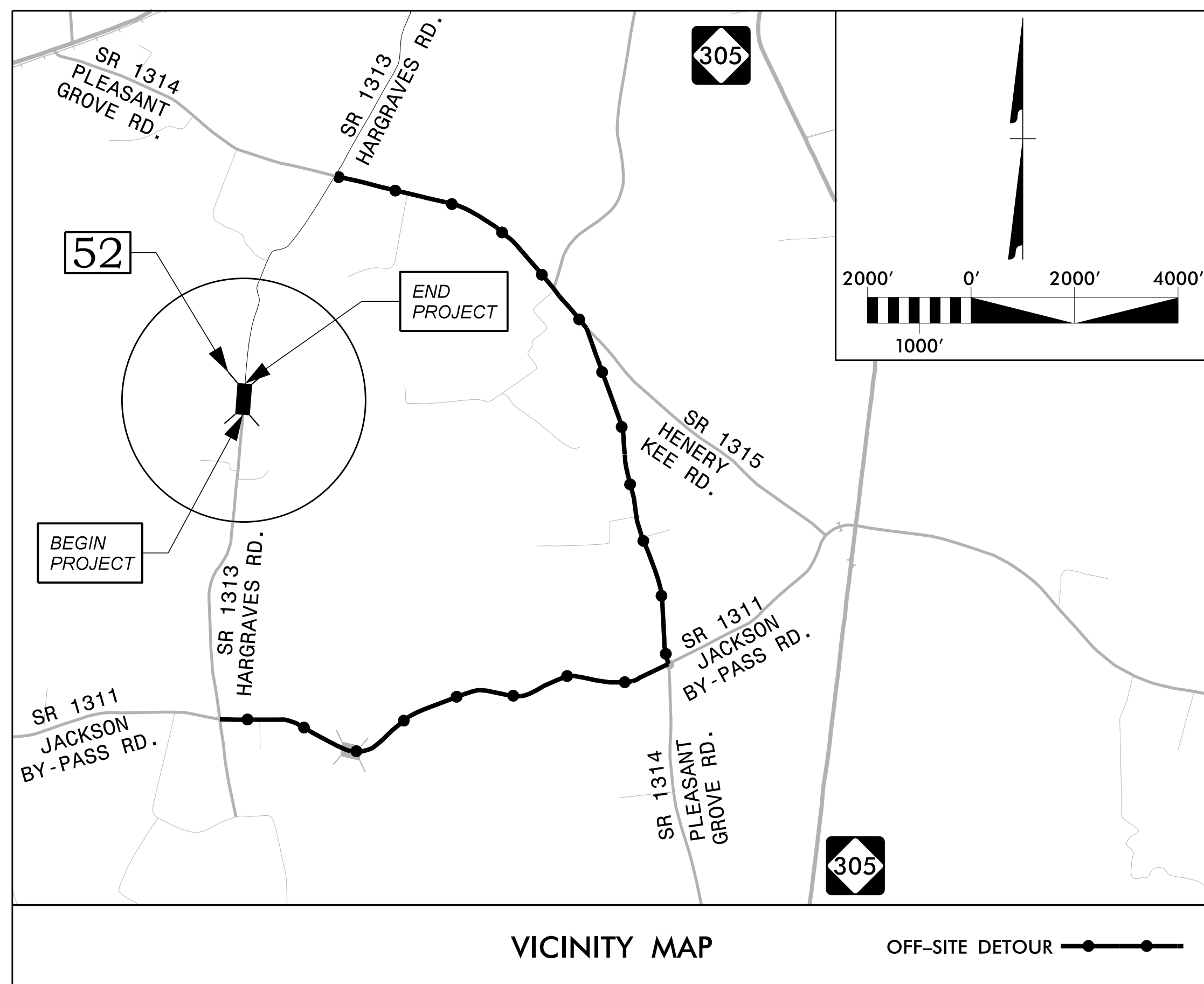
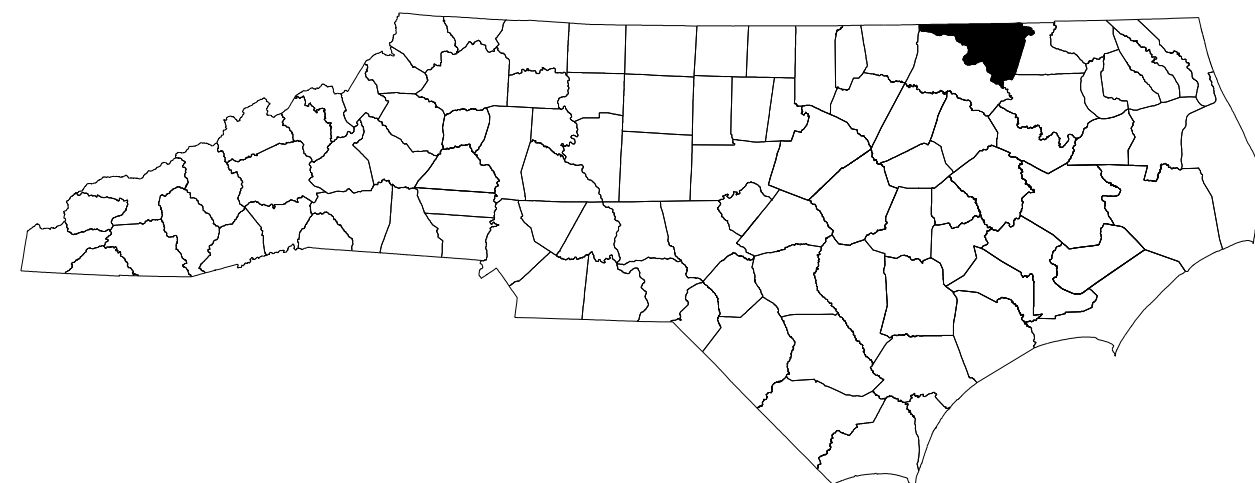


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**TRANSPORTATION MANAGEMENT PLAN**

**NORTHAMPTON COUNTY**

LOCATION: BRIDGE No. 650052 OVER GUMBERRY SWAMP ON SR 1313 (HARGRAVES RD.)



**INDEX OF SHEETS**

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, INDEX OF SHEETS, AND ROADWAY STANDARD DRAWINGS
TMP-1A	LEGEND, GENERAL NOTES, AND PHASING NOTES
TMP-2	OFFSITE DETOUR
TMP-3	SIGN DESIGN

**ROADWAY STANDARD DRAWINGS**

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - 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:

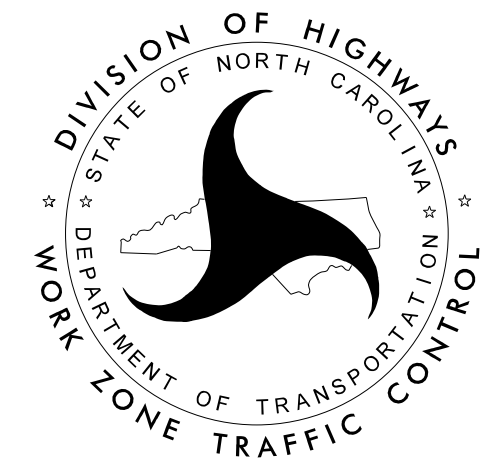
STD. NO.	TITLE
1101.01	WORK ZONE WARNING SIGNS
1101.03	TEMPORARY ROAD CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1145.01	BARRICADES
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - (PERMANENT AND TEMPORARY)
1261.01	GUARDRAIL AND BARRIER DELINEATORS INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_  
SEAL

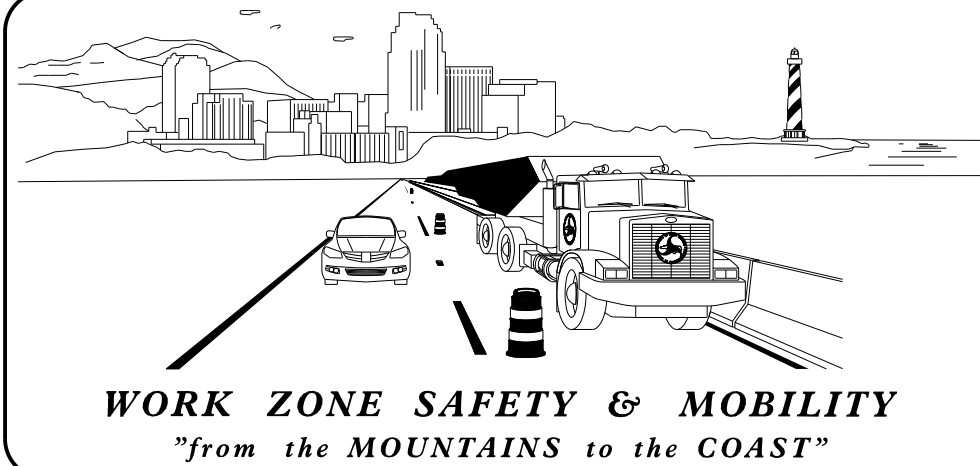
2/24/2020

DocuSigned by:  
Jacob H. Duke  
SC053ADC8206400



PLANS PREPARED BY:  
JACOB H. DUKE, P.E.  
WORK ZONE TRAFFIC CONTROL ENGINEER

NCDOT CONTACTS:  
Steve Kite, P.E.  
PROJECT ENGINEER  
Spencer B. Jennings  
PROJECT DESIGN ENGINEER



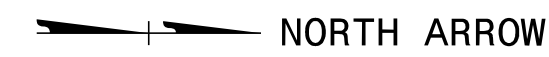
2/14/2020  
BR-0117-TC-TMP-TITLE-SHEET.dgn  
User: jidebone

**TIP PROJECT: BR-0117**

SHEET NO.  
TMP-1

## LEGEND

### GENERAL



NORTH ARROW

### TRAFFIC CONTROL DEVICES



BARRICADE (TYPE III)



STATIONARY SIGN

### TEMPORARY SIGNING



STATIONARY 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 UNDESIRABLE 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) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

C) 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.

D) 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.

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

#### TRAFFIC CONTROL DEVICES

F) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

#### PAVEMENT MARKINGS AND MARKERS

G) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

<u>ROAD NAME</u>	<u>MARKING</u>	<u>MARKER</u>
(SR 1313) HARGRAVES RD	PAINT	NONE

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

#### ADDITIONAL NOTES

I) MAINTAIN TRAFFIC TO ALL RESIDENTS AS WELL AS FOR FARMS AND ACTIVE FIELDS THAT ARE LOCATED NEAR BOTH ENDS OF THE BRIDGE DURING LIFE OF PROJECT AND ALL PHASES OF CONSTRUCTION.

J) CONTACT NORTHAMPTON COUNTY EMERGENCY SERVICES AT (252) 534-6811 AT LEAST ONE MONTH PRIOR TO THE BEGINNING OF CONSTRUCTION.

K) CONTACT NORTHAMPTON COUNTY SCHOOL SYSTEM AT (252) 534-1371 AT LEAST ONE MONTH PRIOR TO THE BEGINNING OF CONSTRUCTION.

## PHASING NOTES

### PHASE I

#### STEP 1

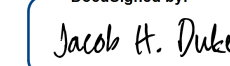
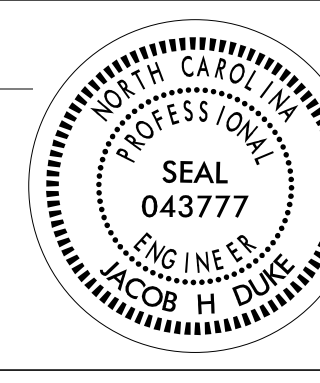
PRIOR TO ANY CONSTRUCTION OPERATIONS, PLACE AND COVER OFF-SITE DETOUR SIGNS FOR HARGRAVES RD (SR 1313), JACKSON BY-PASS RD (SR 1311), PLEASANT GROVE RD (SR 1314), AS SHOWN ON TMP-2, AND IN ACCORDANCE WITH RSD 1101.03 (SHEETS 1 OF 9).

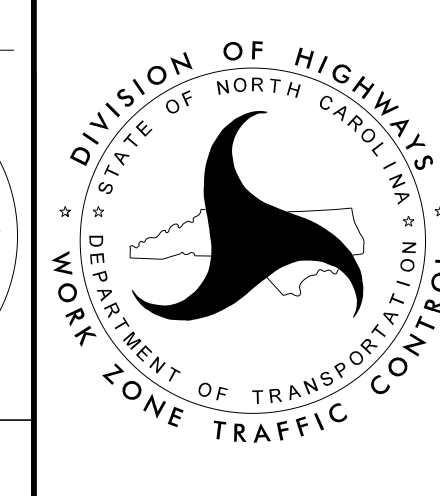
#### STEP 2

USING OFF-SITE DETOUR, AS SHOWN ON TMP-2, UNCOVER DETOUR SIGNS, CLOSE -L- (SR 1313 / HARGRAVES RD) TO TRAFFIC AND CONSTRUCT PROPOSED BRIDGE AND ROADWAY UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE PER ROADWAY AND BRIDGE PLANS.

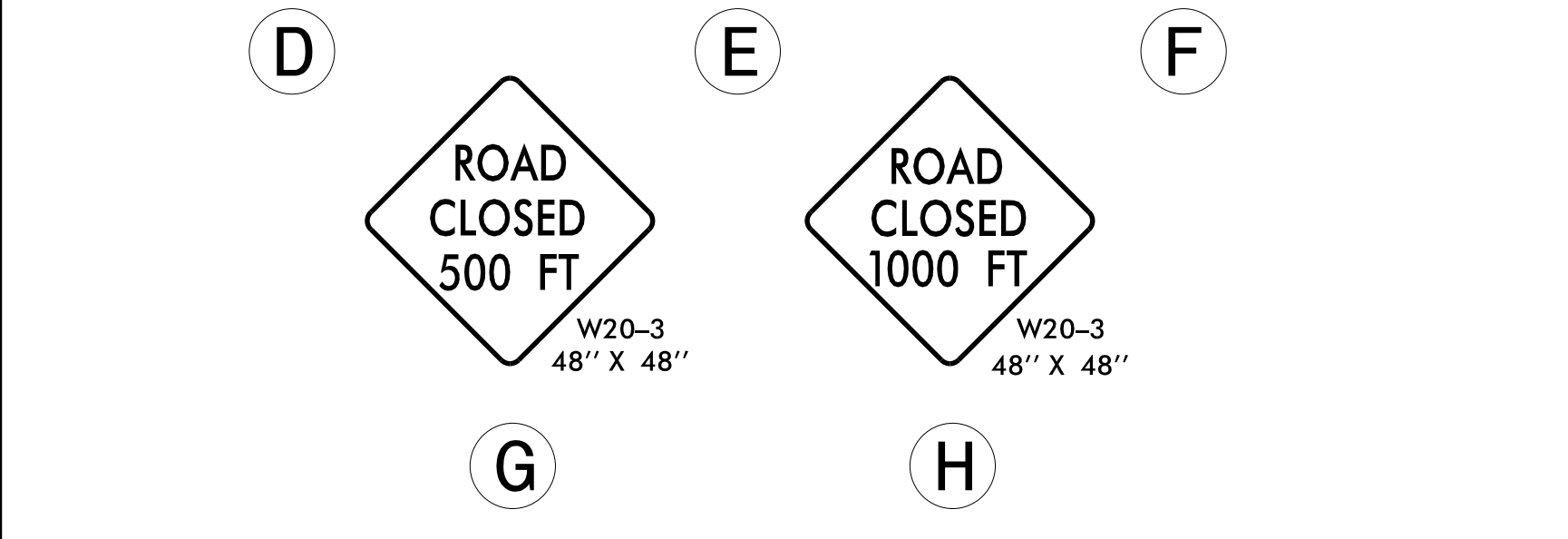
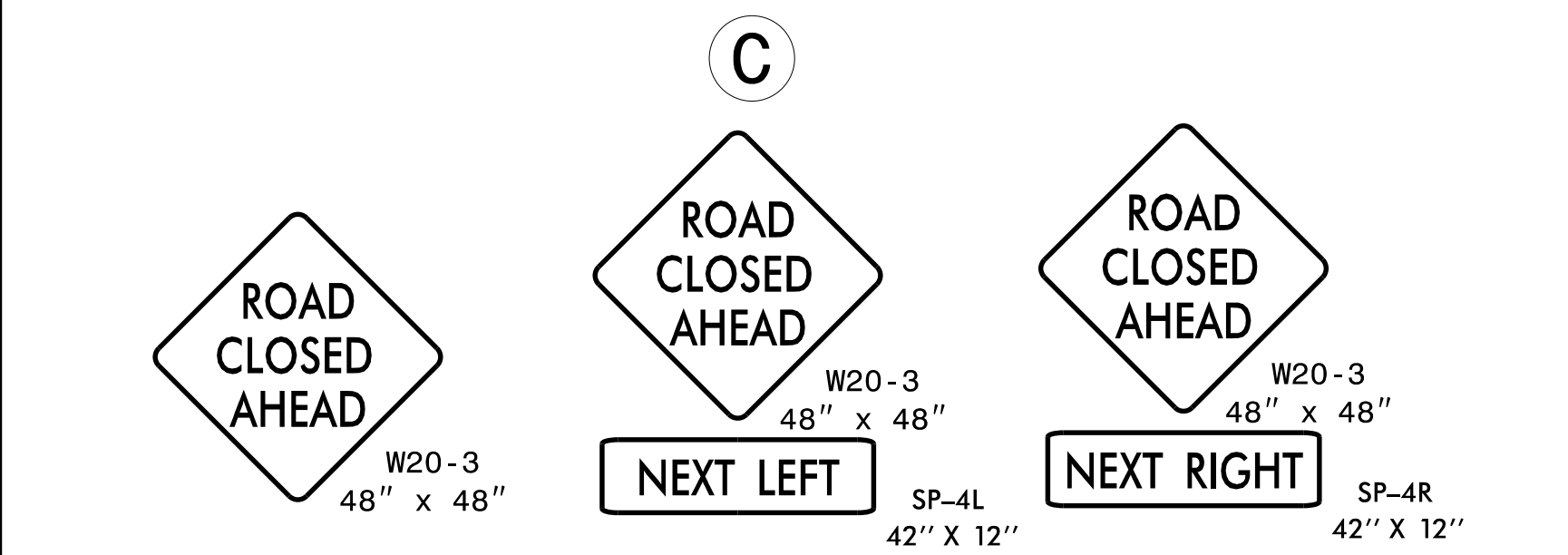
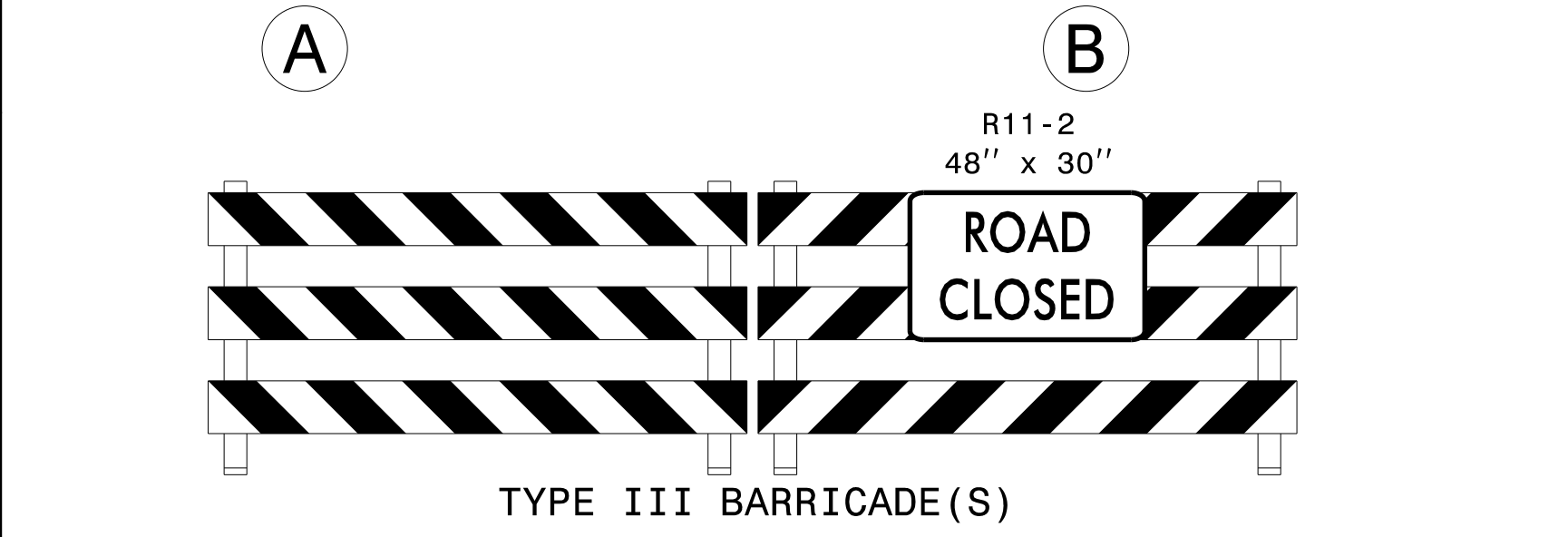
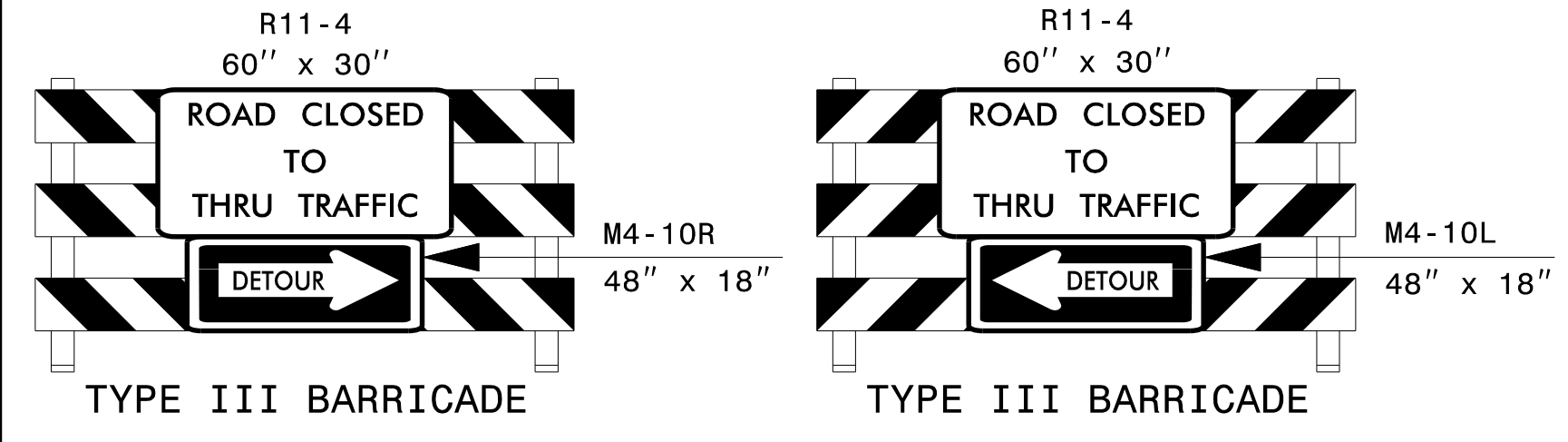
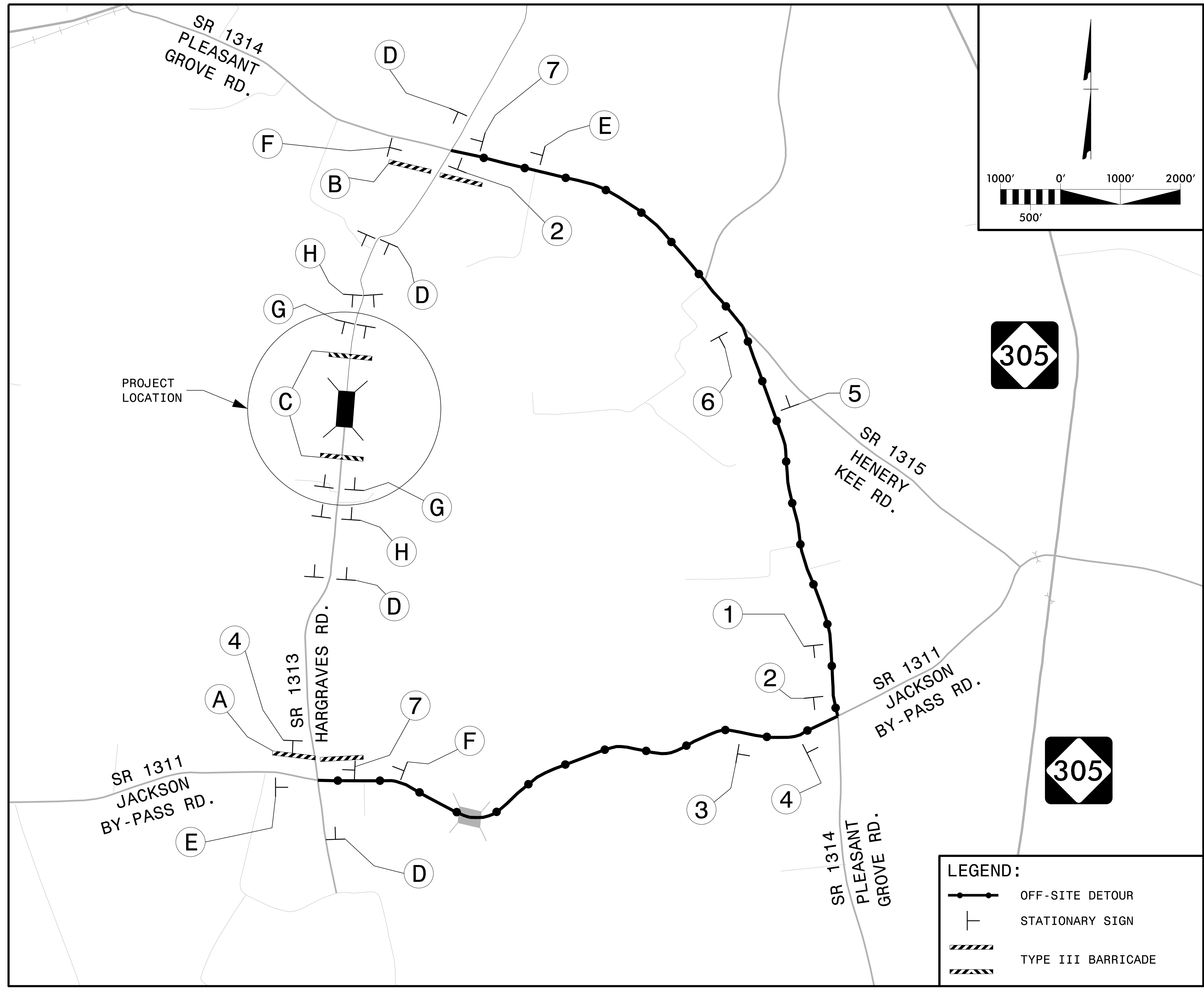
#### STEP 3

UPON COMPLETION OF BRIDGE AND ROADWAY CONSTRUCTION, PLACE FINAL PAVEMENT MARKINGS AND MARKERS IN ACCORDANCE WITH RSD 1205.01, 1205.02, 1205.12, 1250.01, 1251.01, AND PAVEMENT MARKING PLANS. REMOVE ALL SIGNS AND DEVICES, AND OPEN -L- (SR 1313 / HARGRAVES RD) TO TRAFFIC.

APPROVED: \_\_\_\_\_  
 DATE: 2/24/2020  
 DocuSigned by:  
  
  
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**LEGEND, GENERAL NOTES,  
AND PHASING NOTES**



**LEGEND:**

- OFF-SITE DETOUR
- ⊥ STATIONARY SIGN
- ▨ TYPE III BARRICADE

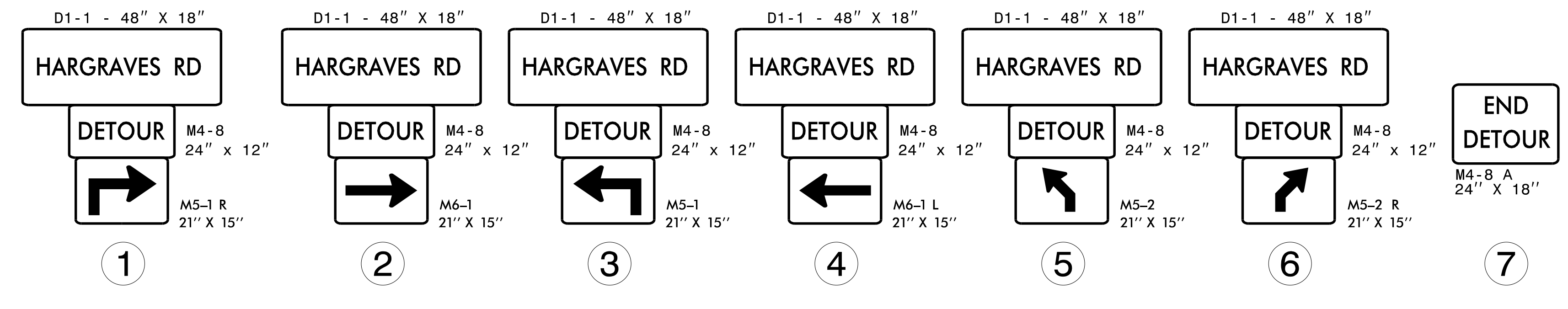
**DETOUR DESCRIPTION:**

**NORTHBOUND:**  
 JACKSON BY-PASS ROAD (SR 1311) TO PLEASANT GROVE ROAD (SR 1314)

**SOUTHBOUND:**  
 PLEASANT GROVE ROAD (SR 1314) TO JACKSON BY-PASS ROAD (SR 1311)

**NOTES:**

TRAFFIC CONTROL DEVICES ① THRU ⑦ AND ① A THRU ① H SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.



APPROVED: _____ DATE: 2/24/2020 DocuSigned by: Jacob H. Duke 9CDS3ADC680400			OFFSITE DETOUR
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

2/14/2020 BR-0117-TC-TMP-OFFSITE-DETOUR.dgn User: jidebone

<b>SIGN NUMBER:</b> 1 <b>TYPE:</b> STATIONARY <b>QUANTITY:</b> 12 <b>SIGN WIDTH:</b> 4'-0" <b>HEIGHT:</b> 1'-6" <b>TOTAL AREA:</b> 6 Sq.Ft. <b>BORDER TYPE:</b> INSET <b>RECESS:</b> 0.47" <b>WIDTH:</b> 0.63" <b>RADII:</b> 1.50" <b>NO. Z BARS:</b> <b>LENGTH:</b>	<b>BACKG COLOR:</b> Fluorescent Orange <b>COPY COLOR:</b> 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> <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> <b>MAT'L:</b> 0.080" (2.0 mm) ALUMINUM	SYMBOL	X	Y	WID	HT																																																								<b>DESIGN BY:</b> A. MCSWAIN <b>PROJECT ID:</b> BR-0117 <b>CHECKED BY:</b> J. DUKE <b>LOCATION:</b> NORTHAMPTON COUNTY <b>DATE:</b> 11/15/2019 <b>DIV:</b> 1
SYMBOL	X	Y	WID	HT																																																										

**USE NOTES: 1,2**

- Legend and border shall be direct applied non-reflective sheeting.
- Background shall be NC Grade B fluorescent orange retroreflective sheeting.

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

Letter Spacings													Series/Size		
H	A	R	G	R	A	V	E	S	R	D				Text Length	
6.9	9.7	12.8	15.7	18.7	21.3	24.1	27.2	29.7	31.9	35.9	38.8				C 2000 34.2

FILENAME: Guidesign\_Design NORTH CAROLINA D.O.T. SIGN DETAIL

2/14/2020  
 BR-0117\_TC\_TMP\_Sign\_Design.dgn  
 User: jdebbono

APPROVED: _____  DATE: _____  2/24/2020  DocuSigned by:  30253AD0C6829400			SIGN DESIGN
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			