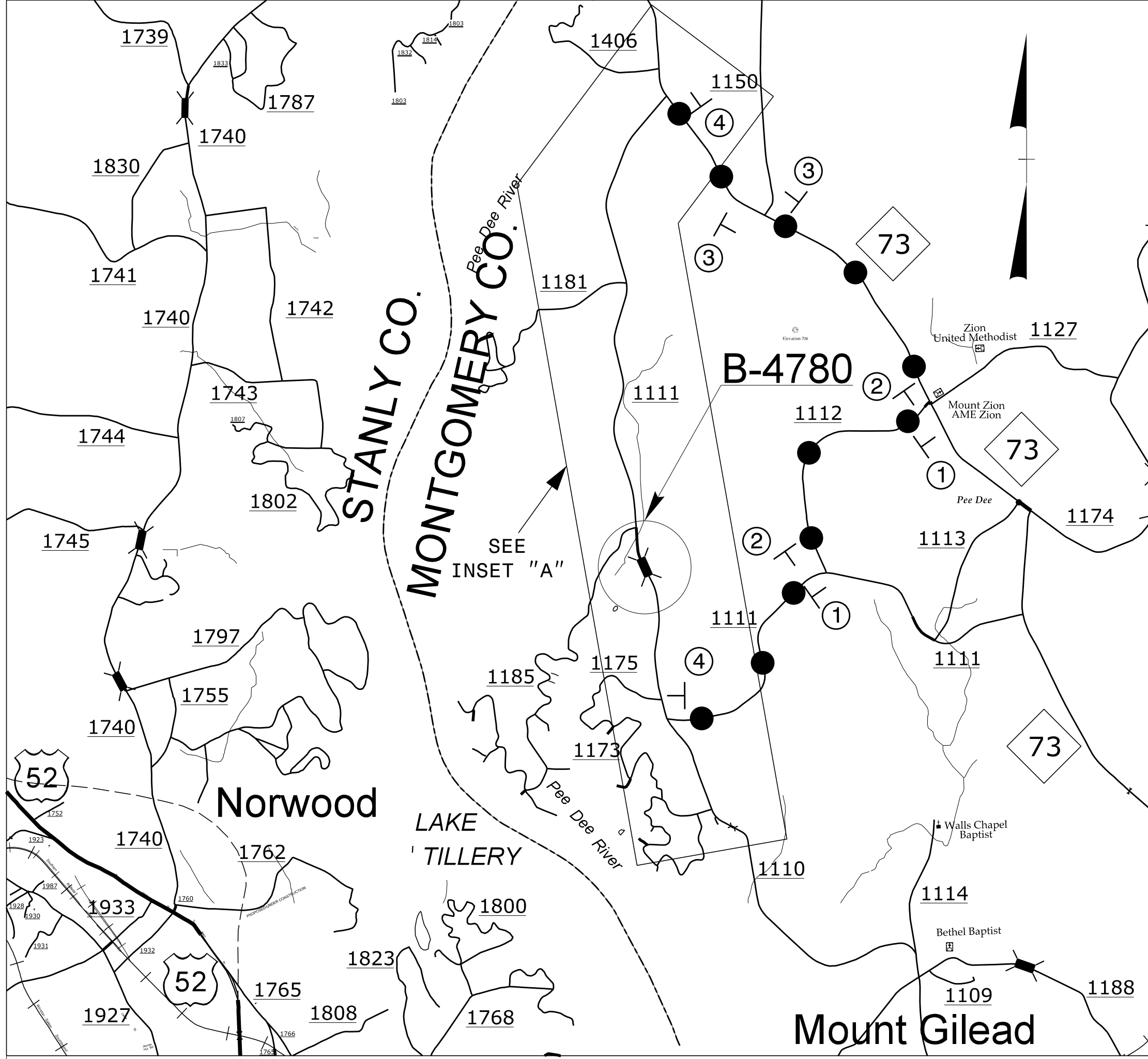
- STEP 1) USING ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9 AND TMP-03 CLOSE SR 1111 (LILLYS BRIDGE RD) AND DETOUR TRAFFIC OFFSITE. MAINTAIN ACCESS TO ALL RESIDENCES AND BUSINESSES BETWEEN CLOSURE POINTS.
- STEP 2) REMOVE THE EXISTING STRUCTURE.
- STEP 3) CONSTRUCT THE PROPOSED STRUCTURE AND ROADWAY -L- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE.
- STEP 4) PLACE THE FINAL LIFT OF SURFACE COURSE.
- STEP 5) PLACE THE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).
- STEP 6) REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES AND SIGNING. PLACE TRAFFIC ONTO THE FINAL PATTERN.

APPROVED: <i>David Bisette</i> DATE: 3/30/2015 		<h3>TRANSPORTATION OPERATION PLAN</h3>
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<p>SIGN NUMBER: WORKZONE TYPE: STATIONARY QUANTITY: SEE PLANS</p> <p>SIGN WIDTH: 3'-0" HEIGHT: 1'-6" TOTAL AREA: 4.5 Sq.Ft.</p> <p>BORDER TYPE: INSET RECESS: 0.38" WIDTH: 0.63" RADII: 1.5"</p> <p>NO. Z BARS: LENGTH:</p>	<p>BACKG COLOR: Fluorescent Orange COPY COLOR: Black</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>MAT'L: 0.080" (2.0 mm) ALUMINUM</p>	SYMBOL	X	Y	WID	HT																										<p>DESIGN BY: S.JOHNS PROJECT ID: B-4780</p> <p>CHECKED BY: S.KUNZ DIV: 8</p> <p>DATE: Jun 10, 2014</p> <div style="text-align: center;"> </div> <p style="text-align: center;">Spacing Factor is 1 unless specified otherwise</p> <p>LETTER POSITIONS</p> <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="12">Letter spacings are to start of next letter</th> <th>Series/Size</th> </tr> <tr> <th colspan="12"></th> <th>Text Length</th> </tr> </thead> <tbody> <tr> <td></td><td>L</td><td>I</td><td>L</td><td>L</td><td>Y</td><td>S</td><td></td><td></td><td></td><td></td><td></td> <td>C 2000</td> </tr> <tr> <td>9.7</td><td>3</td><td>1.5</td><td>3</td><td>2.8</td><td>3.5</td><td>2.8</td><td>9.7</td><td></td><td></td><td></td><td></td> <td>16.6</td> </tr> <tr> <td></td><td>B</td><td>R</td><td>I</td><td>D</td><td>G</td><td>E</td><td></td><td>R</td><td>D</td><td></td><td></td> <td>C 2000</td> </tr> <tr> <td>4.5</td><td>3.4</td><td>3.4</td><td>1.5</td><td>3.4</td><td>3.5</td><td>2.6</td><td>3</td><td>3.4</td><td>2.8</td><td>4.5</td><td></td> <td>26.9</td> </tr> </tbody> </table> <p>FILENAME: B-4780_WZ5gn Des1gn</p> <p style="text-align: right;">NORTH CAROLINA D.O.T. SIGN DETAIL</p>	Letter spacings are to start of next letter												Series/Size													Text Length		L	I	L	L	Y	S						C 2000	9.7	3	1.5	3	2.8	3.5	2.8	9.7					16.6		B	R	I	D	G	E		R	D			C 2000	4.5	3.4	3.4	1.5	3.4	3.5	2.6	3	3.4	2.8	4.5		26.9
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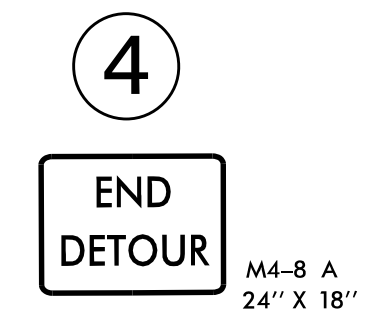
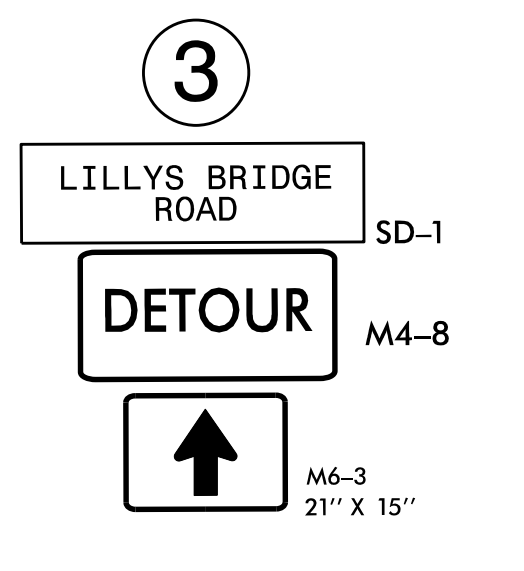
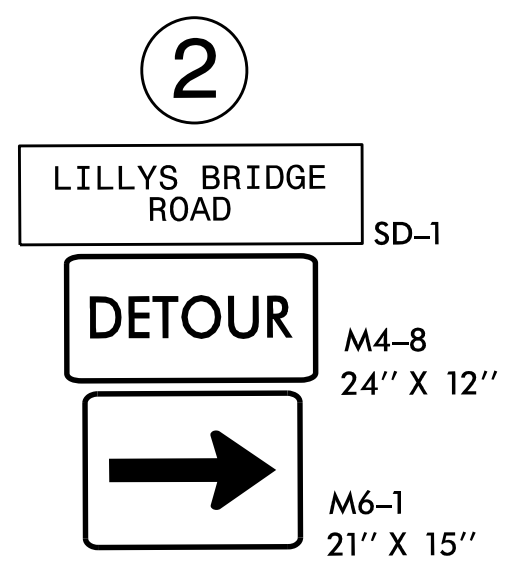
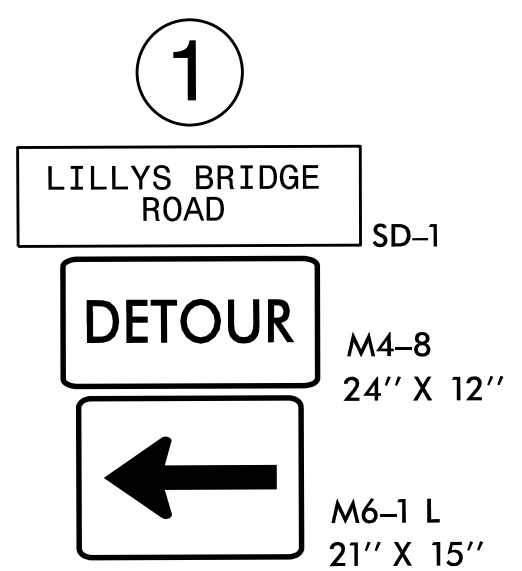
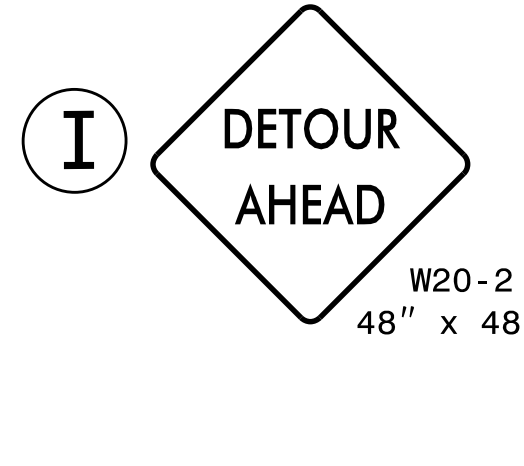
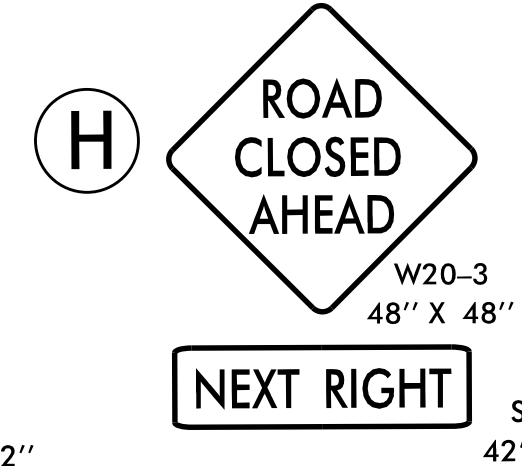
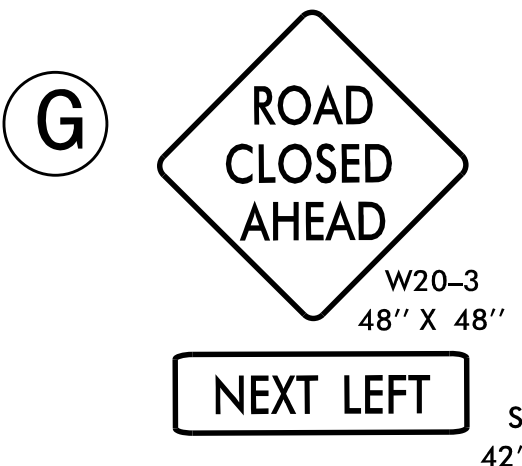
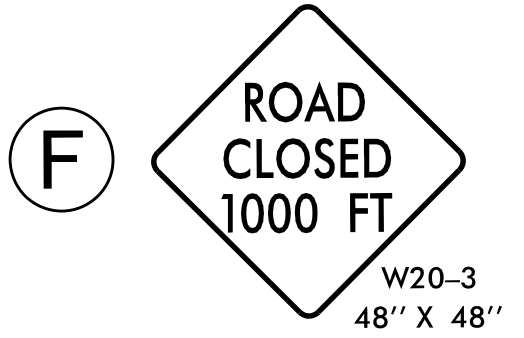
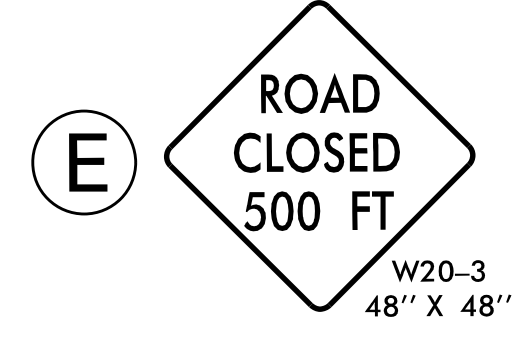
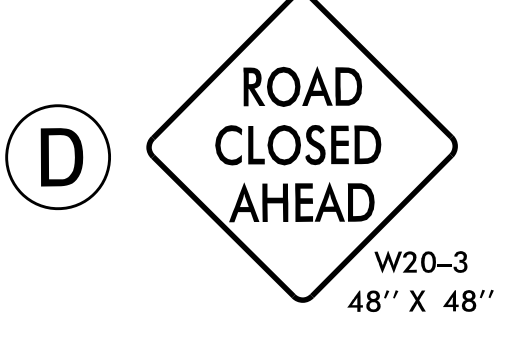
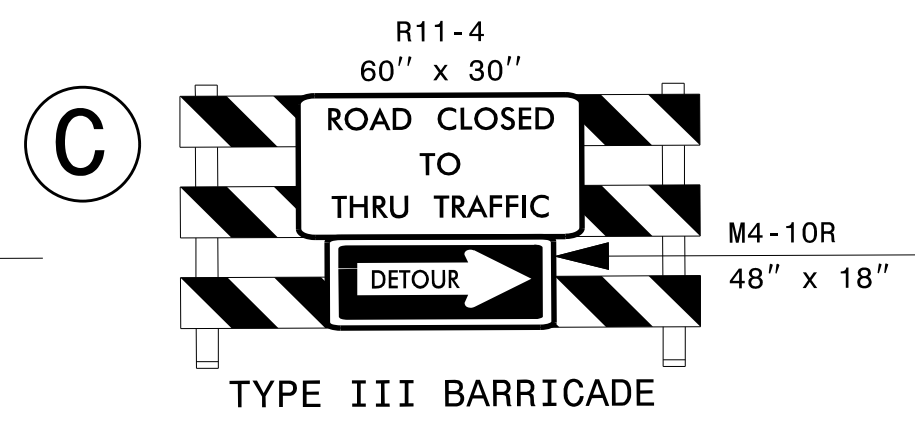
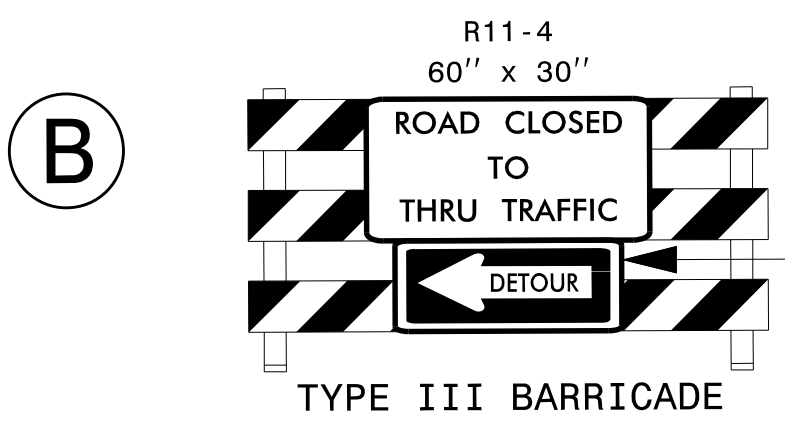
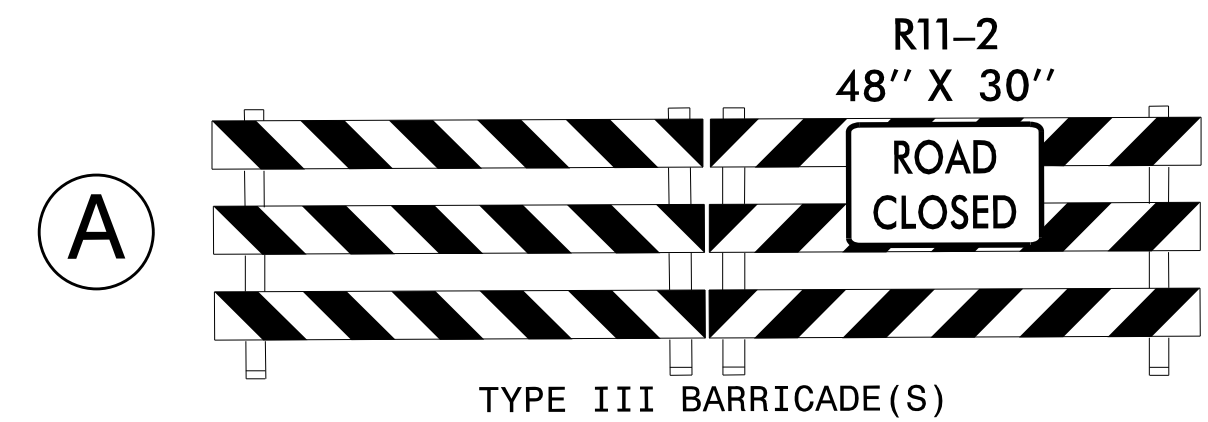
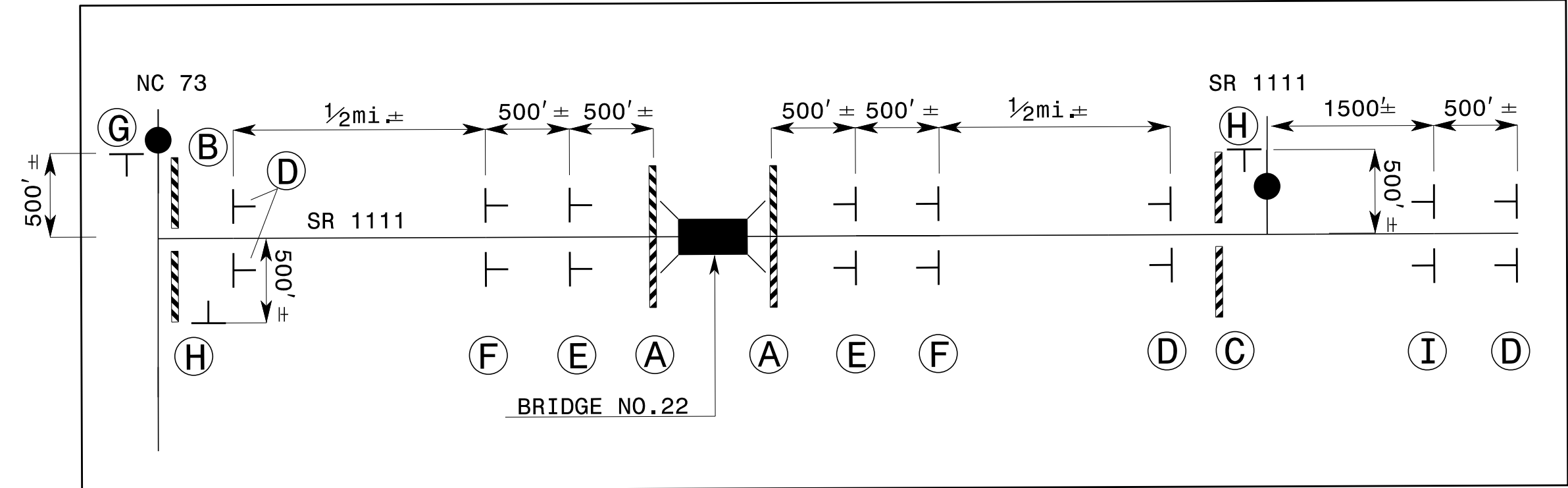
<p>APPROVED: <i>Ronald W. King</i> DATE: 3/30/2015</p> <p>SEAL</p>	<p>DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL</p>	<p>SPECIAL SIGN DESIGN</p>
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VICINITY MAP

● ● ● OFFSITE DETOUR

INSET "A"



NOTES:
 1. REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9 FOR APPLICABLE NOTES.
 2. SEE SHEET TMP-02 FOR THE SPECIAL SIGN DESIGN.
 3. ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE.

APPROVED: *David Bissette* DATE: 3/30/2015

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 030864
 DAVID W. BISSETTE

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

OFFSITE DETOUR ROUTE

3/23/2015
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