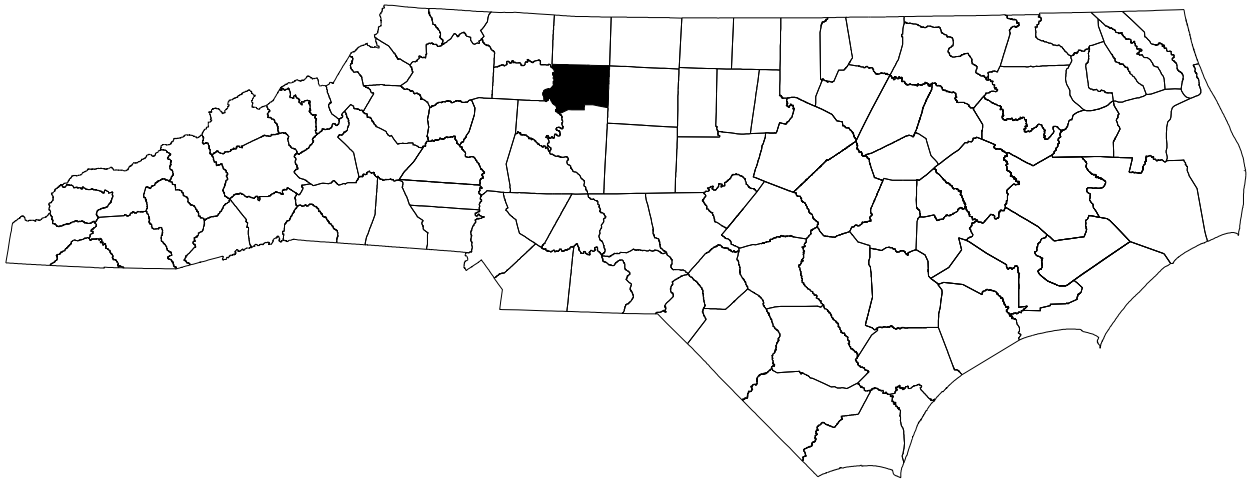


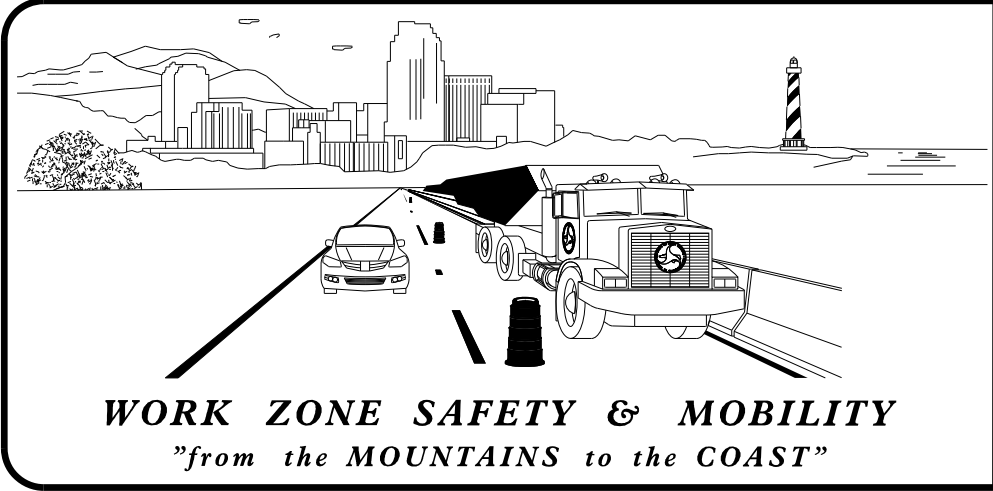
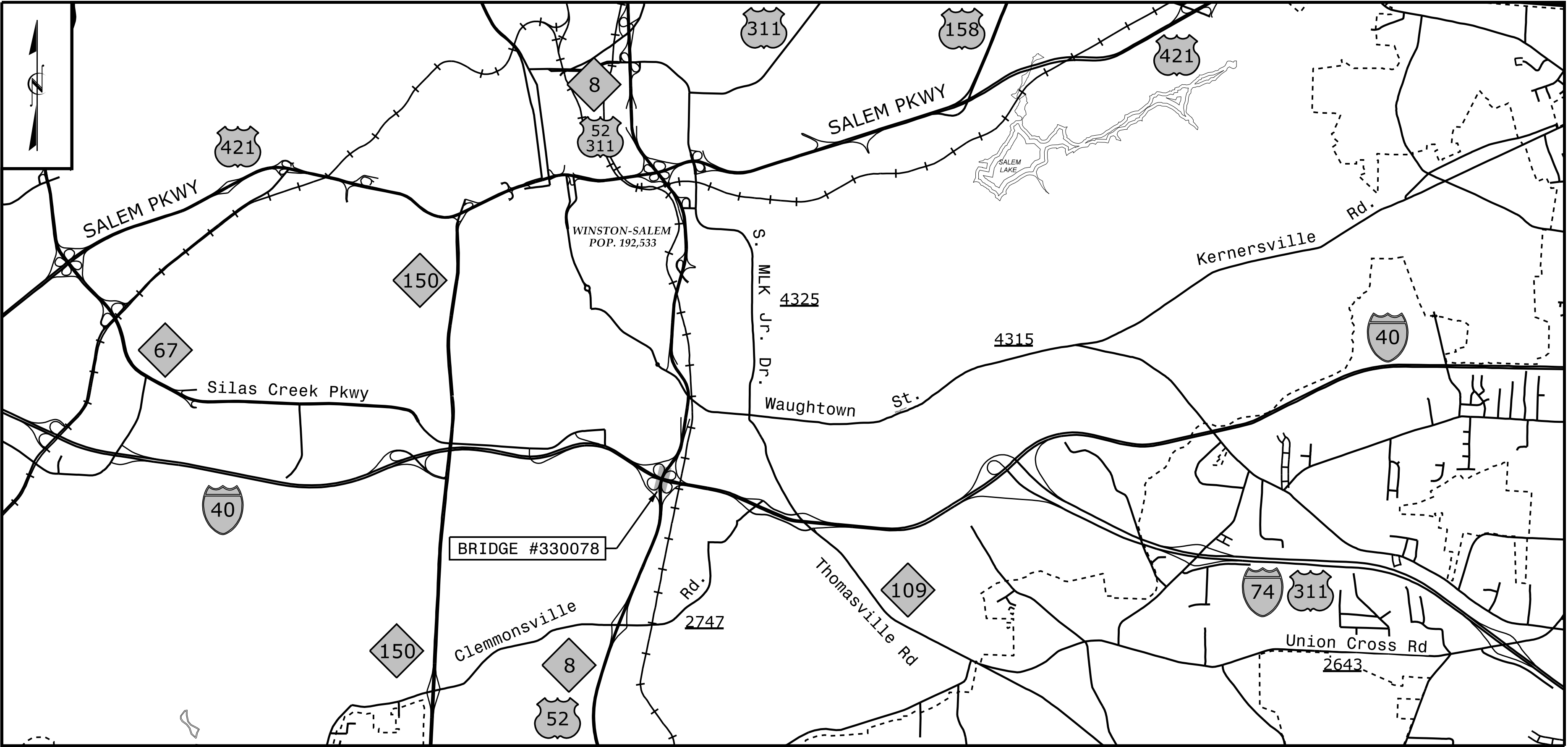
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN
FORSYTH COUNTY



LOCATION: BRIDGE #330078 OVER I-40 ON US-52 /US-311 /NC-8



PLANS PREPARED BY:

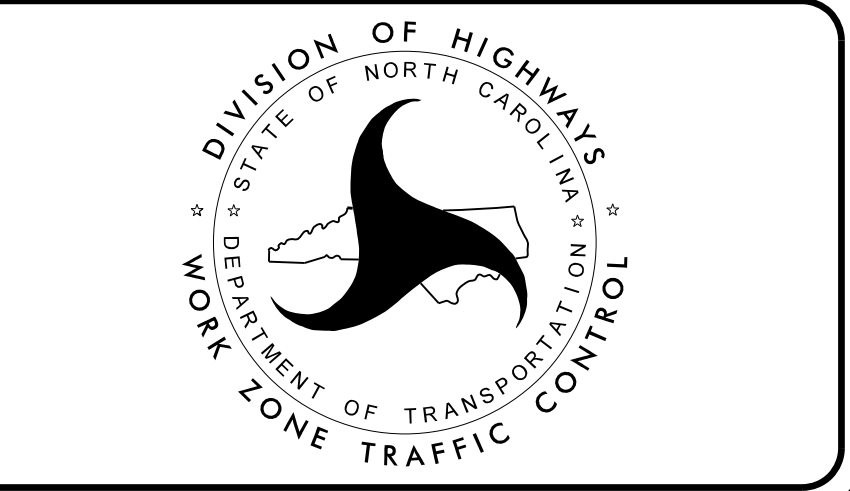
MIKE RZEPKA, P.E.
TRAFFIC CONTROL PROJECT ENGINEER

CHRIS HARNDEN
TRAFFIC CONTROL DESIGN ENGINEER

NCDOT CONTACTS:

TIM SHERRILL, P.E.
PROJECT ENGINEER

PROJECT DESIGN ENGINEER



PLAN PREPARED BY:

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
N.C.B.E.I.S. License Number: F-0116

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APPROVED: Michael T. Rzepka

DATE: 11/24/2025

SEAL

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REVISIONS


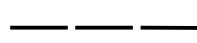
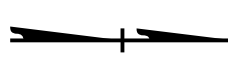


ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - 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>
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1145.01	BARRICADES
1165.01	TRUCK MOUNTED ATTENUATOR
1180.01	SKINNY-DRUMS

LEGEND






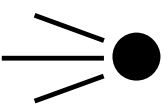

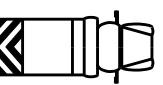

GENERAL

-  DIRECTION OF TRAFFIC FLOW
-  EXIST. PVMT.
-  NORTH ARROW
-  PROPOSED PVMT.
-  WORK AREA




PAVEMENT MARKINGS

-  EXISTING LINES
-  TEMPORARY LINES

TRAFFIC CONTROL DEVICES

-  BARRICADE (TYPE III)
-  CONE
-  DRUM  SKINNY DRUM  TUBULAR MARKER
-  FLASHING ARROW BOARD
-  LAW ENFORCEMENT
-  TRUCK MOUNTED ATTENUATOR (TMA)
-  CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

-  PORTABLE SIGN
-  STATIONARY SIGN
-  STATIONARY OR PORTABLE SIGN

APPROVED: *Michael T. Rzepka*

DATE: 11/24/2025

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ROADWAY STANDARD
DRAWINGS & LEGEND

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REVISIONS

MANAGEMENT STRATEGIES

THE FOLLOWING LISTED WORK ZONE STRATEGIES ARE RECOMMENDED FOR INCLUSION WITHIN THIS TRANSPORTATION MANAGEMENT PLAN (TMP).

RECOMMENDED STRATEGIES:

TRAFFIC MANAGEMENT STRATEGIES:
FULL ROADWAY CLOSURES
ROLLING ROADBLOCK
LANE SHIFTS OR CLOSURES
SHOULDER CLOSURES
RAMP CLOSURES / RELOCATION
NIGHT WORK
WEEKEND WORK
WORK HOUR RESTRICTIONS FOR PEAK TRAVEL
OFF-SITE DETOURS / USE OF ALTERNATIVE ROUTES

TRAFFIC / INCIDENT MANAGEMENT & SPEED ENFORCEMENT STRATEGIES:
LOCAL DETOUR ROUTES

CONTRACTING & INNOVATIVE CONSTRUCTION STRATEGIES:
INTERMEDIATE CONTRACT TIMES / LIQUIDATED DAMAGES

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.

TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
I-285/US 52	MONDAY-SUNDAY 5:00 AM TO 8:00 PM
I-40 & RAMPS	MONDAY-SUNDAY 5:00 AM TO 9:00 PM (LANE CLOSURE) 5:00 AM TO 11:00 PM (DOUBLE LANE CLOSURE)

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME
I-285/US 52/I-40
HOLIDAY

1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.

2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 5:00 AM DECEMBER 31st TO 8:00 PM JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 8:00 PM THE FOLLOWING TUESDAY.

3. FOR EASTER, BETWEEN THE HOURS OF 5:00 AM THURSDAY AND 8:00 PM MONDAY.

4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 5:00 AM FRIDAY TO 8:00 PM TUESDAY.

5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 5:00 AM THE DAY BEFORE INDEPENDENCE DAY AND 8:00 PM THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 5:00 AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 8:00 PM THE TUESDAY AFTER INDEPENDENCE DAY.

6. FOR LABOR DAY, BETWEEN THE HOURS OF 5:00 AM FRIDAY AND 8:00 PM TUESDAY.

7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 5:00 AM TUESDAY TO 8:00 PM MONDAY.

8. FOR CHRISTMAS, BETWEEN THE HOURS OF 5:00 AM THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 8:00 PM THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION AND OPERATION
I-285/US 52	MONDAY-SUNDAY 5:00 AM TO 11:00 PM	20 MINUTE BRIDGE JACKING

D) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURE REQUIREMENTS

E) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.

F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 10 FT OF AN OPEN TRAVEL LANE ON A DIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

H) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

I) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

K) DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON I-40 & I-285/US 52.

M) USE SEQUENTIAL FLASHING WARNING LIGHTS ON DRUMS USED FOR THE MERGING TAPERS OF NIGHTTIME LANE CLOSURES IN ACCORDANCE WITH SECTION 1140 IN THE STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.

N) NOTIFY THE NCDOT STATEWIDE TRANSPORTATION OPERATIONS CENTER (STOC) AT 877-627-7862 APPROXIMATELY 30 MINUTES PRIOR TO INSTALLING AND WITHIN 15 MINUTES AFTER REMOVING LANE CLOSURES ON INTERSTATES, FREEWAYS, CONTROLLED ACCESS FACILITIES, AND US ROUTES.

TRAFFIC PATTERN ALTERATIONS

P) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

Q) 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.

R) 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.

S) 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.

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

U) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 500 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.


TRAFFIC CONTROL DEVICES

V) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.

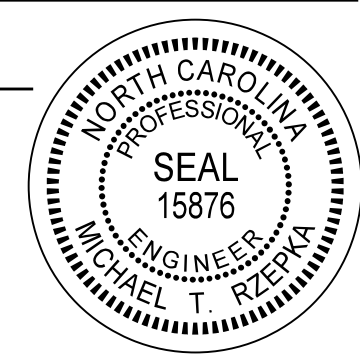
W) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

MISCELLANEOUS

X) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AS DIRECTED BY THE ENGINEER.

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APPROVED: <u>Michael T. Rzepka</u>
DATE: <u>11/24/2025</u>
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TRANSPORTATION
OPERATIONS PLAN

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REVISIONS

NOTES:
BEFORE BEGINNING ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES. FIELD VERIFY LOCATIONS WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.

MAINTAIN VEHICULAR ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE LIFE OF THE CONTRACT, UNLESS OTHERWISE NOTED IN THE PHASING PLANS OR DIRECTED BY THE RESIDENT ENGINEER.

WHEN USING LANE CLOSURES (RSD 1101.02), RETURN TRAFFIC TO THE EXISTING TRAFFIC PATTERN UPON ACTIVITIES COMPLETION, UNLESS OTHERWISE NOTED IN THE PHASING PLANS.

WHEN PHASING STATES TO USE LANE CLOSURES, REFER TO THE FOLLOWING FOR ALL EXISTING AND PROPOSED ROADS:

- ALL MULTI-LANE FACILITIES POSTED < 60 MPH SEE RSD 1101.02 SHEET 3 OF 19
- ALL MULTI-LANE FACILITIES POSTED ≥ 60 MPH SEE RSD 1101.02 SHEET 4 OF 19
- ALL ENTRANCE AND EXIT RAMPS SEE RSD 1101.02 SHEETS 12 AND 13 OF 19

PHASE 1 (SEE TMP-4 AND TMP-5)

NOTES:

STEP 1 THRU STEP 3 MAY BE COMPLETED IN ANY ORDER, BUT NOT CONCURRENTLY.

WORK AT ANY ONE LOCATION DOES NOT NEED TO BE COMPLETED BEFORE BEGINNING WORK AT ANOTHER LOCATION.

LOOP CLOSURES MAY ONLY BE IMPLEMENTED AS NEEDED TO COMPLETE ONGOING WORK WITHIN A STEP. ADDITIONAL LOOPS MAY NOT BE CLOSED SIMULTANEOUSLY.

STEP 1

COMPLETE BRIDGE WORK FOR THE REPLACEMENT OF THE BEAM BEARINGS OF THE SHOULDER BENT ON EB I-40 IN THE FOLLOWING MANNER:

- A) CLOSE LOOPS C AND D, AND DETOUR TRAFFIC AS SHOWN ON TMP-10 AND TMP-11.
- B) USE RSD 1101.02, SHEET 8 OF 19 TO CLOSE THE LEFT 2 LANES OF EB I-40, THEN SHIFT CHANNELIZED SINGLE LANE OF TRAFFIC TO MEDIAN LANE ON I-40.
- C) USE RSD 1101.03, SHEET 9 OF 9 TO CLOSE I-285/US 52 DURING BRIDGE JACKING OPERATIONS (SEE GENERAL NOTE 'C'), REOPEN AFTER JACKING OPERATIONS ARE COMPLETE.
- D) PERFORM WORK (SEE STRUCTURE PLANS).
- E) REMOVE LANE AND LOOP CLOSURES AT END OF WORK PERIOD.
- F) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

STEP 2

COMPLETE BRIDGE WORK FOR THE REPLACEMENT OF THE BEAM BEARINGS OF THE SHOULDER BENT ON WB I-40 IN THE FOLLOWING MANNER:

- A) CLOSE LOOPS A AND B, AND DETOUR TRAFFIC AS SHOWN ON TMP-8 AND TMP-9.
- B) USE RSD 1101.02, SHEET 8 OF 19 TO CLOSE THE LEFT 2 LANES, THEN SHIFT CHANNELIZED SINGLE LANE OF TRAFFIC TO MEDIAN LANE ON I-40.
- C) USE RSD 1101.03, SHEET 9 OF 9 TO CLOSE I-285/US 52 DURING BRIDGE JACKING OPERATIONS (SEE GENERAL NOTE 'C'), REOPEN AFTER JACKING OPERATIONS ARE COMPLETE.
- D) PERFORM WORK (SEE STRUCTURE PLANS).
- E) REMOVE LANE AND LOOP CLOSURES AT END OF WORK PERIOD.
- F) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

STEP 3

COMPLETE BRIDGE WORK FOR THE REPLACEMENT OF THE BEAM BEARINGS OF THE MEDIAN BENT IN THE FOLLOWING MANNER:

- A) USE RSD 1101.02, SHEET 4 OF 19 TO CLOSE THE LEFT (MEDIAN) LANE OF BOTH EB AND WB I-40 (OR USE RSD 1101.02, SHEET 8 OF 19 TO CLOSE THE LEFT 2 LANES OF EACH DIRECTION IF NEEDED).
- B) USE RSD 1101.03, SHEET 9 OF 9 TO CLOSE I-285/US 52 DURING BRIDGE JACKING OPERATIONS (SEE GENERAL NOTE 'C'), REOPEN AFTER JACKING OPERATIONS ARE COMPLETE.
- C) PERFORM WORK (SEE STRUCTURE PLANS).
- D) REMOVE LANE CLOSURES AT END OF WORK PERIOD.
- E) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

PHASING

PHASE 2 (SEE TMP-6 AND TMP-7)

NOTES:

STEP 1 AND STEP 4 MAY BE COMPLETED IN ANY ORDER, BUT NOT CONCURRENTLY.

WORK AT ANY ONE LOCATION DOES NOT NEED TO BE COMPLETED BEFORE BEGINNING WORK AT ANOTHER LOCATION.

LOOP CLOSURES MAY ONLY BE IMPLEMENTED AS NEEDED TO COMPLETE ONGOING WORK WITHIN A STEP. ADDITIONAL LOOPS MAY NOT BE CLOSED SIMULTANEOUSLY.

STEP 1

COMPLETE BRIDGE WORK FOR THE REPLACEMENT OF THE BRIDGE DECK JOINT SEALS ON THE RIGHT HALF OF THE MIDDLE LANE, OUTSIDE LANE, AND OUTSIDE SHOULDER OF NB I-285/US 52 IN THE FOLLOWING MANNER:

- A) CLOSE LOOPS A AND D, AND DETOUR TRAFFIC AS SHOWN ON TMP-8 AND TMP-11.
- B) USE RSD 1101.02, SHEETS 3 AND 6 OF 19 TO CLOSE THE RIGHT LANE OF NB I-285/US 52, THEN SHIFT CHANNELIZED SINGLE LANE OF TRAFFIC TO THE INSIDE LANE ON BRIDGE.
- C) PERFORM WORK (SEE STRUCTURE PLANS).
- D) REMOVE LANE AND LOOP CLOSURES AT END OF WORK PERIOD.
- E) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

STEP 2

COMPLETE BRIDGE WORK FOR THE REPLACEMENT OF THE BRIDGE DECK JOINT SEALS ON THE RIGHT HALF OF THE MIDDLE LANE, OUTSIDE LANE, AND OUTSIDE SHOULDER OF SB I-285/US 52 IN THE FOLLOWING MANNER:

- A) CLOSE LOOPS B AND C, AND DETOUR TRAFFIC AS SHOWN ON TMP-9 AND TMP-10.
- B) USE RSD 1101.02, SHEETS 3 AND 6 OF 19 TO CLOSE THE RIGHT LANE OF SB I-285/US 52, THEN SHIFT CHANNELIZED SINGLE LANE OF TRAFFIC TO THE INSIDE LANE ON BRIDGE.
- C) PERFORM WORK (SEE STRUCTURE PLANS).
- D) REMOVE LANE AND LOOP CLOSURES AT END OF WORK PERIOD.
- E) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

STEP 3

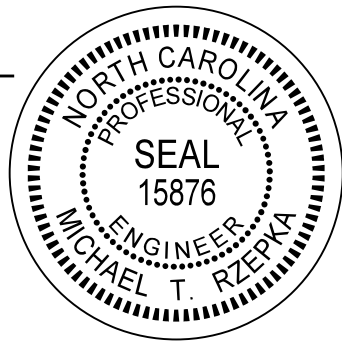
COMPLETE BRIDGE WORK FOR THE REPLACEMENT OF THE BRIDGE DECK JOINT SEALS ON THE MEDIAN SHOULDER, INSIDE LANE, AND LEFT HALF OF THE MIDDLE LANE OF NB I-285/US 52 IN THE FOLLOWING MANNER:

- A) CLOSE LOOP D AND DETOUR TRAFFIC AS SHOWN ON TMP-11.
- B) USE RSD 1101.02, SHEET 3 OF 19 TO CLOSE THE LEFT (MEDIAN) LANE OF NB I-285/US 52.
- C) SHIFT THE SINGLE LANE OF TRAFFIC TO THE RIGHT (AUXILIARY) LANE ON BRIDGE.
- D) PERFORM WORK (SEE STRUCTURE PLANS).
- E) REMOVE LANE AND LOOP CLOSURES AT END OF WORK PERIOD.
- F) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

STEP 4


COMPLETE BRIDGE WORK FOR THE REPLACEMENT OF THE BRIDGE DECK JOINT SEALS ON THE MEDIAN SHOULDER, INSIDE LANE, AND LEFT HALF OF THE MIDDLE LANE OF SB I-285/US 52 IN THE FOLLOWING MANNER:

- A) CLOSE LOOP B AND DETOUR TRAFFIC AS SHOWN ON TMP-9.
- B) USE RSD 1101.02, SHEET 3 OF 19 TO CLOSE THE LEFT (MEDIAN) LANE OF SB I-285/US 52.
- C) SHIFT THE SINGLE LANE OF TRAFFIC TO THE RIGHT (AUXILIARY) LANE ON BRIDGE.
- D) PERFORM WORK (SEE STRUCTURE PLANS).
- E) REMOVE LANE AND LOOP CLOSURES AT END OF WORK PERIOD.
- F) REPEAT EACH WORK PERIOD UNTIL COMPLETE.

APPROVED: <u>Michael T. Rzepka</u>
DATE: <u>11/24/2025</u>
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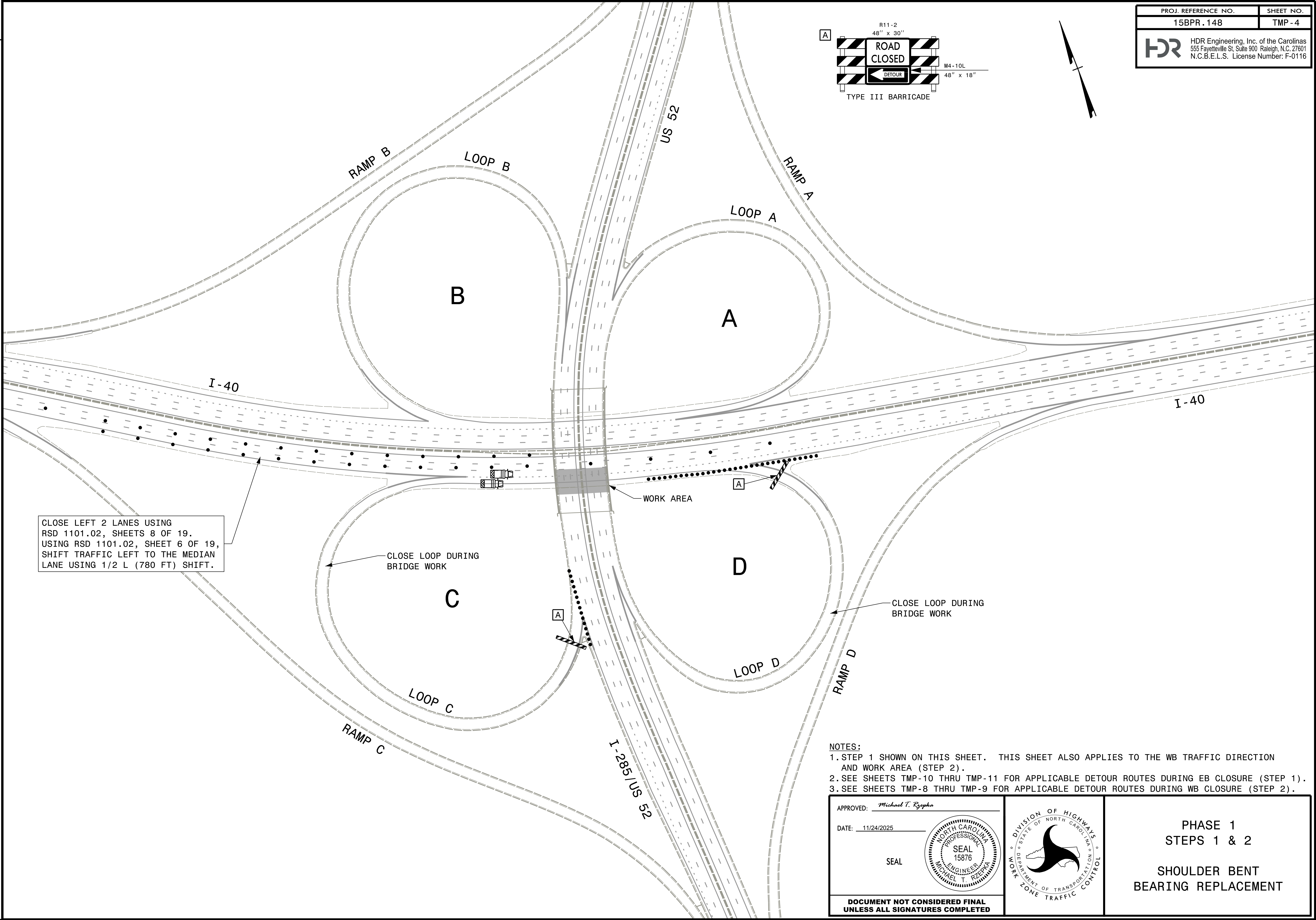


PHASING

PROJ. REFERENCE NO.	SHEET NO.
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REVISIONS



CLOSE LEFT 2 LANES USING
RSD 1101.02, SHEETS 8 OF 19.
USING RSD 1101.02, SHEET 6 OF 19,
SHIFT TRAFFIC LEFT TO THE MEDIAN
LANE USING 1/2 L (780 FT) SHIFT.

CLOSE LOOP DURING
BRIDGE WORK

CLOSE LOOP DURING
BRIDGE WORK

- NOTES:
- STEP 1 SHOWN ON THIS SHEET. THIS SHEET ALSO APPLIES TO THE WB TRAFFIC DIRECTION AND WORK AREA (STEP 2).
 - SEE SHEETS TMP-10 THRU TMP-11 FOR APPLICABLE DETOUR ROUTES DURING EB CLOSURE (STEP 1).
 - SEE SHEETS TMP-8 THRU TMP-9 FOR APPLICABLE DETOUR ROUTES DURING WB CLOSURE (STEP 2).

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DATE: 11/24/2025


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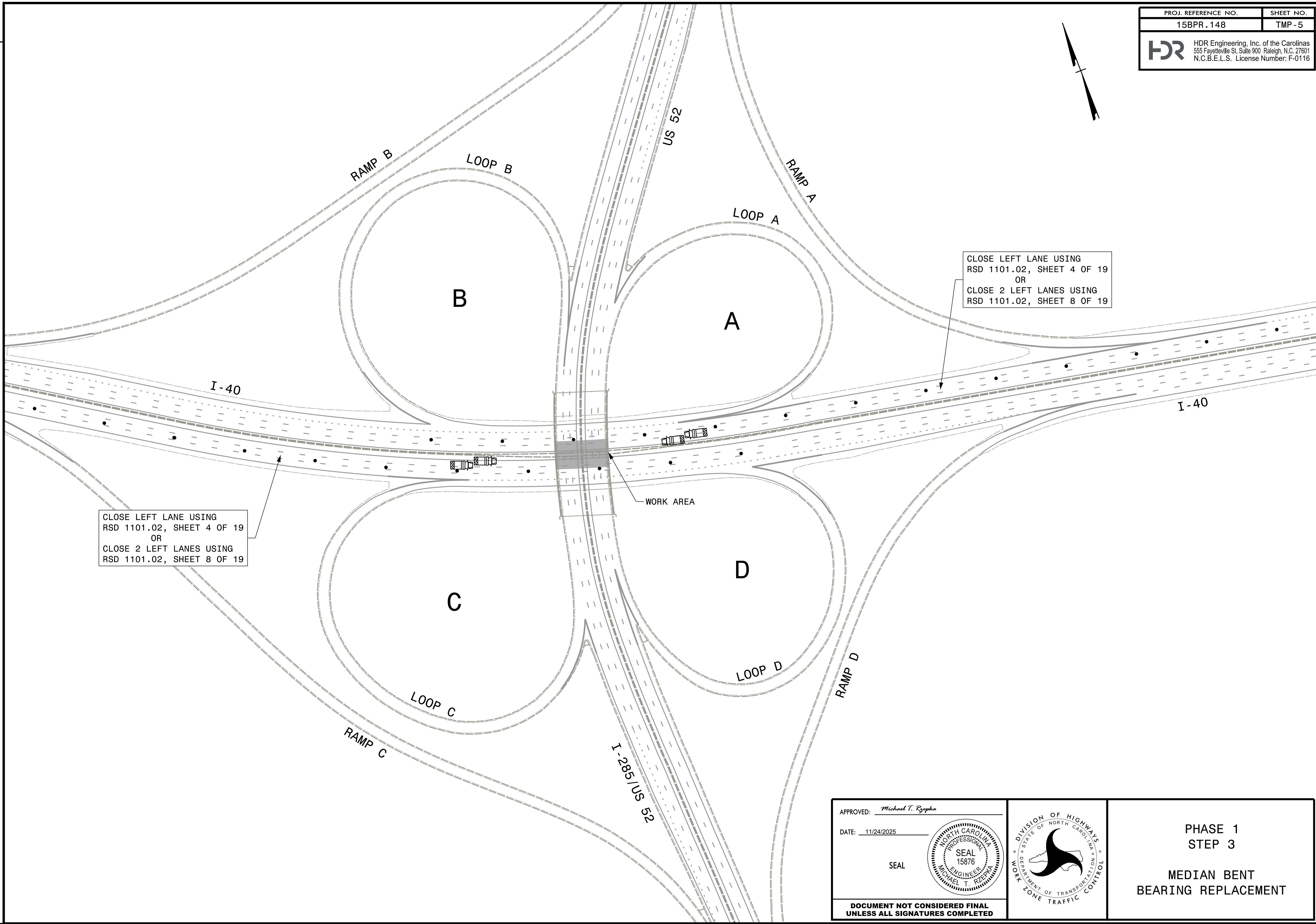
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PHASE 1
STEPS 1 & 2

SHOULDER BENT
BEARING REPLACEMENT

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15BPR.148	TMP-4
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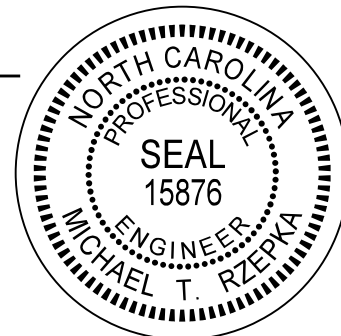


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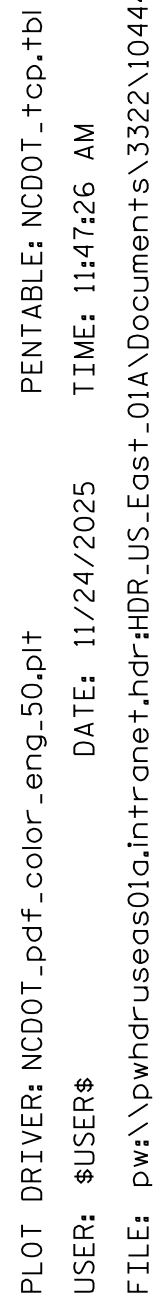


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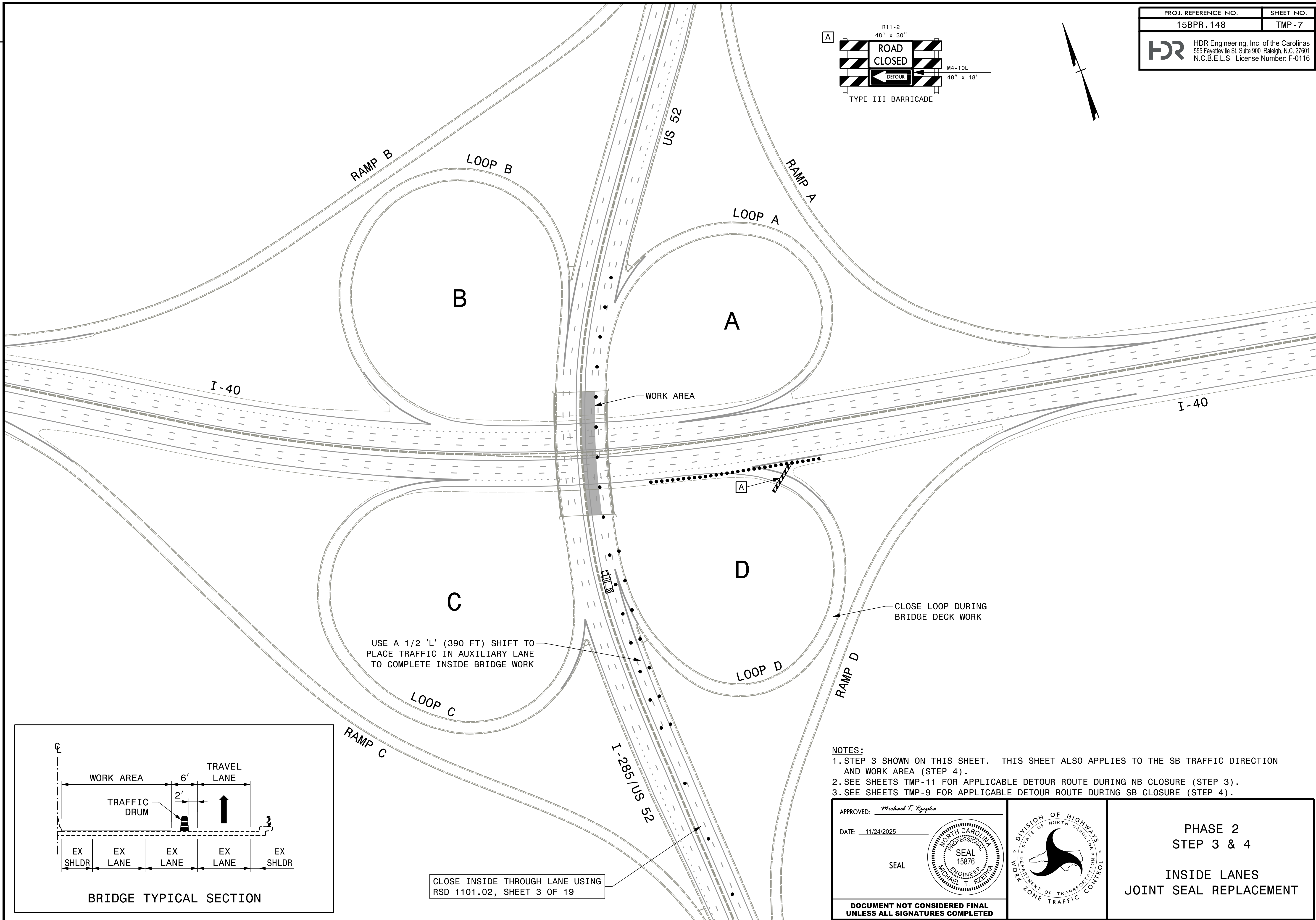


PHASE 1
STEP 3

MEDIAN BENT
BEARING REPLACEMENT

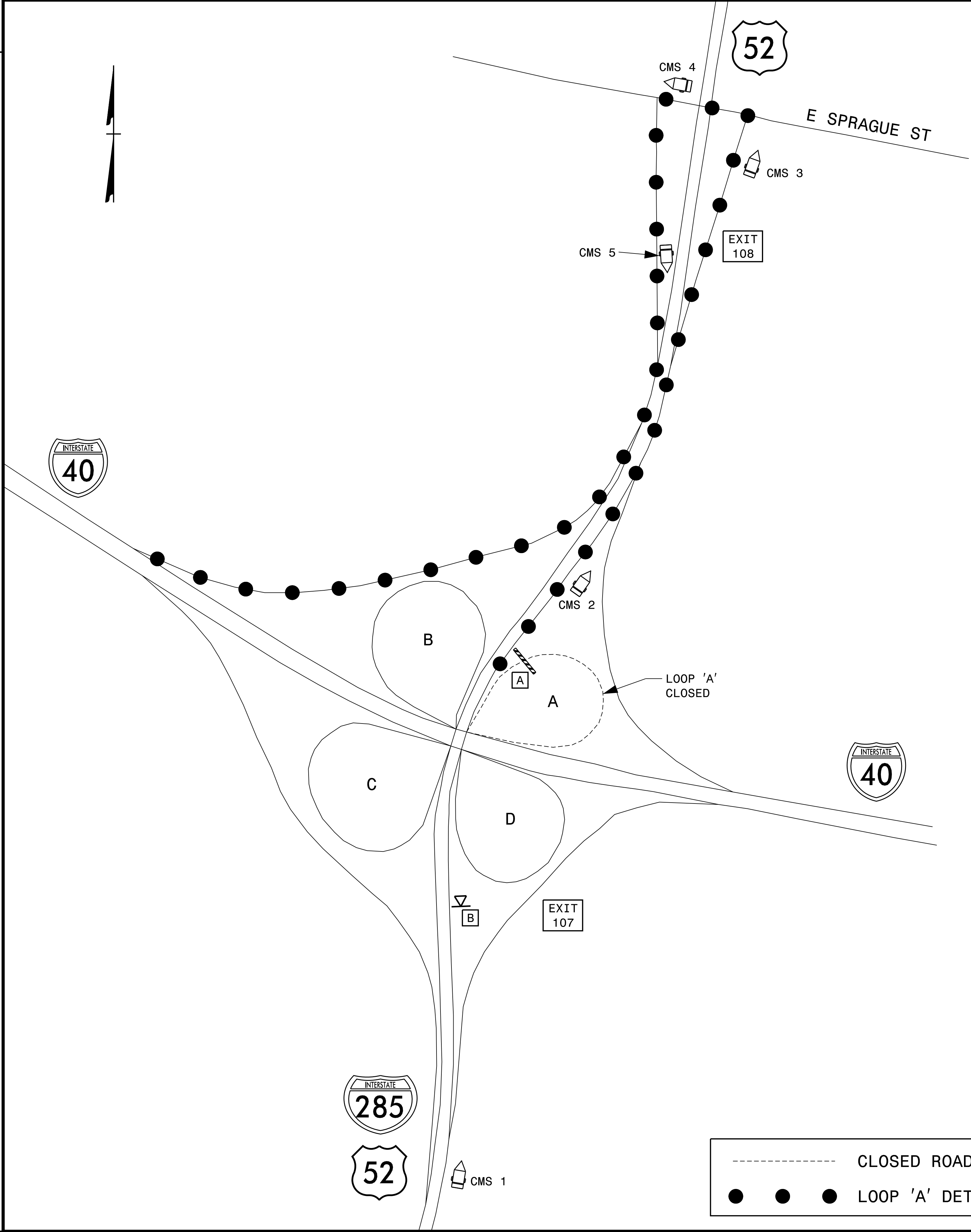



REVISIONS

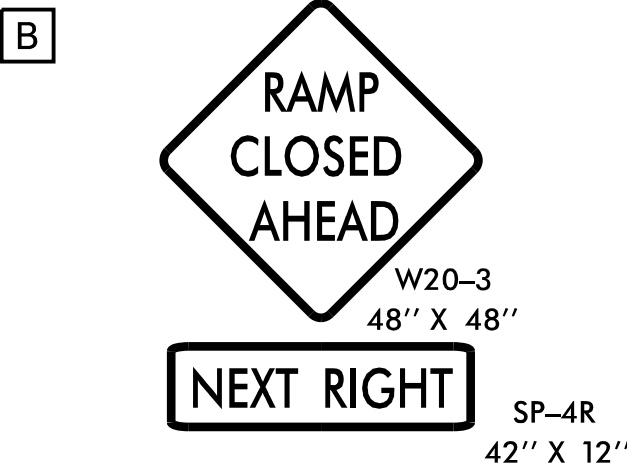
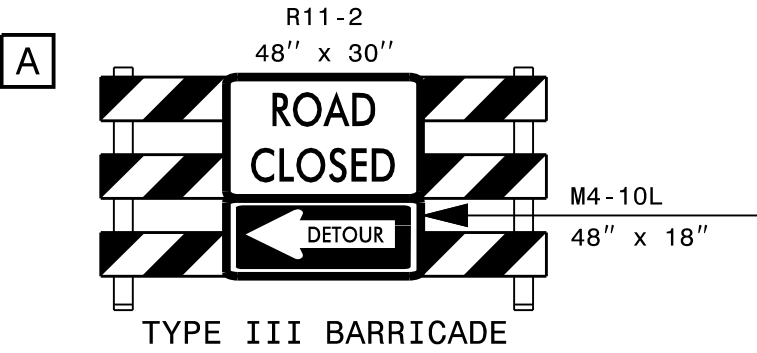


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USER: \$USER\$
DATE: 11/24/2025
TIME: 11:47:50 AM
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CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 107B CLOSED	FOLLOW DETOUR AHEAD

CHANGEABLE MESSAGE SIGN

CMS 2

MESSAGE NO. 1	MESSAGE NO. 2
I-40 WEST DETOUR	USE EXIT 108

CHANGEABLE MESSAGE SIGN

CMS 3 & 4

MESSAGE NO. 1	MESSAGE NO. 2
I-40 W DETOUR	I-40 W DETOUR

CHANGEABLE MESSAGE SIGN

CMS 5

MESSAGE NO. 1	MESSAGE NO. 2
I-40 W DETOUR	STAY IN LANE

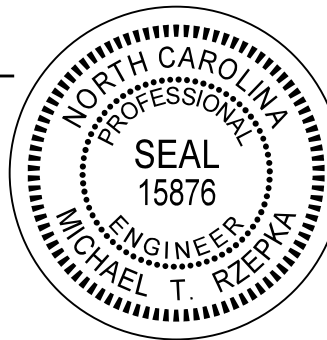
CHANGEABLE MESSAGE SIGN

- NOTES:
1. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
 2. DELINEATE CMS BOARD WITH DRUMS.

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DATE: 11/24/2025

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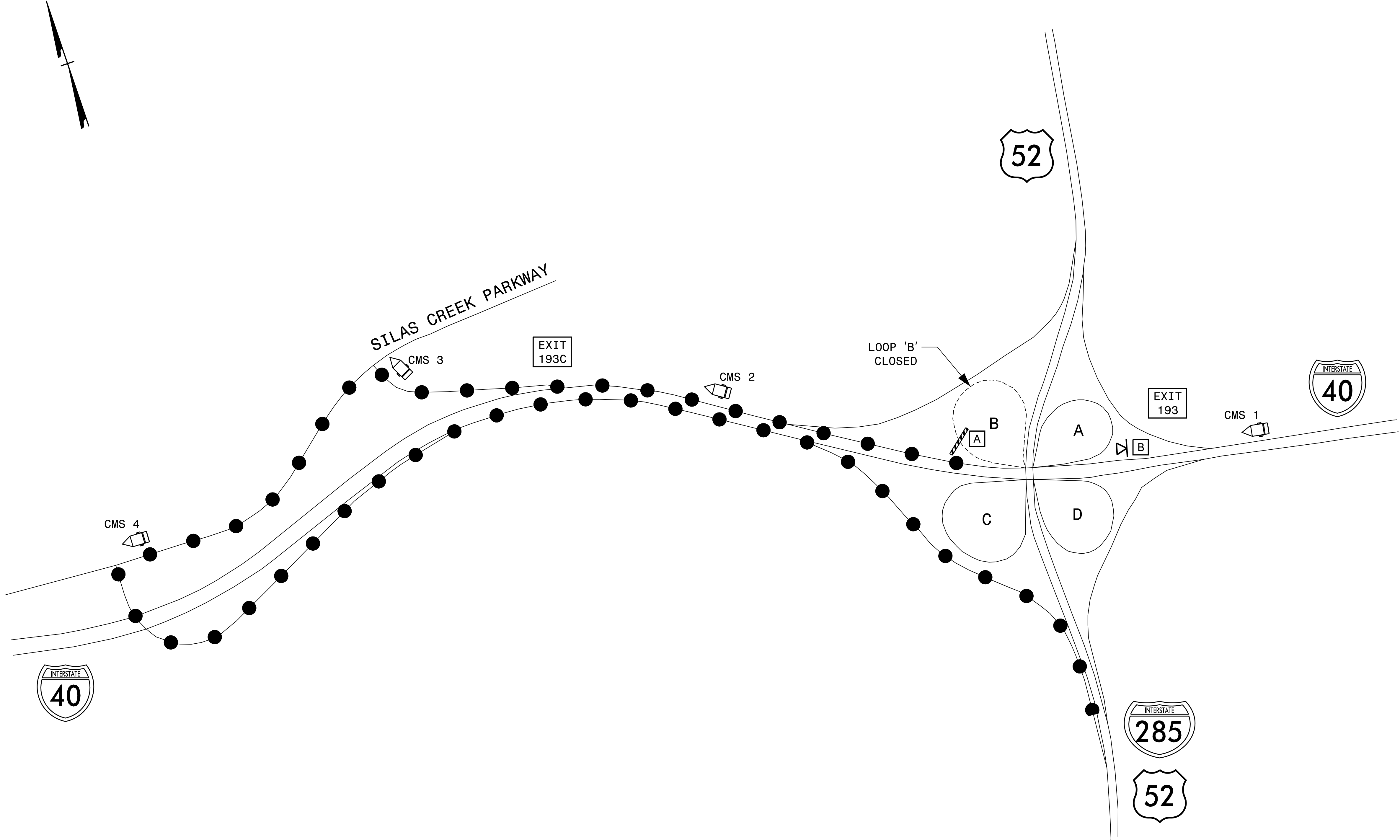



US 52
LOOP 'A'
OVERNIGHT CLOSURE

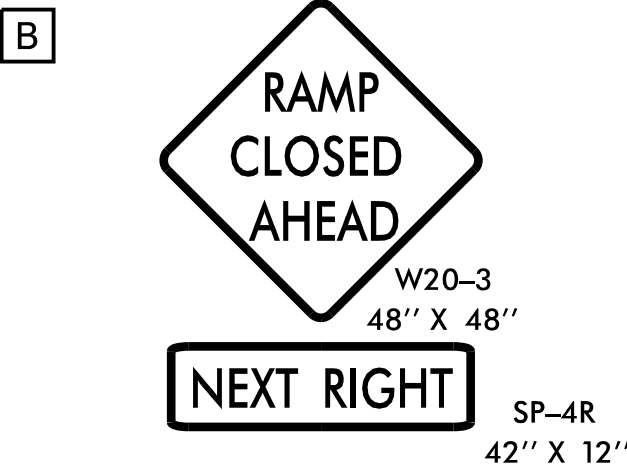
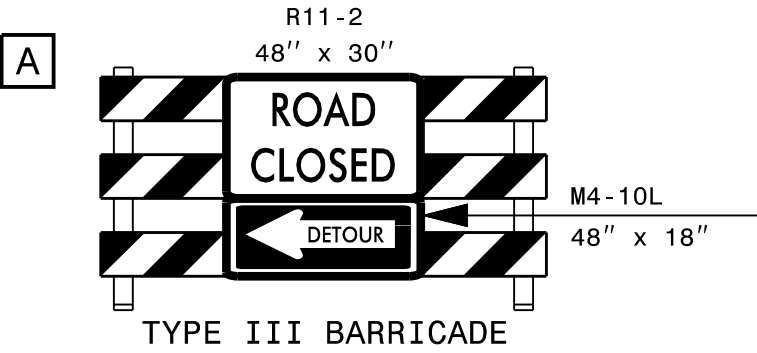
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PENTABLE: NCDOT_tcp.tbl
DATE: 11/24/2025
TIME: 11:48:01 AM

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CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 193A CLOSED	FOLLOW DETOUR AHEAD

CHANGEABLE MESSAGE SIGN

CMS 2

MESSAGE NO. 1	MESSAGE NO. 2
US 52 SOUTH DETOUR	USE EXIT 193C

CHANGEABLE MESSAGE SIGN

CMS 3 & 4

MESSAGE NO. 1	MESSAGE NO. 2
US 52 S DETOUR <- - - - -	US 52 S DETOUR <- - - - -

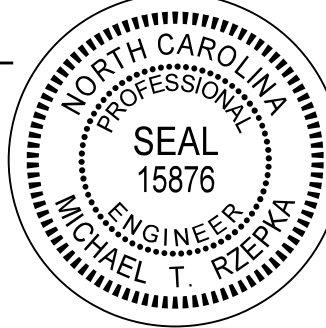
CHANGEABLE MESSAGE SIGN

NOTES:
1. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
2. DELINEATE CMS BOARD WITH DRUMS.

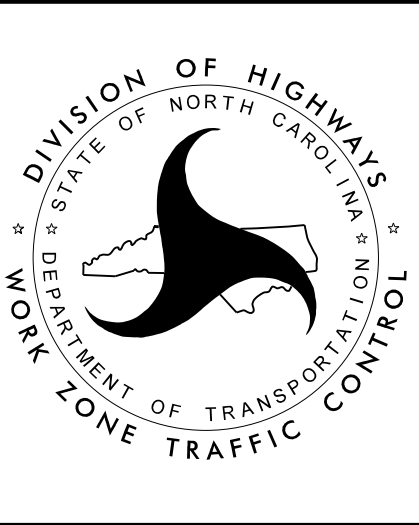
APPROVED: Michael T. Rzepka

DATE: 11/24/2025

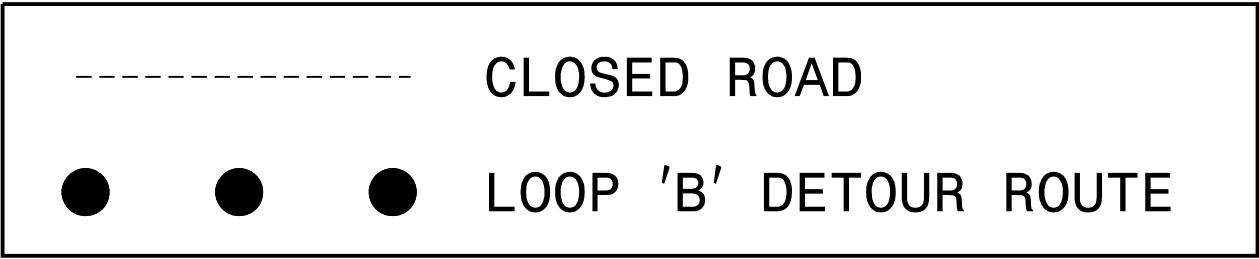
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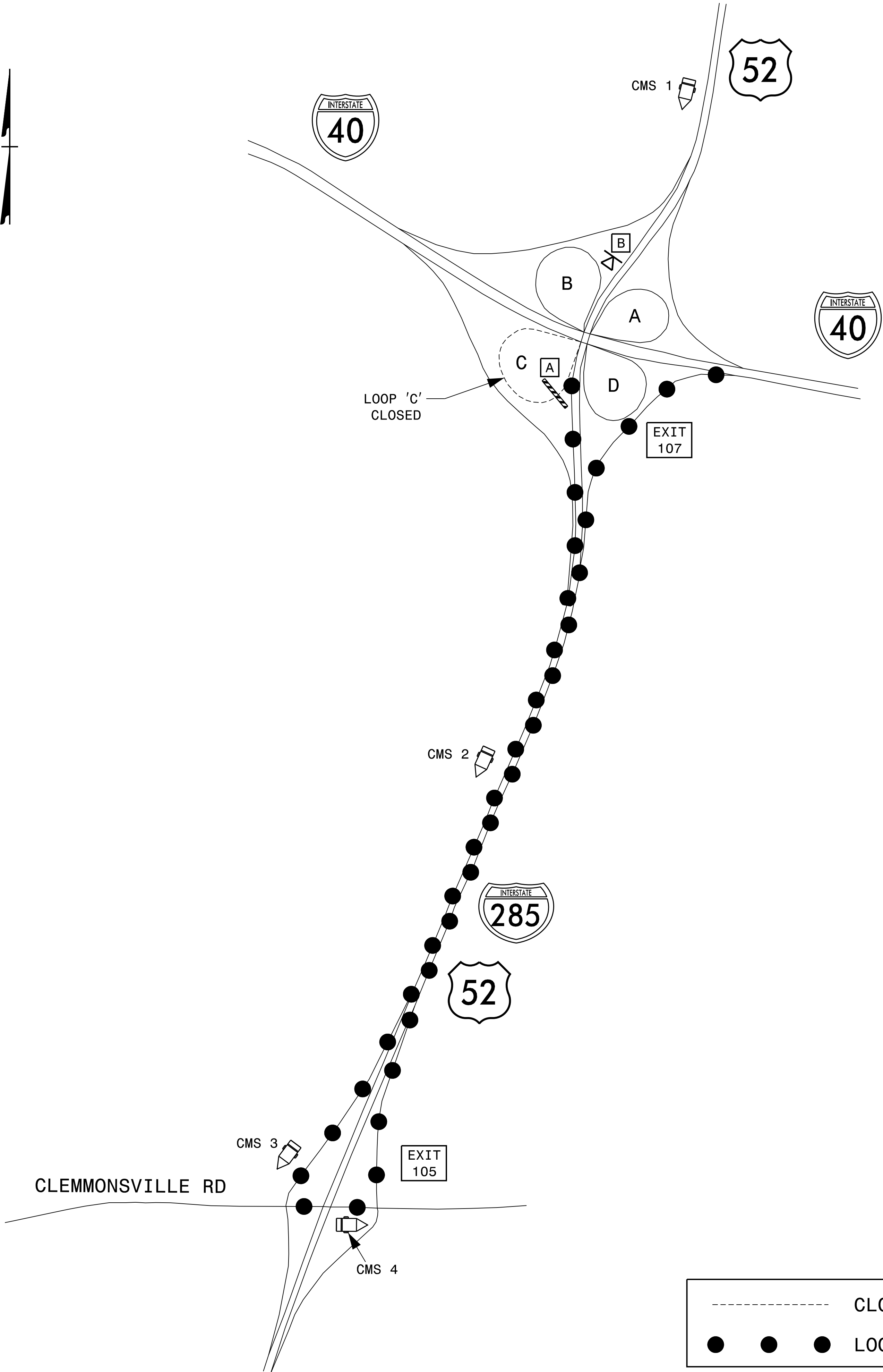
US 52
LOOP 'B'
OVERNIGHT CLOSURE



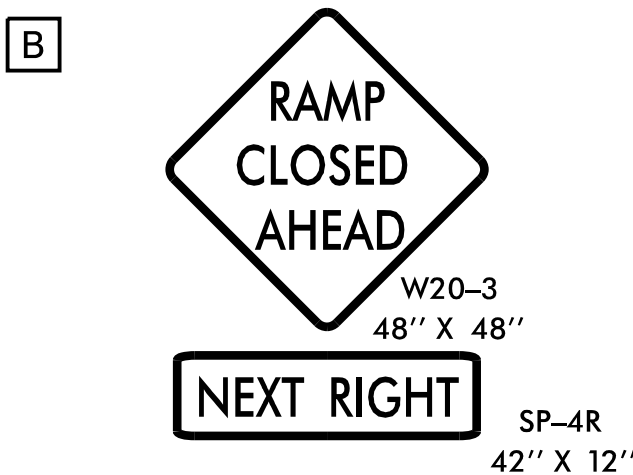
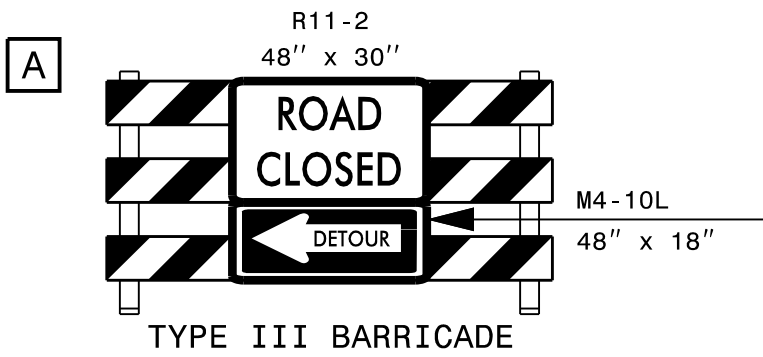
PLOT DRIVER: NCDOT_pdf_color_eng_50.plt
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PENTABLE: NCDOT_tcp.tbl
DATE: 11/24/2025
TIME: 11:48:13 AM

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CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 107A CLOSED	FOLLOW DETOUR AHEAD

CHANGEABLE MESSAGE SIGN

CMS 2

MESSAGE NO. 1	MESSAGE NO. 2
I-40 EAST DETOUR	USE EXIT 105

CHANGEABLE MESSAGE SIGN

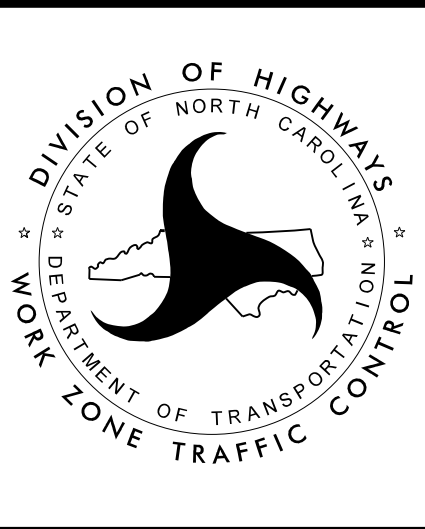
CMS 3 & 4

MESSAGE NO. 1	MESSAGE NO. 2
I-40 E DETOUR <-----	I-40 E DETOUR <-----

CHANGEABLE MESSAGE SIGN

- NOTES:
1. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
 2. DELINEATE CMS BOARD WITH DRUMS.

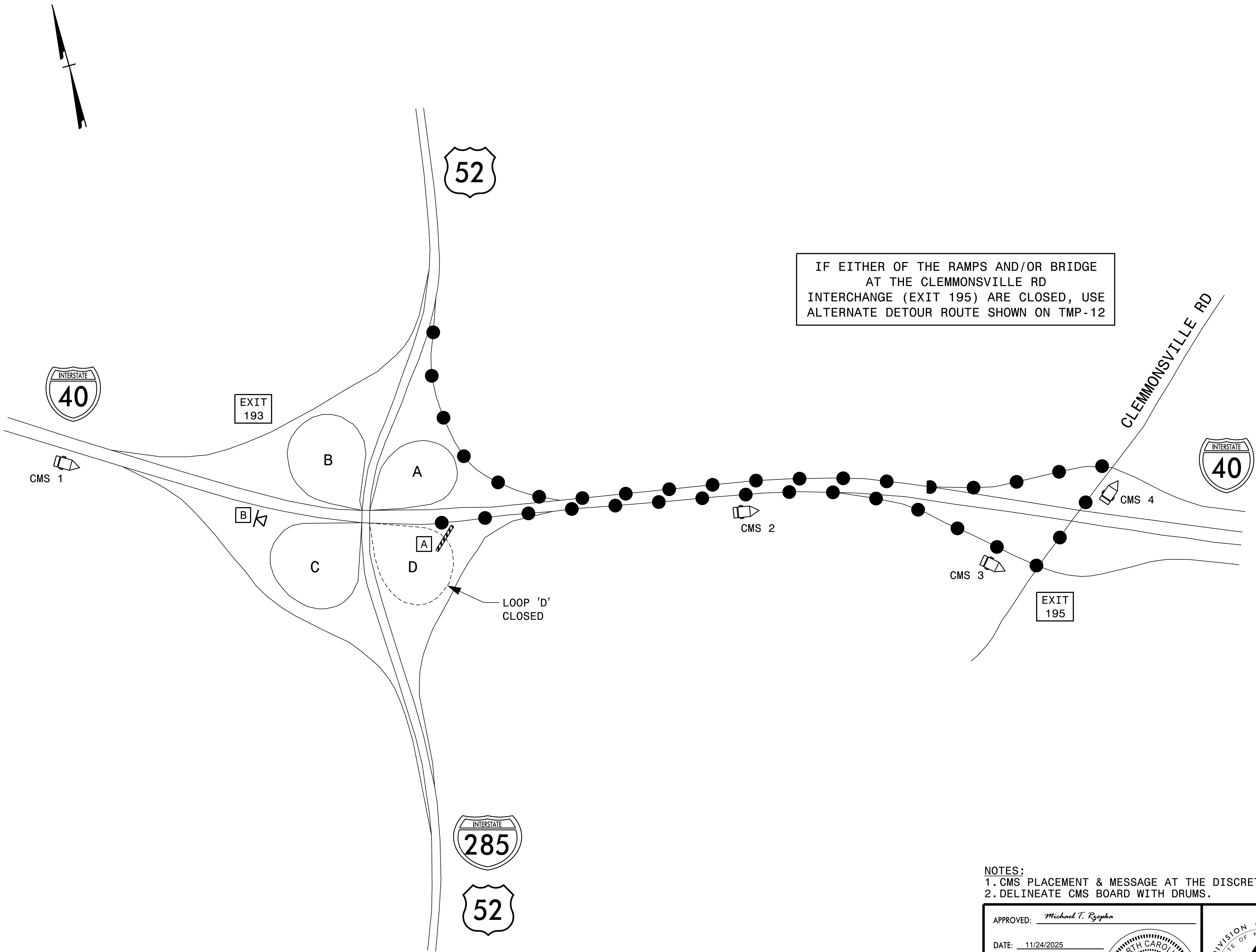
APPROVED: <i>Michael T. Rzepka</i>	
DATE: 11/24/2025	
SEAL	
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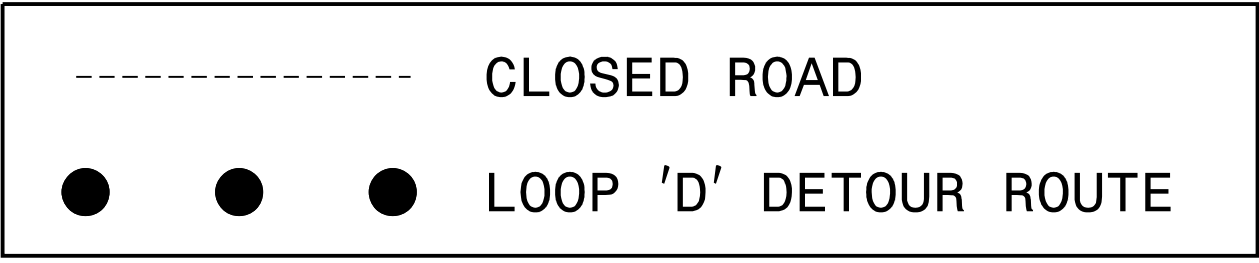
US 52
LOOP 'C'
OVERNIGHT CLOSURE


PLOT DRIVER: NCDOT_pdf_color_eng_50.plt
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USER: \$USER\$
DATE: 11/24/2025
TIME: 11:48:24 AM
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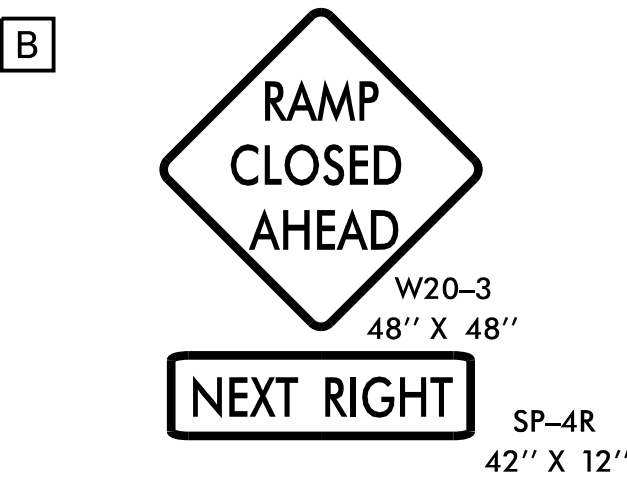
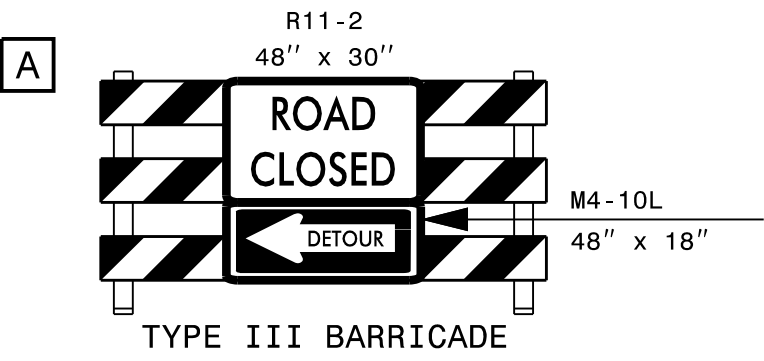
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IF EITHER OF THE RAMPS AND/OR BRIDGE
AT THE CLEMMONSVILLE RD
INTERCHANGE (EXIT 195) ARE CLOSED, USE
ALTERNATE DETOUR ROUTE SHOWN ON TMP-12



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CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 193B CLOSED	FOLLOW DETOUR AHEAD

CHANGEABLE MESSAGE SIGN

CMS 2

MESSAGE NO. 1	MESSAGE NO. 2
US 52 NORTH DETOUR	USE EXIT 195

CHANGEABLE MESSAGE SIGN

CMS 3 & 4

MESSAGE NO. 1	MESSAGE NO. 2
US 52 N DETOUR	US 52 N DETOUR
<-----	<-----

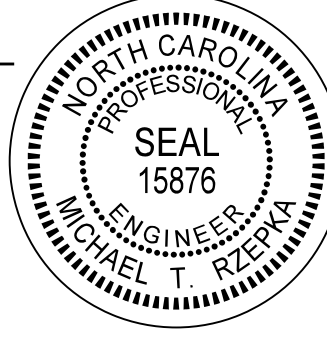
CHANGEABLE MESSAGE SIGN

- NOTES:
1. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
 2. DELINEATE CMS BOARD WITH DRUMS.

APPROVED: *Michael T. Rzepka*

DATE: 11/24/2025

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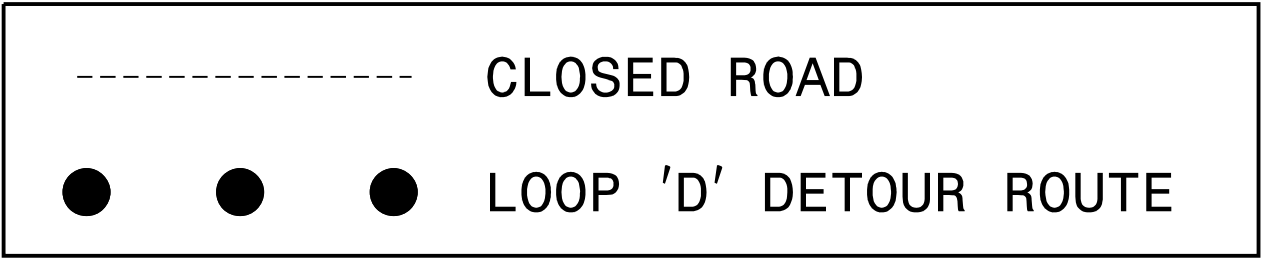
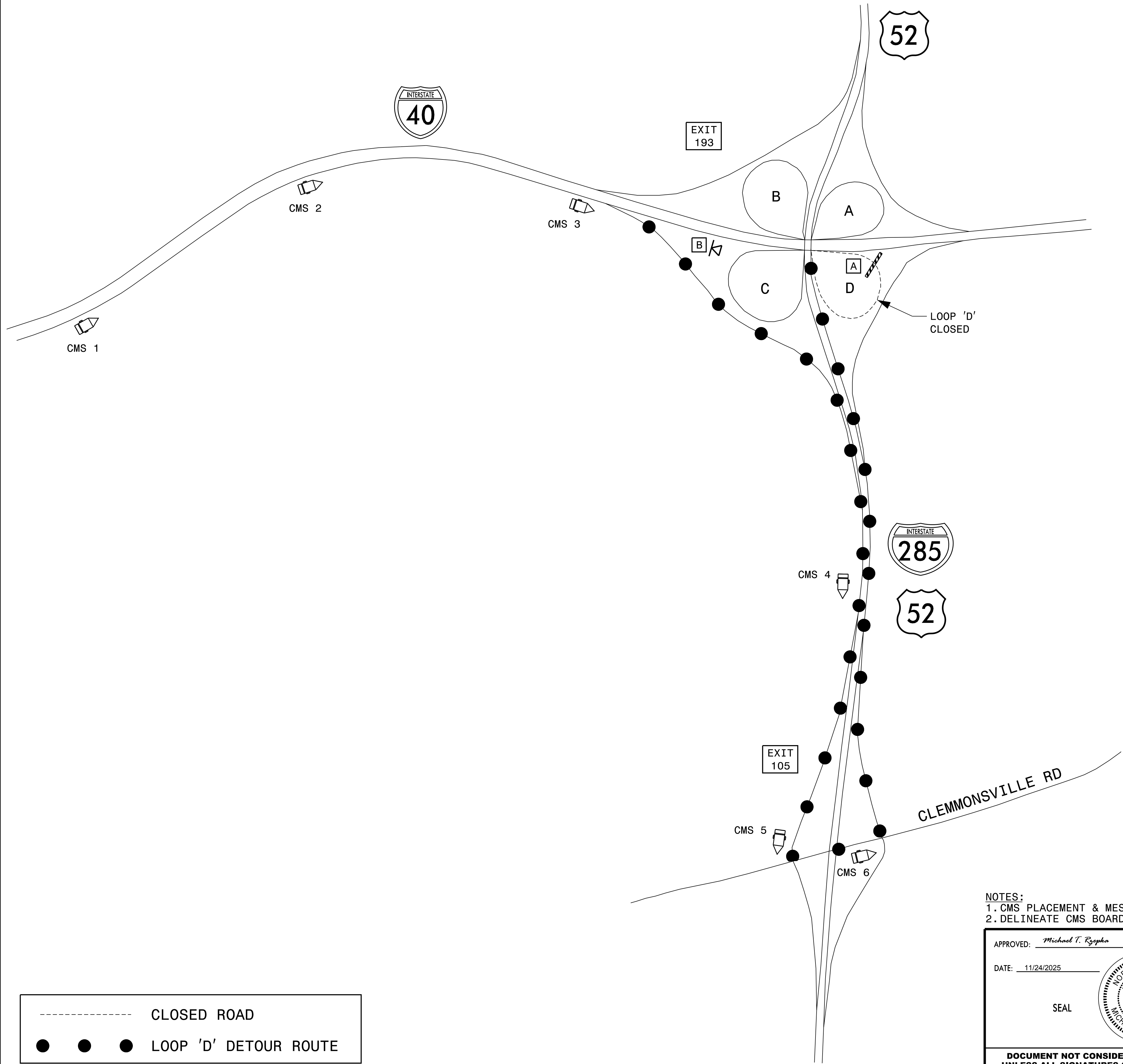
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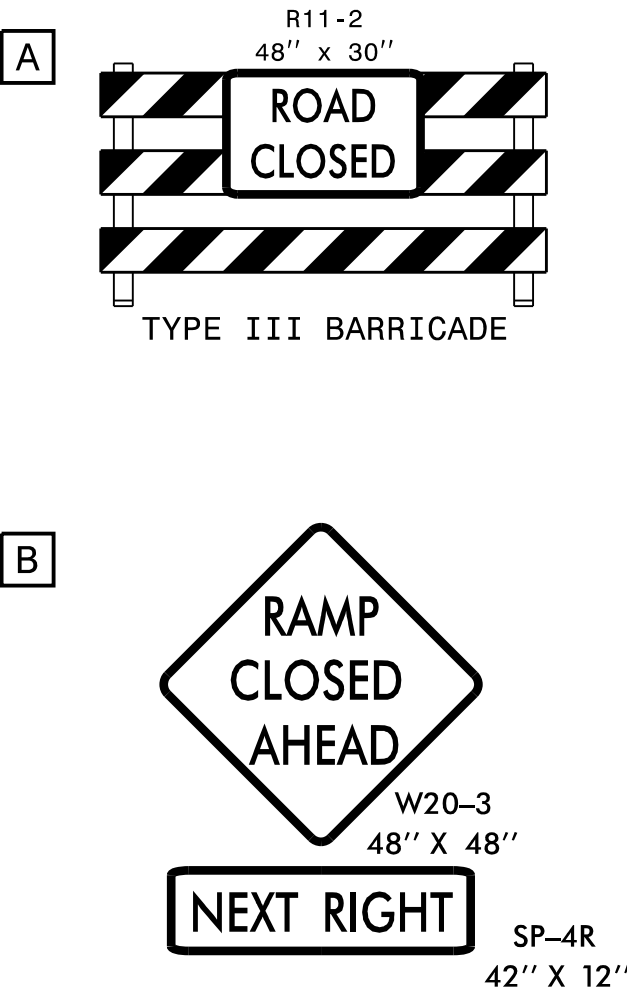
US 52
LOOP 'D'
OVERNIGHT CLOSURE

PLOT DRIVER: NCDOT_pdf_color_eng_50.plt
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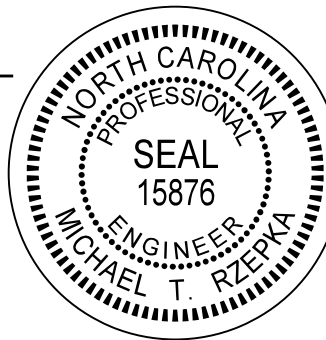
CMS 1	
MESSAGE NO. 1	MESSAGE NO. 2
EXIT 193B CLOSED	FOLLOW DETOUR AHEAD
CHANGEABLE MESSAGE SIGN	

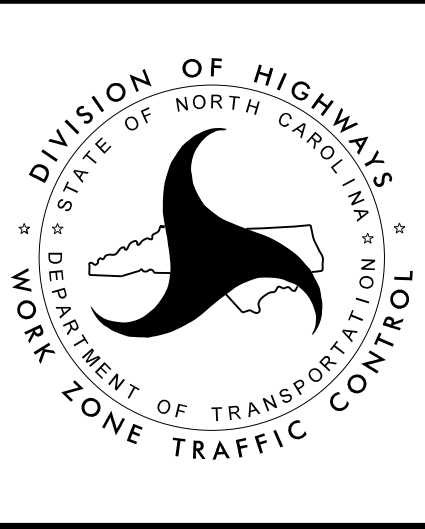
CMS 2	
MESSAGE NO. 1	MESSAGE NO. 2
US 52 NORTH DETOUR	USE EXIT 193A
CHANGEABLE MESSAGE SIGN	

CMS 3 & 4	
MESSAGE NO. 1	MESSAGE NO. 2
US 52 N DETOUR	US 52 N DETOUR
----->	----->
CHANGEABLE MESSAGE SIGN	

CMS 5 & 6	
MESSAGE NO. 1	MESSAGE NO. 2
US 52 N DETOUR	US 52 N DETOUR
<-----	<-----
CHANGEABLE MESSAGE SIGN	

- NOTES:
1. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
2. DELINEATE CMS BOARD WITH DRUMS.

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DATE: <u>11/24/2025</u>
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US 52
LOOP 'D'
OVERNIGHT CLOSURE
ALTERNATE ROUTE