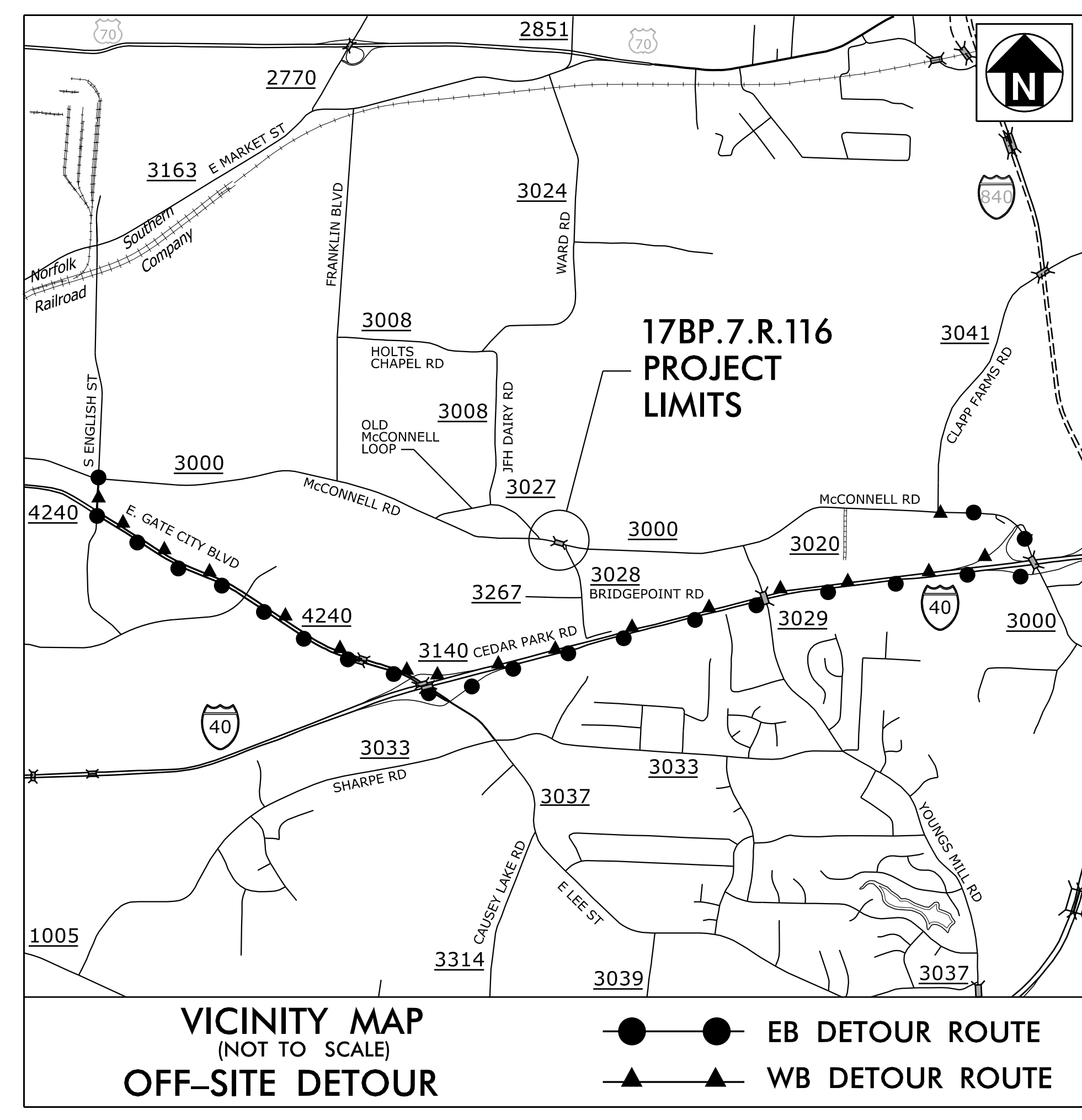
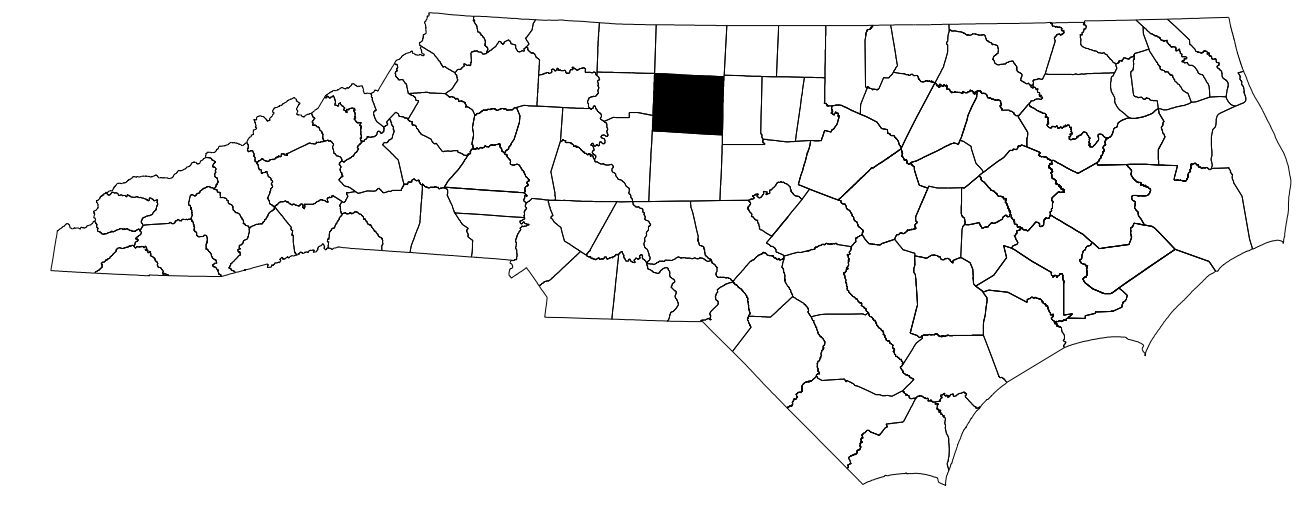


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

GUILFORD COUNTY



INDEX OF SHEETS

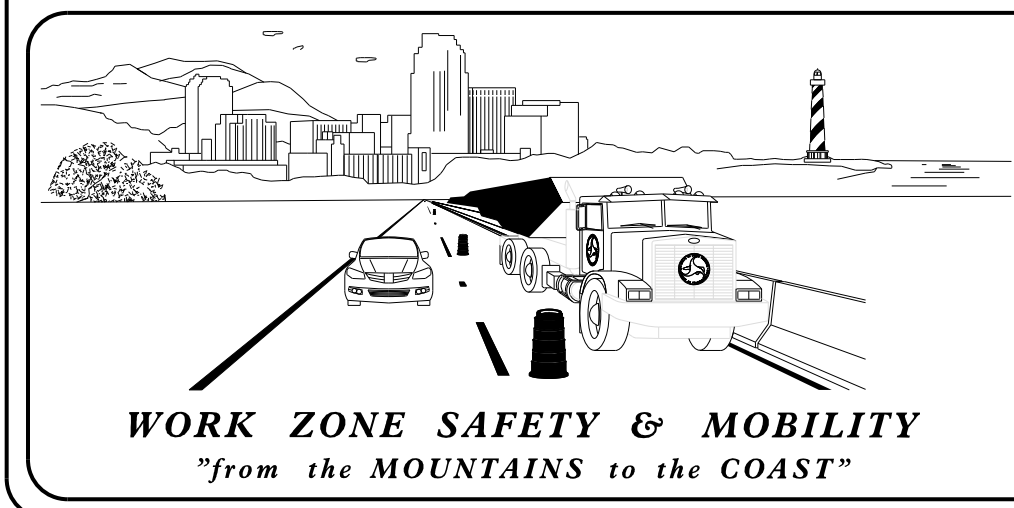
SHEET NO.	TITLE
TMP-1	TITLE SHEET AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND AND PAVEMENT MARKING SCHEDULE
TMP-1B	GENERAL NOTES AND PHASING
TMP-2A THRU TMP-2B	ROAD CLOSURE SIGNING
TMP-3	SPECIAL SIGN DESIGN
TMP-4	SPECIAL SIGN DESIGN

SHEET NO.
TMP-1

17BP.7.R.116

PROJECT:

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PREPARED IN THE OFFICE OF MOTT MACDONALD
FOR NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

TIM JORDAN, PE *TRAFFIC CONTROL PROJECT ENGINEER*

PADDY JORDAN *TRAFFIC CONTROL DESIGN TECHNICIAN*

M M
MOTT MACDONALD
930 Main Campus Drive, Suite 200
Raleigh, NC 27606
www.mottmac.com
LICENSE NO. F-0669

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

APPROVED: *James Timothy Jordan*
DATE: 11-Feb-2025

SEAL

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 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1180.01	SKINNY - DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.12	PAVEMENT MARKINGS - BRIDGES
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

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
- PAVEMENT OVERLAY
- 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

FINAL PAVEMENT MARKING SCHEDULE

DESCRIPTION	QUANTITY
THERMOPLASTIC WHITE EDGELINE (4")	2,074 LF
THERMOPLASTIC 2 FT.-6 FT./SP WHITE MINISKIP (4")	56 LF
THERMOPLASTIC YELLOW SINGLE CENTER (4")	68 LF
THERMOPLASTIC 10 FT. YELLOW SKIP (4")	17 LF
THERMOPLASTIC YELLOW DOUBLE CENTER (4")	1,994 LF

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APPROVED: DATE: 11-Feb-2025 	M M MOTT MACDONALD 930 Main Campus Drive, Suite 200 Raleigh, NC 27606 www.mottmac.com LICENSE NO. F-0669	ROADWAY STANDARD DRAWINGS, LEGEND AND PAVEMENT MARKING SCHEDULE
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

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) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSING THE ROAD ACCORDING.

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 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) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- G) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

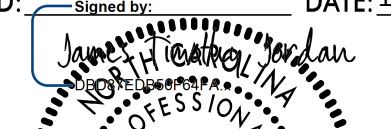
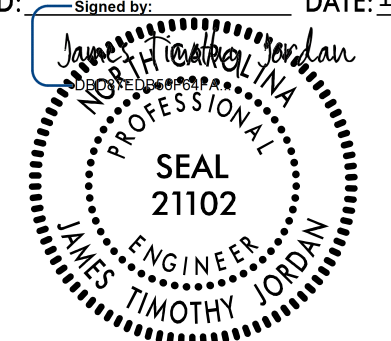
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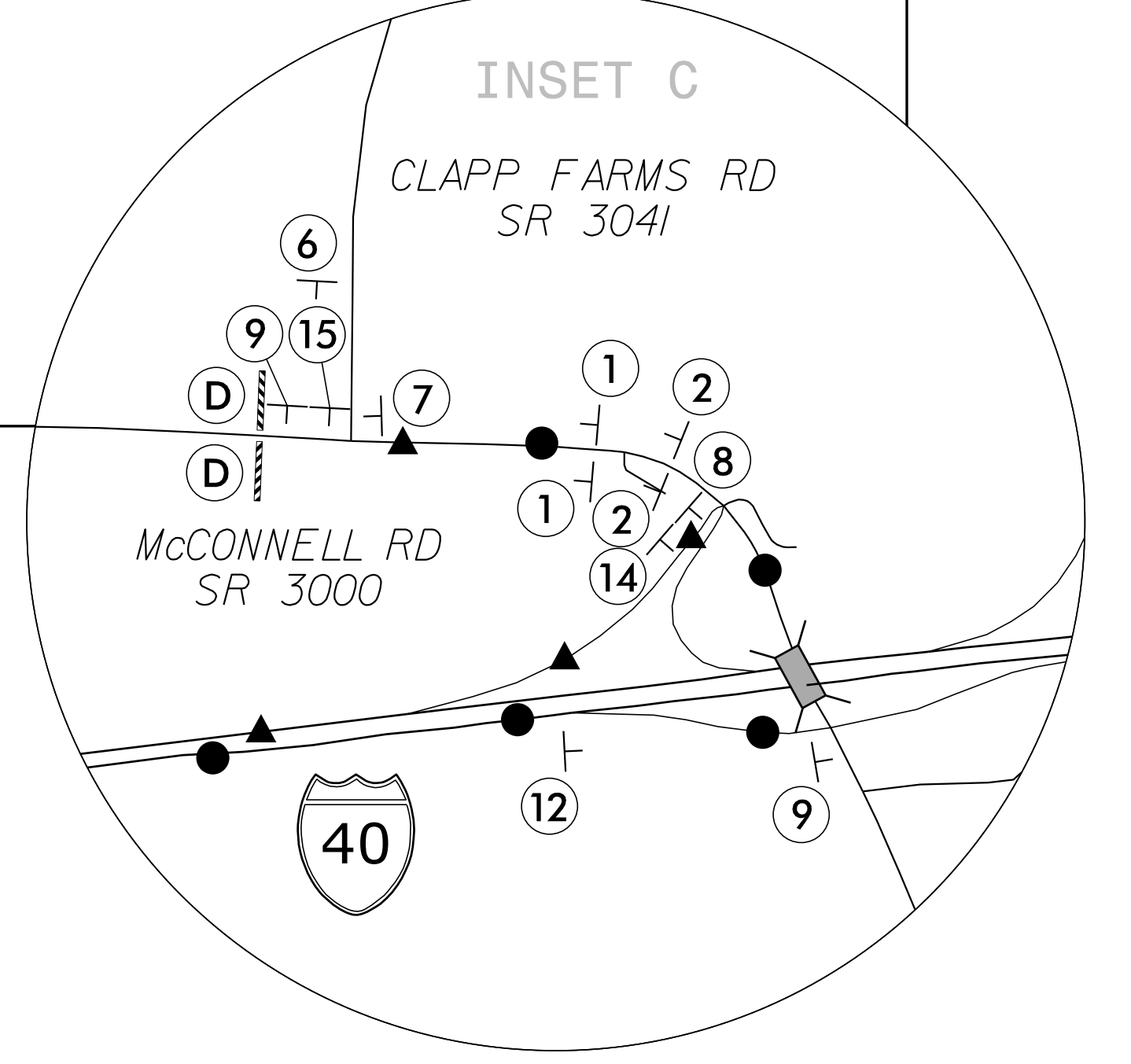
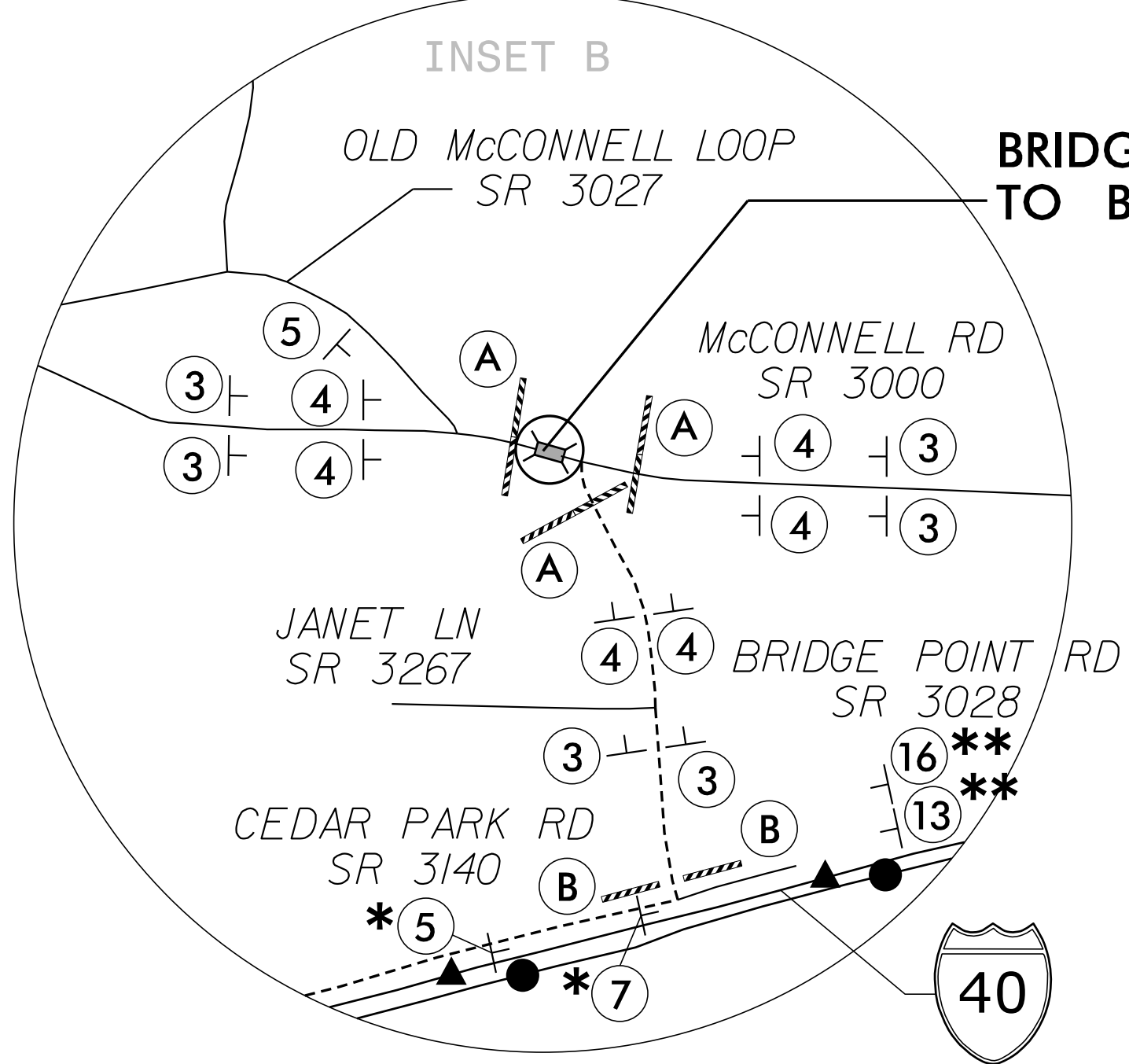
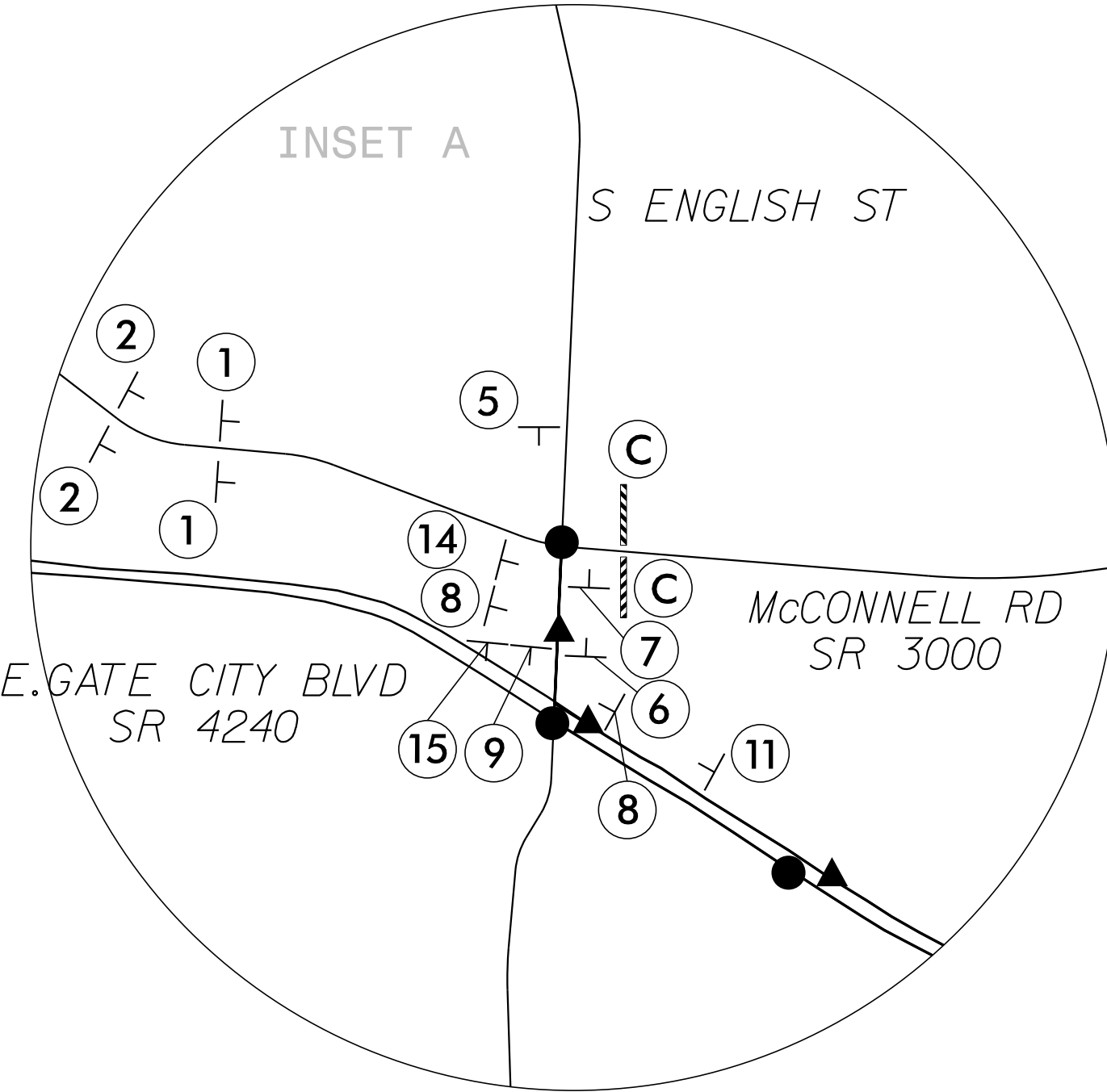
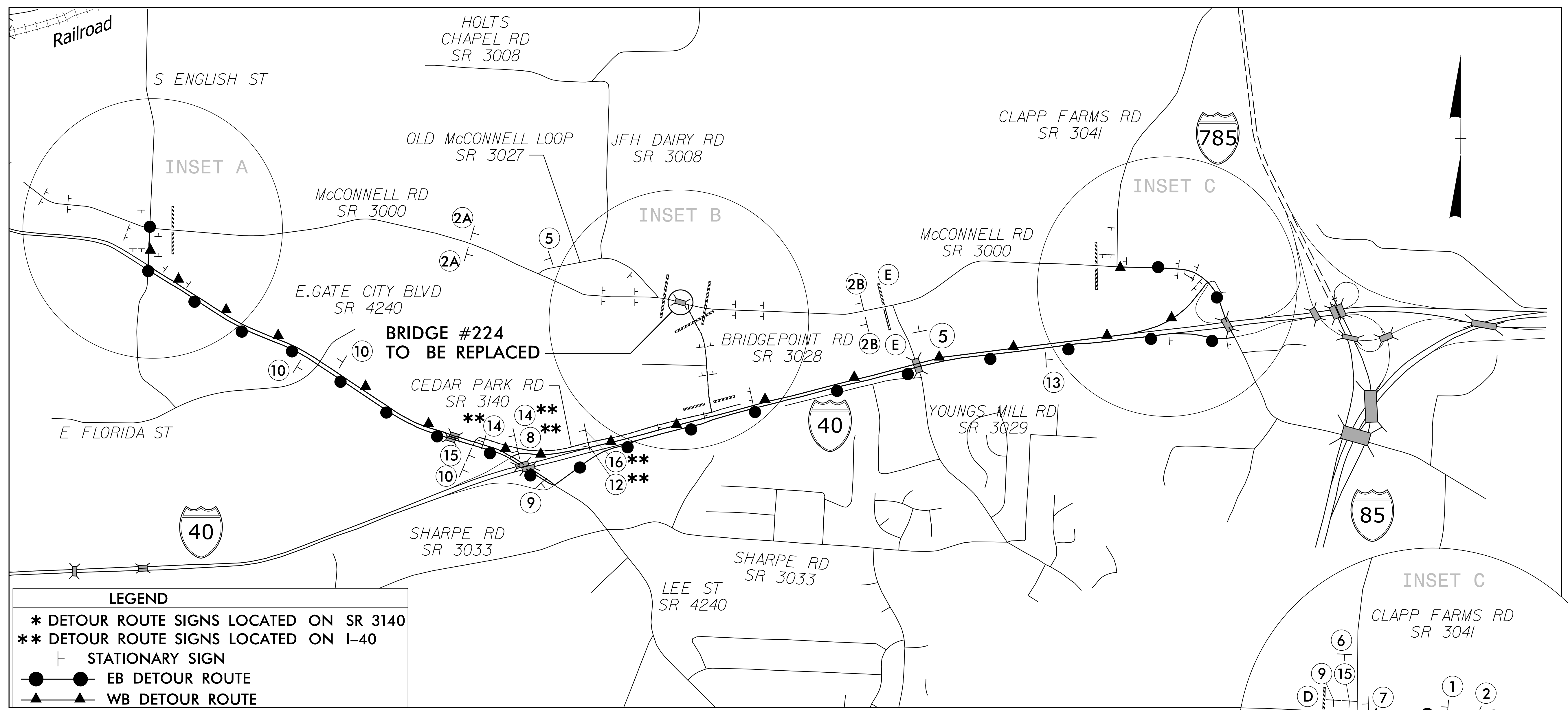
- STEP 1: USING ROADWAY STANDARD DRAWING NUMBER 1101.03, SHEET 1 OF 9 AND SHEETS TMP-2A AND TMP-2B, PERFORM THE FOLLOWING:
 - INSTALL ALL ROAD CLOSURE AND DETOUR SIGNING INCLUDING BARRICADES
 - CLOSE SR 3000 (McCONNELL ROAD) AND SR 3028 (BRIDGEPOINT ROAD)
 - PLACE TRAFFIC ONTO OFF- SITE DETOUR
- STEP 2: REMOVE EXISTING BRIDGE #224 AND CONSTRUCT THE PROPOSED BRIDGE AND ALL PROPOSED ROADWAYS (-L- & -Y-) AS SHOWN IN THE CONSTRUCTION PLANS.
- STEP 3: INSTALL FINAL PAVEMENT MARKINGS PER THE ROADWAY STANDARD DRAWINGS.
- STEP 4: REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNING AND DEVICES AND RE-OPEN SR 3000 (McCONNELL ROAD) AND SR 3028 (BRIDGEPOINT ROAD) TO THE FINAL TRAFFIC PATTERN.

LOCAL NOTES

GUILFORD COUNTY SCHOOL TRANSPORTATION WILL BE CONTACTED AT (336) 370-8920 AND GUILFORD COUNTY EMS WILL BE CONTACTED AT (336) 641-7565 AT LEAST ONE-MONTH PRIOR TO BRIDGE CLOSURE TO MAKE NECESSARY TEMPORARY REASSIGNMENTS.

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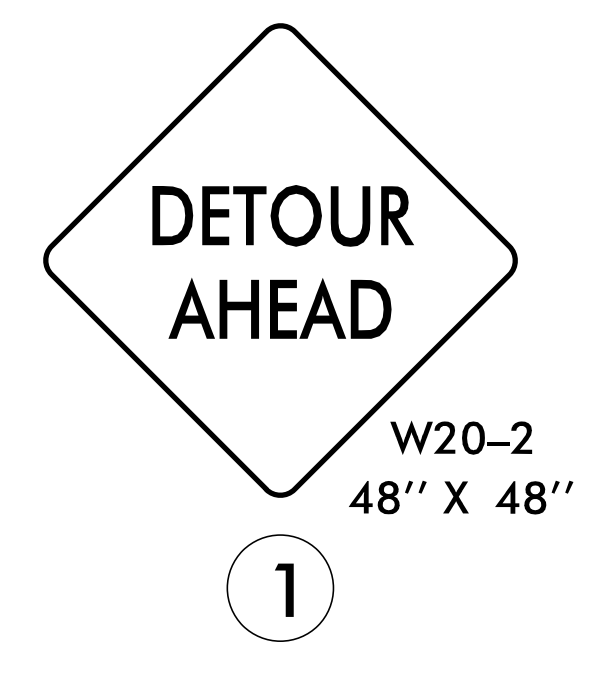
APPROVED:  DATE: 11-Feb-2025 SEAL 	M M MOTT MACDONALD 930 Main Campus Drive, Suite 200 Raleigh, NC 27606 www.mottmac.com LICENSE NO. F-0669	GENERAL NOTES AND PHASING
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



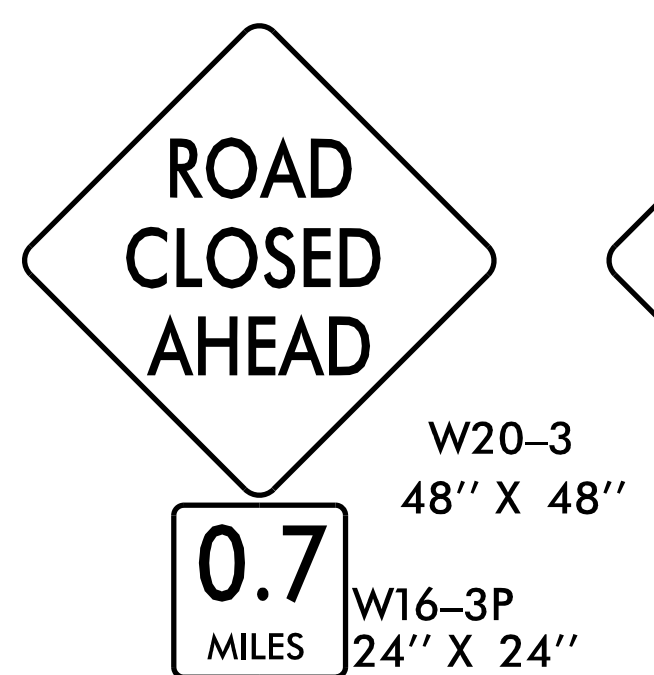
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APPROVED: SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	DATE: 11-Feb-2025 Signed by: M M MOTT MACDONALD 930 Main Campus Drive, Suite 200 Raleigh, NC 27606 www.mottmac.com LICENSE NO. F-0669	ROAD CLOSURE SIGNING
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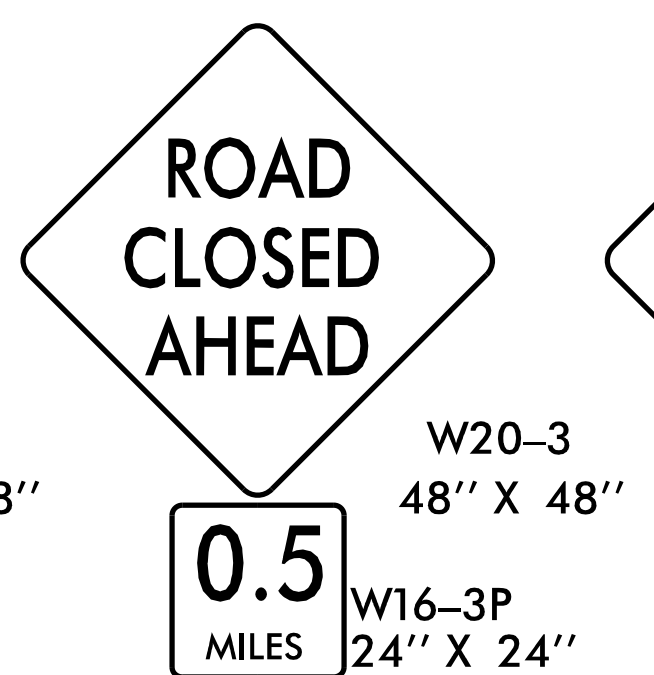
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 ** SEE SHEET TMP-4 FOR SPECIAL SIGN DESIGNS



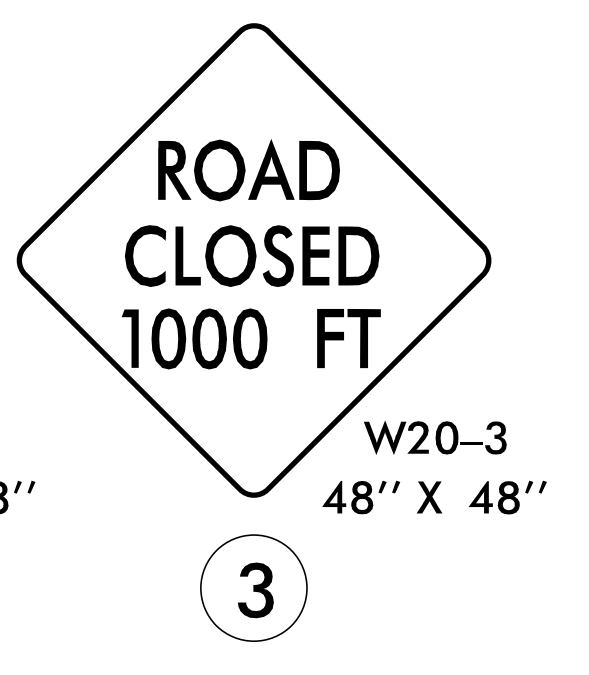
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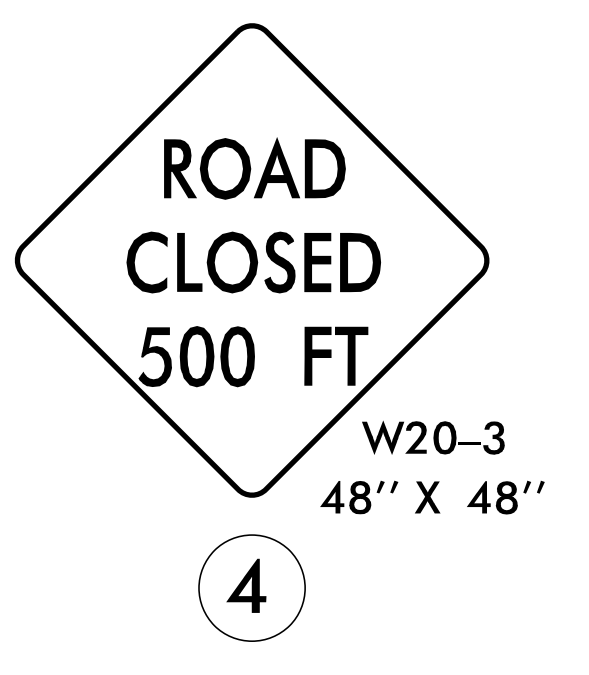
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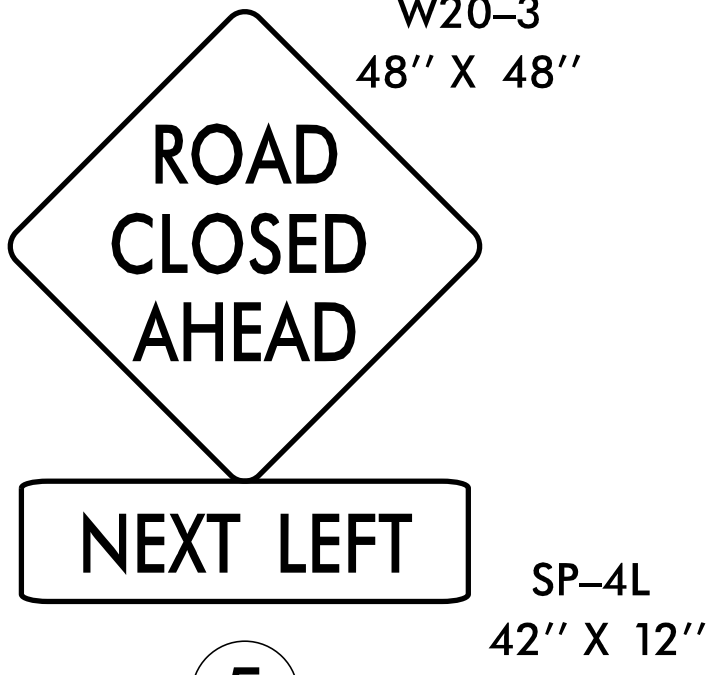
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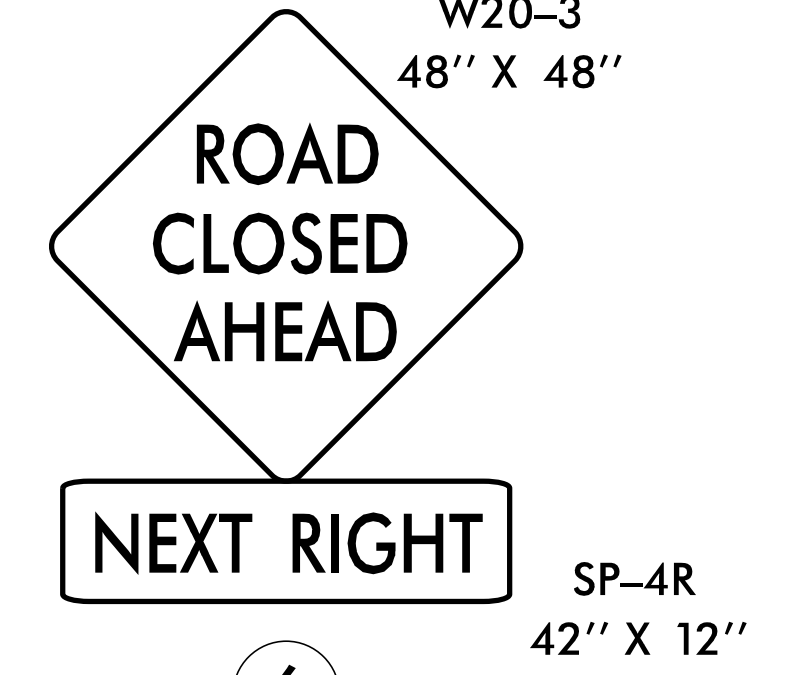
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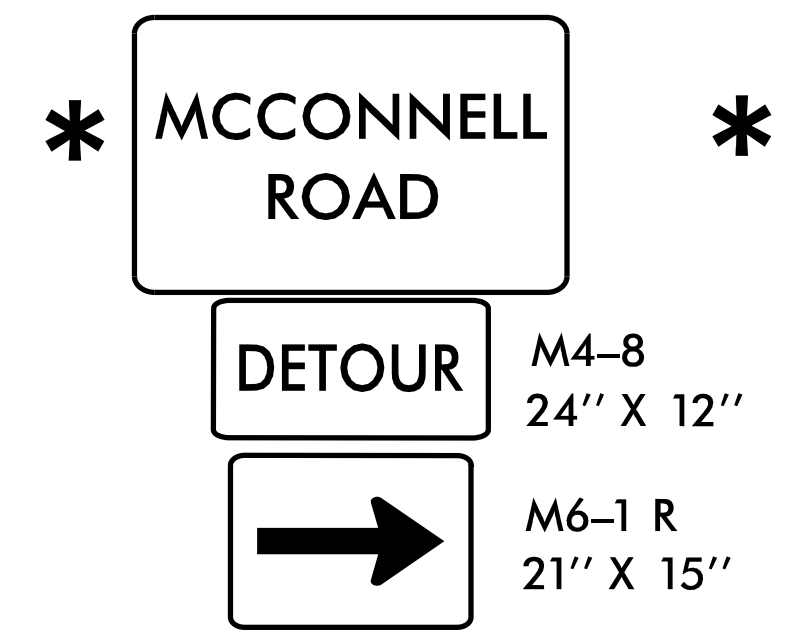
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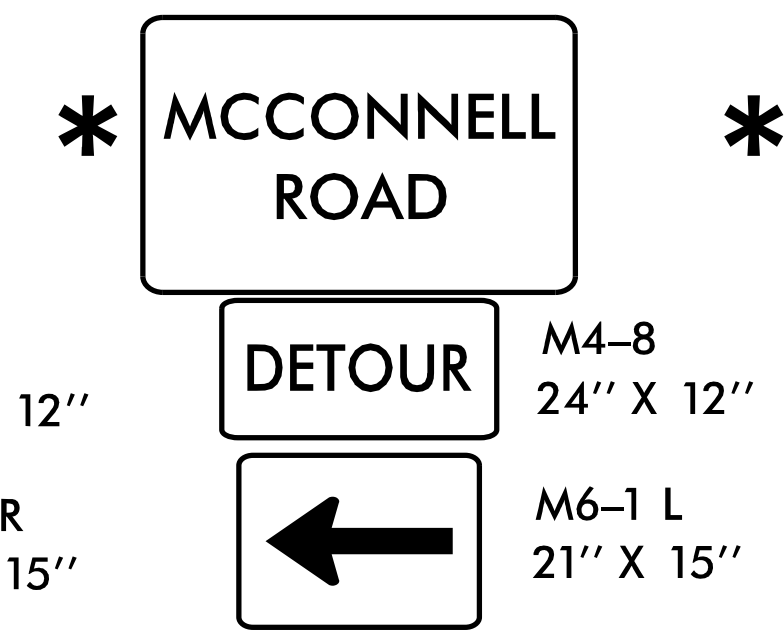
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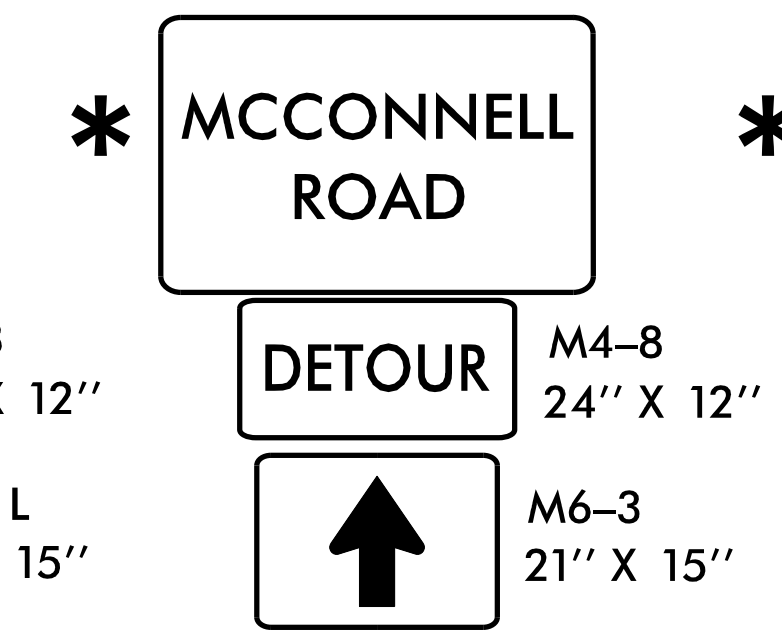
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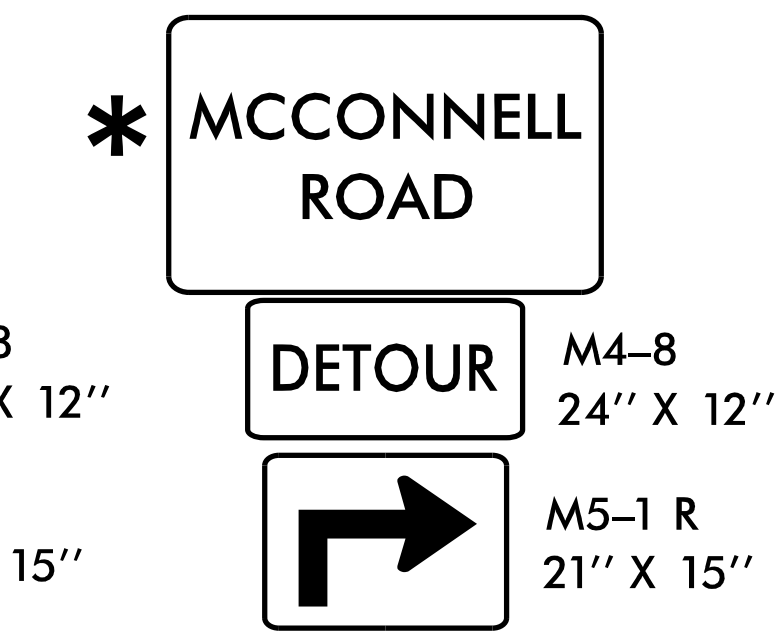
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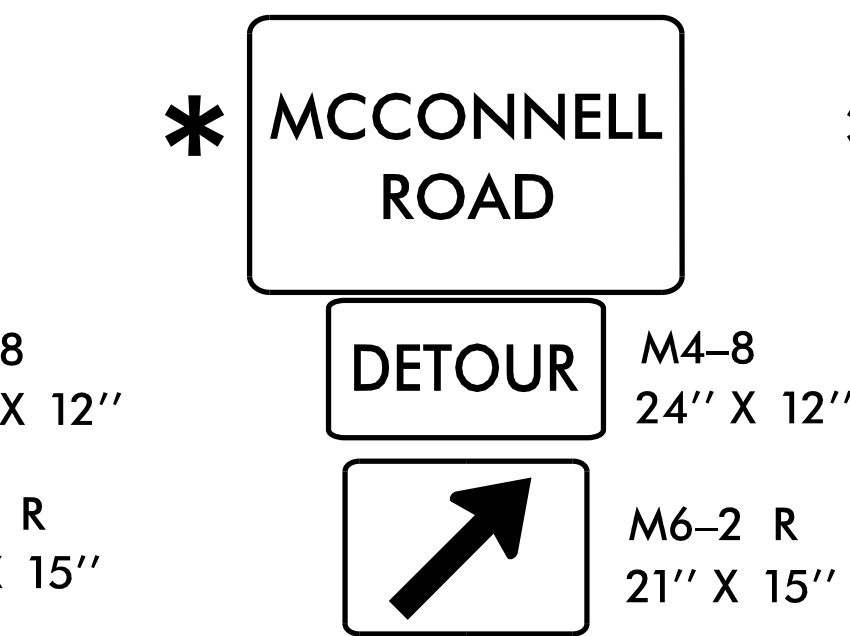
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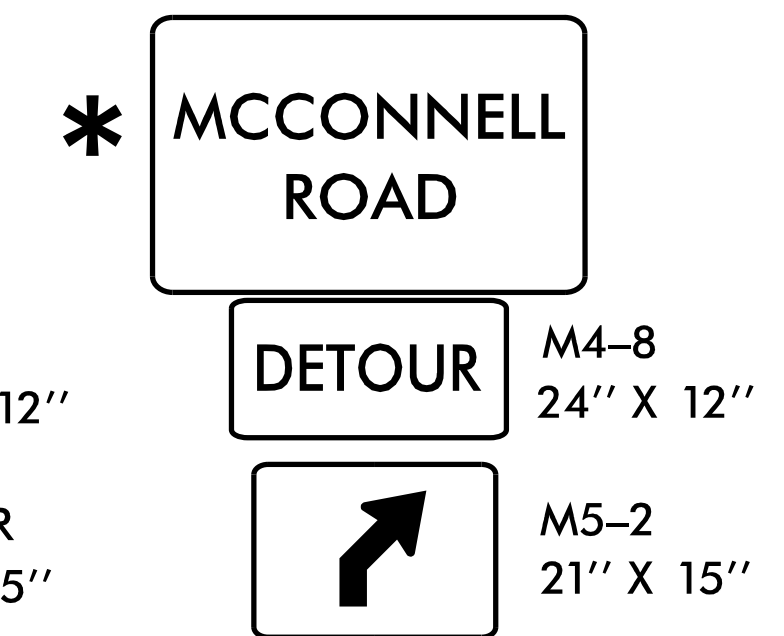
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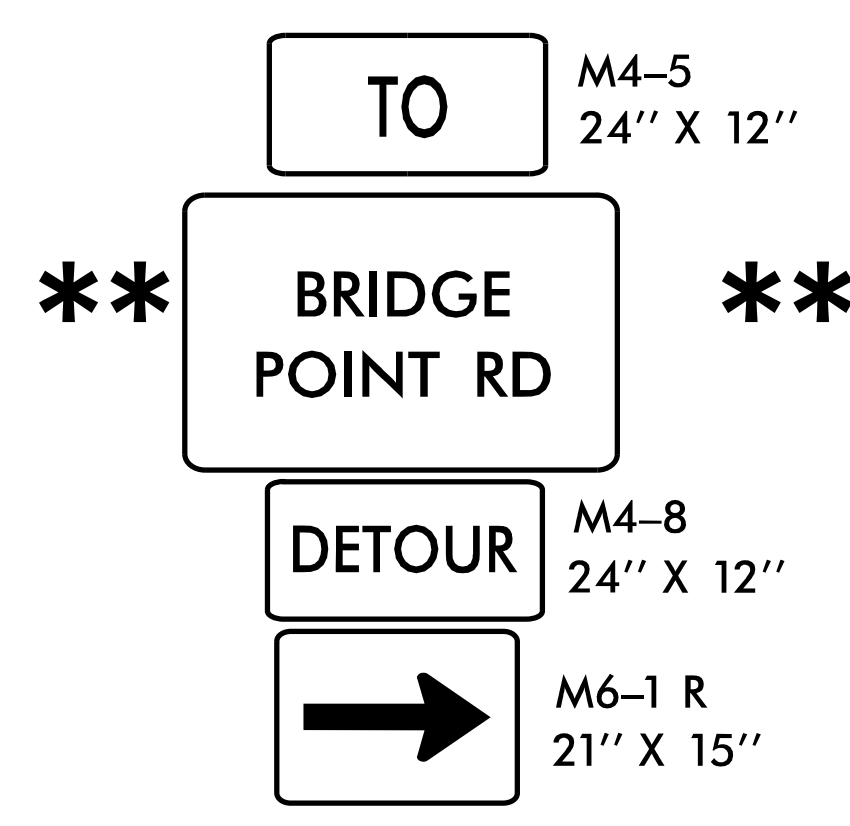
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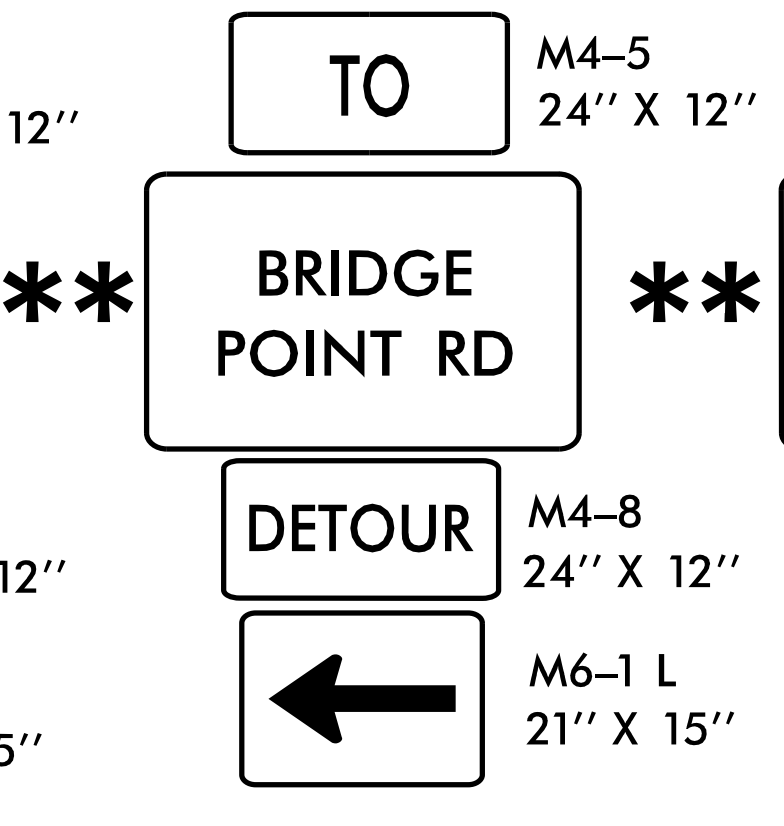
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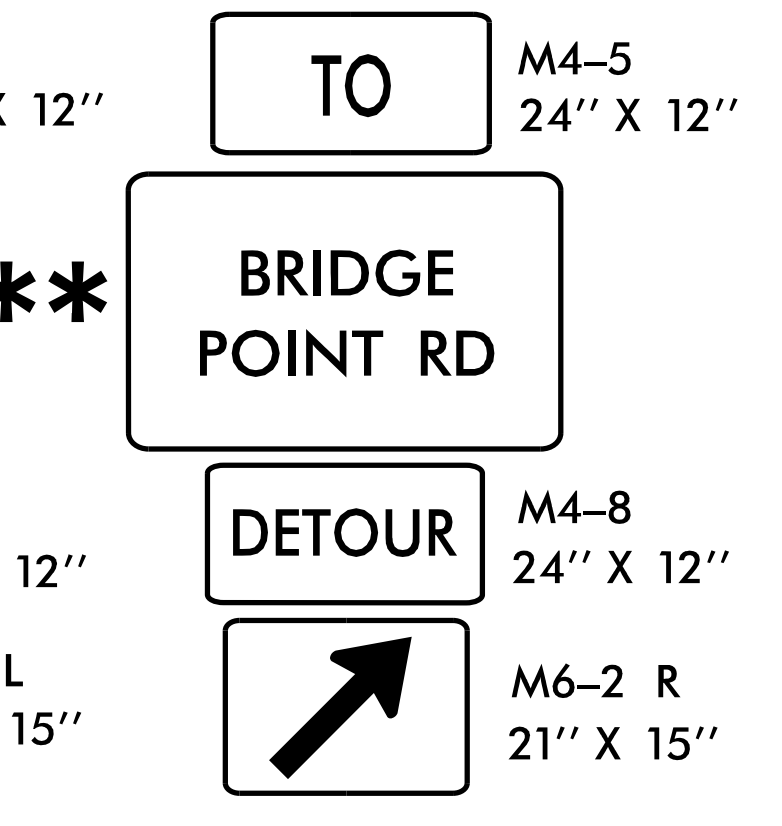
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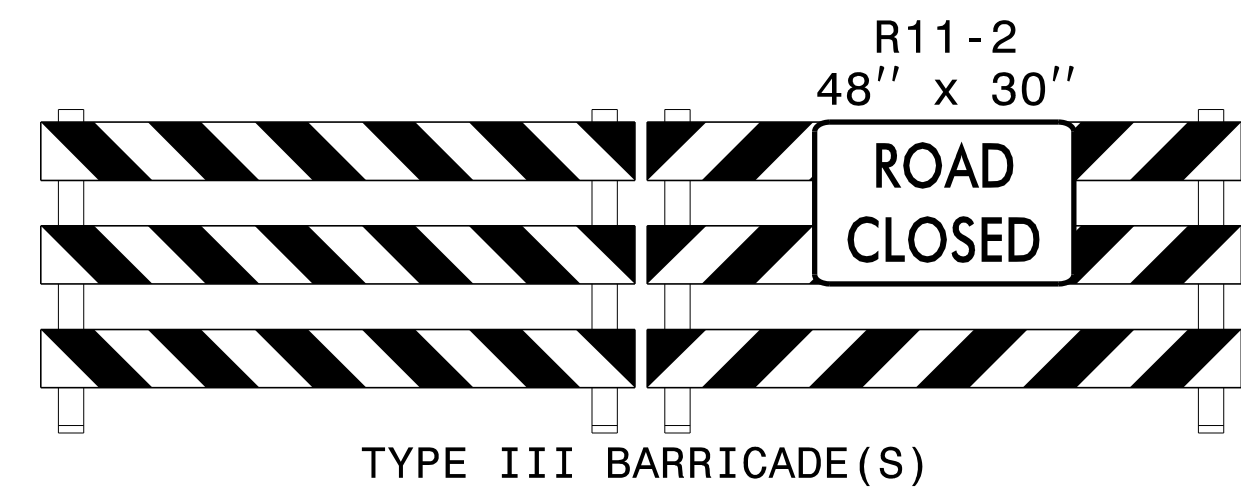
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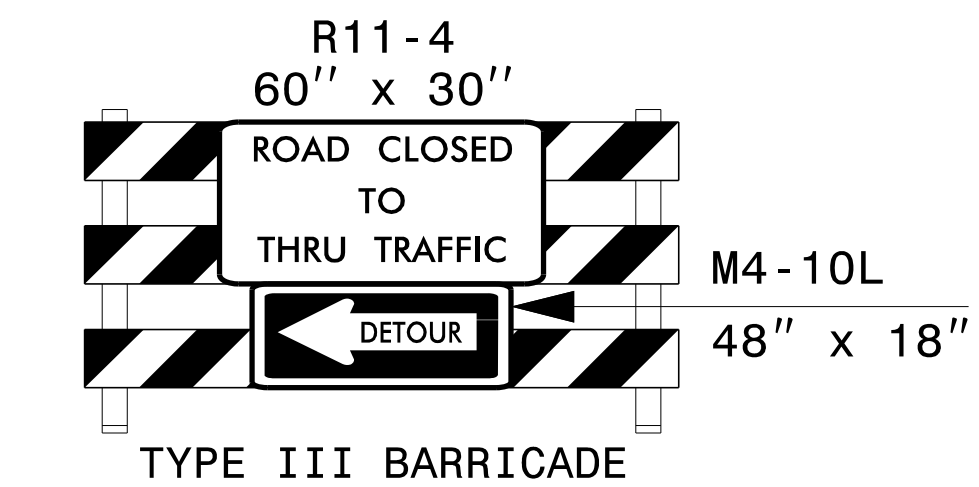
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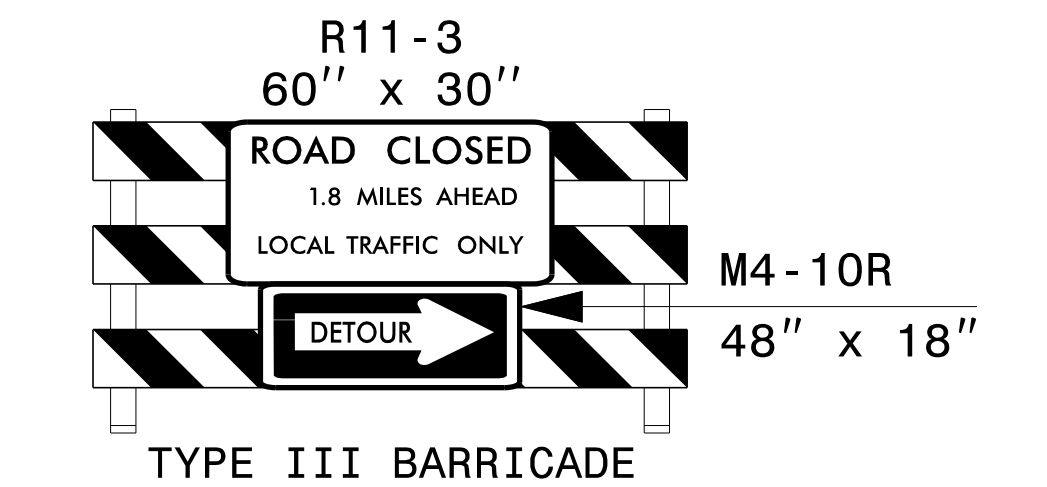
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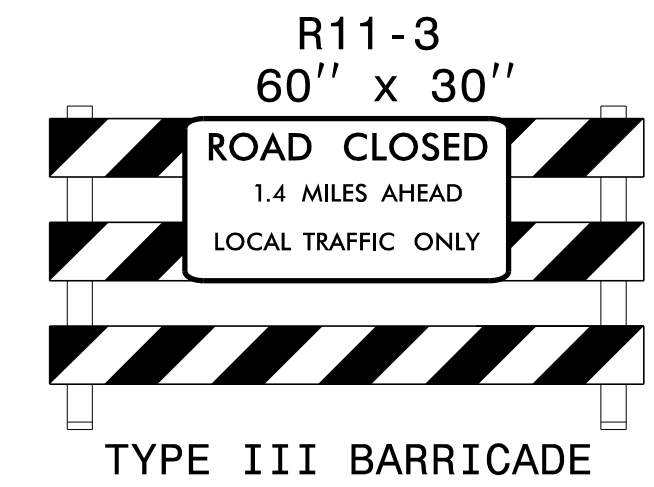
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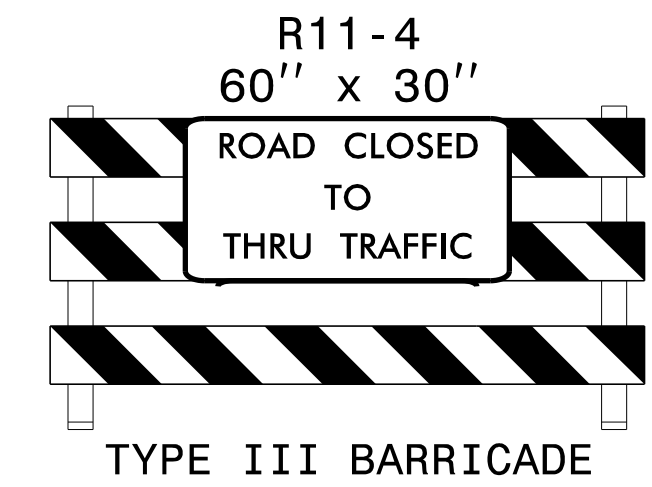
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D



E

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APPROVED: SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	DATE: 11-Feb-2025 M M MOTT MACDONALD 930 Main Campus Drive, Suite 200 Raleigh, NC 27606 www.mottmac.com LICENSE NO. F-0669	ROAD CLOSURE SIGNING
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<p>SIGN NUMBER: SD-1</p> <p>TYPE: D</p> <p>QUANTITY: SEE PLANS</p> <p>SIGN WIDTH: 5'-0"</p> <p>HEIGHT: 2'-6"</p> <p>TOTAL AREA: 12.5 Sq.Ft.</p> <p>BORDER TYPE: INSET</p> <p>RECESS: 0.38"</p> <p>WIDTH: 0.5"</p> <p>RADII: 1.5"</p> <p>NO. Z BARS:</p> <p>LENGTH:</p>	<p>BACKG COLOR: Fluorescent Orange</p> <p>COPY COLOR: Black</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <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> </table> <p>MAT'L: 0.080" (2.0 mm) ALUMINUM</p>	SYMBOL	X	Y	WID	HT																																														<p>DESIGN BY: PJ</p> <p>PROJECT ID: 17BP.7.R.116</p>	<p>CHECKED BY: RWT</p> <p>DIV: 7</p>	<p>DATE: Mar 13, 2018</p>
SYMBOL	X	Y	WID	HT																																																		
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<p>USE NOTES: 1,2</p> <p>1. Legend and border shall be direct applied black non-reflective sheeting.</p> <p>2. Background shall be NC GRADE B fluoresent orange retroreflective sheeting.</p>																																																						
<p>Spacing Factor is 1 unless specified otherwise</p>																																																						

LETTER POSITIONS

Letter locations are panel edge to lower left corner

	Letter locations are panel edge to lower left corner										Series/Size Text Length
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6.9	12.9	18.2	23.4	29	34.5	40.1	44.8	49.4			46.3
R	O	A	D								D 2000
20	24.9	30	36								20.1

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NORTH CAROLINA D.O.T. SIGN DETAIL

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<p>APPROVED: _____</p> <p>SEAL</p>	<p>Signed by: _____</p> <p>DATE: 23-Jan-2015</p> <p>M M MOTT MACDONALD</p> <p>930 Main Campus Drive, Suite 200 Raleigh, NC 27606 www.mottmac.com LICENSE NO. F-0669</p>	<p>SPECIAL SIGN DESIGN</p>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		

<p>SIGN NUMBER: SP-1 TYPE: STATIONARY QUANTITY: SEE PLANS</p> <p>SIGN WIDTH: 3'-6" HEIGHT: 2'-6" TOTAL AREA: 8.8 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> <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 COLEMAN PROJECT ID: 17BP.7.R.116</p> <p>CHECKED BY: PJJ LOCATION: GUILFORD COUNTY</p> <p style="text-align: right;">Jun 14, 2023 DIV: 7</p>	
SYMBOL	X	Y	WID	HT																																							

BORDER
R=1.5"
TH=0.63"
IN=0.38"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

		B	R	I	D	G	E															Series/Size Text Length
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	4.8	4.4	4.7	2.2	4.2	3.1	6	4.4	3.4	4.8												C 2000 32.3

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NORTH CAROLINA D.O.T. SIGN DETAIL

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<p>APPROVED: _____ Signed by: _____ DATE: 23-Jan-2025</p> <p>SEAL</p>	<p style="text-align: center;">M M</p> <p style="text-align: center;">MOTT MACDONALD</p> <p>930 Main Campus Drive, Suite 200 Raleigh, NC 27606 www.mottmac.com LICENSE NO. F-0669</p>	<p>SPECIAL SIGN DESIGN</p>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		