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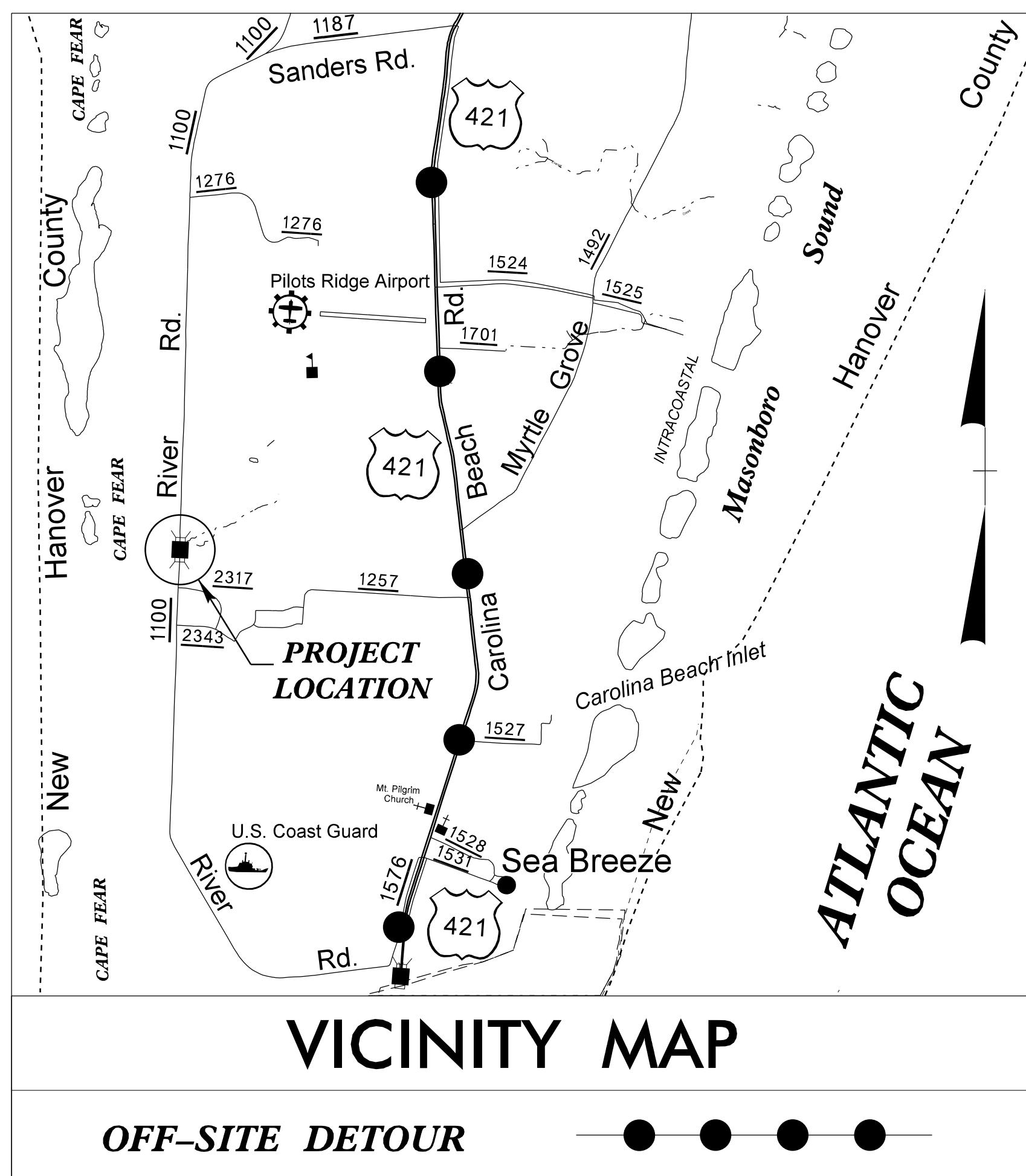
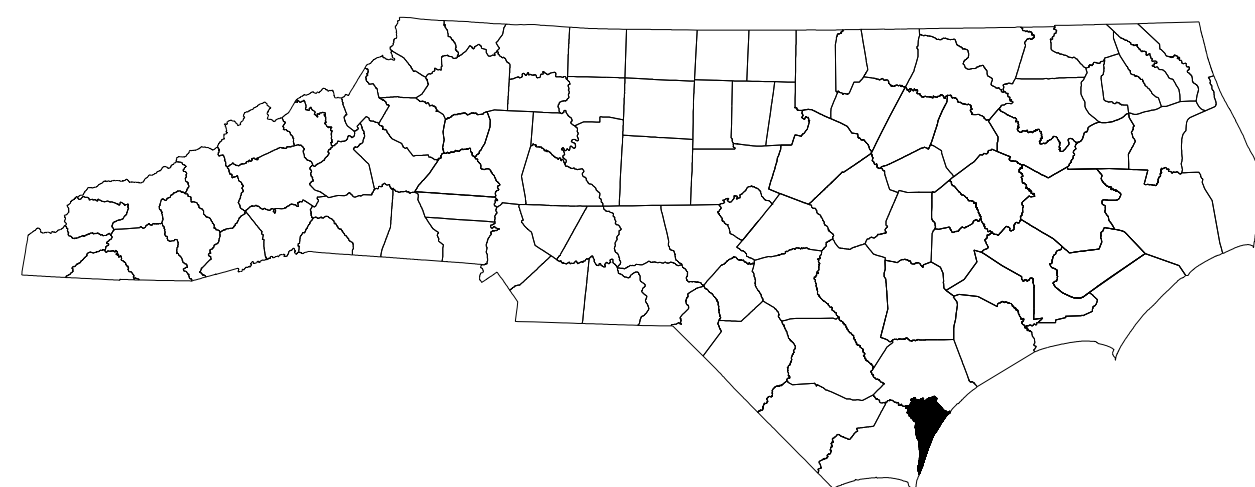
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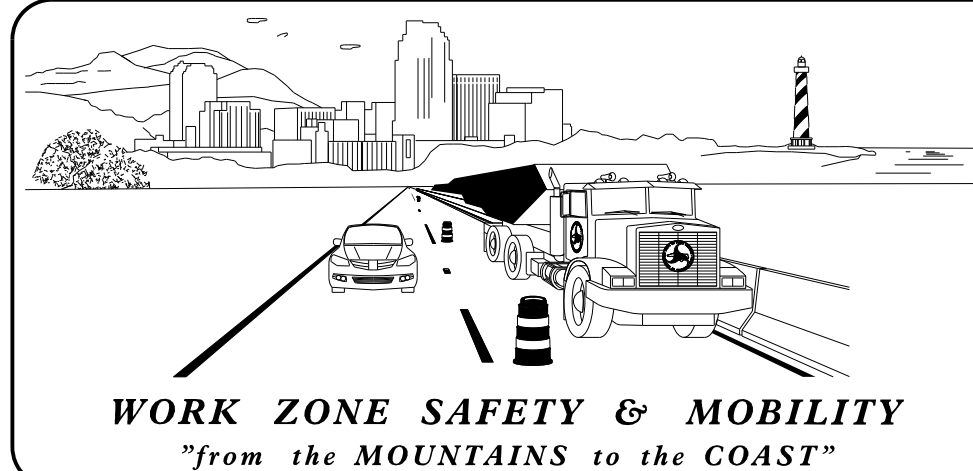
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

NEW HANOVER COUNTY

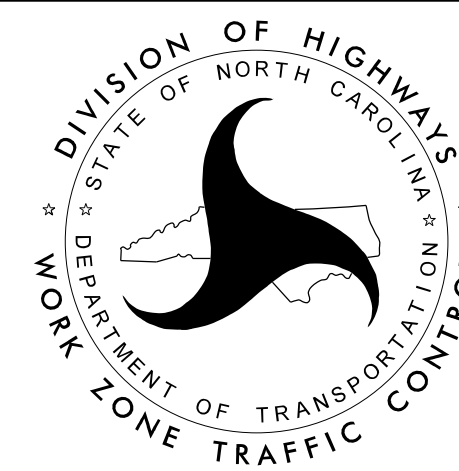


LOCATION: BRIDGE NO.19 OVER LORDS CREEK ON SR 1100



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

DR. J. HUMMER, P.E. STATE TRAFFIC MANAGEMENT ENGINEER
J. STEVE KITE, P.E. TRAFFIC CONTROL PROJECT ENGINEER
MATT SPRINGER, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER
TRAFFIC CONTROL DESIGN ENGINEER



INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, GENERAL NOTES, AND PHASING
TMP-2	SPECIAL SIGN DESIGN
TMP-3	TEMPORARY TRAFFIC CONTROL - OFF-SITE DETOUR
TMP-4	TEMPORARY TRAFFIC CONTROL - OFF-SITE DETOUR DETAILS AND DETOUR SIGNS

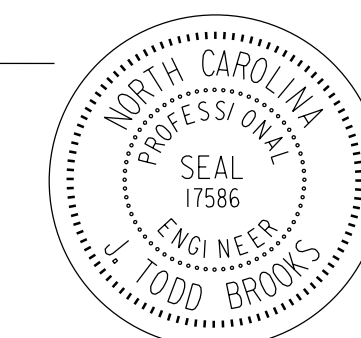
SHEET NO.
TMP-1

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEES #F-0326

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APPROVED:
DATE: 5/25/2017

SEAL



TIP PROJECT: B-5236

25-MAY-2017 16:21 G:\Transportation\Traffic\Curran\NCDOT 10 Bridges\TMP\00053588 - B-5236 TMP Bridge Replace 588\TrafficControl\TCP\B-5236 TMP 01.dgn WILE2054 AT DUS300019

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
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE ROADWAYS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY

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)

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

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.

TRAFFIC PATTERN ALTERATIONS

- A) NOTIFY THE ENGINEER THIRTY ONE (31) 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 AND DEVICES 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 ROAD.

PAVEMENT MARKINGS AND MARKERS

- F) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- G) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS.

PHASING

STEP 1: ONE WEEK PRIOR TO CLOSING SR 1100 (RIVER RD) INSTALL A CMS ON EACH APPROACH TO THE BRIDGE, AS DIRECTED BY THE ENGINEER, TO ADVISE MOTORISTS OF UPCOMING ROAD CLOSURE. INSTALL ALL DETOUR SIGNING, KEEPING SIGNS COVERED PRIOR TO CLOSURE OF SR 1100 (RIVER RD) TO TRAFFIC. (SEE SHEETS TMP-3 AND TMP-4).

STEP 2: USING ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9, CLOSE SR 1100 (RIVER RD) TO TRAFFIC, UNCOVER ALL DETOUR SIGNING AND SHIFT TRAFFIC TO DETOUR (SEE SHEETS TMP-3 AND TMP-4).

STEP 3: DISMANTLE AND REMOVE EXISTING BRIDGE

STEP 4: COMPLETE CONSTRUCTION OF PROPOSED STRUCTURE, APPROACH, ROADWAY TIE-INS, AND ASSOCIATED ITEMS INCLUDING FINAL PAVEMENT MARKINGS AND MARKERS.

STEP 5: REMOVE ALL DETOUR SIGNING, ALL TEMPORARY TRAFFIC CONTROL DEVICES AND OPEN SR 1100 (RIVER RD) TO TRAFFIC.

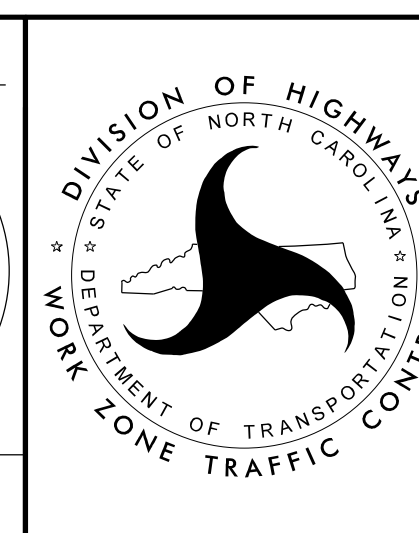
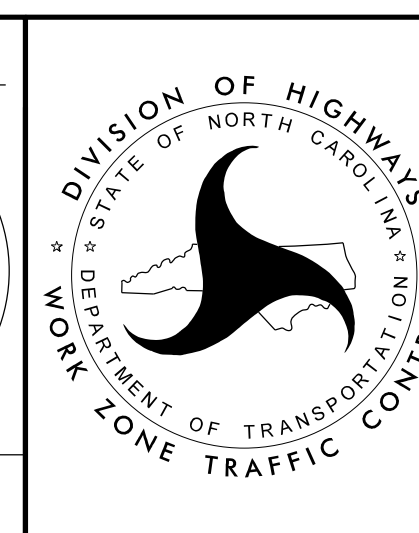
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APPROVED DocuSigned by:
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DATE: 5/30/2017

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ROADWAY STANDARD DRAWINGS, LEGEND, GENERAL NOTES AND PHASING

PROJ. REFERENCE NO.	SHEET NO.
B-5236	TMP-2

SIGN NUMBER: SP1 **BACKG COLOR:** Fluorescent Orange
TYPE: STATIONARY **COPY COLOR:** Black
QUANTITY: SEE PLANS

SIGN WIDTH: 2'-0"
HEIGHT: 1'-6"
TOTAL AREA: 3.0 Sq.Ft.

BORDER TYPE: INSET
RECESS: 0.38"
WIDTH: 0.5"
RADII: 1.5"

NO. Z BARS: **MAT'L:** 0.080" (2.0 mm) ALUMINUM
LENGTH:

DESIGN BY: LD STOUCKHO **CHECKED BY:** **Feb 24, 2017**
PROJECT ID: B-5236 **LOCATION:** NEW HANOVER COUNTY **DIV:** 3

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.

BORDER R=1.5"
 TH=0.5"
 IN=0.38"

Panel Style: const rect.ssi
 M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

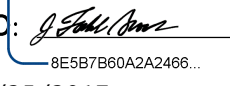
LETTER POSITIONS

Letter locations are panel edge to lower left corner

							Series/Size	
							Text Length	
		R	I	V	E	R		C 2000
		4.5	8.2	9.6	13.4	16.8		15.1
		R	O	A	D			C 2000
		5.1	8.7	12.2	16.1			13.9

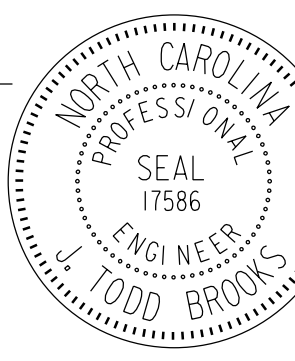
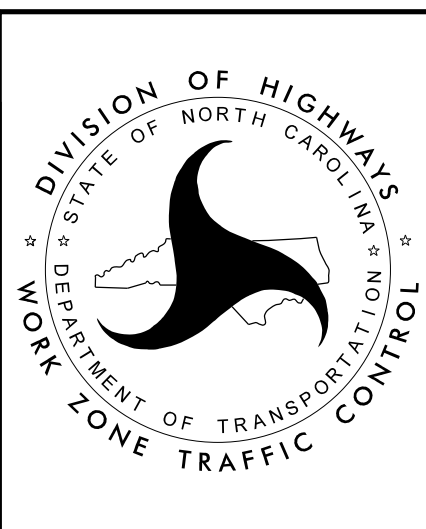
NORTH CAROLINA D.O.T. SIGN DETAIL

25-MAY-2017 16:21
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 MILE2034 - AT - DUS3000B

APPROVED: 
DocuSigned by: J. Todd Brooks
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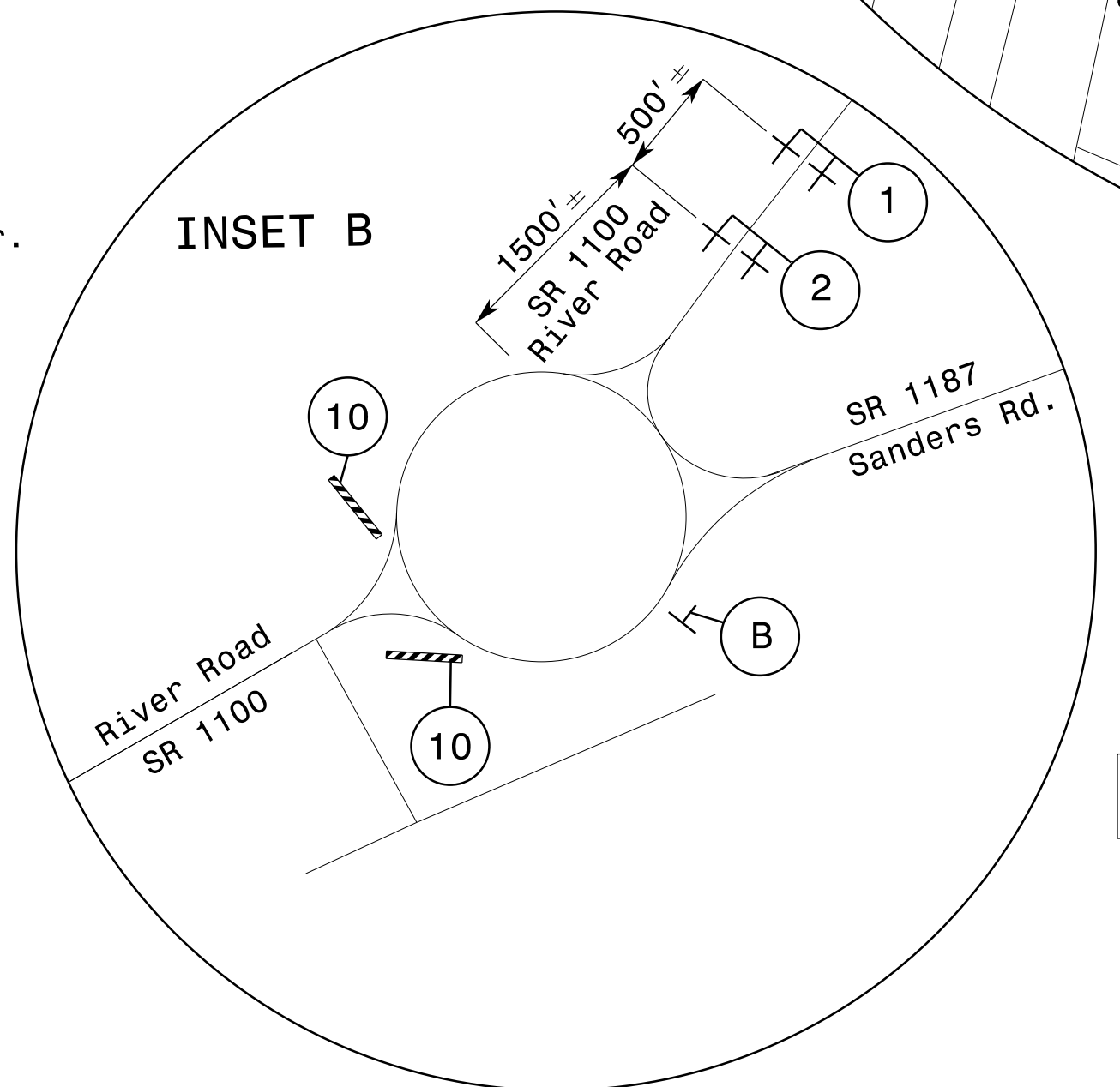
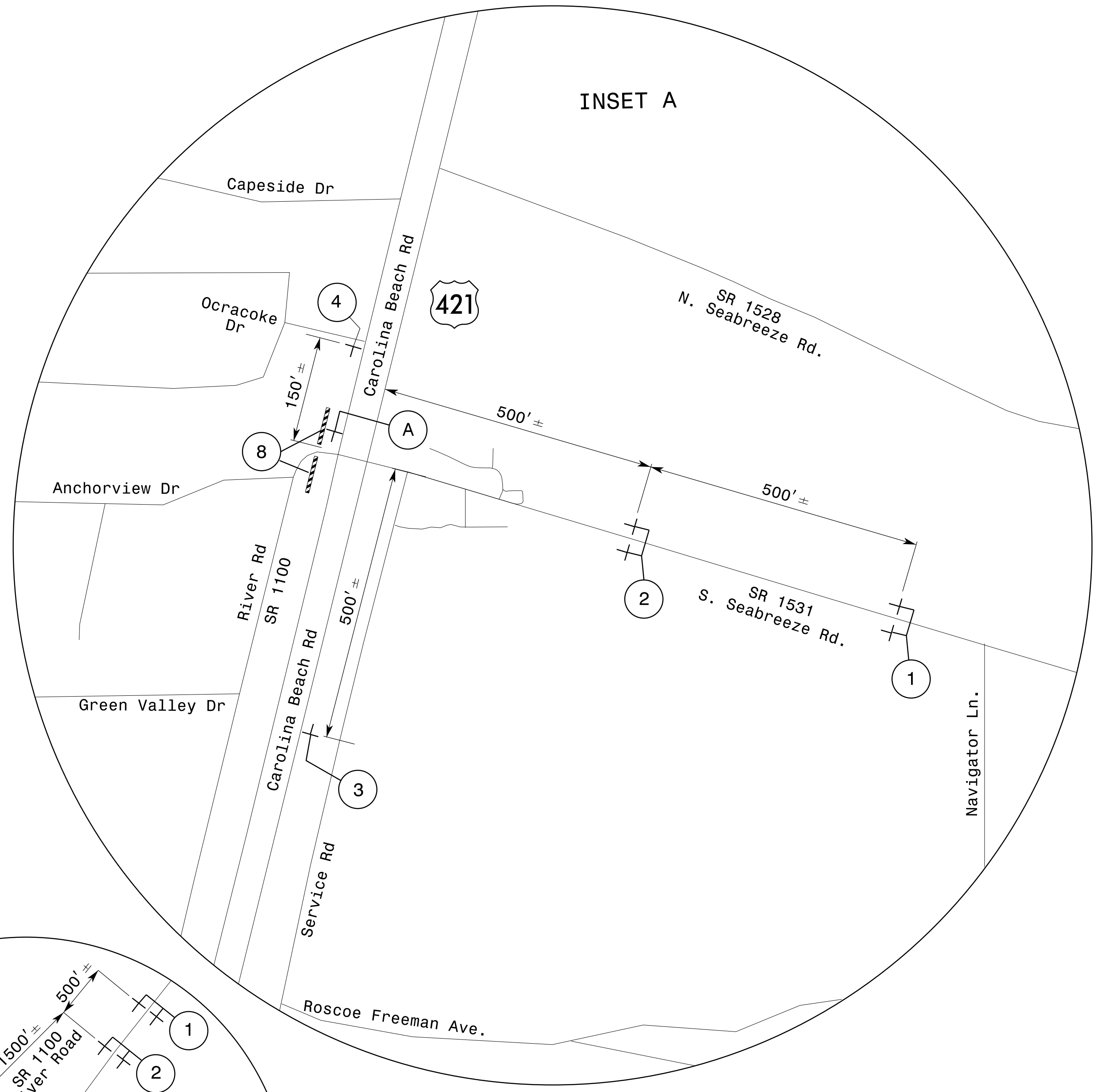
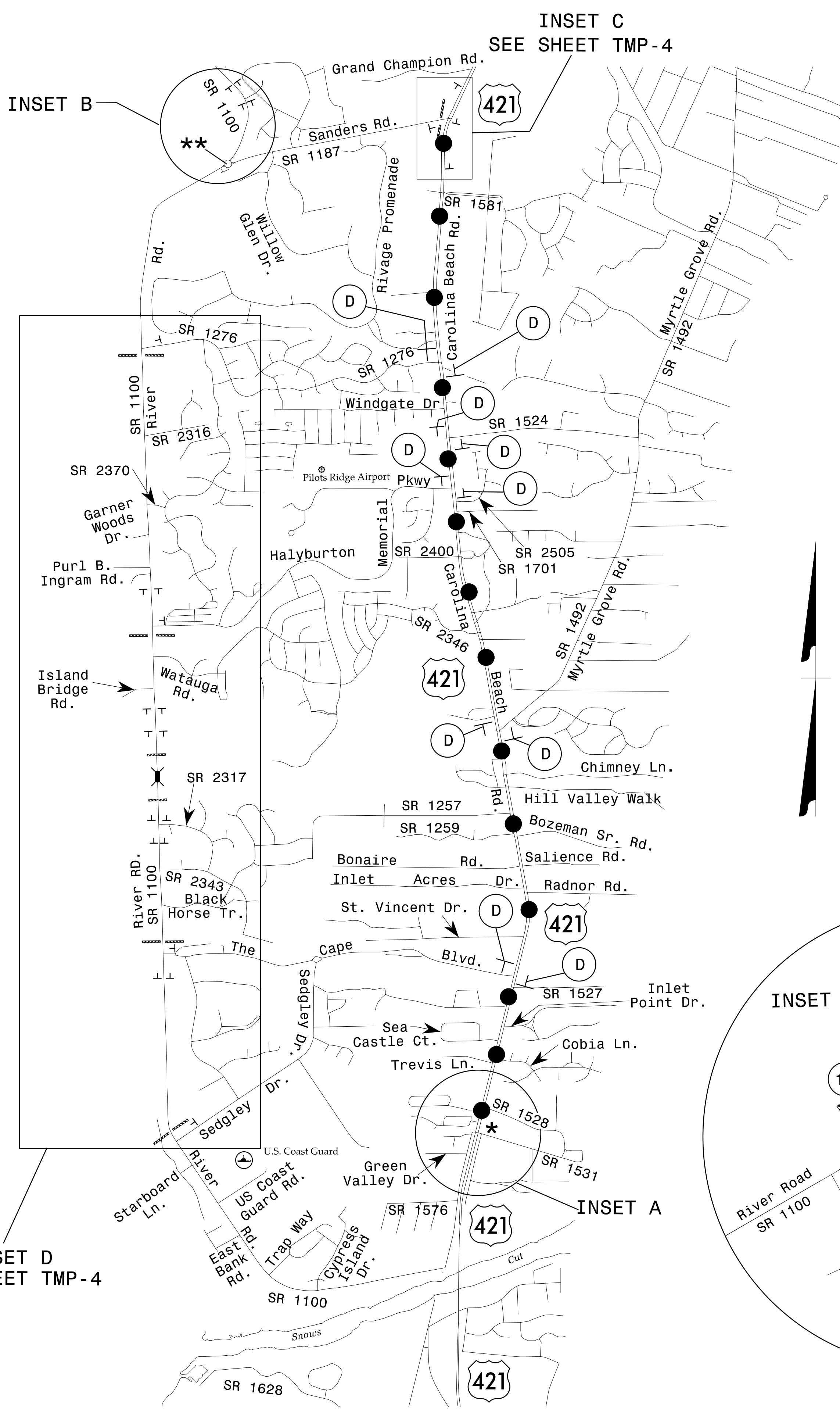
DATE: 5/25/2017

SEAL

SPECIAL SIGN DESIGN
SR 1100
(RIVER ROAD)

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INSET D
SEE SHEET TMP-4

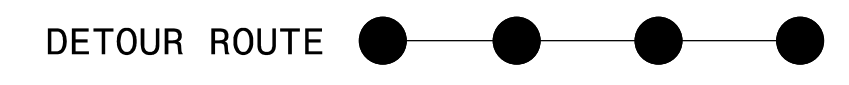
INSET C
SEE SHEET TMP-4

INSET A

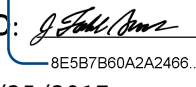
INSET B

INSET A

- * SEE INSET A FOR PLACEMENT OF ADDITIONAL BARRICADES, ROAD CLOSURE AND DETOUR SIGNS NOT SHOWN ON DETOUR MAP AT THE INTERSECTION OF US 421 AND S. SEABREEZE RD.
- ** SEE INSET B FOR PLACEMENT OF ADDITIONAL BARRICADES, AND ROAD CLOSURE AND DETOUR SIGNS NOT SHOWN ON DETOUR MAP AT THE INTERSECTION OF RIVER ROAD AND SANDERS RD.

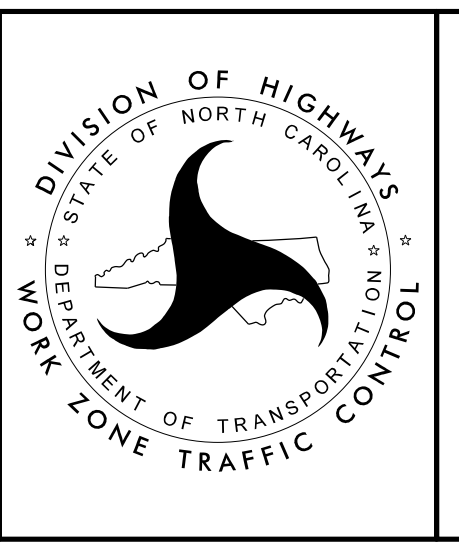


REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9 FOR APPLICABLE NOTES.

APPROVED: 
DATE: 5/25/2017

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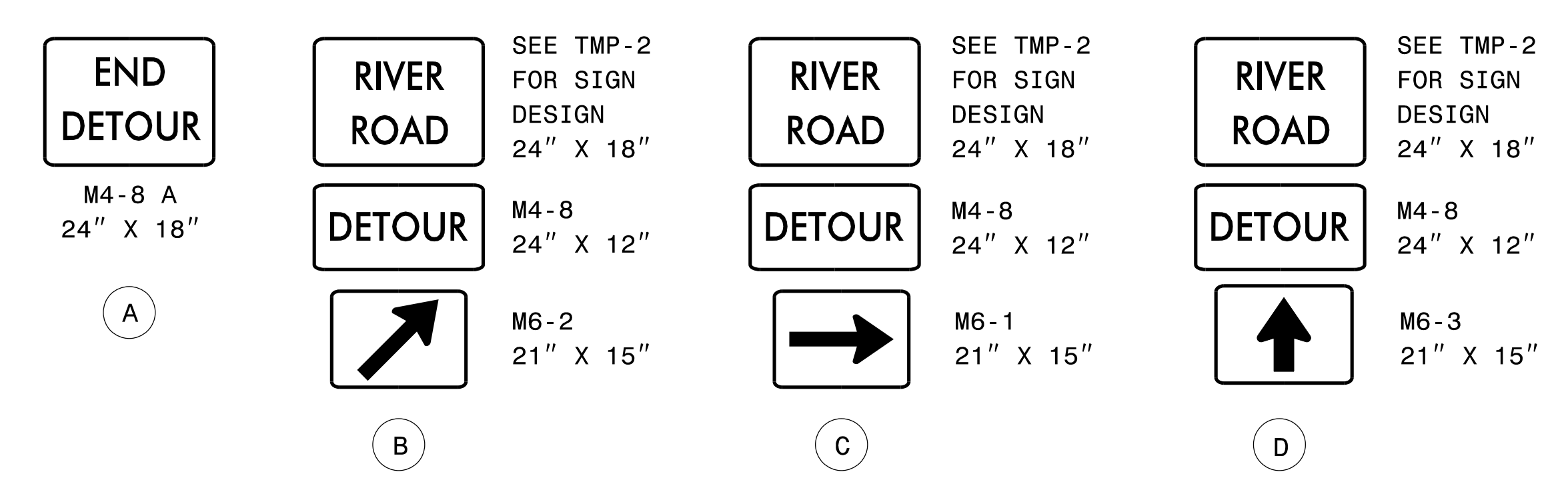
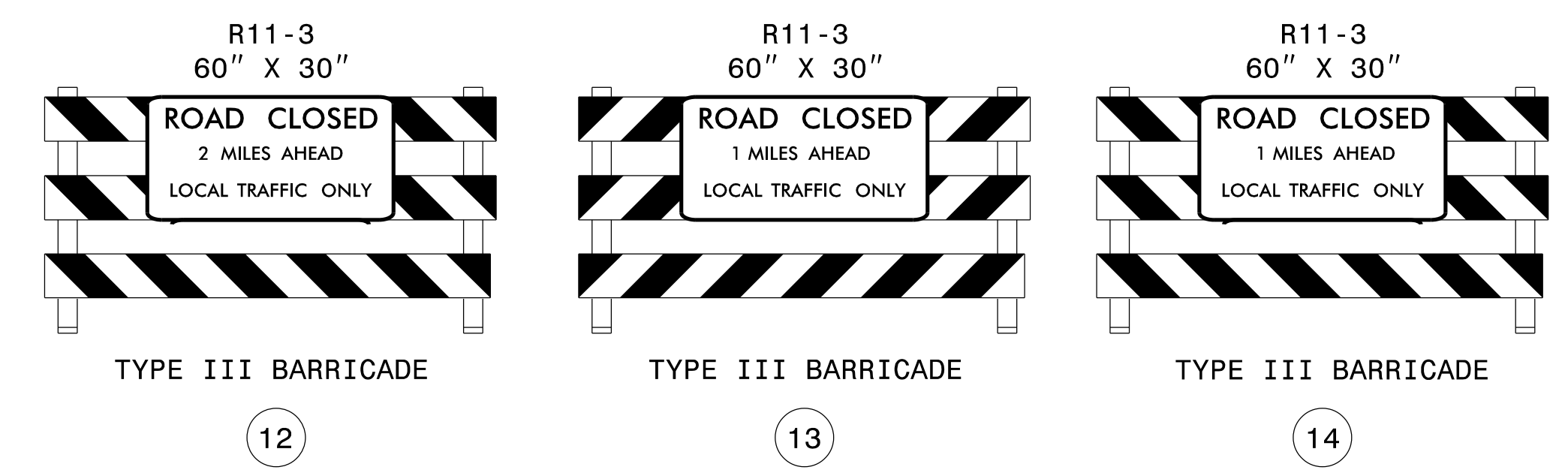
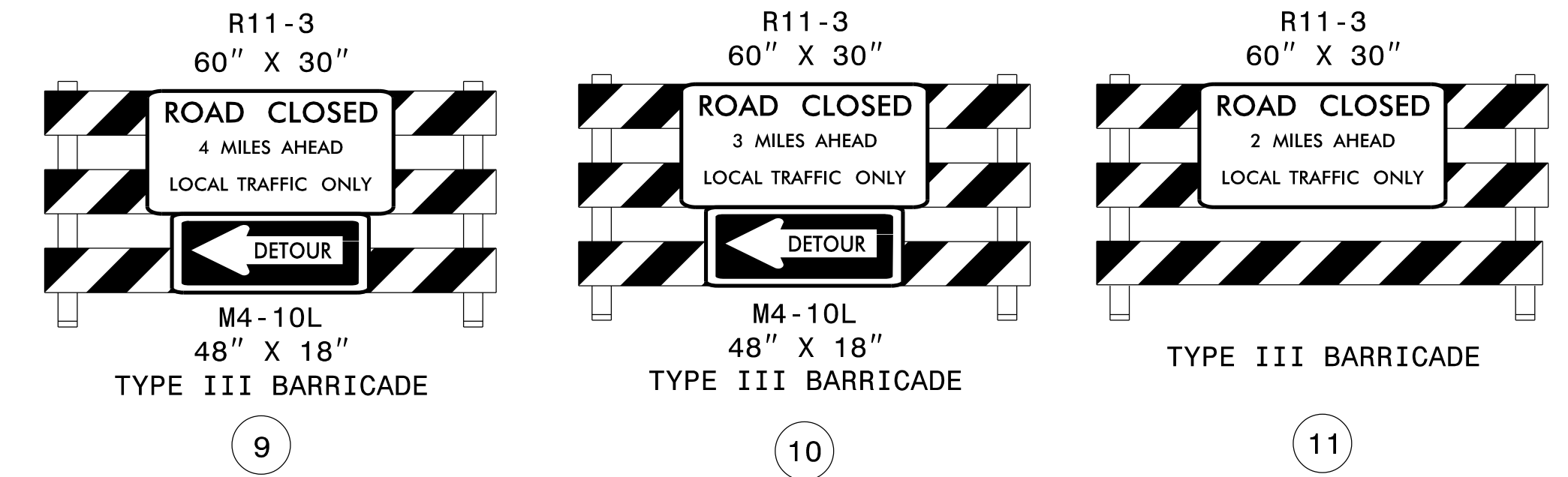
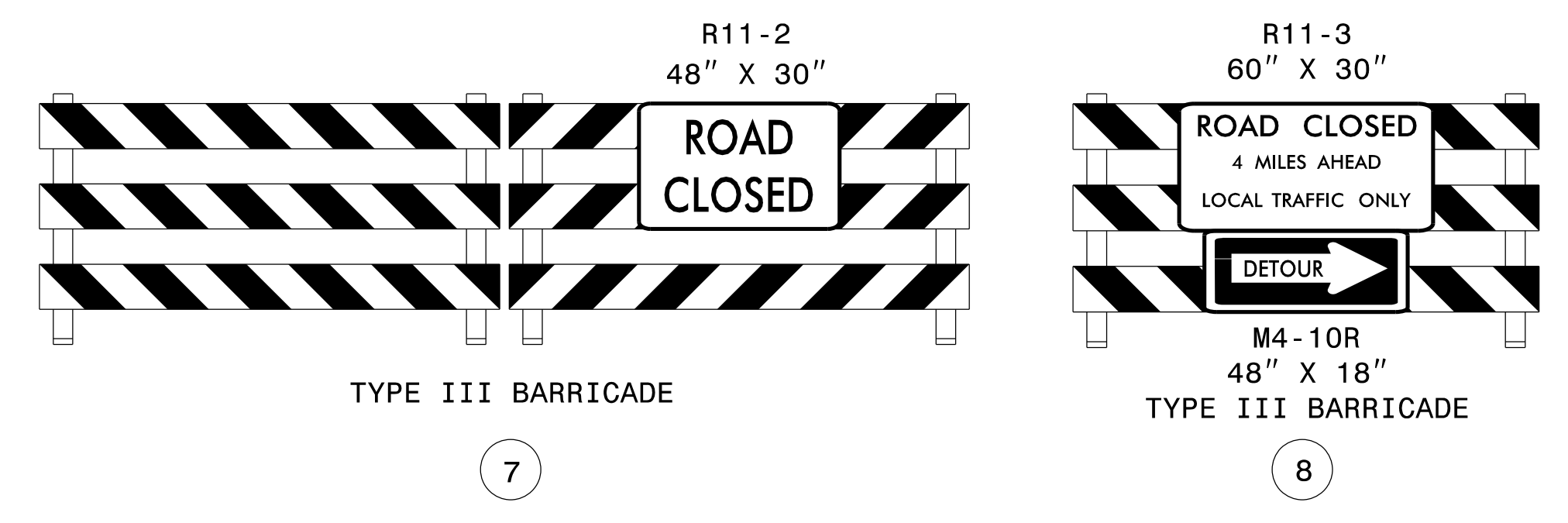
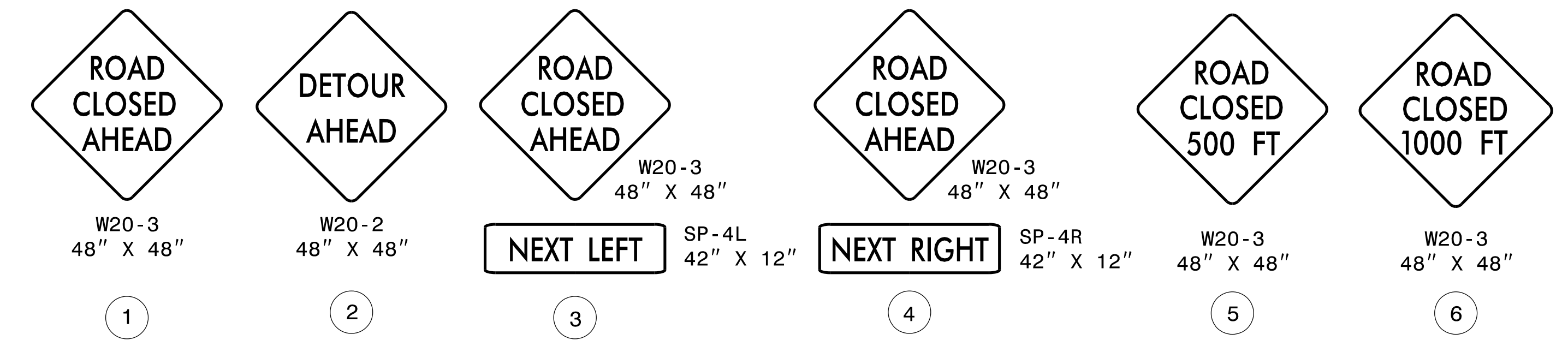
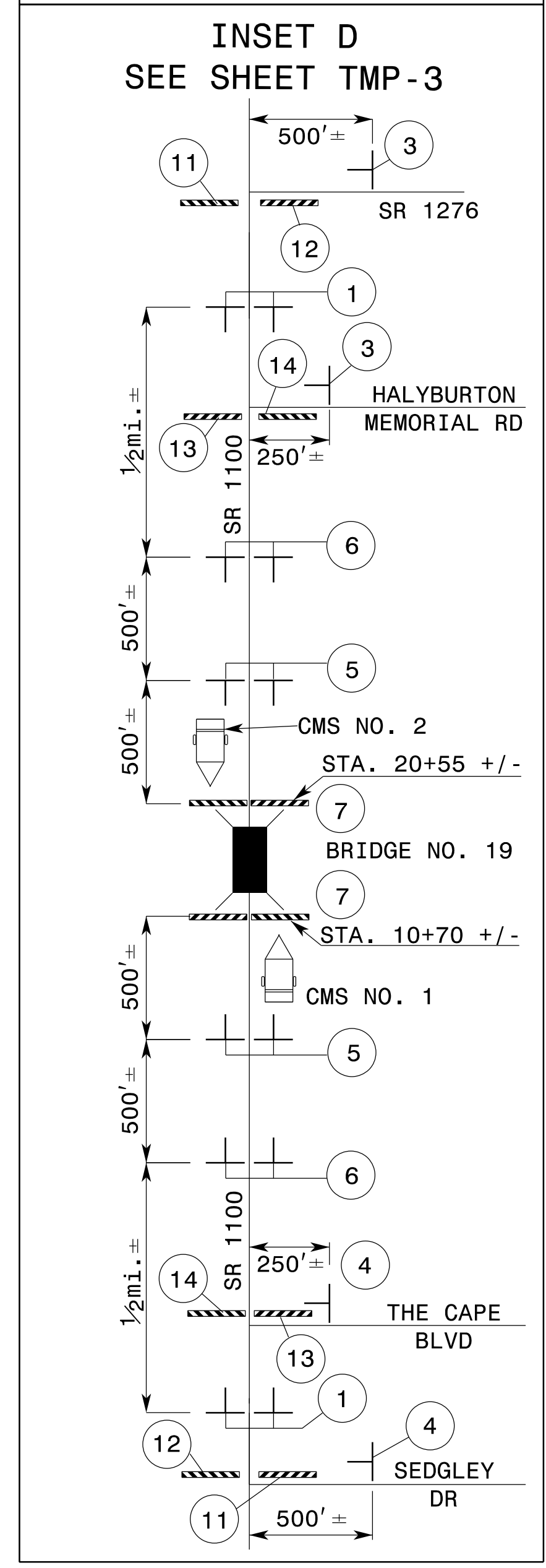
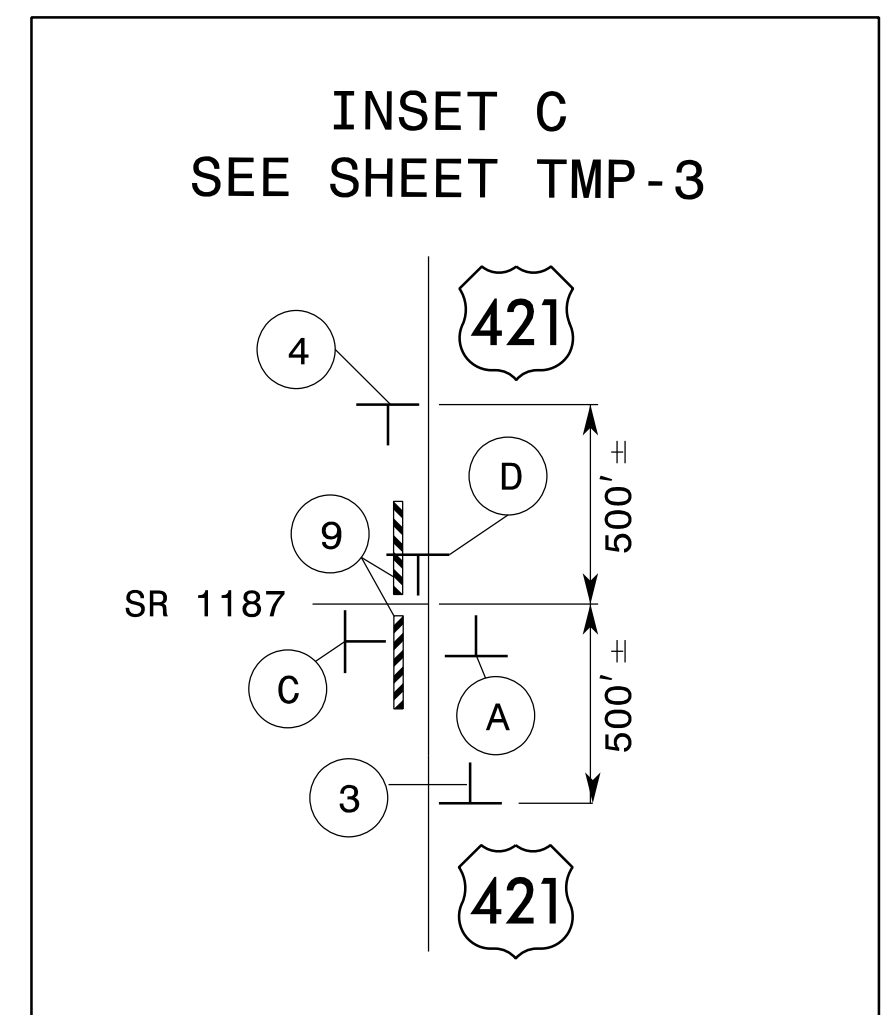
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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

OFF-SITE DETOUR
SR 1100
(RIVER ROAD)

25-MAY-2017 16:21
C:\Users\jtblong\Documents\Projects\Traffic\TrafficControl\TCP\B-5236-TMP-03.dgn
Bridges TMP\00053588 - B-5236 TMP Bridge Replace 588\Traffic\TrafficControl\TCP\B-5236-TMP-03.dgn
AT-DUS300019



CMS NUMBERS 1 & 2

MESSAGE NO. 1	MESSAGE NO. 2
RIVER RD TO CLOSE AT BRIDGE	xxx DAY mmm dd AT hh A(P)M

CHANGEABLE MESSAGE SIGN

(1) (2)

xxx = DAY OF WEEK
 mmm = 3 LETTER MONTH ABBREVIATION
 dd = NUMERIC DATE
 hh = HOUR

- CHANGEABLE MESSAGE SIGN (CMS) NOTES
- INSTALL PORTABLE CMS ON SHOULDER AT EACH APPROACH TO BRIDGE AS DIRECTED BY THE ENGINEER.
 - DELINEATE CMS WITH A MINIMUM OF 5 DRUMS CONSISTING OF A 4-DRUM APPROACH TAPER PLUS 1 DRUM AT FAR CORNER OF CMS.
 - DISPLAY MESSAGE FOR 7 CALENDAR DAYS PRIOR TO ROAD CLOSURE. REMOVE CMS ONCE ROAD IS CLOSED.

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APPROVED: DATE: 5/25/2017 SEAL			OFF-SITE DETOUR DETAILS AND SIGNS SR 1100 (RIVER ROAD)
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