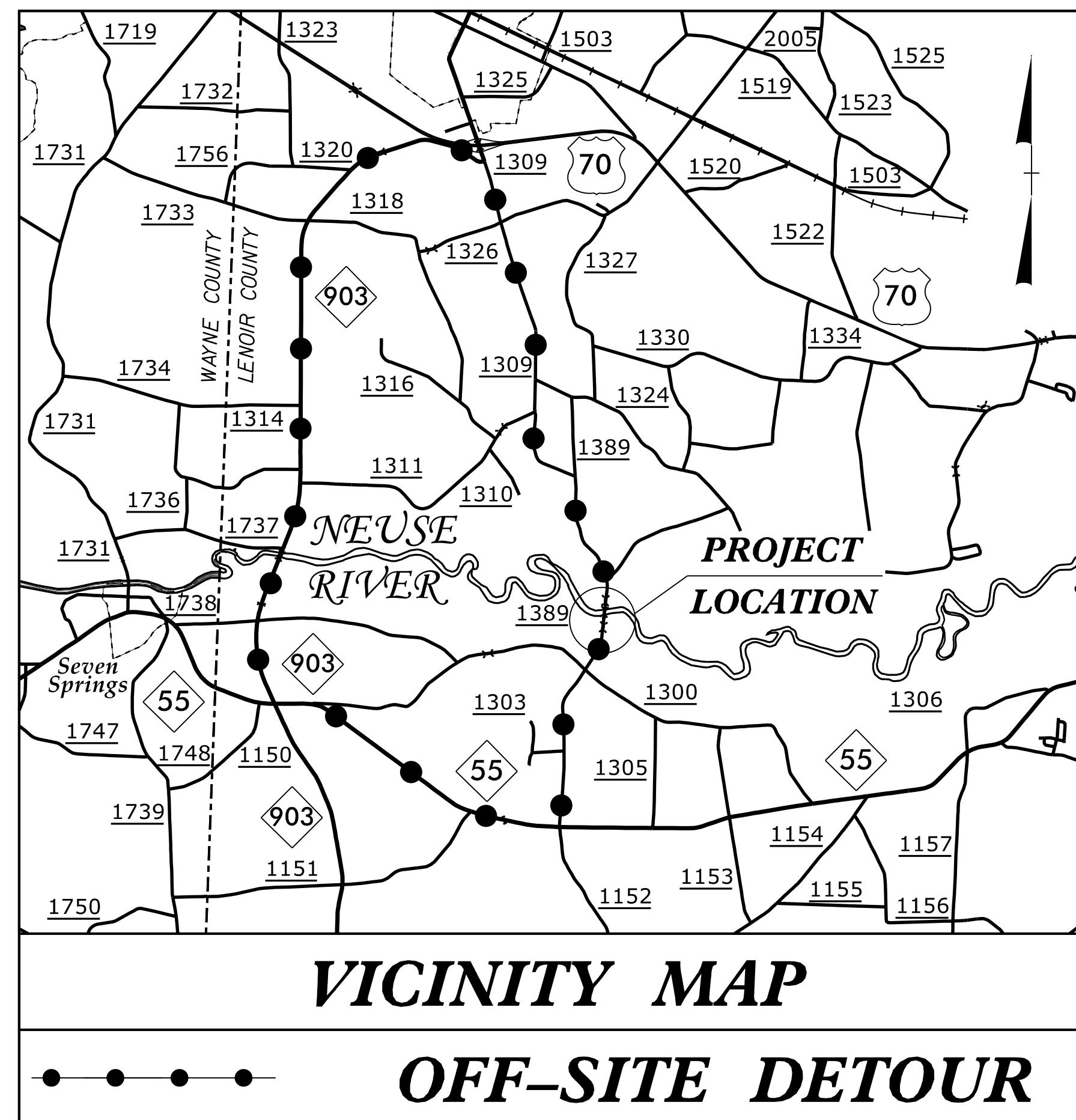
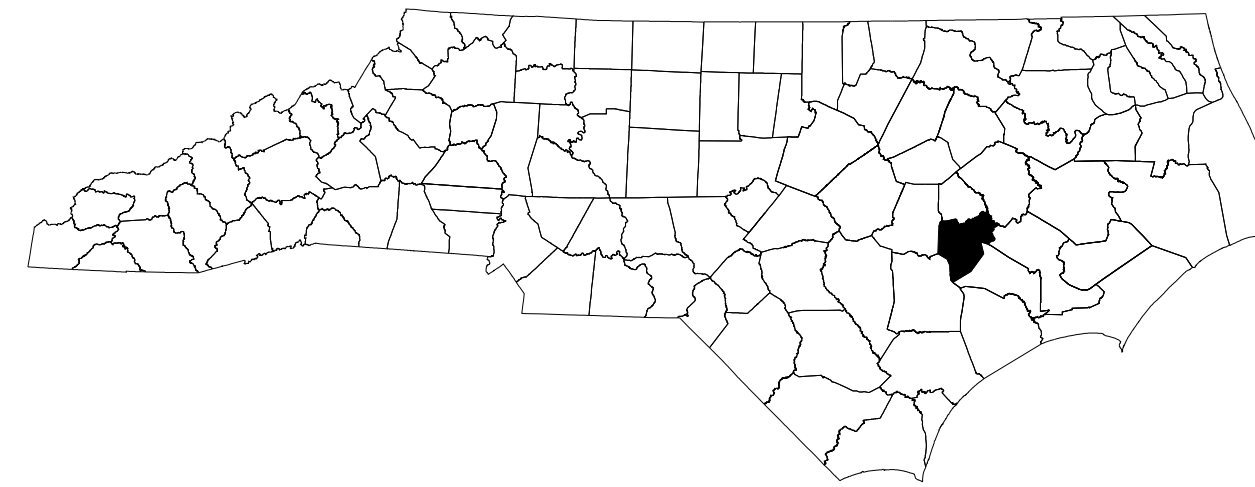


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

LENOIR COUNTY



VICINITY MAP

OFF-SITE DETOUR

INDEX OF SHEETS

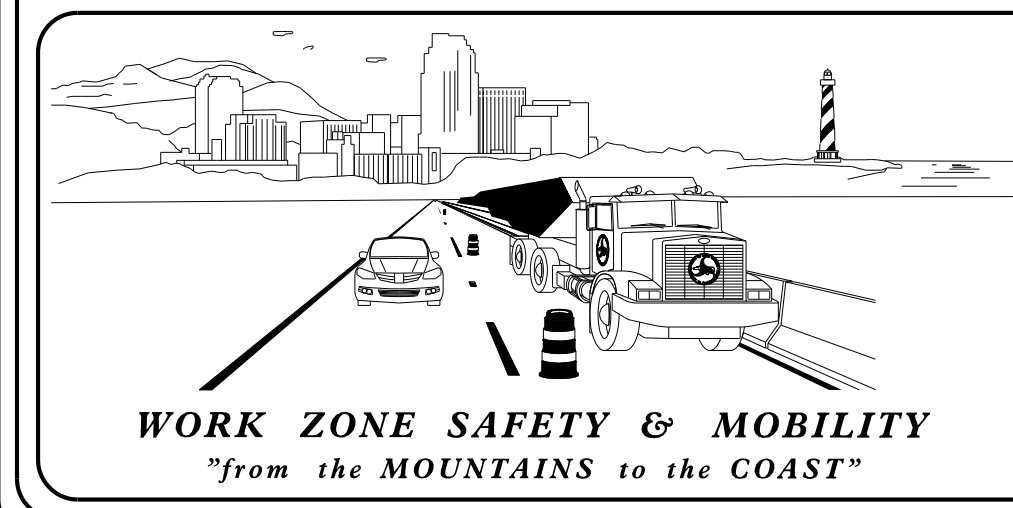
<u>SHEET NO.</u>	<u>TITLE</u>
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-2	TRANSPORTATION OPERATIONS PLAN: GENERAL NOTES, MANAGEMENT STRATEGIES, LOCAL NOTES, AND PHASING
TMP-3	SPECIAL SIGN DESIGN & DETOUR SIGNING
TMP-4	OFF-SITE DETOUR

SHEET NO.
TMP-1

B-5619

TIP PROJECT:

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



PLANS PREPARED BY:

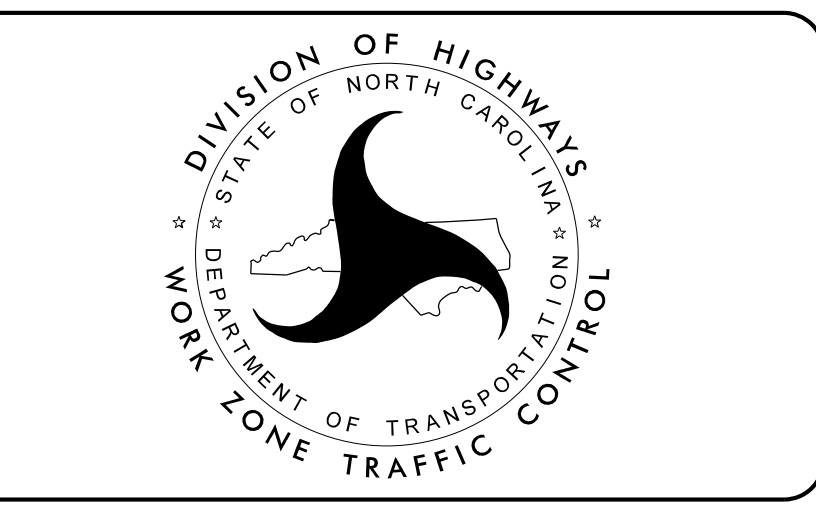
RICK DECOLA, PE
PROJECT ENGINEER

SURAJ SANGHANI, EI
PROJECT DESIGN ENGINEER

NCDOT CONTACTS:

KENNETH C. THORNEWELL, PE
PROJECT ENGINEER

ALLA LYUDMIRSKAYA
PROJECT DESIGN ENGINEER



PLANS PREPARED BY:

Mead & Hunt

111 E. Hargett Street, Suite 300
Raleigh, North Carolina 27601
919-714-8670 | meadhunt.com
NC License No. F-1235

APPROVED: *R. S. Decola*

DATE: 03/19/2021

SEAL

1/29/2021
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User:rl27sr

PROJ. REFERENCE NO. B-5619	SHEET NO. TMP-1A
PLANS PREPARED BY: Mead&Hunt 111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670 meadhunt.com NC License No. F-1235	

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 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
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
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.
- TEMP. SHORING (LOCATION PURPOSES ONLY)
- WORK AREA
- REMOVAL
- STRUCTURE EXCAVATION
- INCIDENTAL STONE

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

3/17/2021
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APPROVED: DATE: 03/19/2021 SEAL 		ROADWAY STANDARD DRAWINGS & LEGEND
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

PROJ. REFERENCE NO.	SHEET NO.
B-5619	TMP-2
PLANS PREPARED BY:	
Mead&Hunt	
111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670 meadhunt.com NC License No. F-1235	

LOCAL NOTES

NOTIFY LENOIR COUNTY PUBLIC SCHOOLS (252-527-7092) AT LEAST ONE MONTH PRIOR TO CLOSURE.

NOTIFY LENOIR COUNTY EMERGENCY SERVICES (252-559-2274) AT LEAST ONE MONTH PRIOR TO CLOSURE.

MANAGEMENT STRATEGIES

DURING CONSTRUCTION OF PROPOSED STRUCTURES #52 AND #152, SR 1389 (HARDY BRIDGE ROAD) WILL BE CLOSED AND TRAFFIC WILL BE MAINTAINED VIA AN OFF-SITE DETOUR.

CHANGEABLE MESSAGE SIGNS WILL BE PLACED ON-SITE TWO TO THREE WEEKS IN ADVANCE TO NOTIFY THE PUBLIC OF THE PENDING ROAD CLOSURE.

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 (30) 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 MANAGEMENT PLANS.

C) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATIONS.

COVER OR REMOVE ALL SIGNS 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 ROADWAY.

PAVEMENT MARKINGS AND MARKERS

F) INSTALL PAVEMENT MARKINGS ON THE FINAL SURFACE AS SHOWN IN THE FINAL PAVEMENT MARKING PLAN.

G) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

TEMPORARY TRAFFIC CONTROL PHASING

STEP 1: USING RSD NO. 1101.02 (SHEET 1 OF 14) COMPLETE THE RESURFACING OF SR 1389 (HARDY BRIDGE ROAD) (REFER TO PART 2 OF THE ROADWAY PLANS).

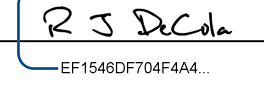
STEP 2: PRIOR TO CONSTRUCTION OPERATIONS OF PART 1, PLACE CHANGEABLE MESSAGE SIGNS INDICATING THE ROAD CLOSURE AS DIRECTED BY THE ENGINEER.

STEP 3: USING RSD NO. 1101.03 (SHEET 1 OF 9) AND SHEET TMP-4, INSTALL DETOUR SIGNS, PLACE TYPE III BARRICADES TO CLOSE SR 1389 (HARDY BRIDGE ROAD) TO ALL TRAFFIC, AND DETOUR TRAFFIC OFF-SITE. REMOVE CHANGEABLE MESSAGE SIGNS PRIOR TO WORK.

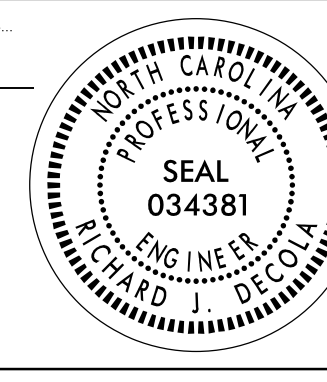
STEP 4: AWAY FROM TRAFFIC, COMPLETE THE FOLLOWING:
1) REMOVE EXISTING STRUCTURES (BRIDGES NO. 52 AND NO. 152) AND CONSTRUCT PROPOSED STRUCTURES INCLUDING ROADWAY APPROACHES, DRAINAGE, AND GUARDRAIL. (SEE ROADWAY AND STRUCTURE PLANS)
2) CONSTRUCT PROPOSED ROADWAY UP TO AND INCLUDING FINAL LAYER OF SURFACE COURSE ON SR 1389 (HARDY BRIDGE ROAD). (SEE ROADWAY PLANS)
3) PLACE FINAL PAVEMENT MARKINGS AND TIE INTO EXISTING PAVEMENT MARKINGS. (SEE PAVEMENT MARKING PLANS)

STEP 5: REMOVE ALL TRAFFIC CONTROL DEVICES AND ALL DETOUR SIGNING, AND OPEN SR 1389 (HARDY BRIDGE RD) TO PROPOSED TRAFFIC PATTERN.

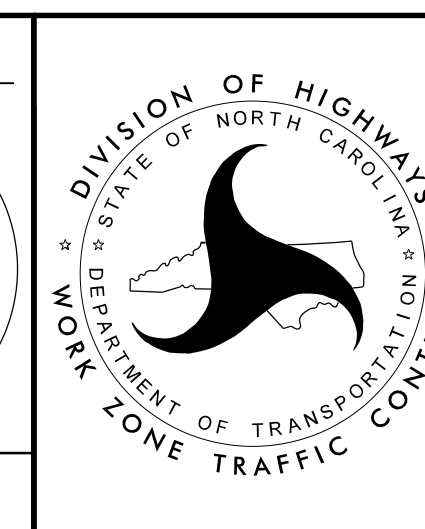
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APPROVED: 
DATE: 03/19/2021

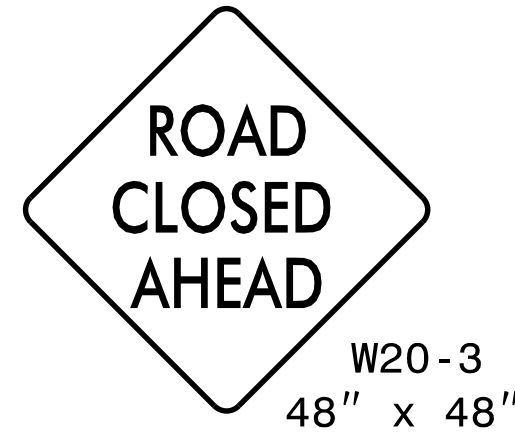
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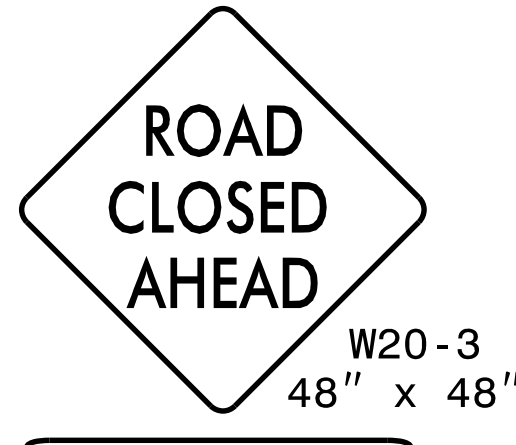
**DOCUMENT NOT CONSIDERED FINAL
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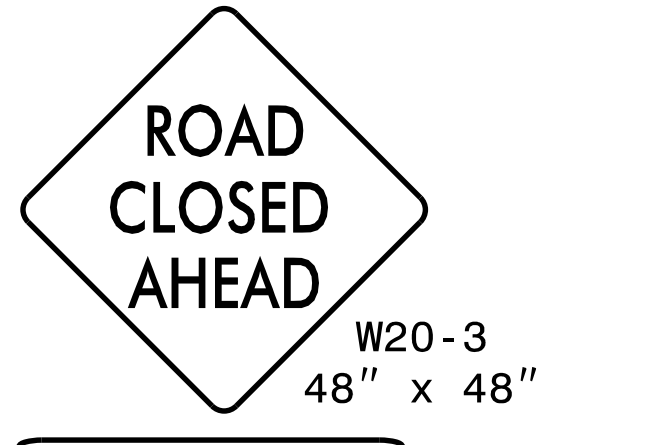
GENERAL NOTES
AND
PHASING



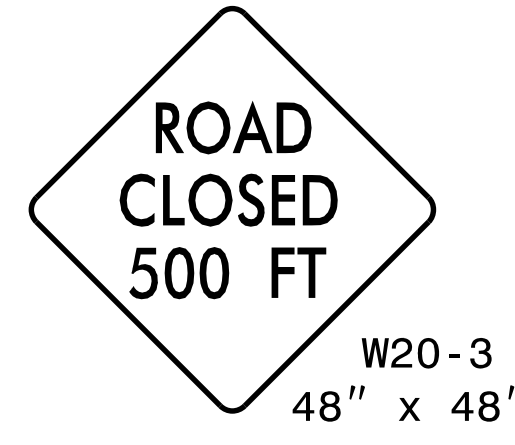
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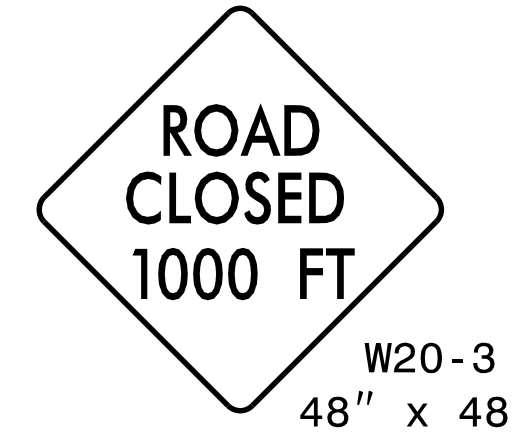
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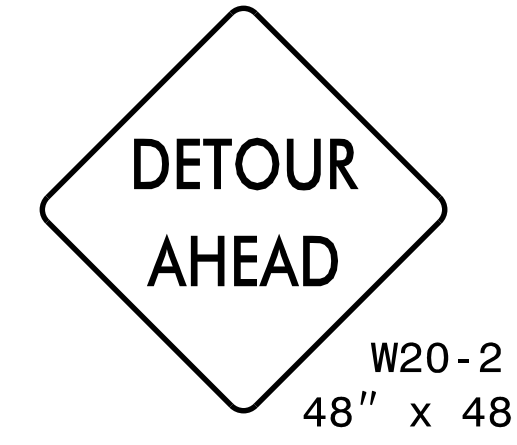
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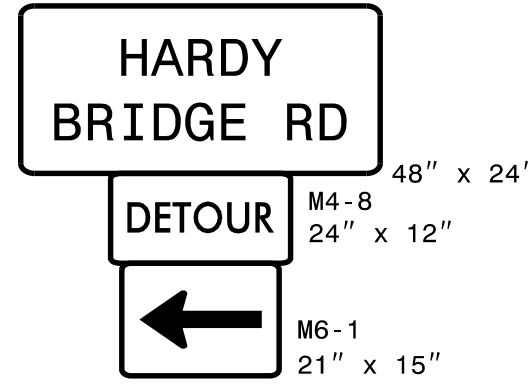
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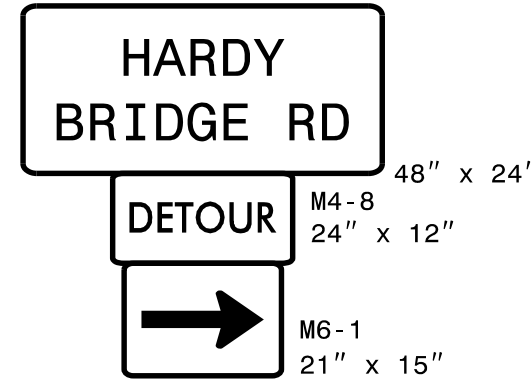
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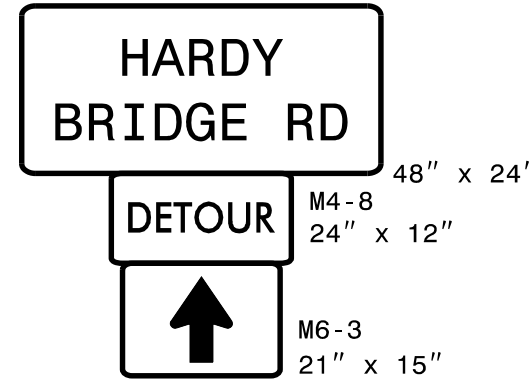
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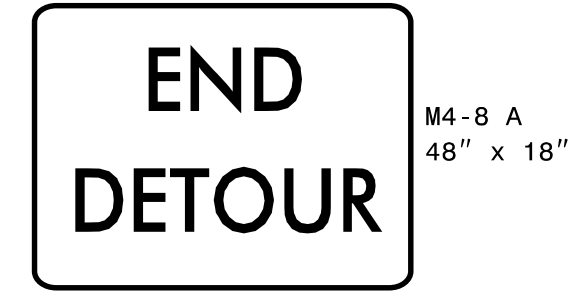
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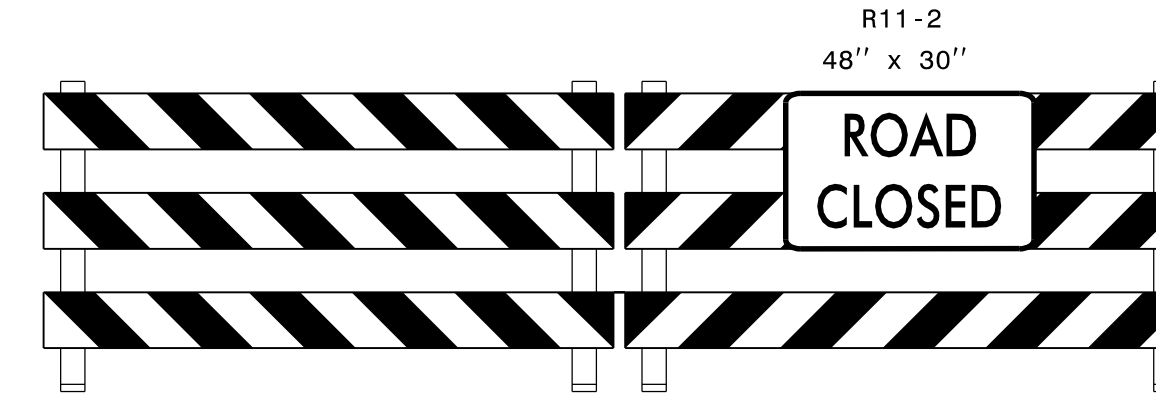
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(I)

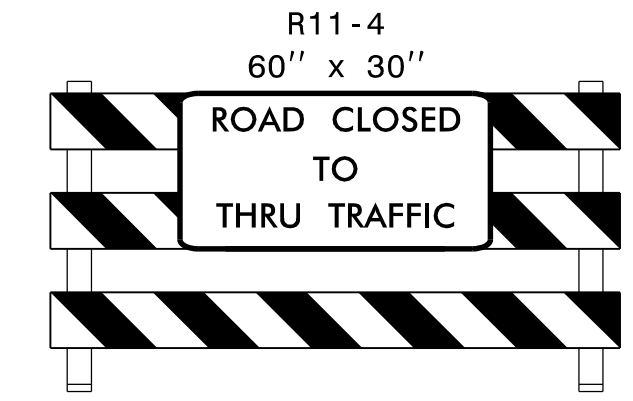


(J)



TYPE III BARRICADE(S)

(K)



TYPE III BARRICADE

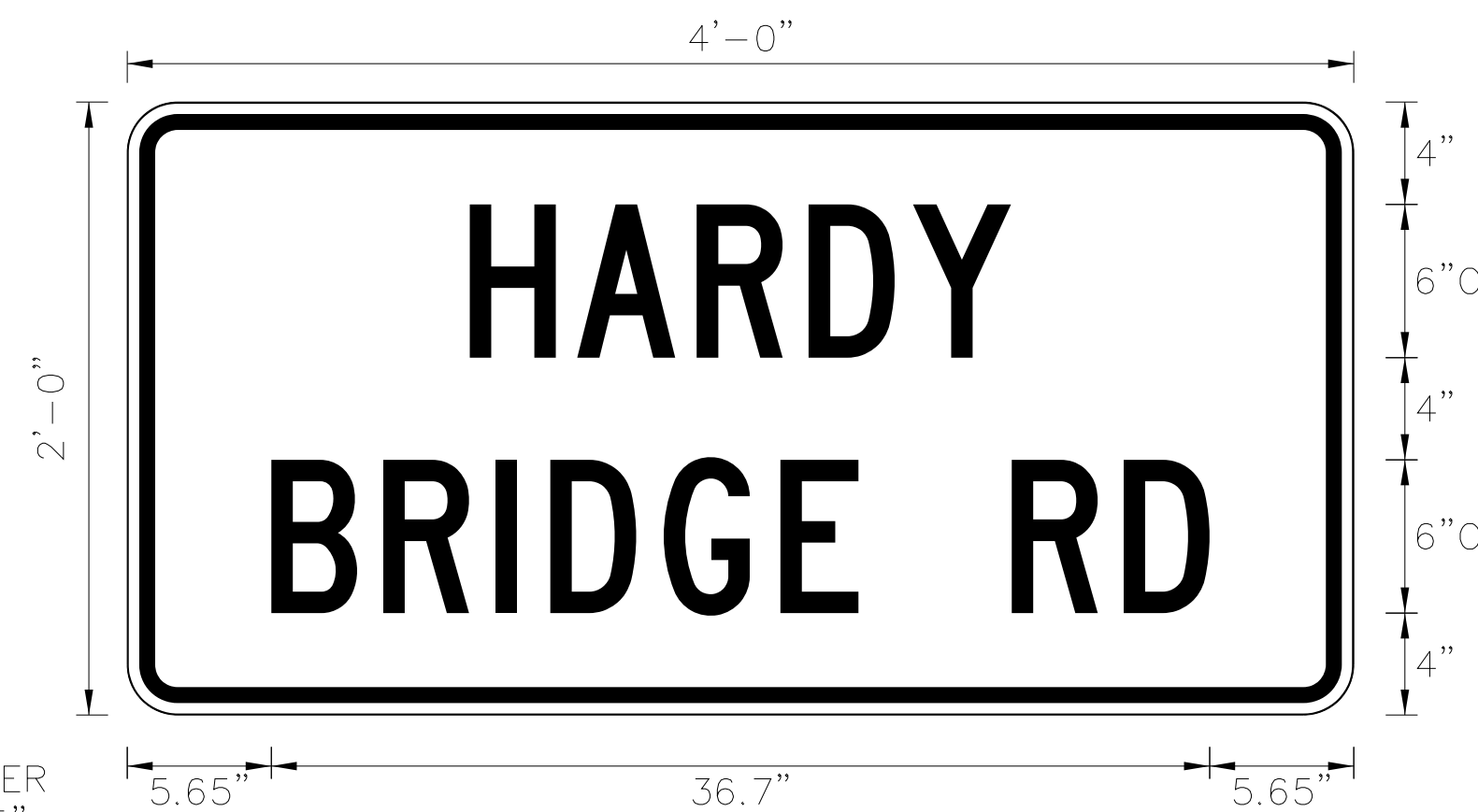
(L)

SIGN NUMBER: SD-1	BACKG COLOR: Fluorescent Orange
TYPE: D	COPY COLOR: Black
QUANTITY: SEE PLANS	
SIGN WIDTH: 4'-0"	
HEIGHT: 2'-0"	
TOTAL AREA: 8.0 Sq.Ft.	
BORDER TYPE: INSET	
RECESS: 0.47"	
WIDTH: 0.63"	
RADII: 1.5"	
NO. Z BARS:	MAT'L: 0.080" (2.0 mm) ALUMINUM
LENGTH:	

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.

DESIGN BY: S.R.SANGHANI CHECKED BY: R.J.DECOLA Nov 24, 2020
PROJECT ID: B-5619 LOCATION: SR1389 (HARDY BRIDGE ROAD) DETOUR DIV: 2



BORDER
R=1.5"
TH=0.63"
IN=0.47"

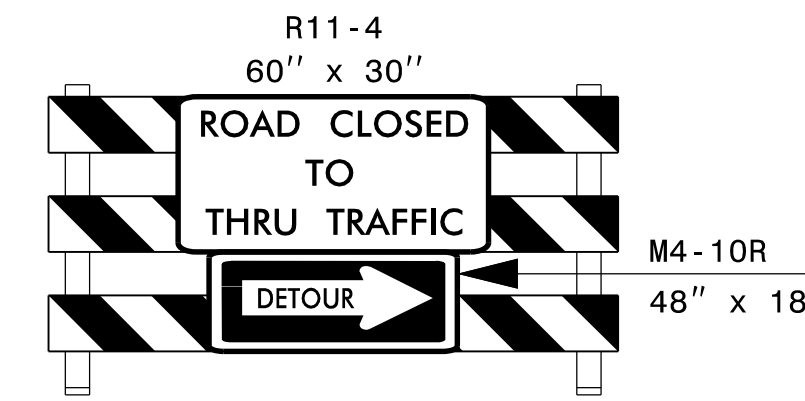
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
	H	A	R	D	Y						Text Length
	13.4	4.2	4.7	4.4	4.1	3.8	13.4				C 2000 21.2
		B	R	I	D	G	E		R	D	C 2000 36.7
	5.6	4.4	4.4	2.2	4.4	4.6	3.1	6	4.4	3.4	5.6

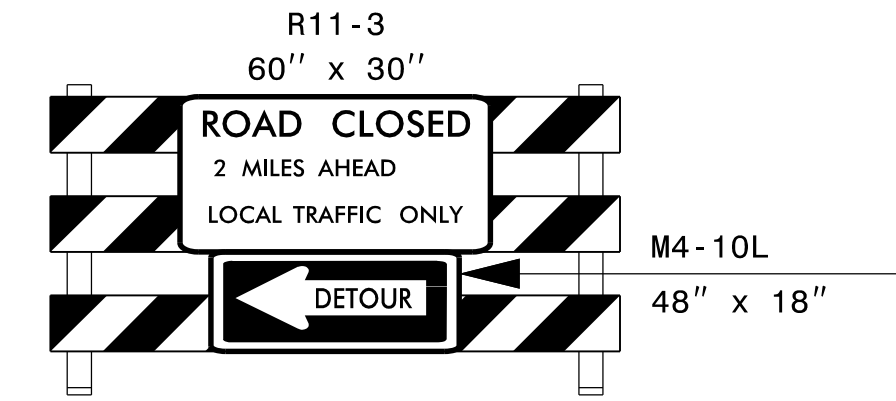
FILENAME: B5619_TC_TMP_03

NORTH CAROLINA D.O.T. SIGN DETAIL



TYPE III BARRICADE

(M)



TYPE III BARRICADE

(N)

MESSAGE NO. 1	MESSAGE NO. 2
BRIDGES CLOSED AHEAD	STARTING XX-XX-XX

CHANGEABLE MESSAGE SIGN

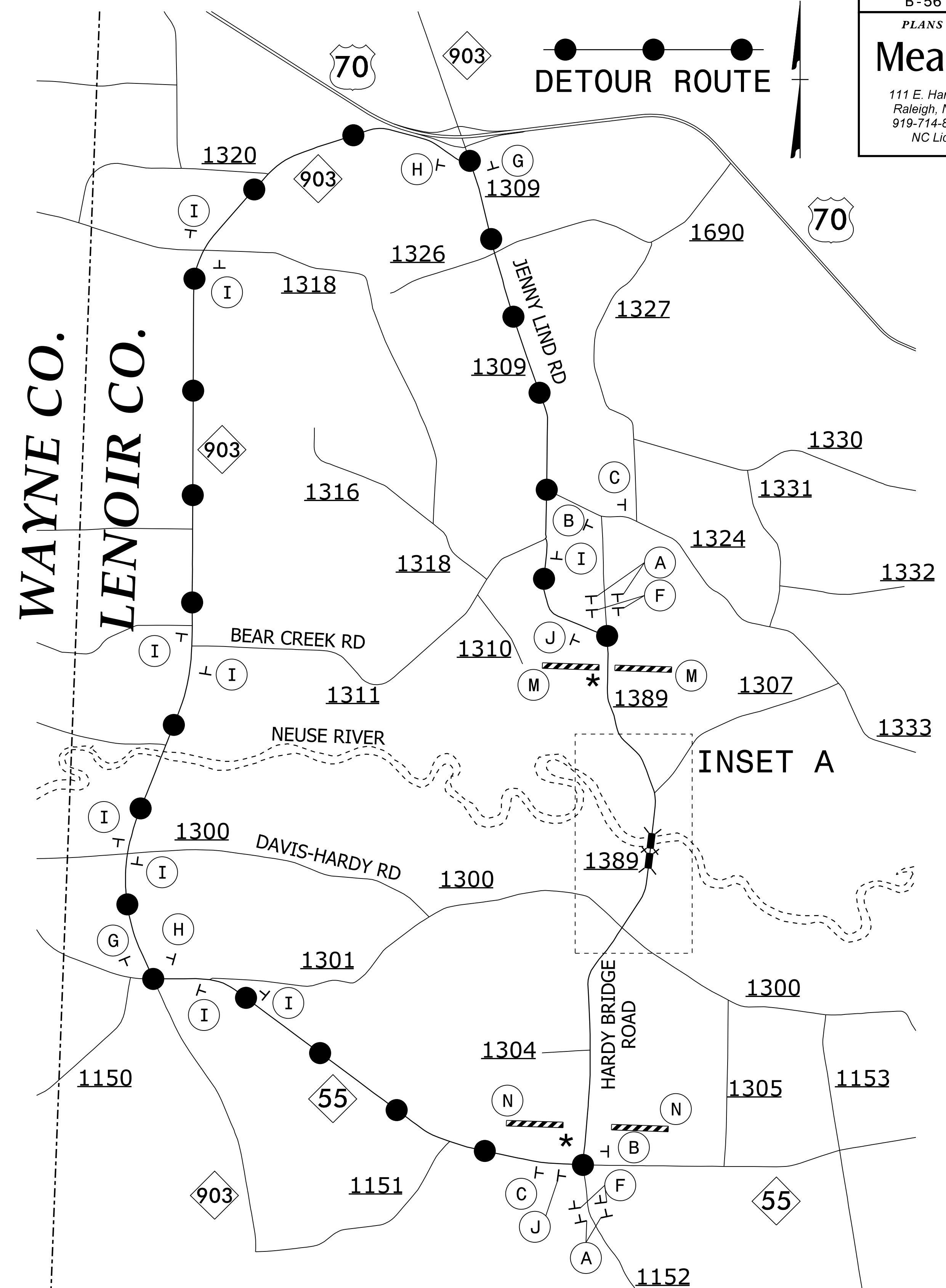
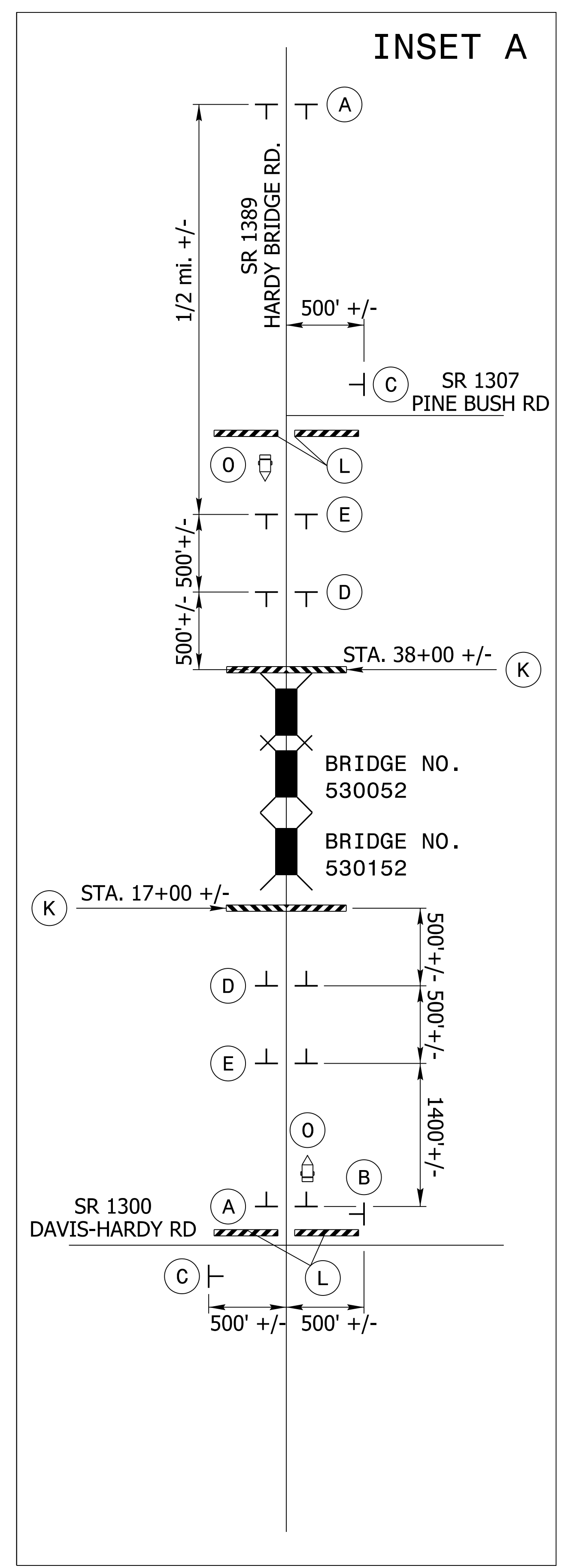
(O)

APPROVED: *R. J. Decola*
DATE: 03/19/2021

SEAL

SPECIAL SIGN DESIGN & DETOUR SIGNING

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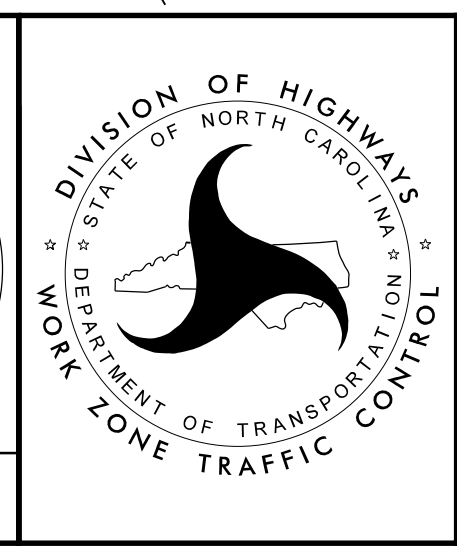


- NOTES:
- ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE.
 - ALL DETOUR SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
 - * SEE ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9, FOR WORK ZONE SIGN DISTANCES.

APPROVED: *RS Deca*
DATE: 03/19/2021

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



OFF-SITE DETOUR

1/29/2021
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