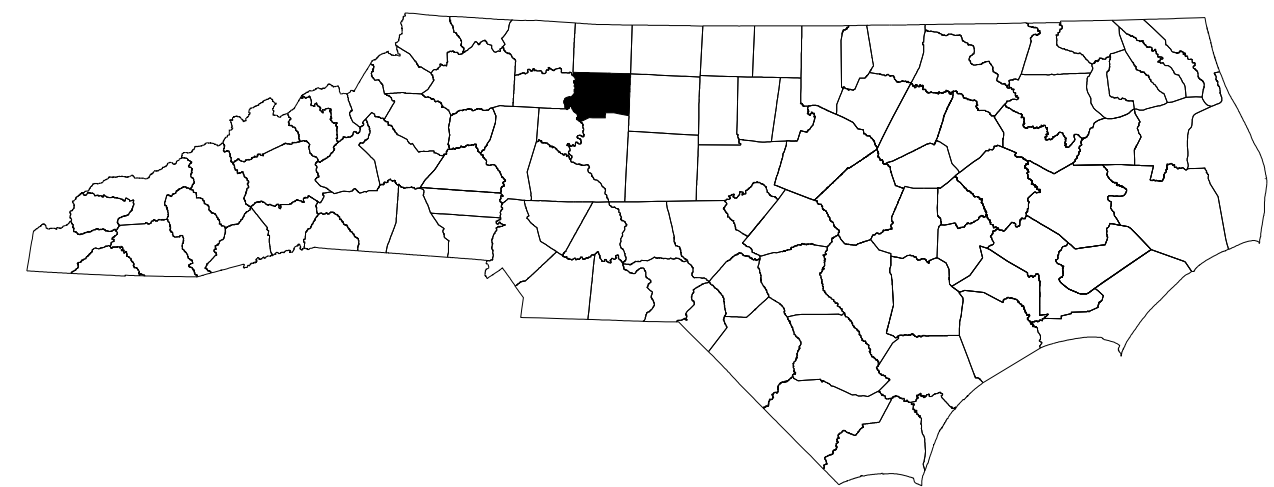
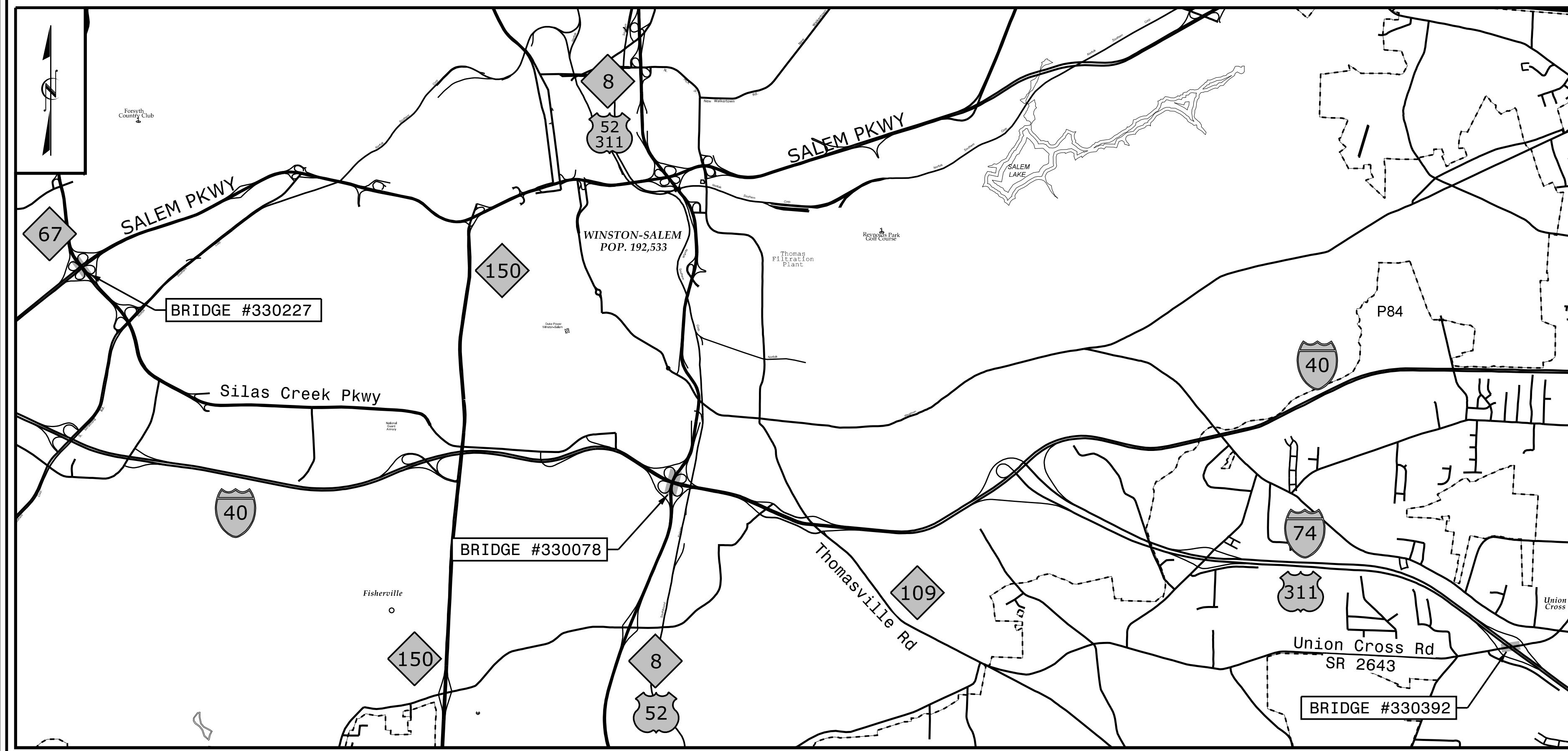


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN
FORSYTH COUNTY



LOCATION: BRIDGE #330078 ON US 52 / US 311 OVER US 311 / I-40
BRIDGE #330227 ON NC 67 OVER SALEM PKWY.
BRIDGE #330392 ON SR 2643 OVER US 311 / I-40

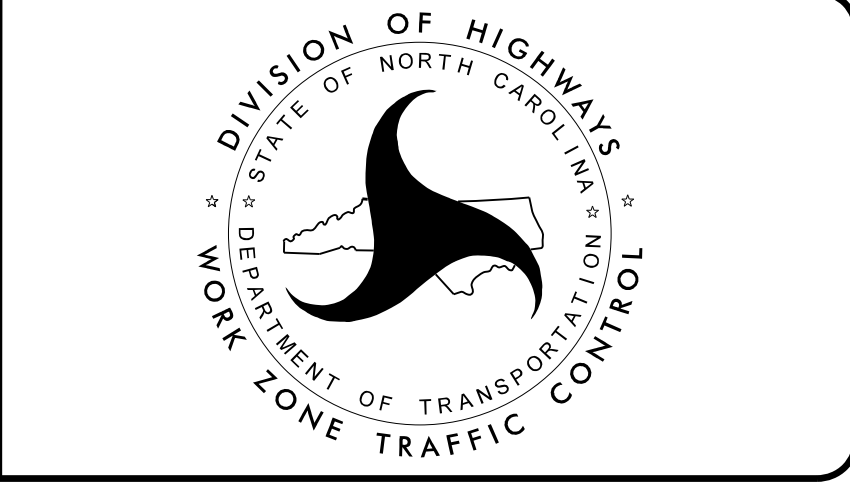


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DATE: 1/14/2022
TIME: 9:39:39 AM



PLANS PREPARED BY:
MIKE RZEPKA, P.E.
TRAFFIC CONTROL PROJECT ENGINEER
BRANDON SCOTT
TRAFFIC CONTROL DESIGN ENGINEER

NCDOT CONTACTS:
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.L.S. License Number: F-0116

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APPROVED: *Michael T. Rzepka*
DATE: 1/14/2022

SEAL

SHEET NO.	TITLE
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: (MANAGEMENT STRATEGIES, GENERAL NOTES, AND LOCAL NOTES)
TMP-3	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4	BRIDGE # 330078 TEMPORARY TRAFFIC CONTROL DETAILS
TMP-12	BRIDGE # 330227 TEMPORARY TRAFFIC CONTROL DETAILS
TMP-24	BRIDGE # 330392 TEMPORARY TRAFFIC CONTROL DETAILS

SHEET NO. TMP-1
15BPR.55
TIP PROJECT:

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:

<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
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1165.01	TRUCK MOUNTED ATTENUATOR
1180.01	SKINNY-DRUMS
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





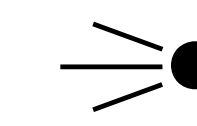

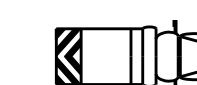

LEGEND

GENERAL




- ← DIRECTION OF TRAFFIC FLOW
- — — — — EXIST. PVMT.
- ↖ NORTH ARROW
- — — — — PROPOSED PVMT.



TRAFFIC CONTROL DEVICES

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

TEMPORARY SIGNING

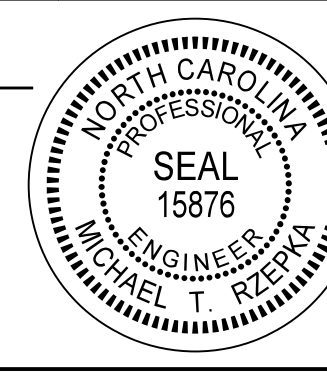

-  PORTABLE SIGN
-  STATIONARY SIGN
-  STATIONARY OR PORTABLE SIGN

PAVEMENT MARKINGS

- — — — — EXISTING LINES
- — — — — TEMPORARY LINES

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REVISIONS

APPROVED: <i>Michael T. Rzepka</i> DATE: 1/14/2022 SEAL 		<p>ROADWAY STANDARD DRAWINGS & LEGEND</p>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		

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 UNDESIRE 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-40	SUNDAY-SATURDAY, 5:00 A.M.-9:00 P.M. (SINGLE LANE CLOSURE) 5:00 A.M.-11:00 P.M. (DOUBLE LANE CLOSURE)
I-74	SUNDAY-SATURDAY, 5:00 A.M.-8:00 P.M.
SALEM PKWY. & CD	SUNDAY-SATURDAY, 5:00 A.M.-8:00 P.M.
US 52 & LOOPS	SUNDAY-SATURDAY, 5:00 A.M.-8:00 P.M.
SILAS CR. PKWY. & LOOPS	SUNDAY-SATURDAY, 5:00 A.M.-8:00 P.M.
UNION CROSS RD.	MONDAY-FRIDAY, 5:00 A.M.-9:00 A.M. 4:00 P.M.-7:00 P.M.

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

ROAD NAME
I-40
I-74
US 52
SALEM PKWY.
SILAS CR. PKWY.

HOLIDAY

- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 5:00 A.M. DECEMBER 31st TO 8:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 8:00 P.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 5:00 A.M. THURSDAY AND 8:00 P.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 5:00 A.M. FRIDAY TO 8:00 P.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 5:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 8:00 P.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 5:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 8:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, BETWEEN THE HOURS OF 5:00 A.M. FRIDAY AND 8:00 P.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 5:00 A.M. TUESDAY TO 8:00 P.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 5:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 8:00 P.M. 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-40	SUNDAY-SATURDAY,	30 MINUTES
I-74	5:00 A.M.-11:00PM	OVERHEAD BRIDGE WORK
SALEM PKWY.		

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 ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, 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 ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- 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.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- K) 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.
- L) 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.
- M) 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.
- N) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- O) 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

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

PAVEMENT MARKINGS AND MARKERS

- R) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:
- | ROAD NAME | MARKING | MARKER |
|-----------|---------|------------------|
| ALL | PAINT | TEMPORARY RAISED |
- S) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
- T) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

MISCELLANEOUS

- U) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.

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

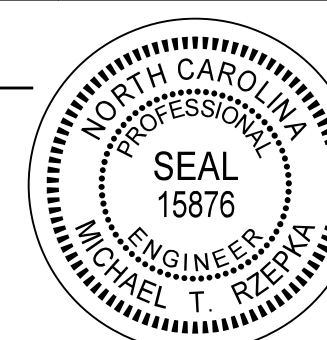
CONTRACTING & INNOVATIVE CONSTRUCTION STRATEGIES:
 INTERMEDIATE CONTRACT TIMES / LIQUIDATED DAMAGES

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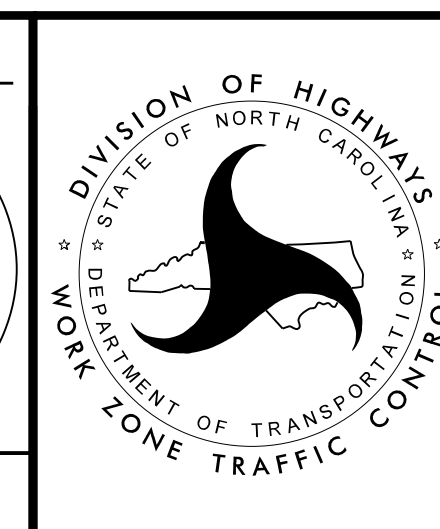
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DATE: 1/14/2022

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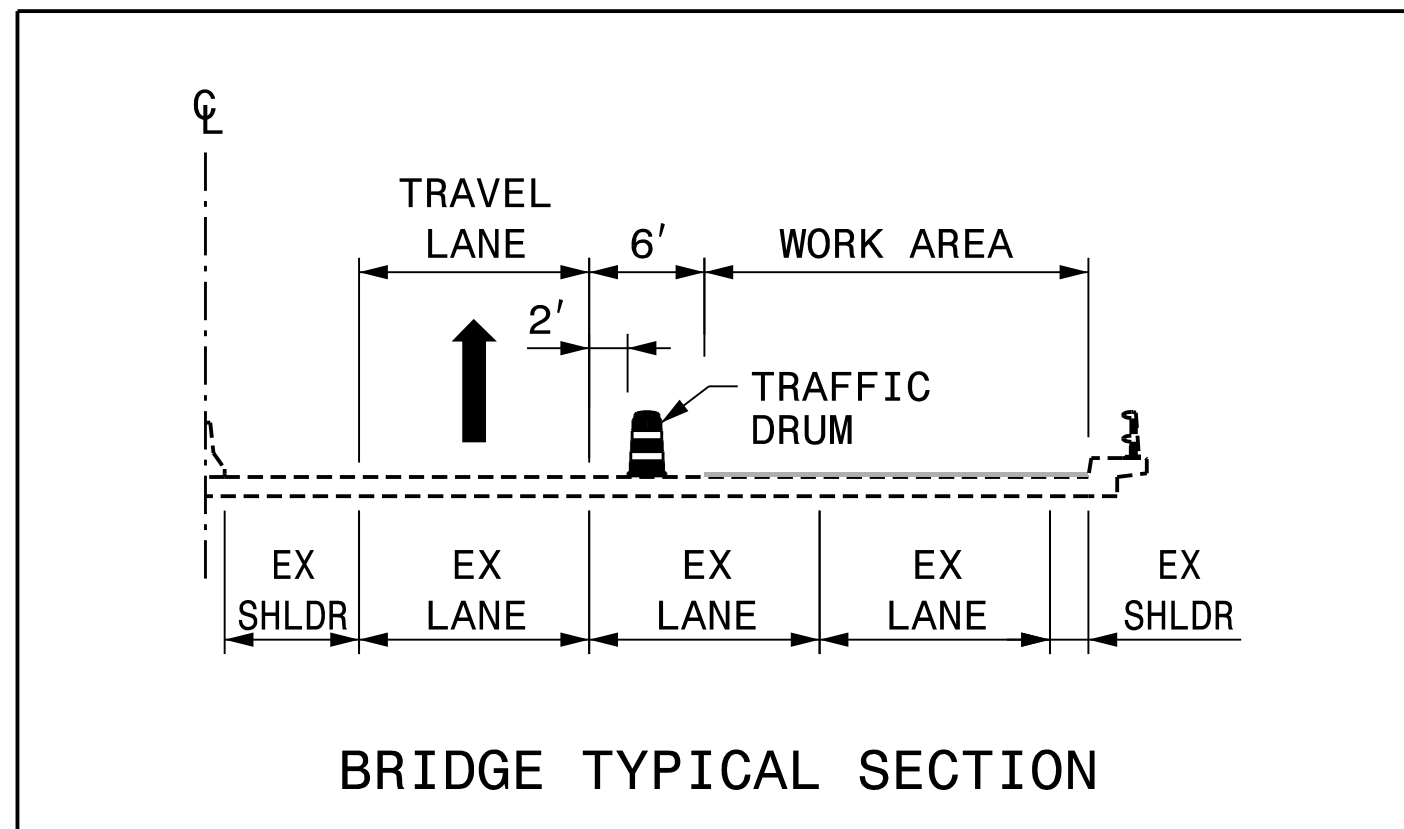
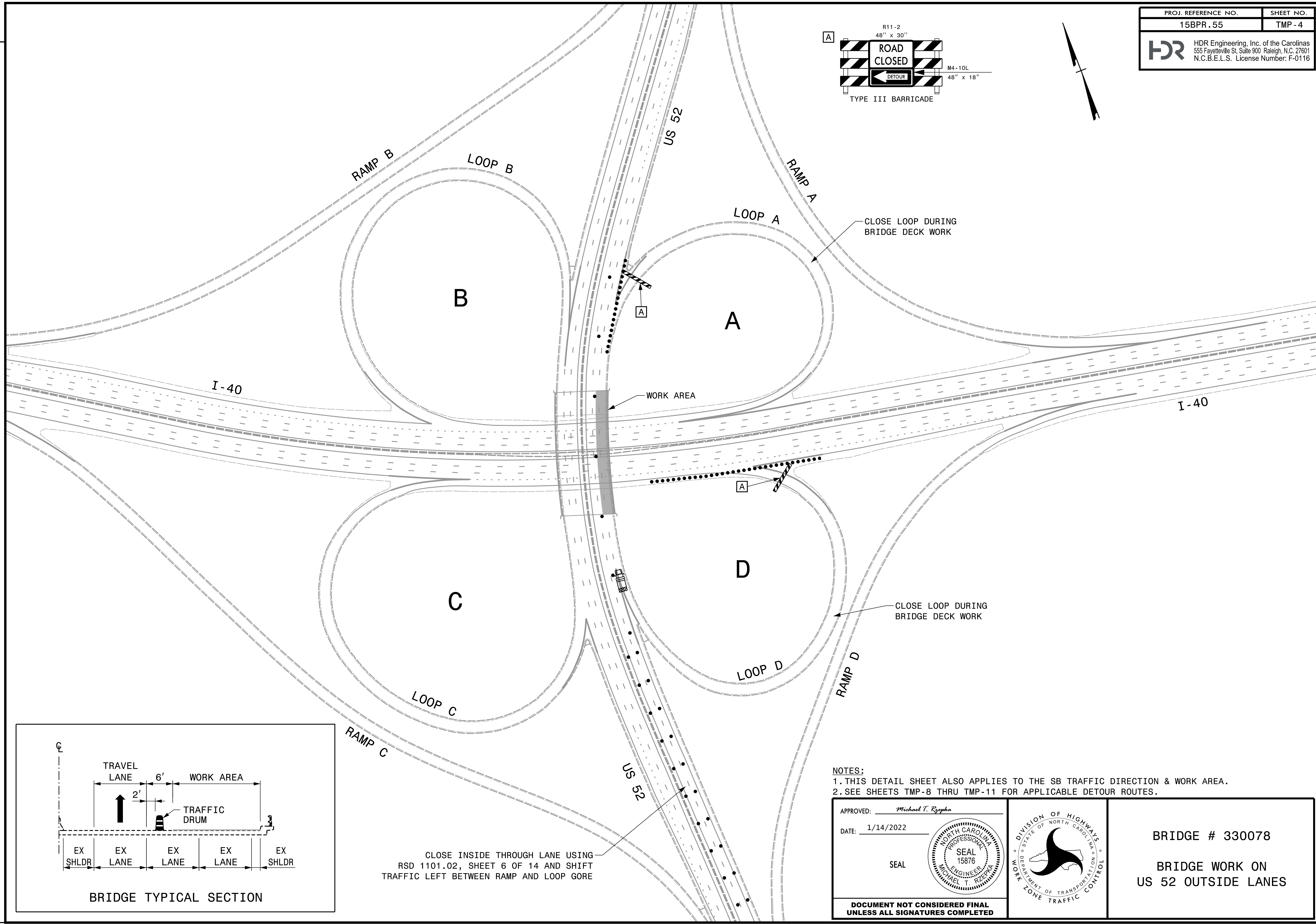
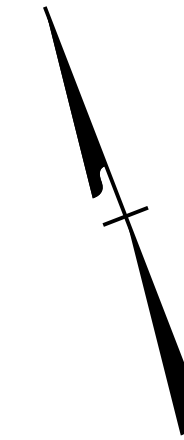
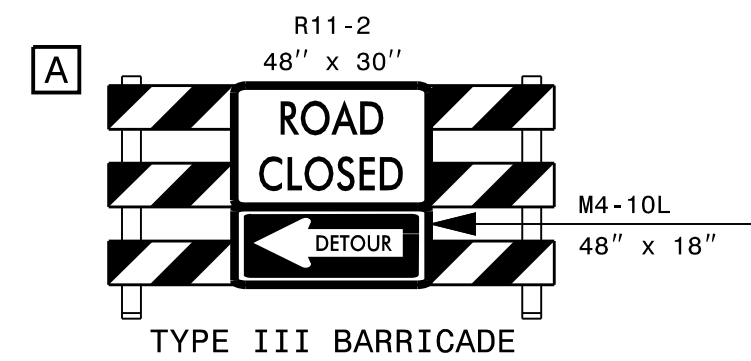
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TRANSPORTATION
OPERATIONS PLAN

REVISONS

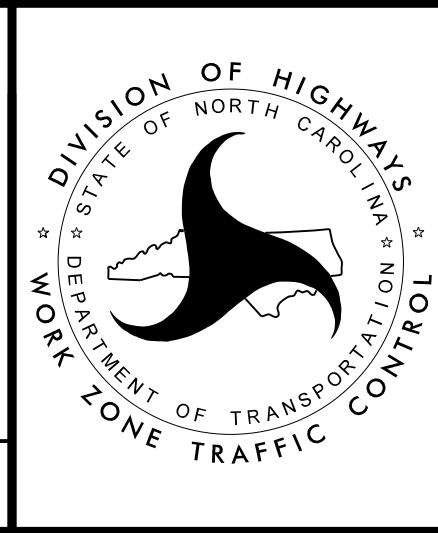
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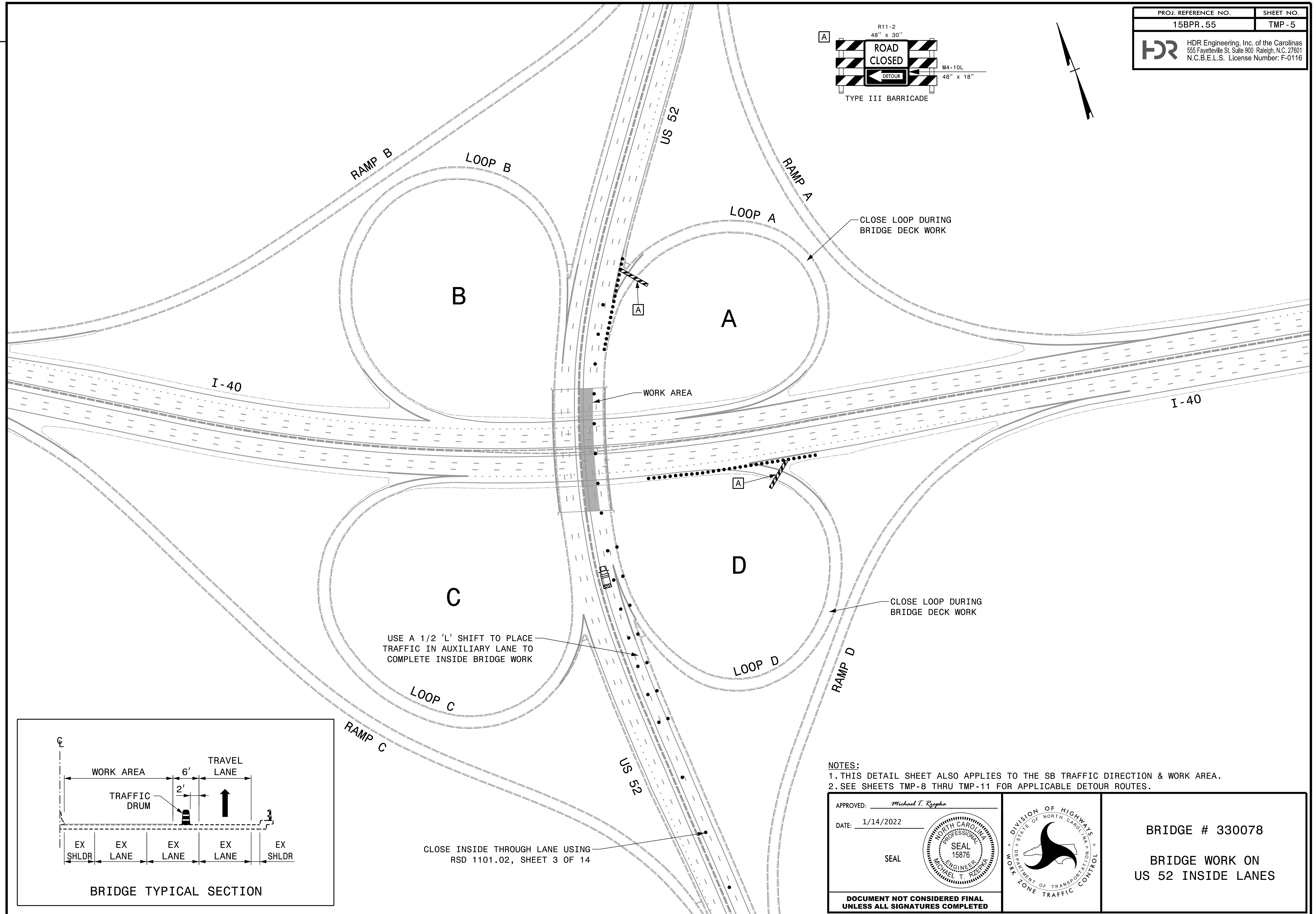
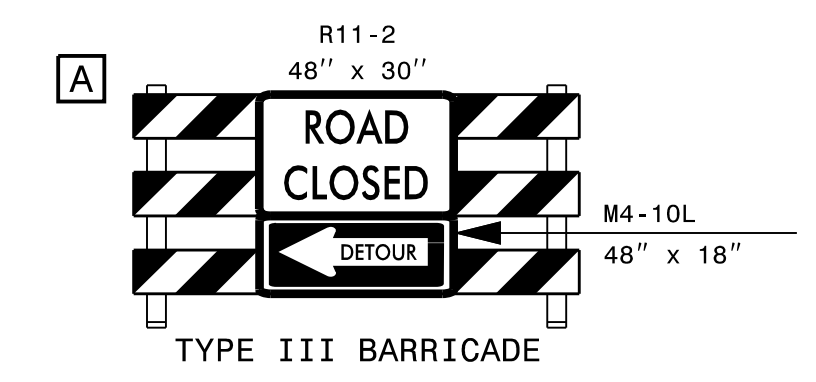
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RSD 1101.02, SHEET 6 OF 14 AND SHIFT
TRAFFIC LEFT BETWEEN RAMP AND LOOP GORE

- NOTES:
1. THIS DETAIL SHEET ALSO APPLIES TO THE SB TRAFFIC DIRECTION & WORK AREA.
2. SEE SHEETS TMP-8 THRU TMP-11 FOR APPLICABLE DETOUR ROUTES.

APPROVED: <i>Michael T. Rzepka</i>
DATE: 1/14/2022
SEAL
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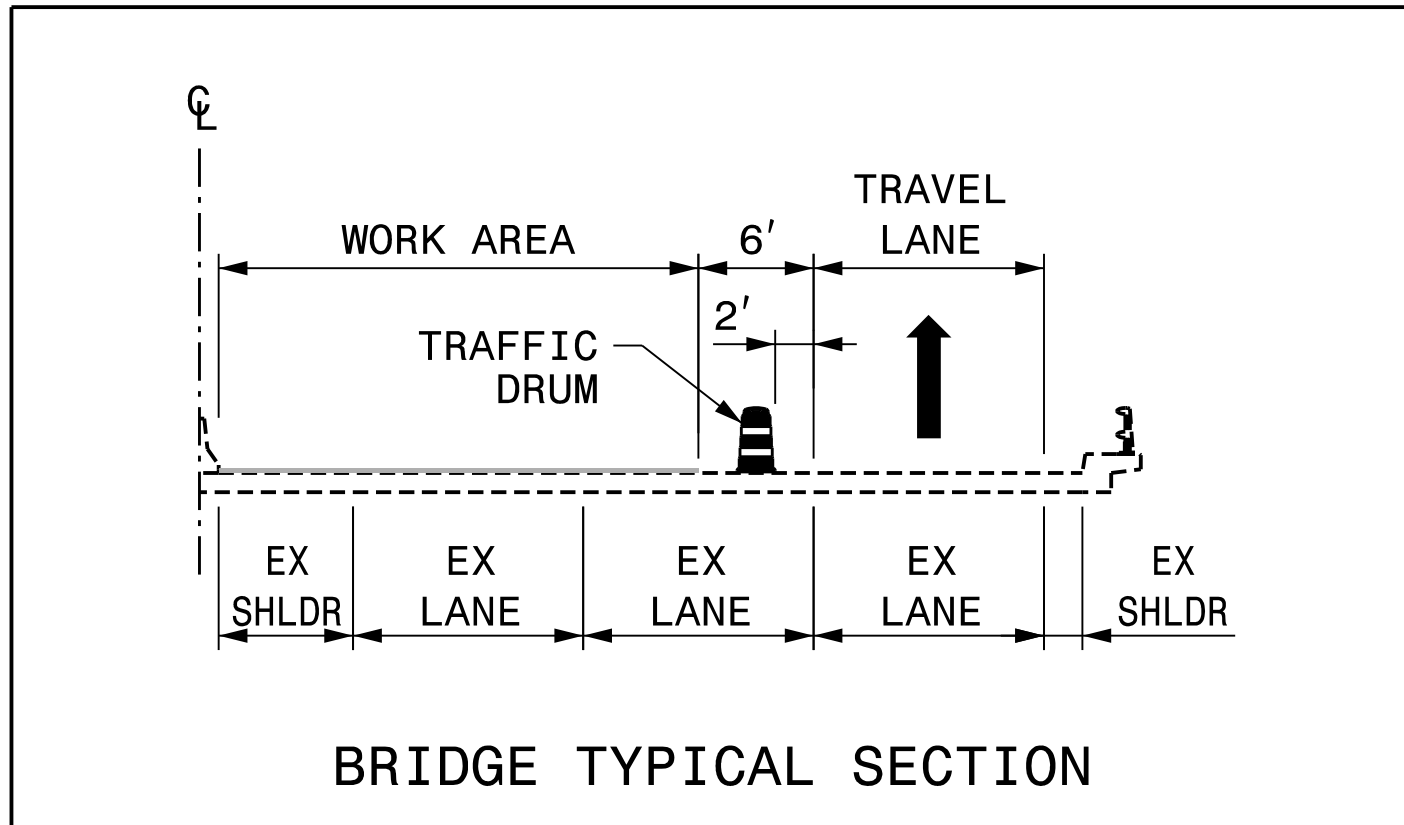


BRIDGE # 330078
BRIDGE WORK ON
US 52 OUTSIDE LANES



REVISITONS

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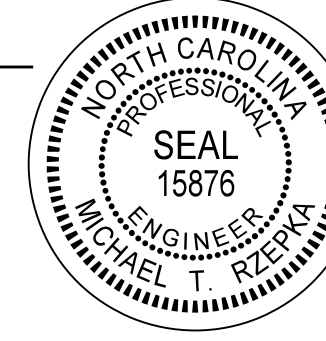
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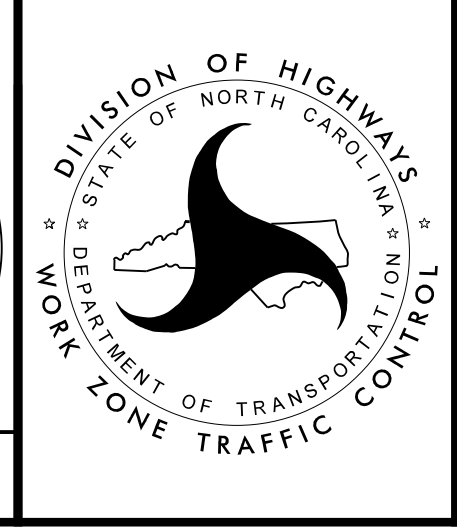
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APPROVED: *Michael T. Rzepka*
 DATE: 1/14/2022

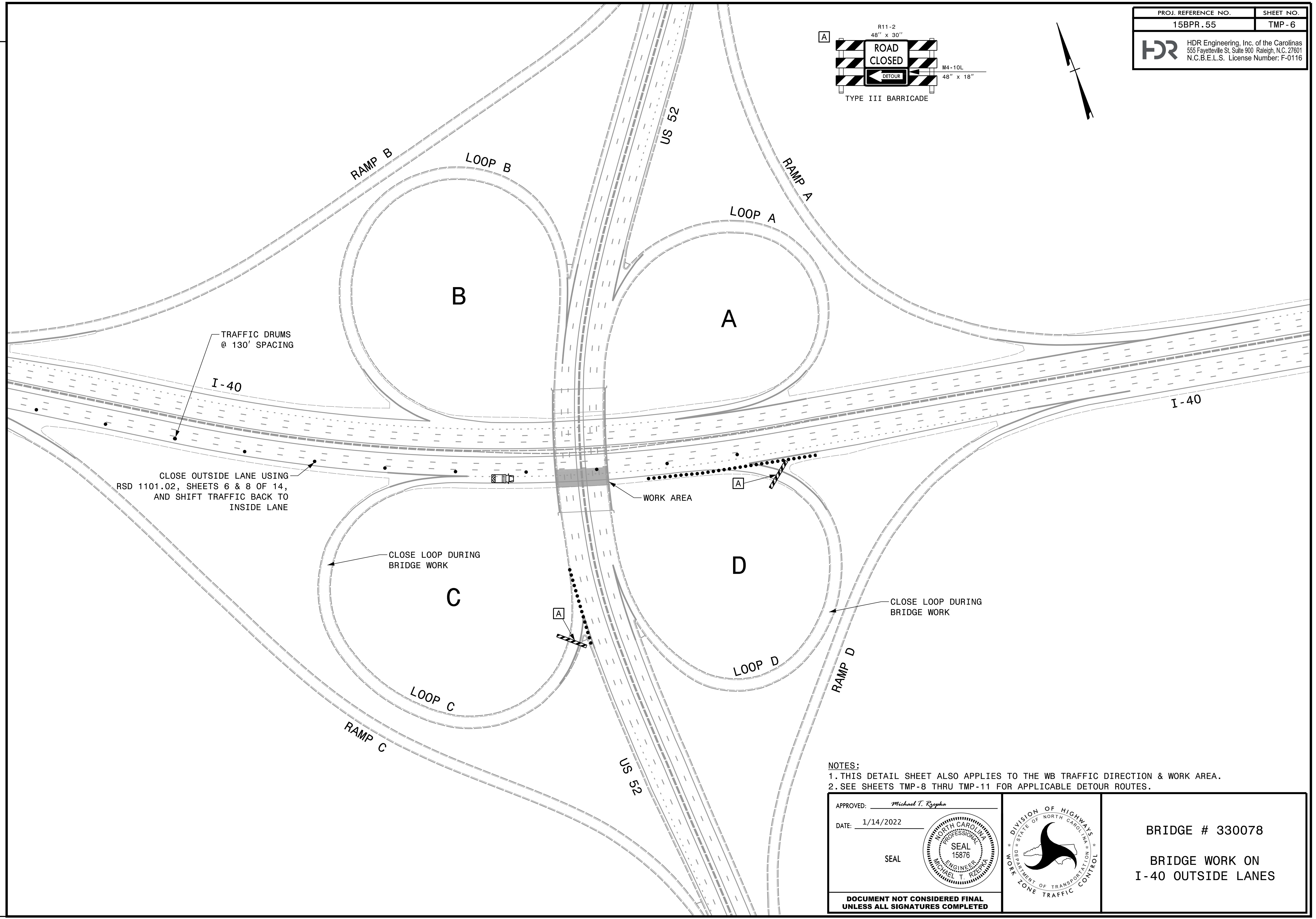
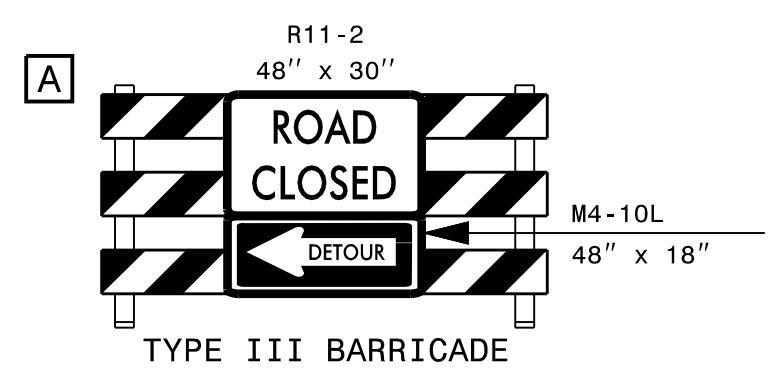
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BRIDGE # 330078
 BRIDGE WORK ON
 US 52 INSIDE LANES

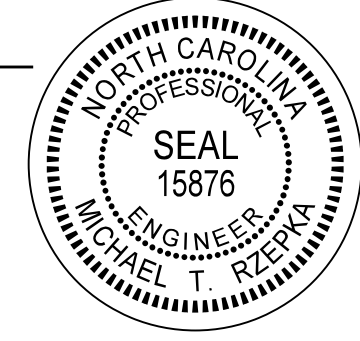


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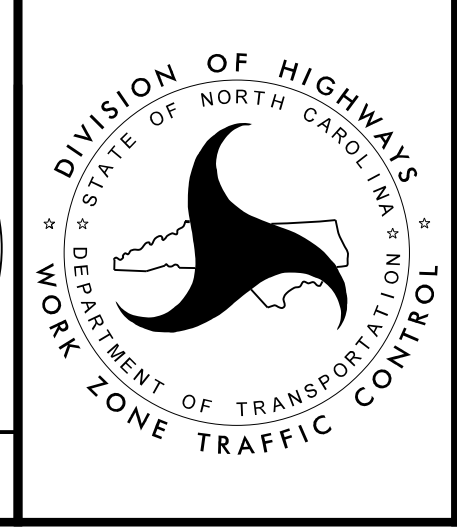
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NOTES:
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APPROVED: *Michael T. Rzepka*
 DATE: 1/14/2022
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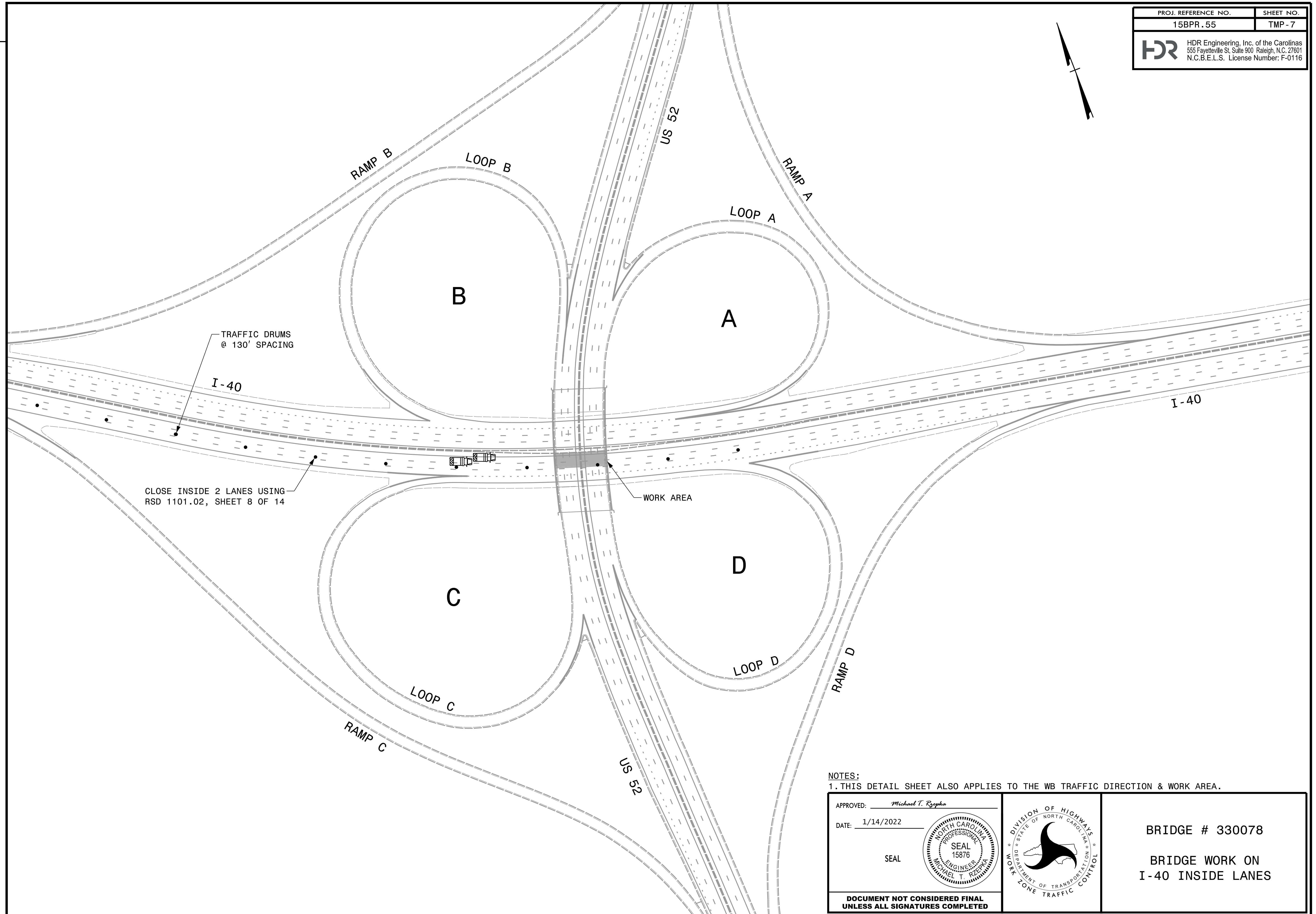
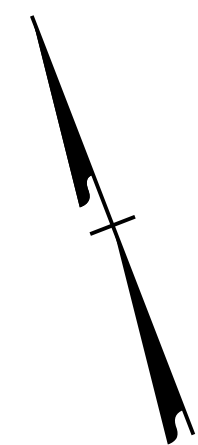


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UNLESS ALL SIGNATURES COMPLETED**



BRIDGE # 330078

**BRIDGE WORK ON
I-40 OUTSIDE LANES**



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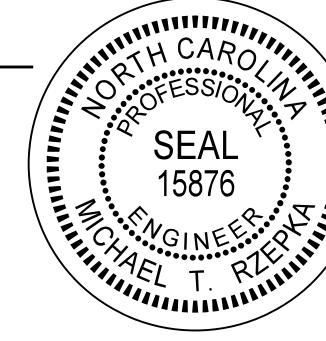
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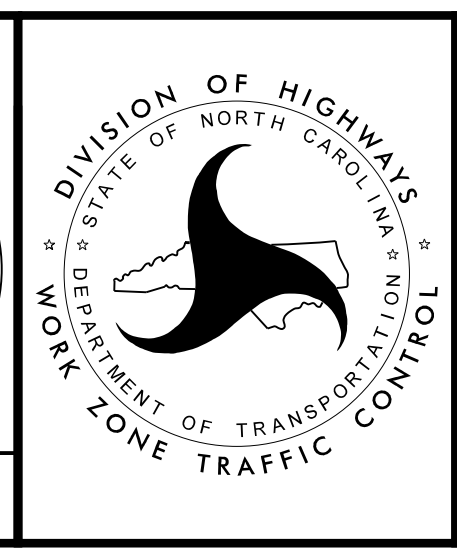
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DATE: 1/14/2022

SEAL



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BRIDGE # 330078

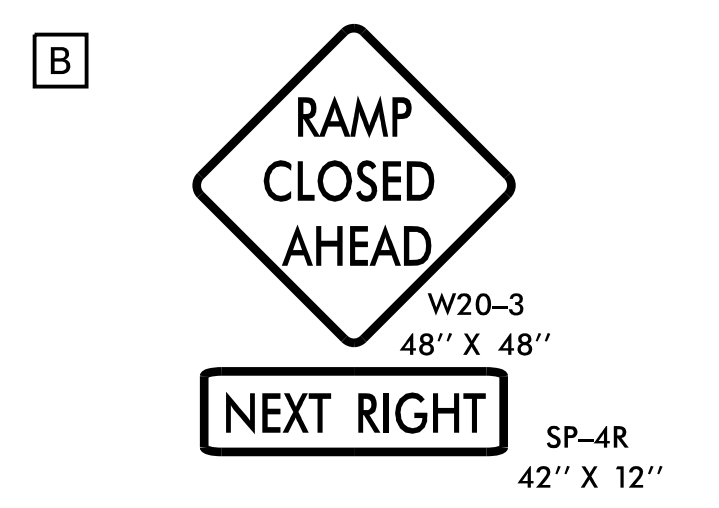
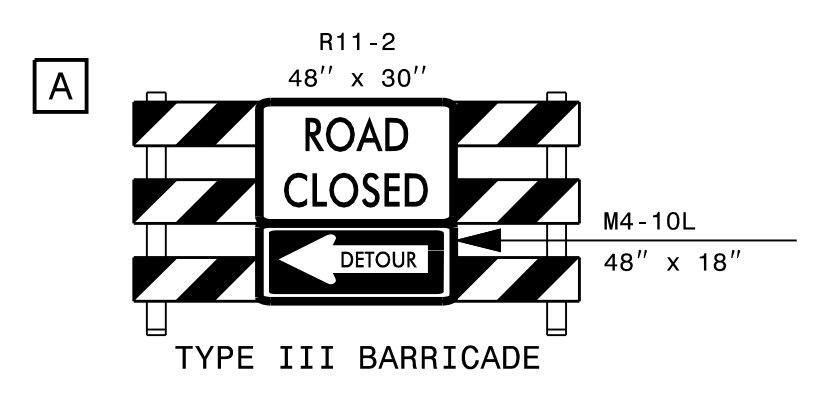
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I-40 INSIDE LANES

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REVISIONS

PROJ. REFERENCE NO.	SHEET NO.
15BPR.55	TMP-8

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



CMS 1

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

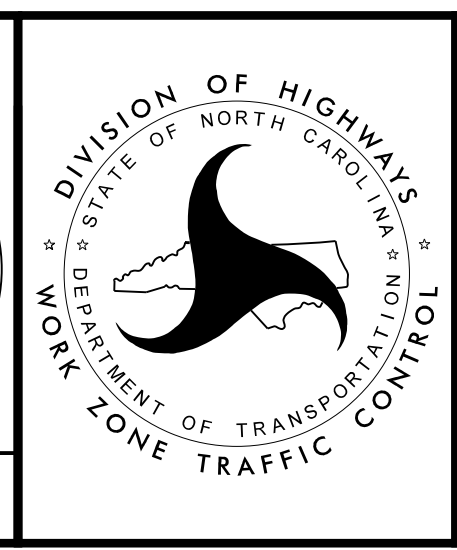
CHANGEABLE MESSAGE SIGN

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

APPROVED: *Michael T. Rzepka*
 DATE: 1/14/2022

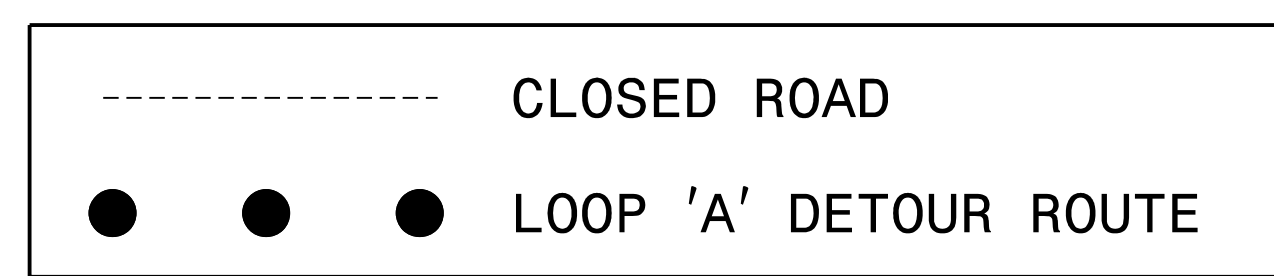
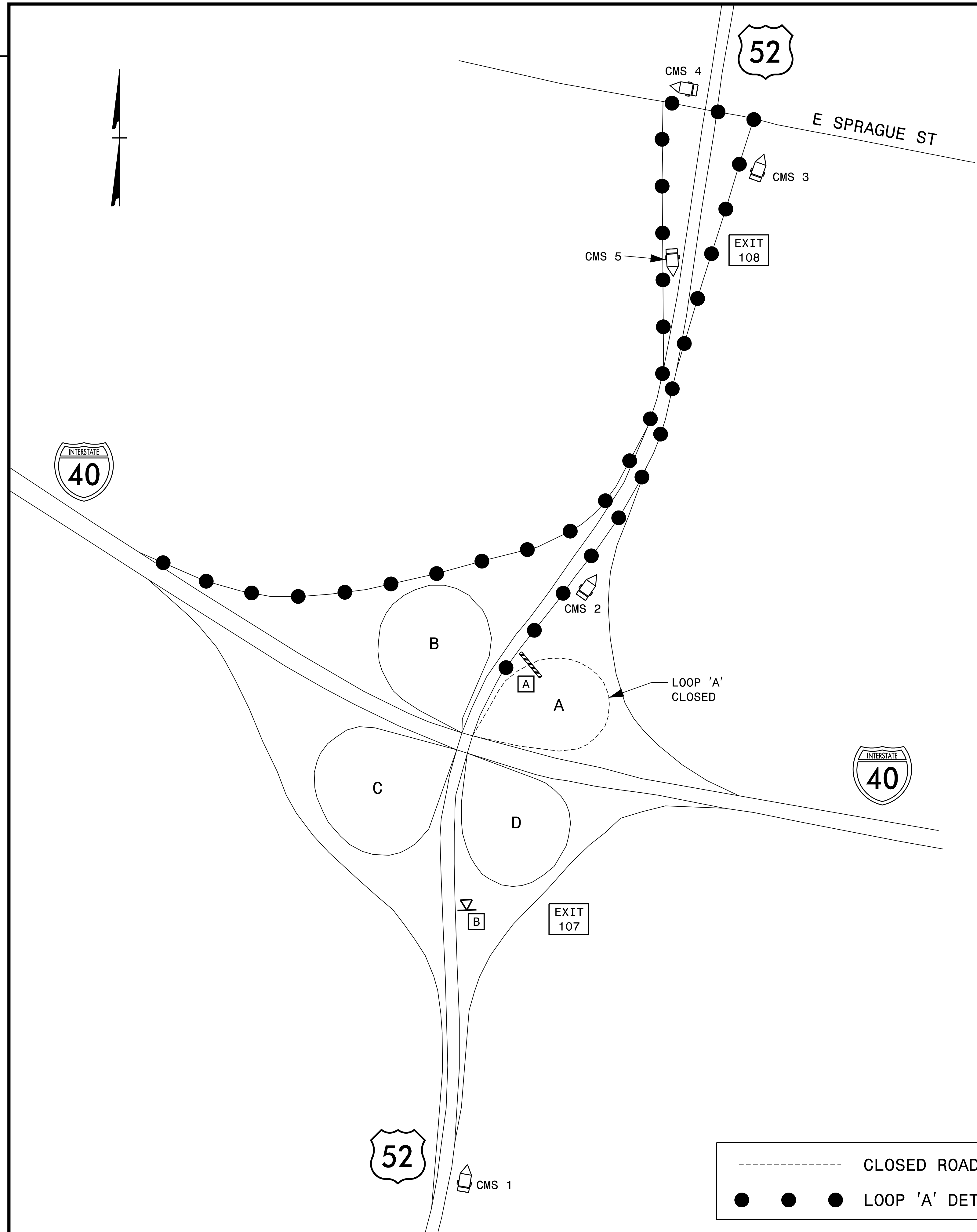
SEAL

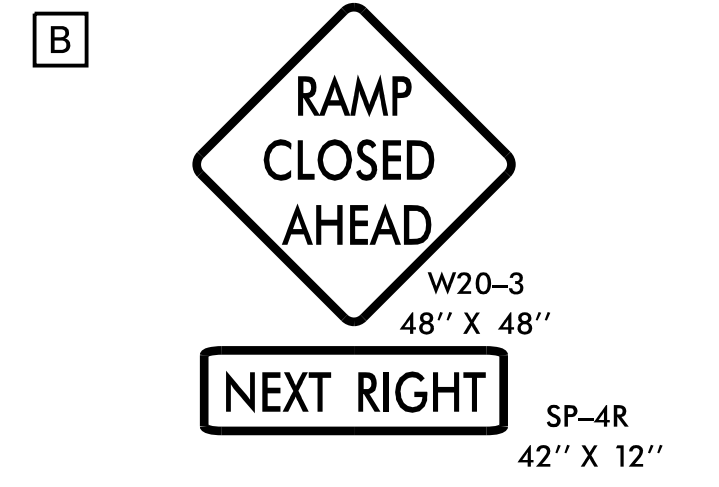
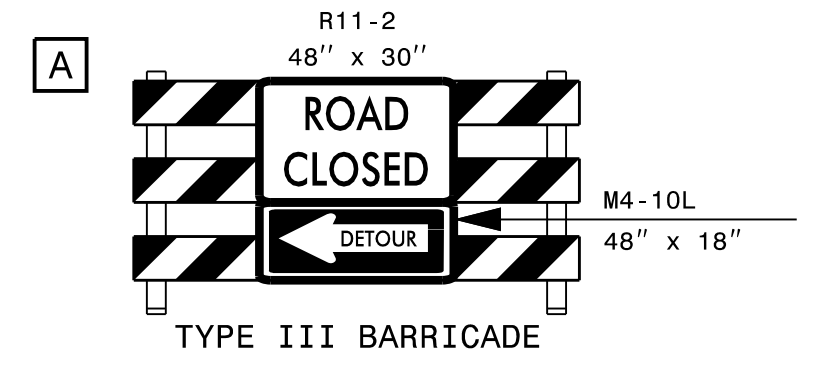
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



BRIDGE # 330078

US 52
 LOOP 'A'
 OVERNIGHT CLOSURE





CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
US 52 S EXIT CLOSED	FOLLOW DETOUR AHEAD

CHANGEABLE MESSAGE SIGN

CMS 2

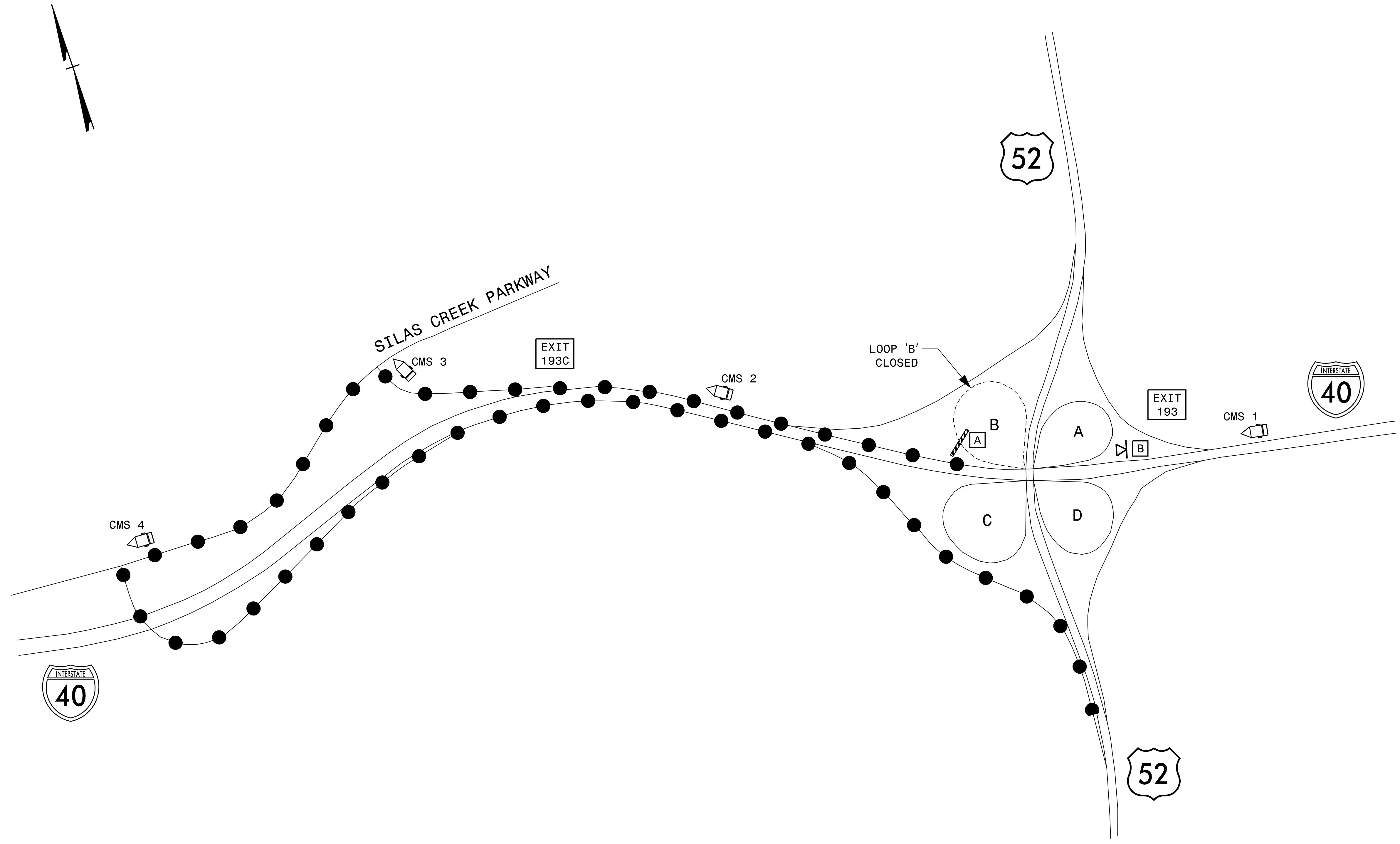
MESSAGE NO. 1	MESSAGE NO. 2
US 52 SOUTH DETOUR	USE EXIT 193C

CHANGEABLE MESSAGE SIGN

CMS 3 & 4

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

CHANGEABLE MESSAGE SIGN

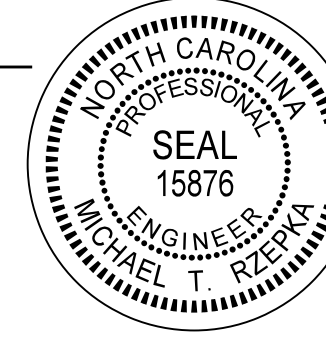


NOTES:
 1. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
 2. DELINEATE CMS BOARD WITH DRUMS.

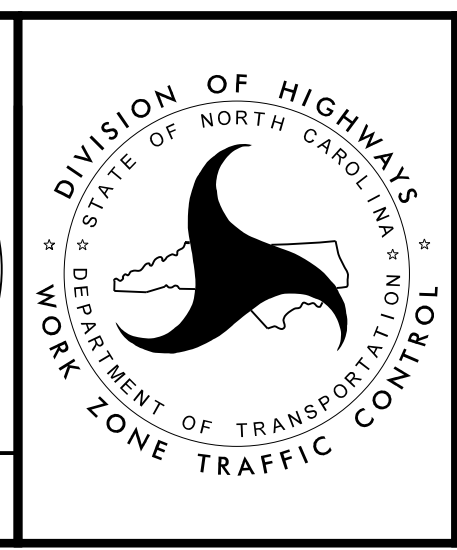
APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

SEAL

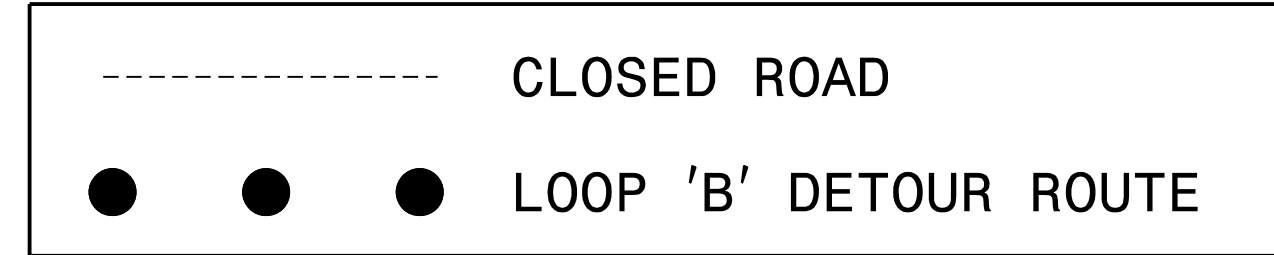


**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



BRIDGE # 330078

US 52
LOOP 'B'
OVERNIGHT CLOSURE

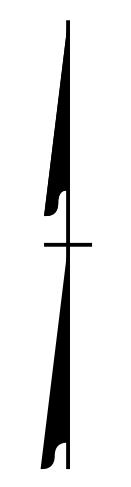
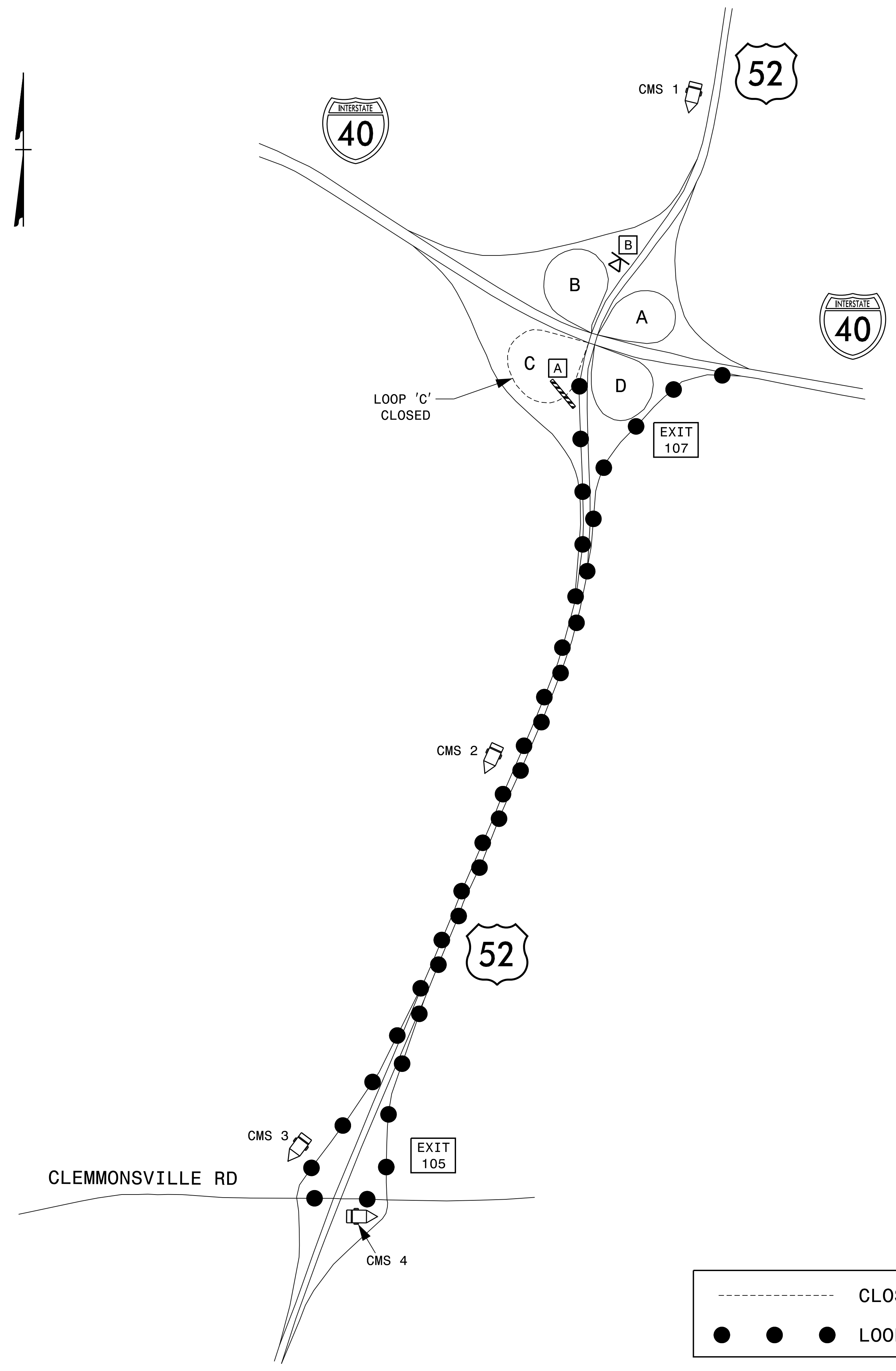


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 TIME: 1:46:57 PM
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REVISIONS

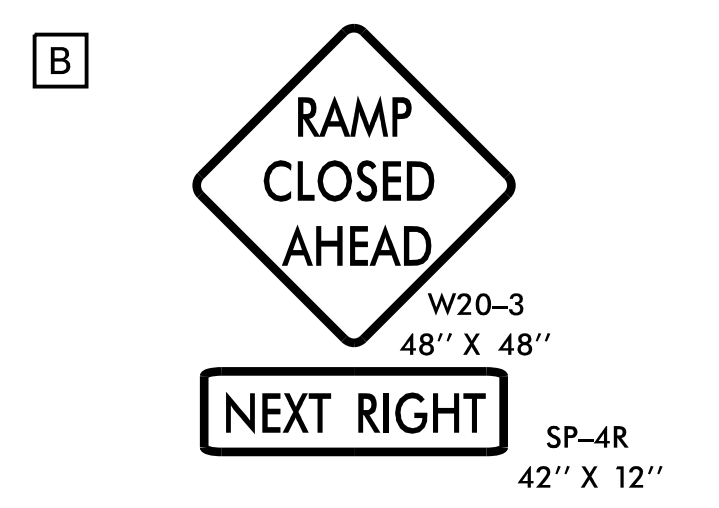
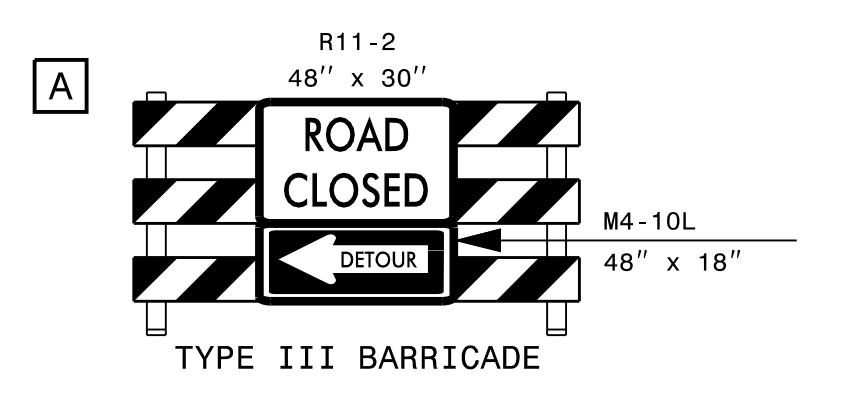
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 USER: BSCOTT
 DATE: 1/14/2022
 TIME: 1:47:59 PM
 FILE: p:\p\hndr\users\01\HDR_US_East_01\Documents\3322\1032846\6.0_CAD_BIM\6.2_WIP\Traffic\TrafficControl\TCP\Sfr\330078_330078_TC_TMP-10.dgn

REVISIONS



PROJ. REFERENCE NO.	SHEET NO.
15BPR.55	TMP-10

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 N.C.B.E.L.S. License Number: F-0116



CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
I-40 E EXIT 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

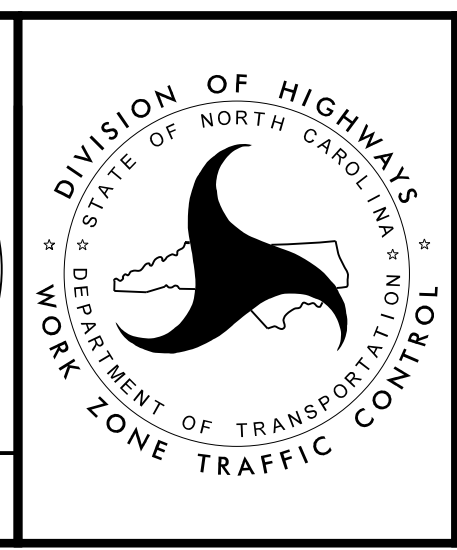
NOTES:
 1. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
 2. DELINEATE CMS BOARD WITH DRUMS.

APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

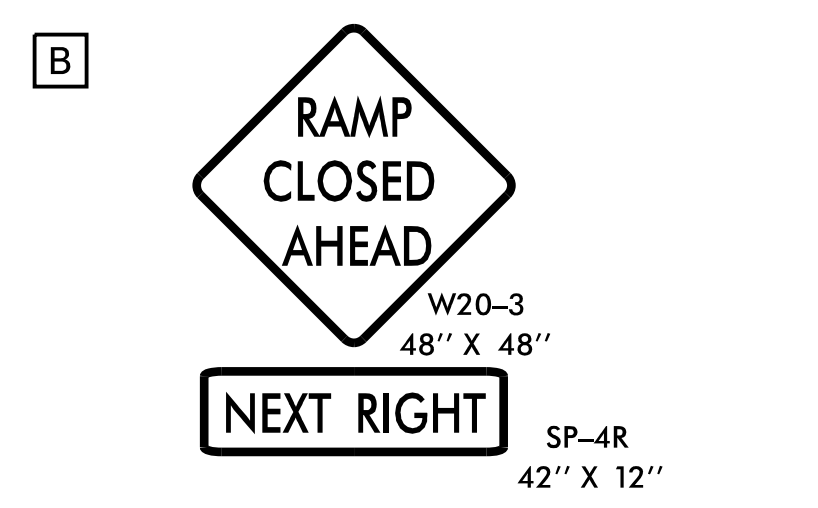
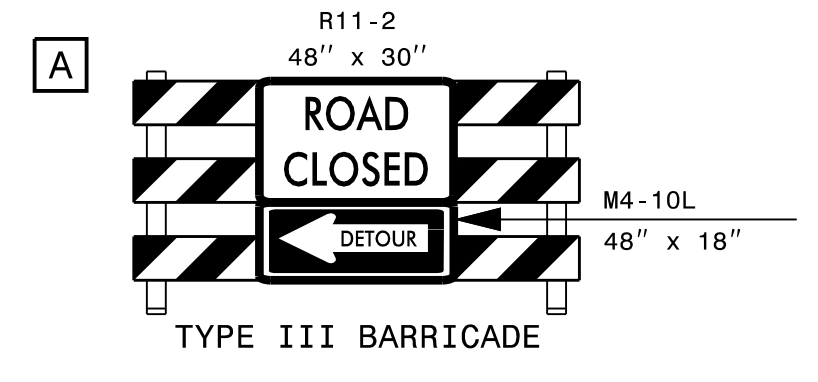
SEAL

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



BRIDGE # 330078

US 52
 LOOP 'C'
 OVERNIGHT CLOSURE



CMS 1

MESSAGE NO. 1 US 52 N EXIT CLOSED	MESSAGE NO. 2 FOLLOW DETOUR AHEAD
--	--

CHANGEABLE MESSAGE SIGN

CMS 2

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

CHANGEABLE MESSAGE SIGN

CMS 3 & 4

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

CHANGEABLE MESSAGE SIGN

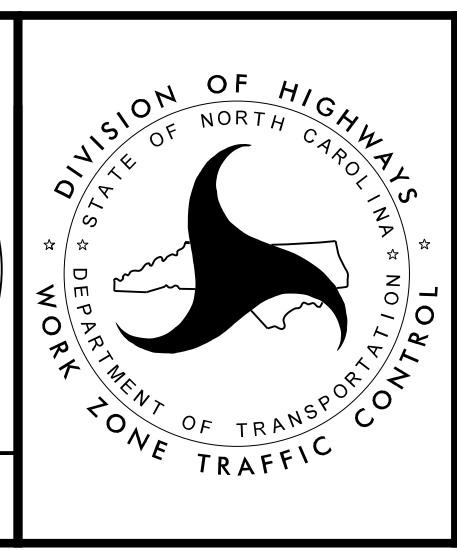
NOTES:
 1. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
 2. DELINEATE CMS BOARD WITH DRUMS.

APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

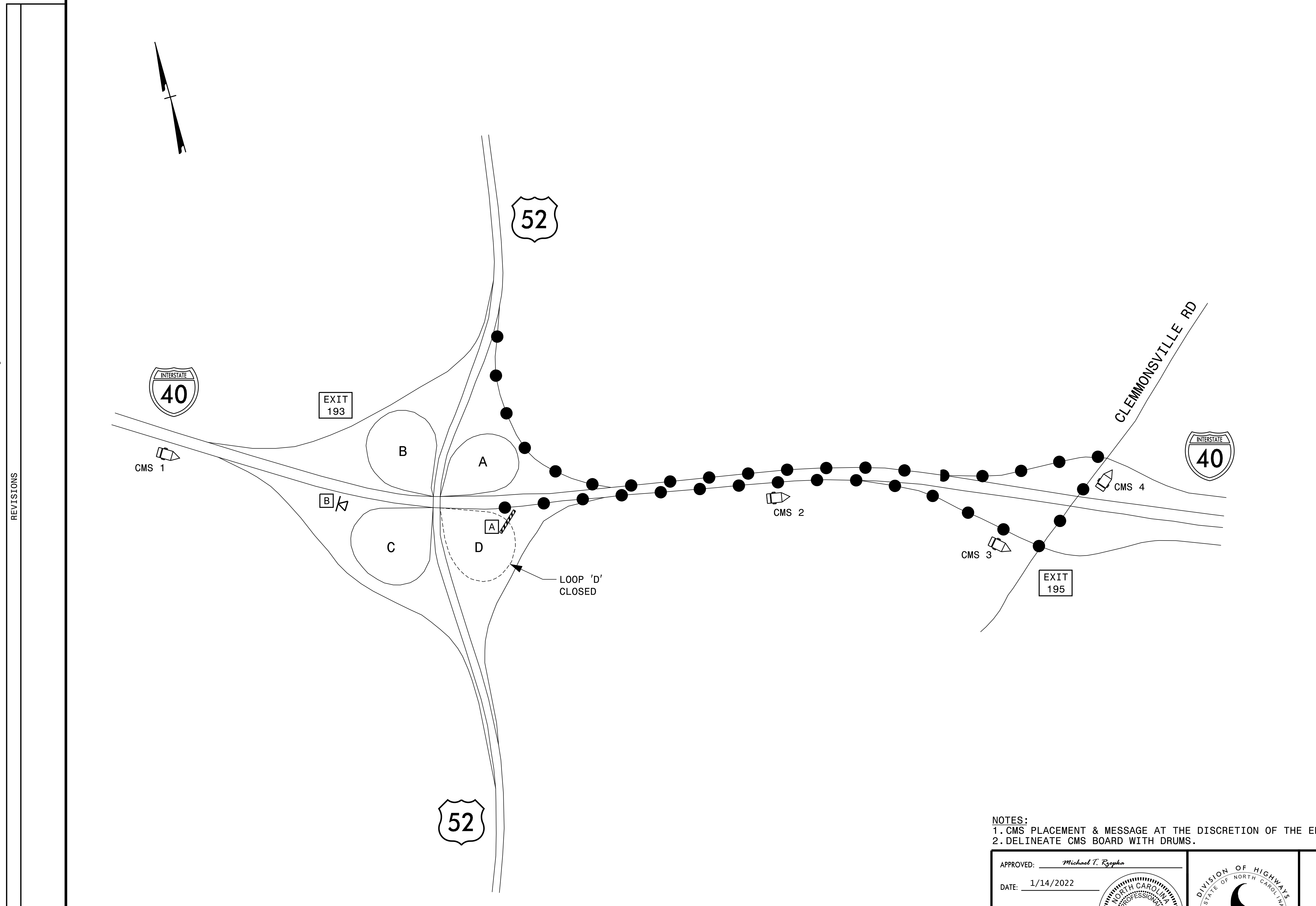
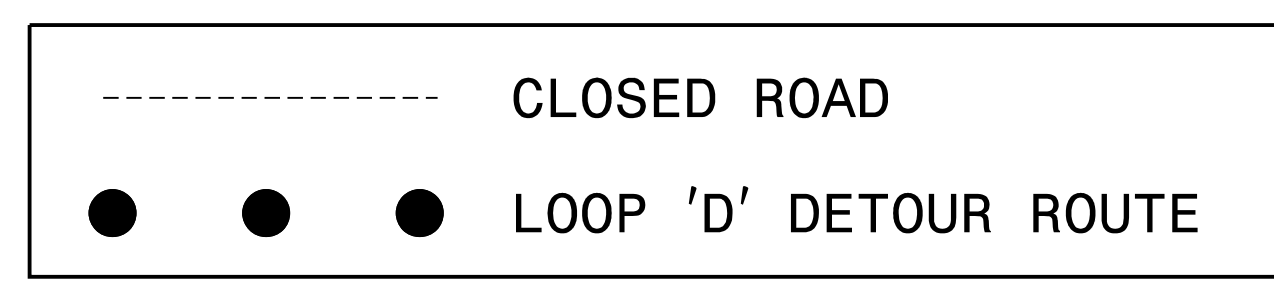
SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED




BRIDGE # 330078

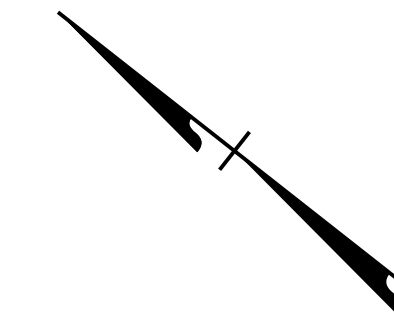
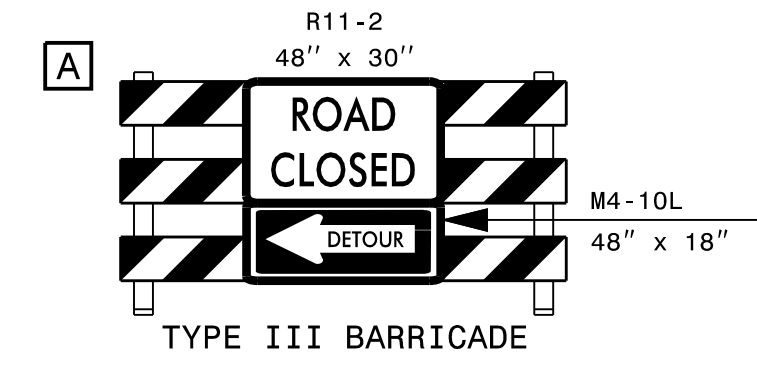
**US 52
LOOP 'D'
OVERNIGHT CLOSURE**



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 USER: BSCOTT DATE: 1/14/2022 TIME: 1:49:04 PM
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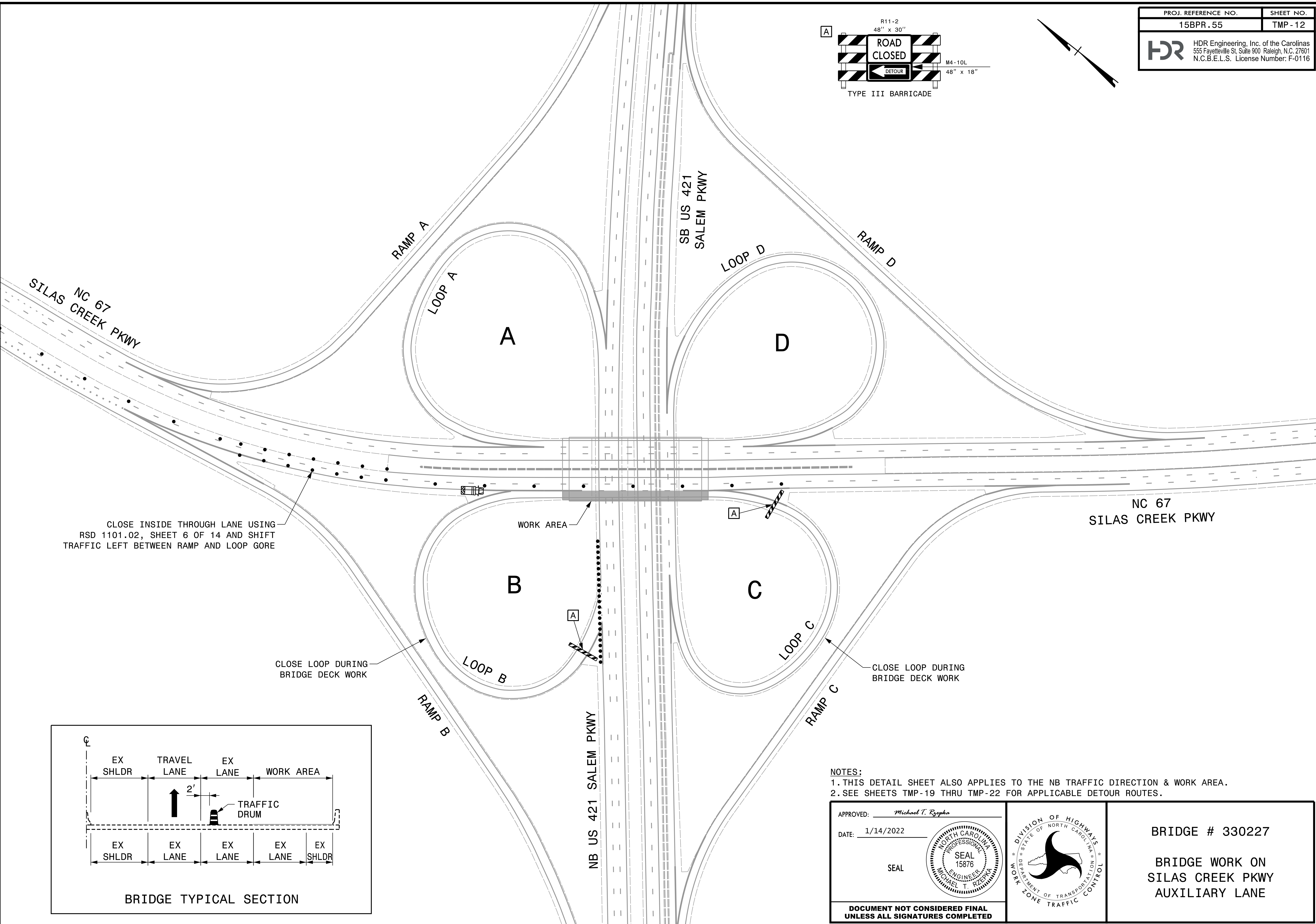
REVISIONS

PROJ. REFERENCE NO. 15BPR.55	SHEET NO. TMP-12
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St., Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	



REVISONS

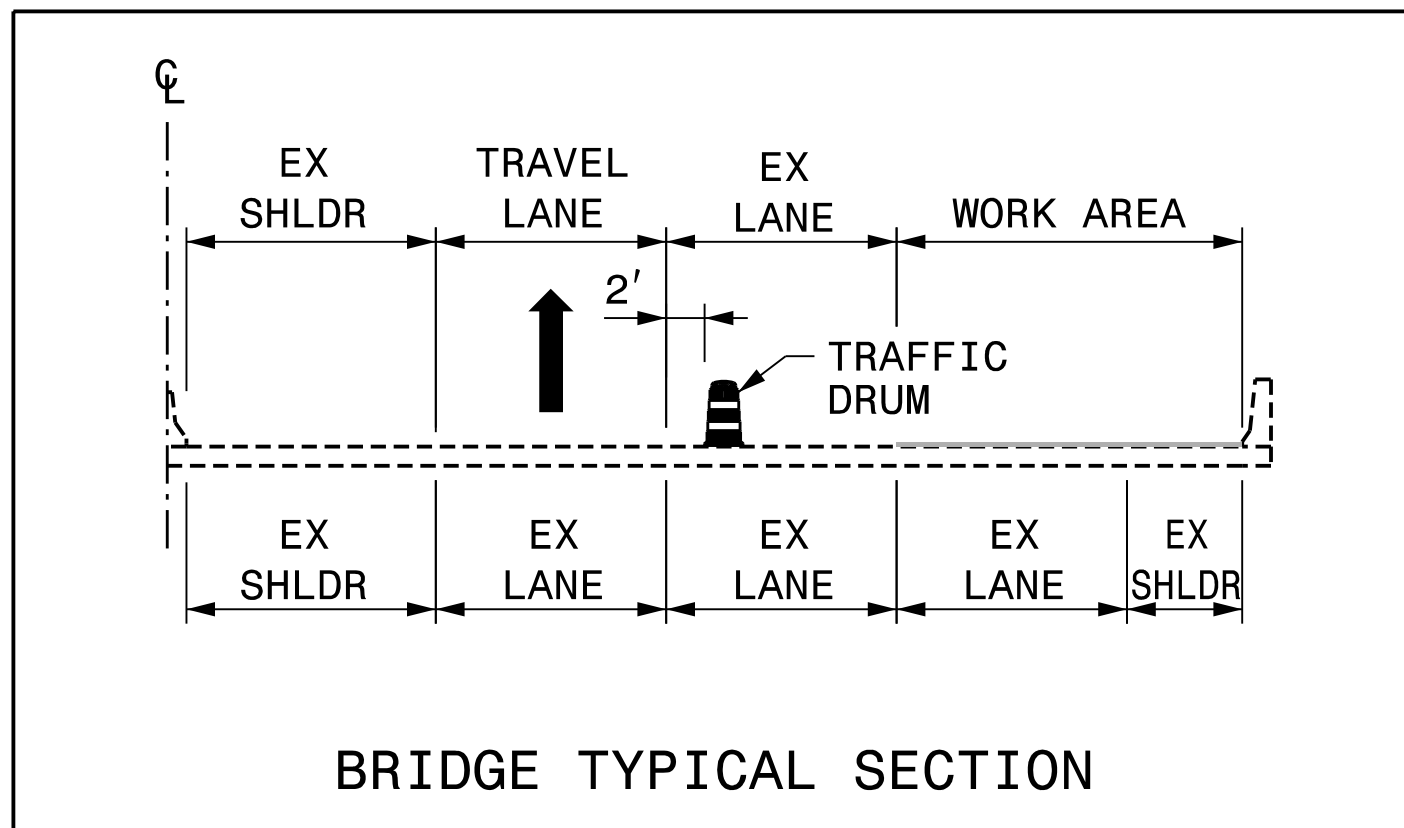
PLOT DRIVER: NCDOT_pdf_color_eng_50.plt
 USER: BSCOTT
 DATE: 1/14/2022
 TIME: 9:41:01 AM
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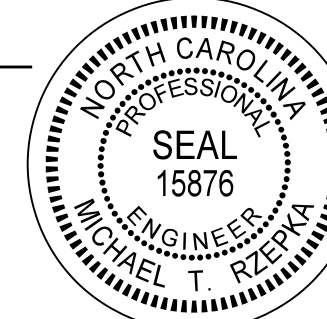

CLOSE INSIDE THROUGH LANE USING
RSD 1101.02, SHEET 6 OF 14 AND SHIFT
TRAFFIC LEFT BETWEEN RAMP AND LOOP GORE

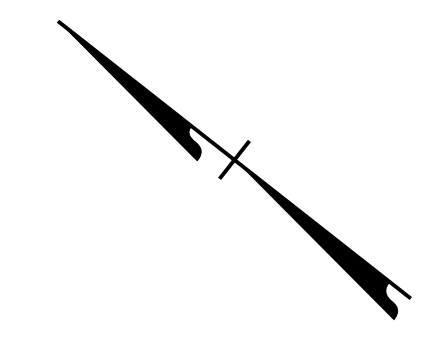
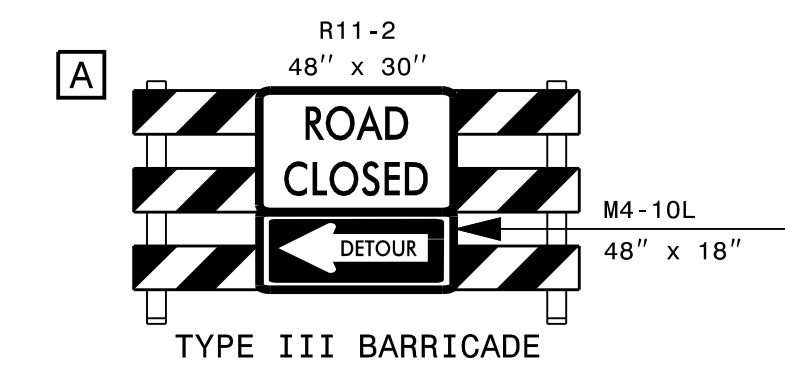
CLOSE LOOP DURING
BRIDGE DECK WORK

CLOSE LOOP DURING
BRIDGE DECK WORK



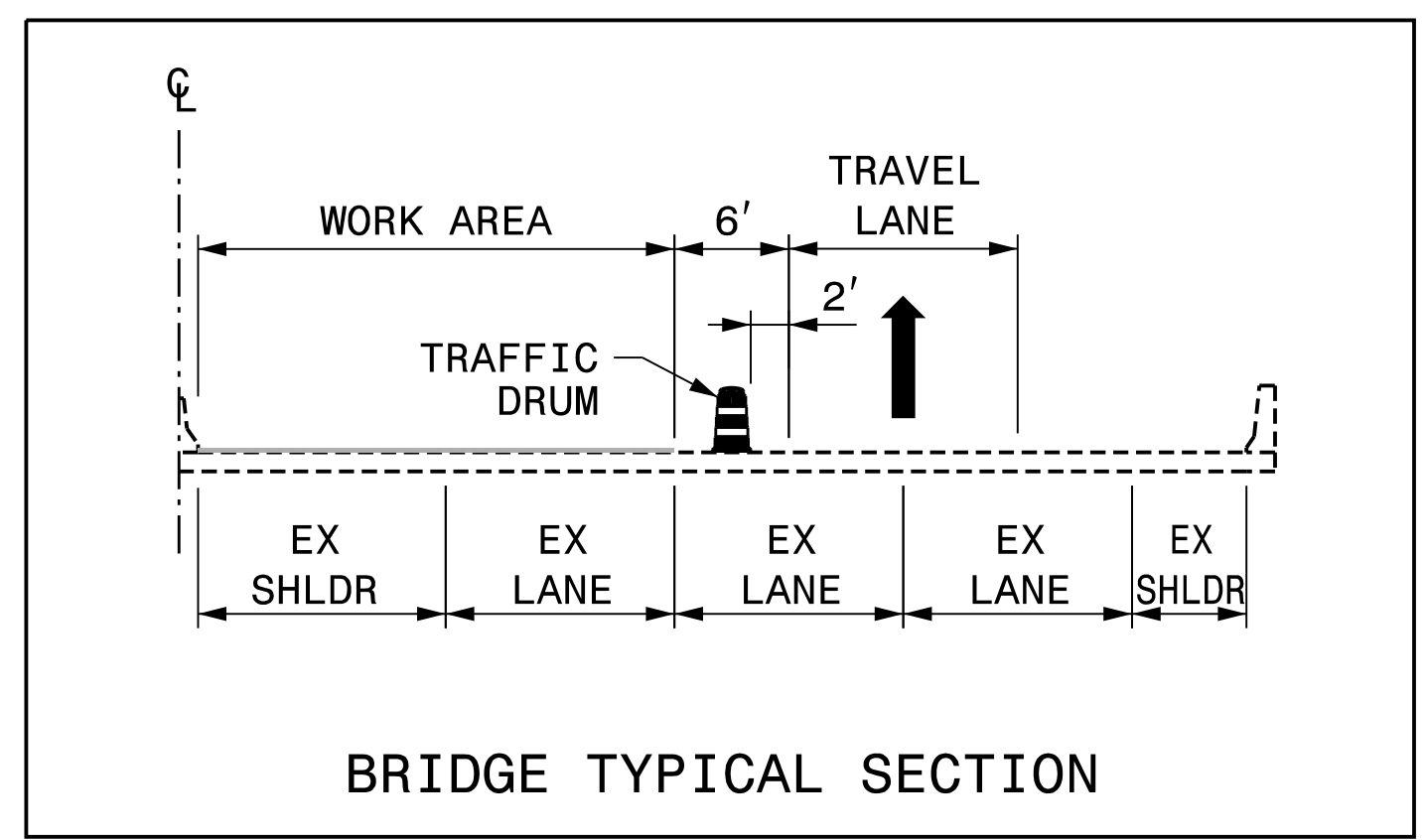
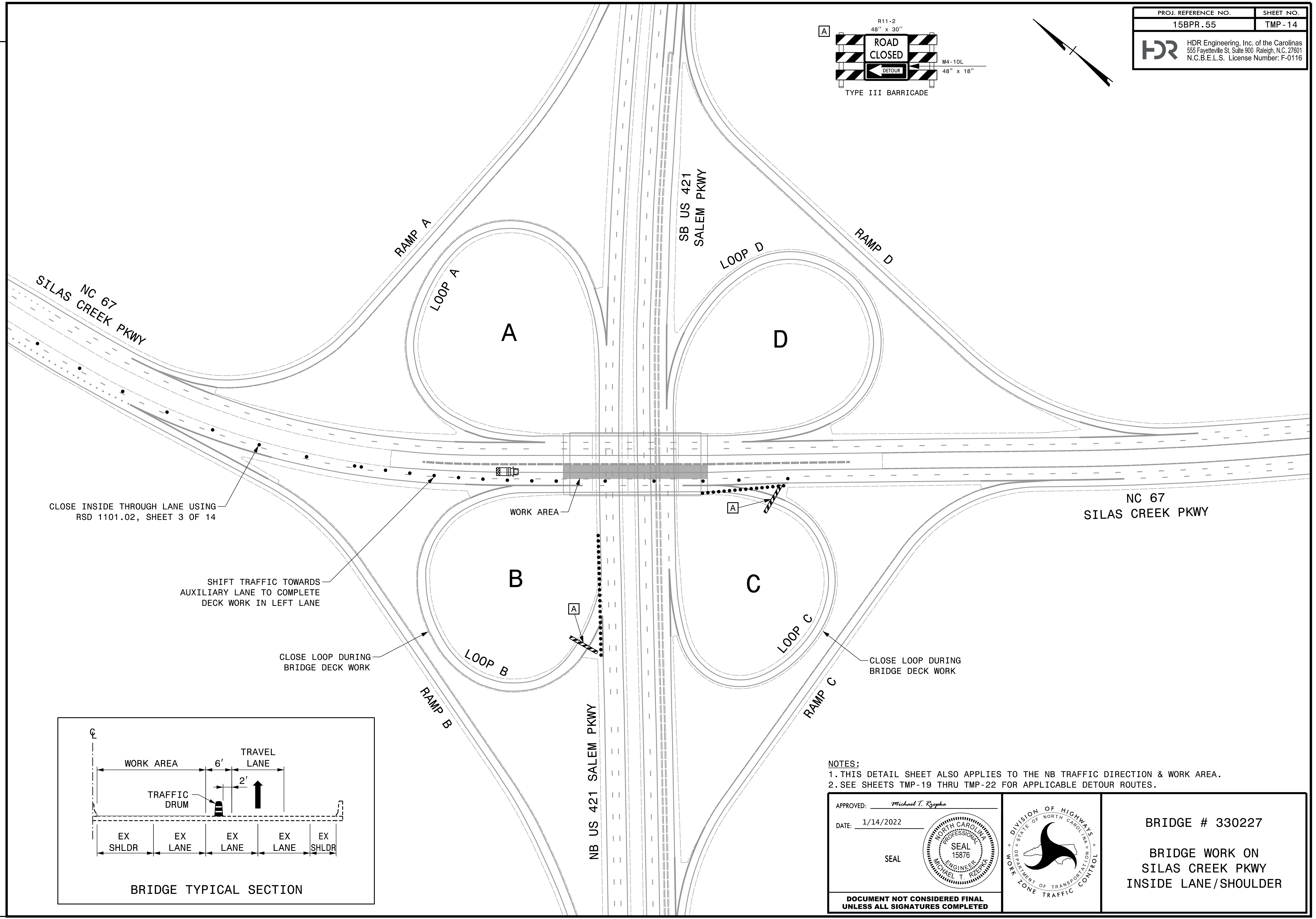
- NOTES:**
- 1. THIS DETAIL SHEET ALSO APPLIES TO THE NB TRAFFIC DIRECTION & WORK AREA.
 - 2. SEE SHEETS TMP-19 THRU TMP-22 FOR APPLICABLE DETOUR ROUTES.

APPROVED: <i>Michael T. Rzepka</i> DATE: 1/14/2022			BRIDGE # 330227 BRIDGE WORK ON SILAS CREEK PKWY AUXILIARY LANE
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

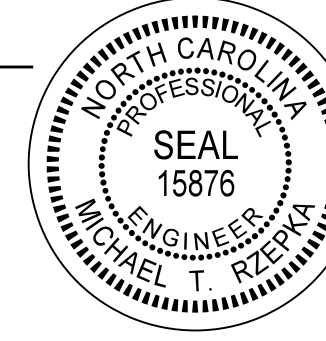


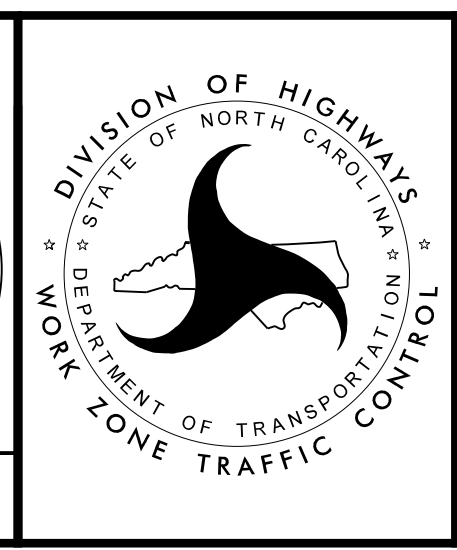
REVISIONS

PLOT DRIVER: NCDOT_pdf_color_eng_50.pit
 USER: BSCOTT
 PENTABLE: NCDOT_tcp.tbl
 DATE: 1/14/2022
 TIME: 9:41:16 AM
 FILE: p:\p\h\p\users\h\p\US_East_01\Documents\3322\1032846\16.0_CAD_BIM\6.2_WIP\Traffic\TrafficControl\TCP_Shr*330227_330227_TC_TMP-14.dgn



NOTES:
 1. THIS DETAIL SHEET ALSO APPLIES TO THE NB TRAFFIC DIRECTION & WORK AREA.
 2. SEE SHEETS TMP-19 THRU TMP-22 FOR APPLICABLE DETOUR ROUTES.

APPROVED: <i>Michael T. Rzepka</i>
DATE: 1/14/2022
SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED




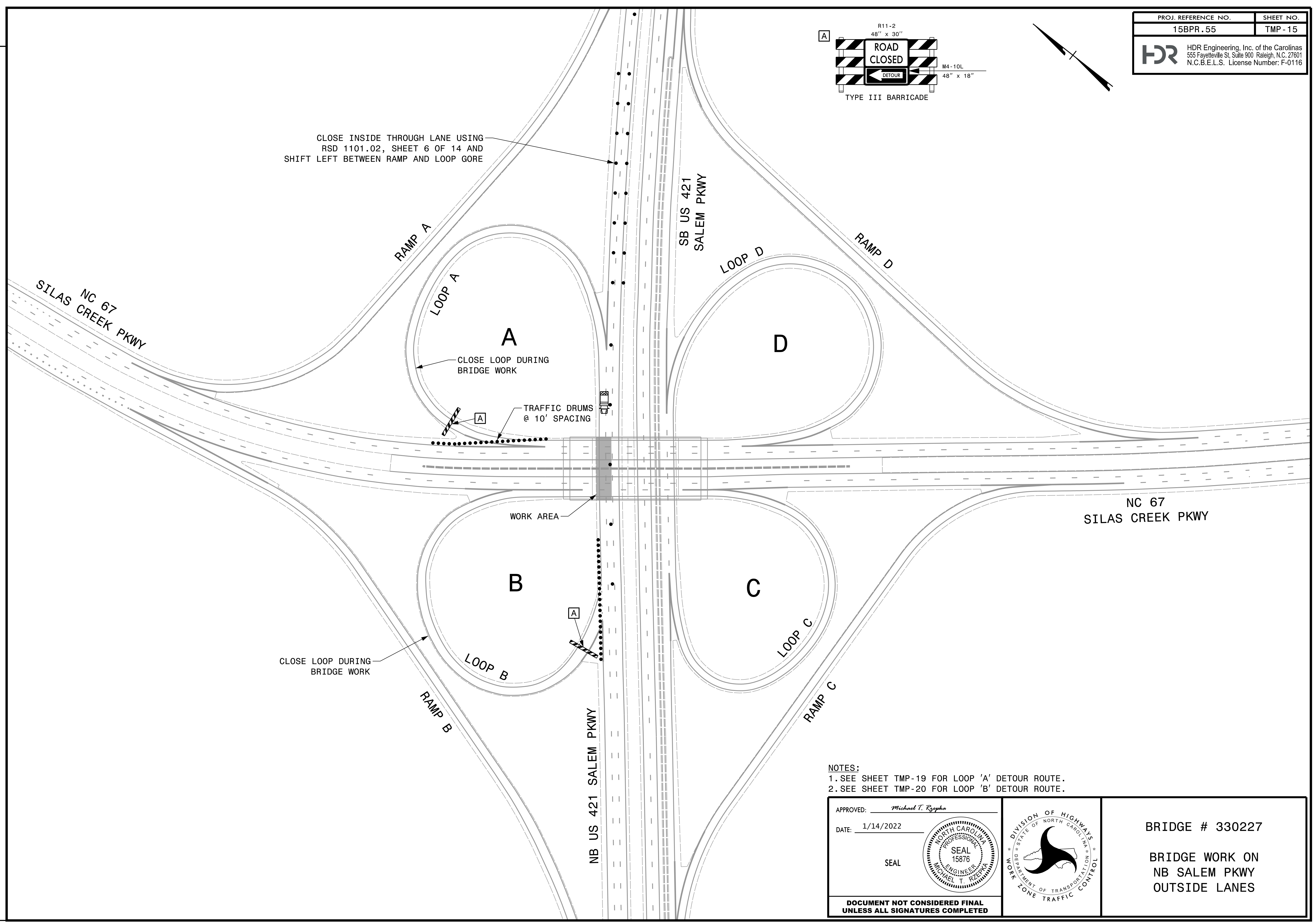
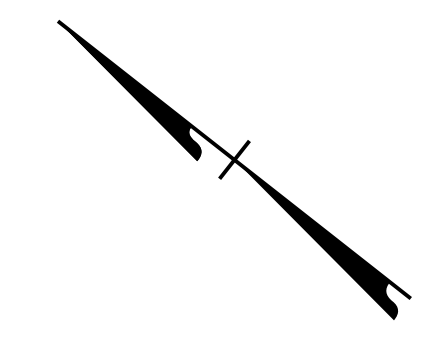
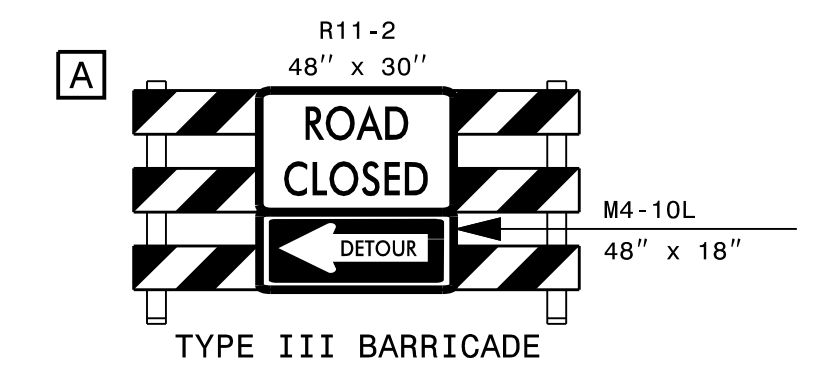
BRIDGE # 330227

BRIDGE WORK ON
 SILAS CREEK PKWY
 INSIDE LANE/SHOULDER

PLOT DRIVER: NCDOT_pdf_color_eng_50.plt
USER: BSCOTT
DATE: 1/14/2022
TIME: 9:41:24 AM
PENTABLE: NCDOT_tcp.tbl
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REVISIONS

PROJ. REFERENCE NO.	SHEET NO.
15BPR.55	TMP-15
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	

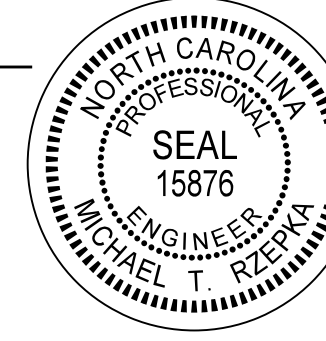


- NOTES:
1. SEE SHEET TMP-19 FOR LOOP 'A' DETOUR ROUTE.
 2. SEE SHEET TMP-20 FOR LOOP 'B' DETOUR ROUTE.

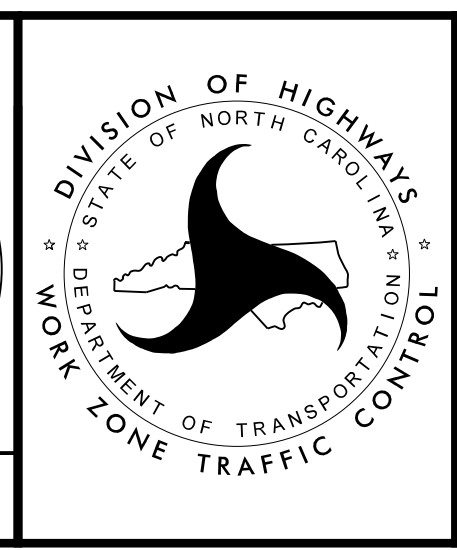
APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

SEAL

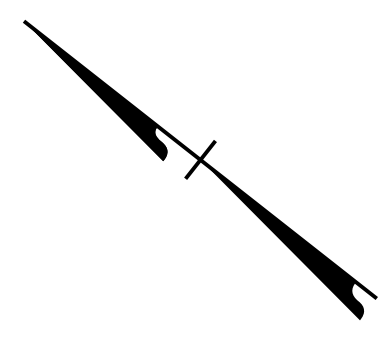


**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

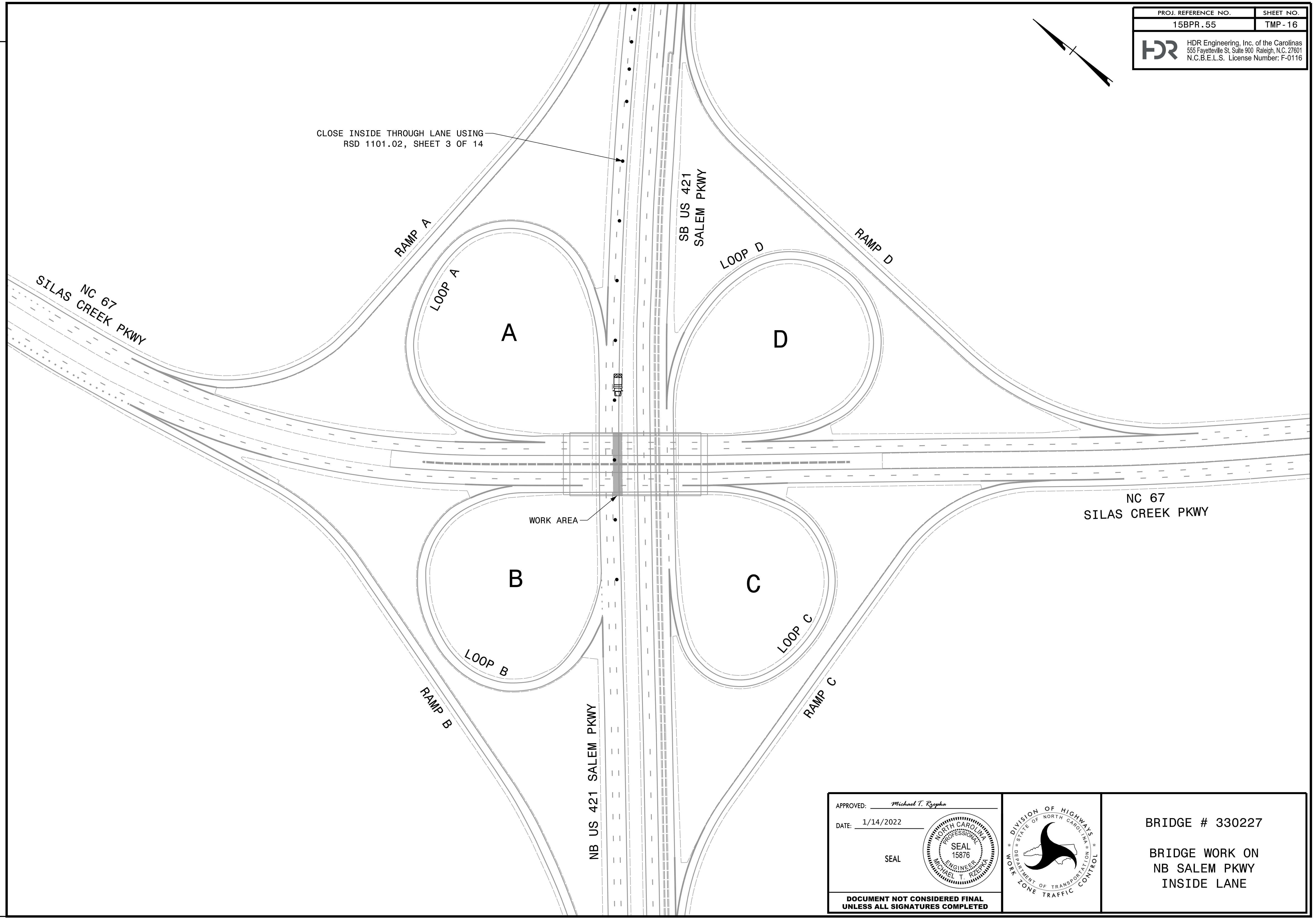


BRIDGE # 330227

BRIDGE WORK ON
NB SALEM PKWY
OUTSIDE LANES



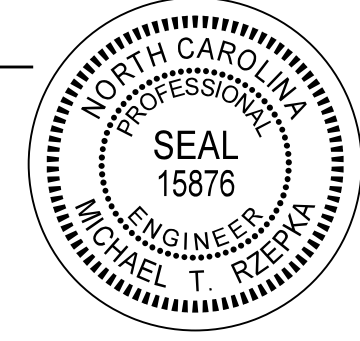
CLOSE INSIDE THROUGH LANE USING
RSD 1101.02, SHEET 3 OF 14



REVISIONS

PLOT DRIVER: NCDOT_pdf_color_eng_50.plt PENTABLE: NCDOT_tcp.tbl
 USER: BSCOTT DATE: 1/14/2022 TIME: 9:41:33 AM
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APPROVED: *Michael T. Rzepka*
 DATE: 1/14/2022
 SEAL

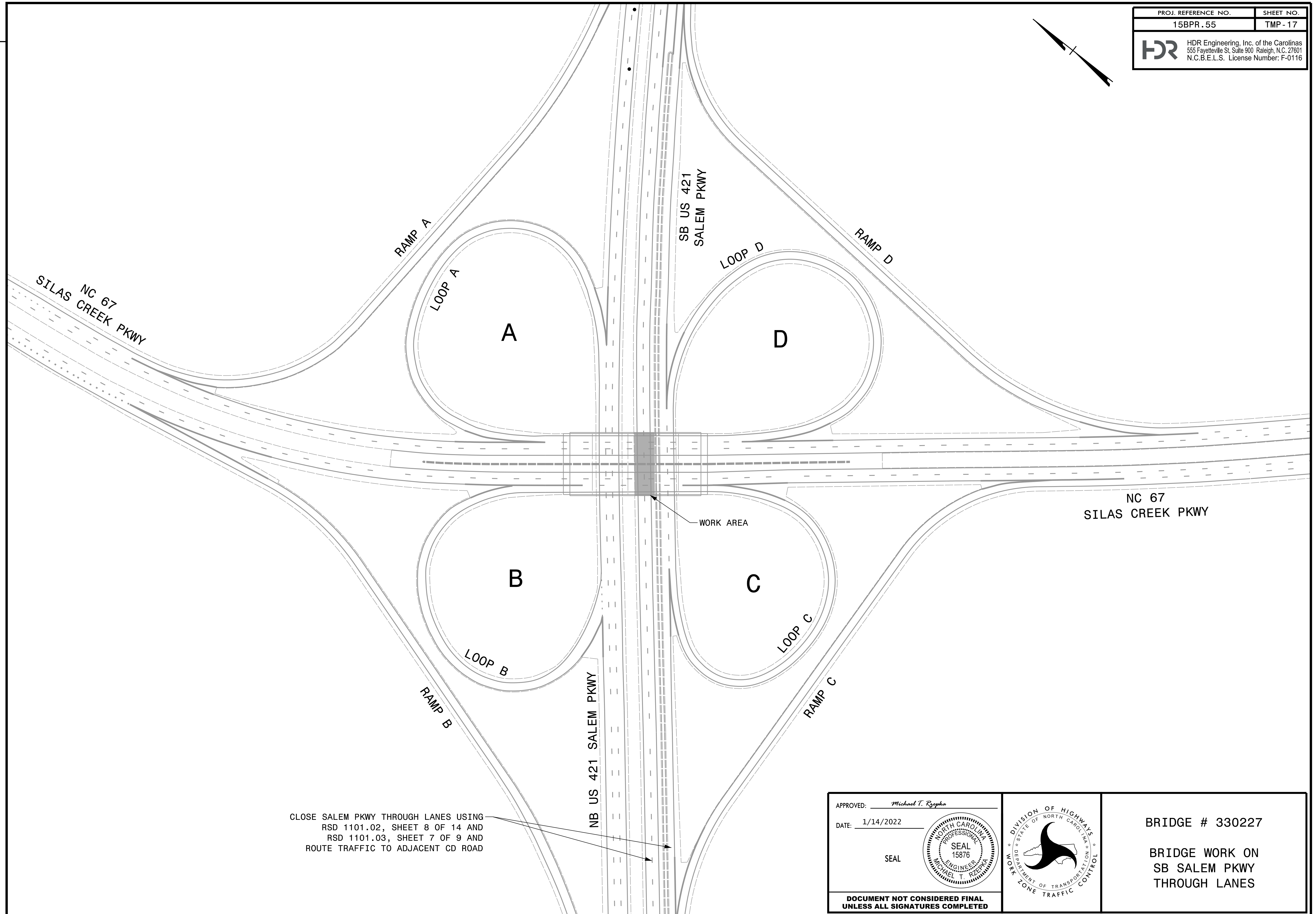
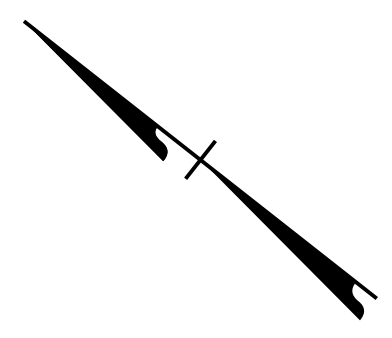


**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



BRIDGE # 330227
 BRIDGE WORK ON
 NB SALEM PKWY
 INSIDE LANE

PROJ. REFERENCE NO.	SHEET NO.
15BPR.55	TMP-17
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REVISIONS

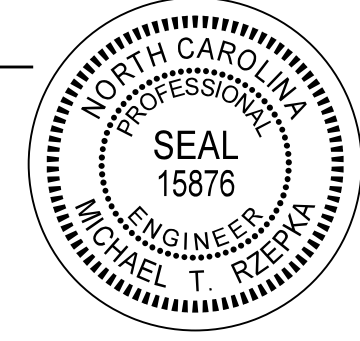
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 USER: BSCOTT DATE: 1/14/2022 TIME: 9:41:41 AM
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CLOSE SALEM PKWY THROUGH LANES USING
 RSD 1101.02, SHEET 8 OF 14 AND
 RSD 1101.03, SHEET 7 OF 9 AND
 ROUTE TRAFFIC TO ADJACENT CD ROAD

APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

SEAL



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




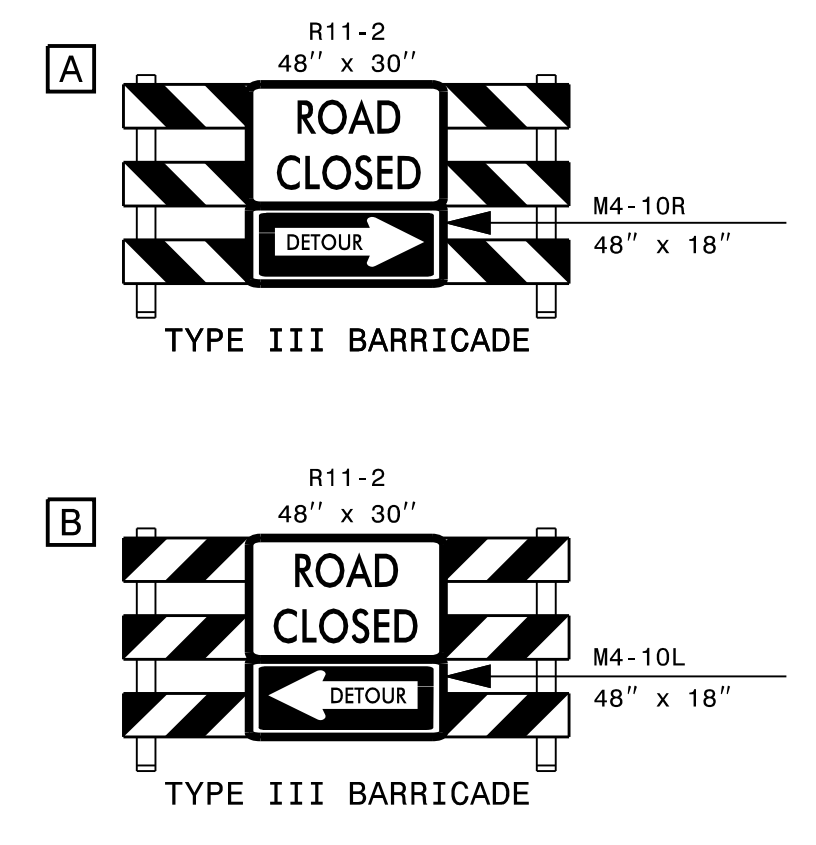
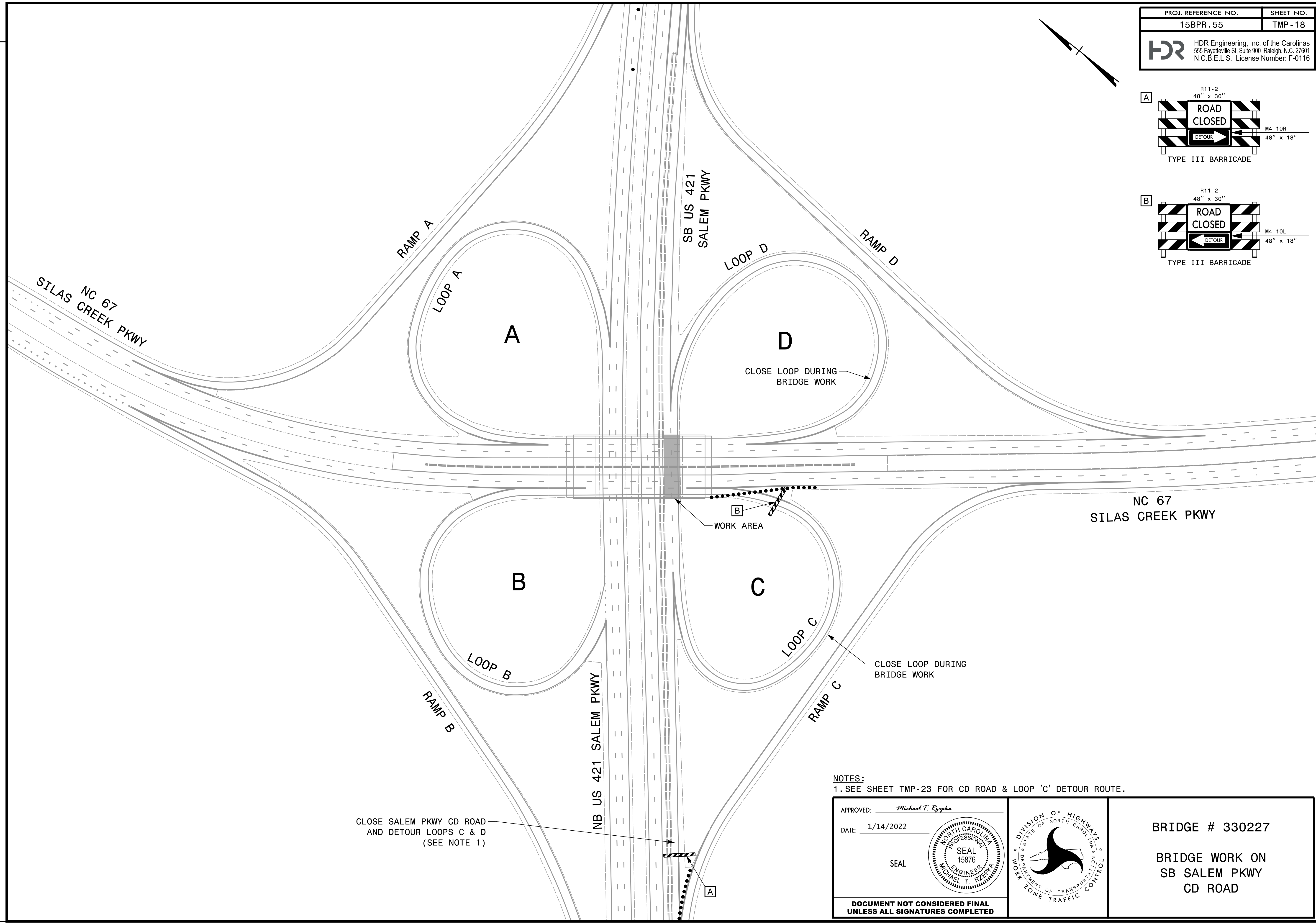
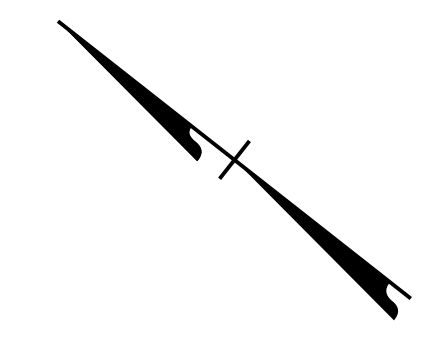
BRIDGE # 330227

**BRIDGE WORK ON
 SB SALEM PKWY
 THROUGH LANES**

PLOT DRIVER: NCDOT_pdr_color_eng_50.plt PENTABLE: NCDOT_tcp.tbl
USER: BSCOTT DATE: 1/14/2022 TIME: 9:41:49 AM
FILE: p:\p\hndr\uses\01\HDR_US_East_01\Documents\3322\1032846\6.0_CAD_BIM\6.2_WIP\Traffic\TrafficControl\TCP_Shr*330227\330227_TC_TMP-18.dgn

REVISIONS

PROJ. REFERENCE NO.	SHEET NO.
15BPR.55	TMP-18
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	

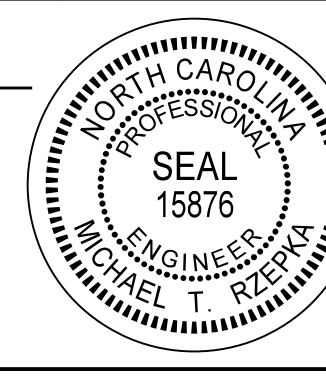


NOTES:
1. SEE SHEET TMP-23 FOR CD ROAD & LOOP 'C' DETOUR ROUTE.

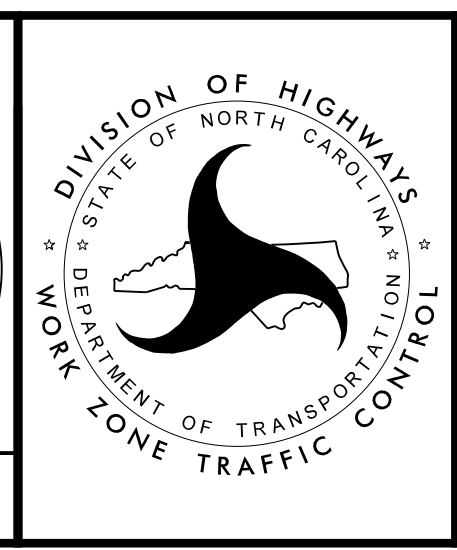
APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

SEAL



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

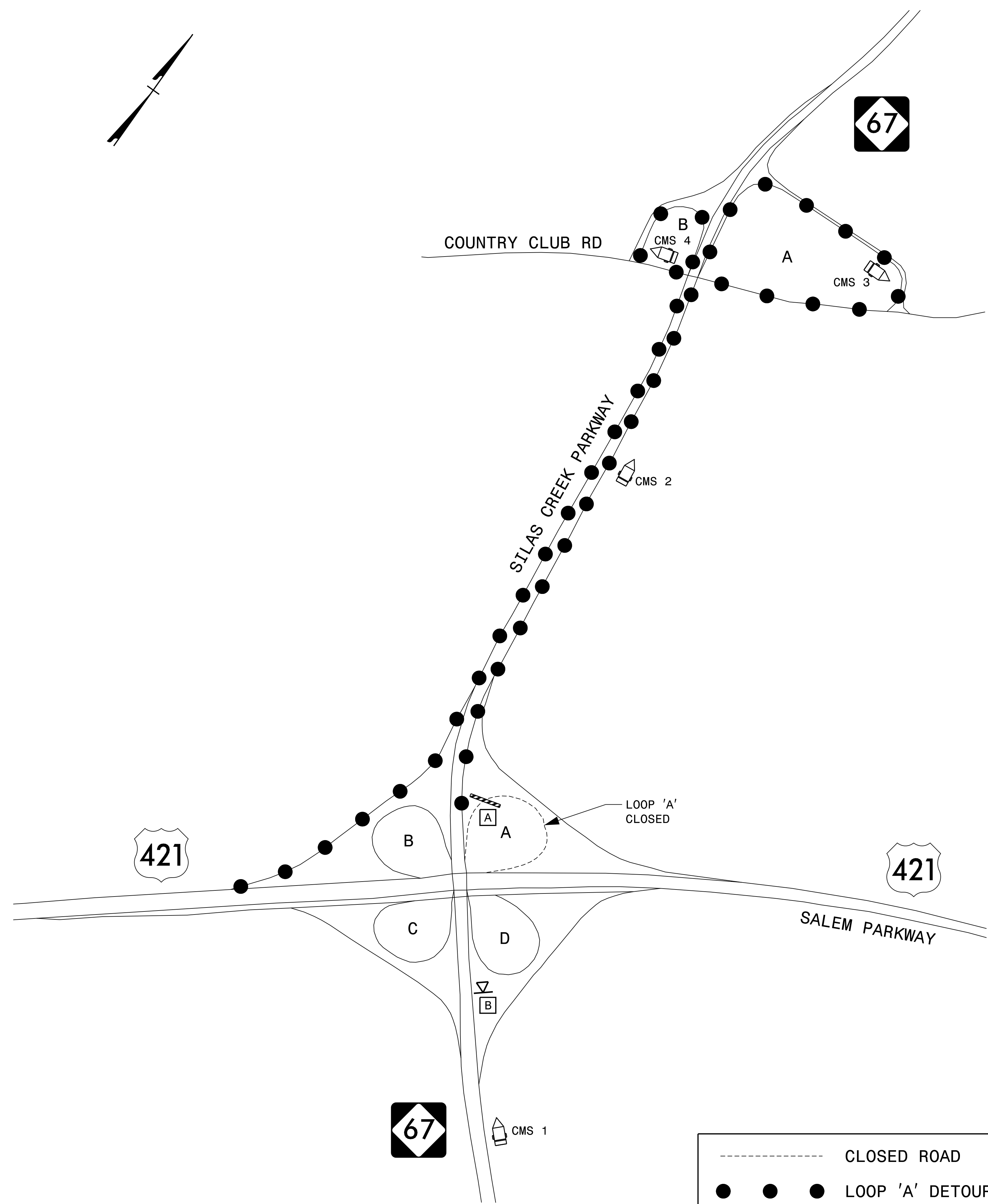


BRIDGE # 330227

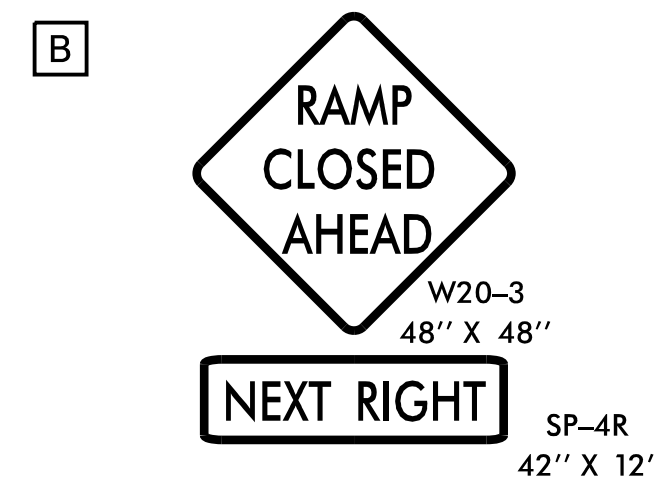
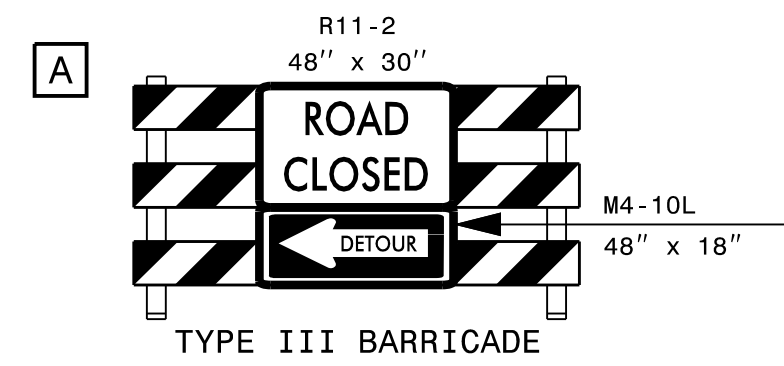
BRIDGE WORK ON
SB SALEM PKWY
CD ROAD

PLOT DRIVER: NCDOT_pdf_color_eng_50.plt
 USER: BSCOTT
 FILE: p:\p\p\h\h\users\01\h\h\US_East_01\Documents\3322\1032846\6.0_CAD_BIM\6.2_WIP\Traffic\TrafficControl\TCP\Sr*330227\330227_TC_TMP-19.dgn
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 DATE: 1/14/2022
 TIME: 1:50:44 PM

REVISIONS



PROJ. REFERENCE NO.	SHEET NO.
15BPR.55	TMP-19
HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	



CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
US 421 N EXIT CLOSED	FOLLOW DETOUR AHEAD

CHANGEABLE MESSAGE SIGN

CMS 2

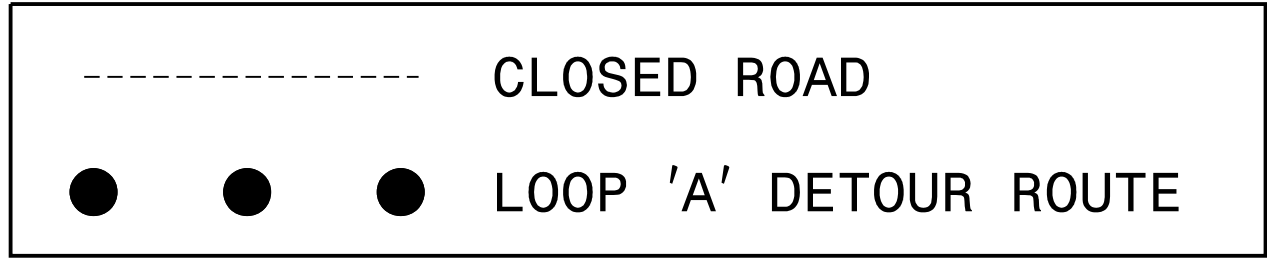
MESSAGE NO. 1	MESSAGE NO. 2
US 421 N SALEM PARKWAY	DETOUR NEXT EXIT

CHANGEABLE MESSAGE SIGN

CMS 3 & 4

MESSAGE NO. 1	MESSAGE NO. 2
US 421 N DETOUR	US 421 N DETOUR

CHANGEABLE MESSAGE SIGN



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

APPROVED: *Michael T. Rzepka*

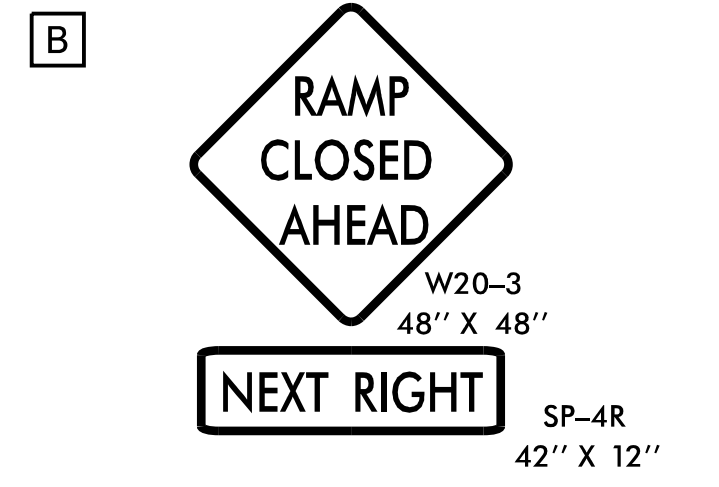
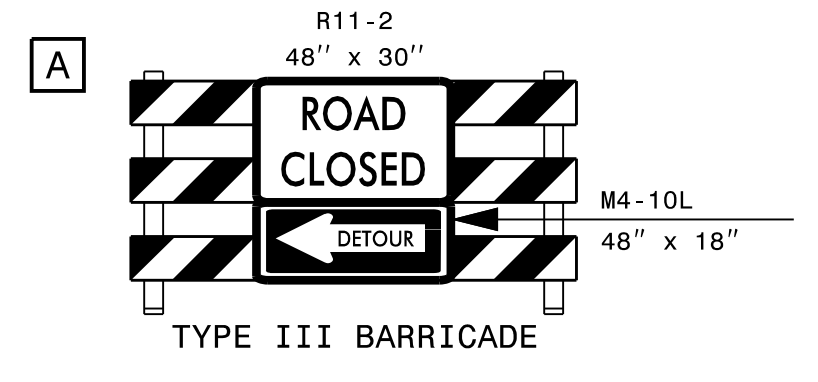
DATE: 1/14/2022

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

BRIDGE # 330227

SILAS CREEK PARKWAY
LOOP 'A'
OVERNIGHT CLOSURE



CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
EX 237A CLOSED AHEAD	DETOUR USE LEFT EXIT 238

CHANGEABLE MESSAGE SIGN

CMS 2

MESSAGE NO. 1	MESSAGE NO. 2
SILAS CREEK PARKWAY	DETOUR USE I40E KEEP LFT

CHANGEABLE MESSAGE SIGN

CMS 3 & 4

MESSAGE NO. 1	MESSAGE NO. 2
SILAS CREEK PARKWAY	DETOUR THIS EXIT

CHANGEABLE MESSAGE SIGN

CMS 5

MESSAGE NO. 1	MESSAGE NO. 2
SILAS CR DETOUR <-----	SILAS CR DETOUR <-----

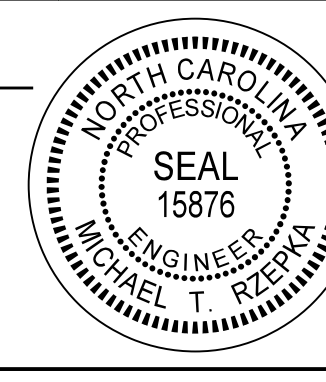
CHANGEABLE MESSAGE SIGN

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

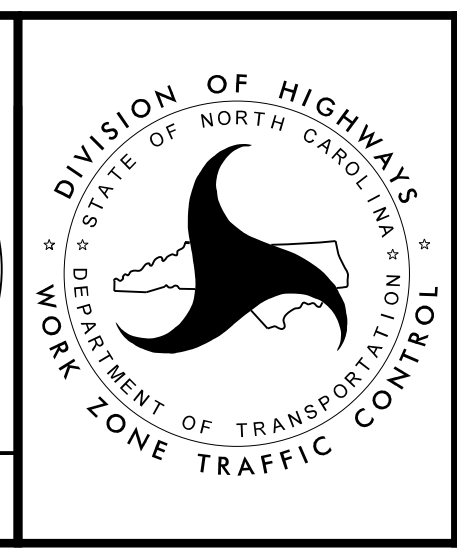
APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

SEAL

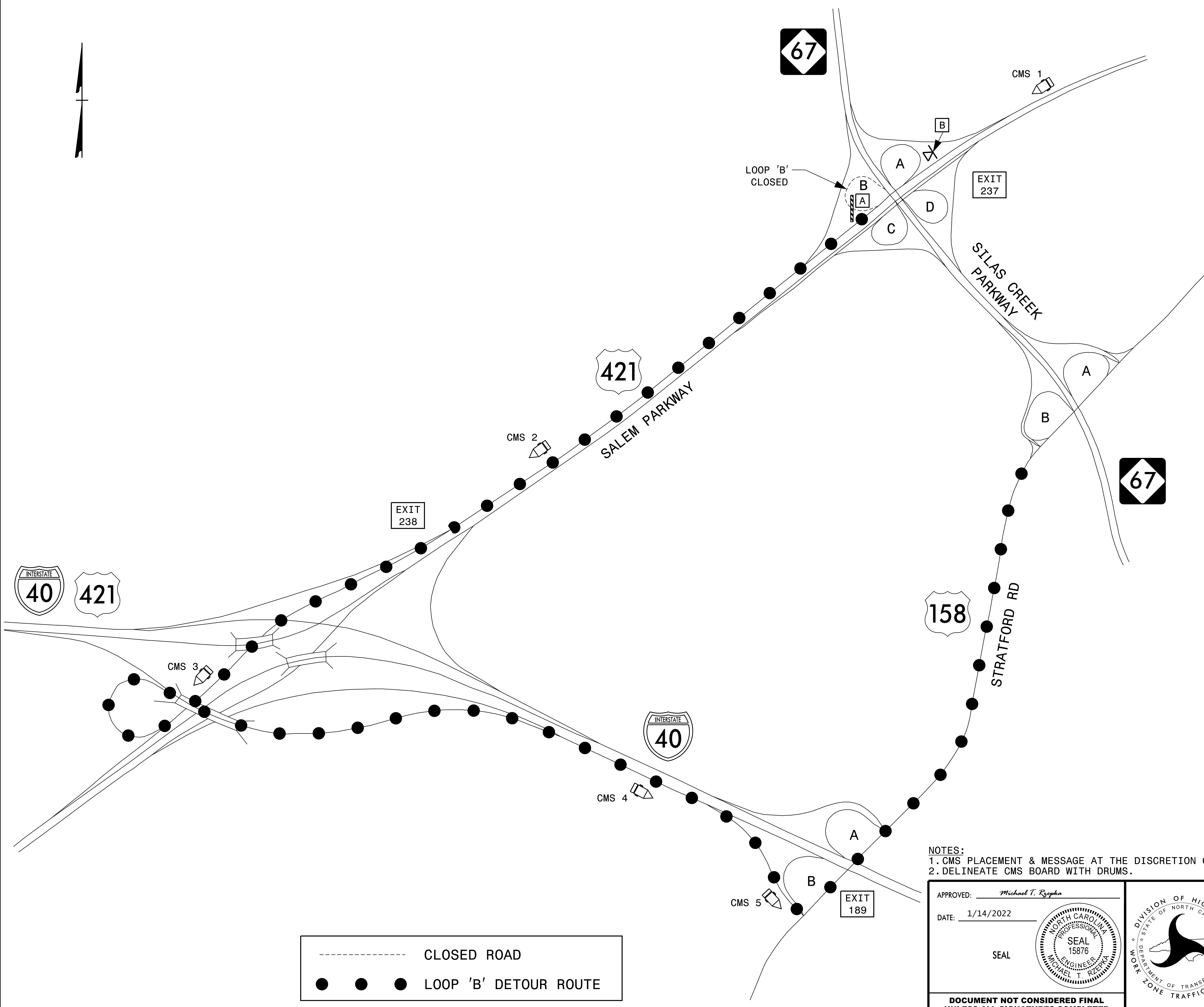
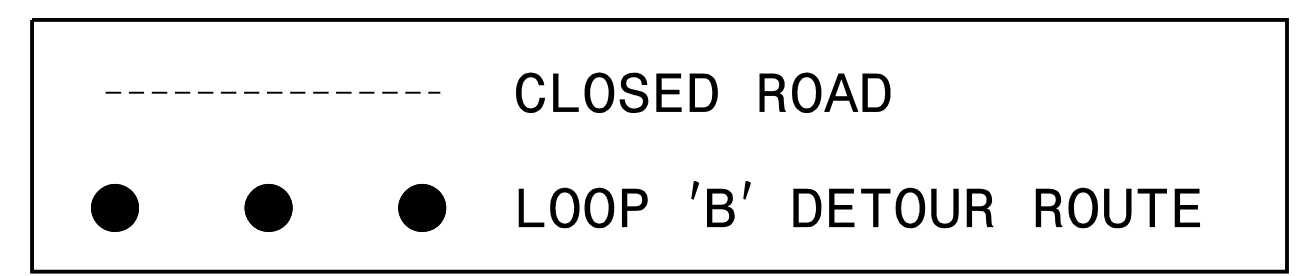


**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



BRIDGE # 330227

SILAS CREEK PARKWAY
 LOOP 'B'
 OVERNIGHT CLOSURE

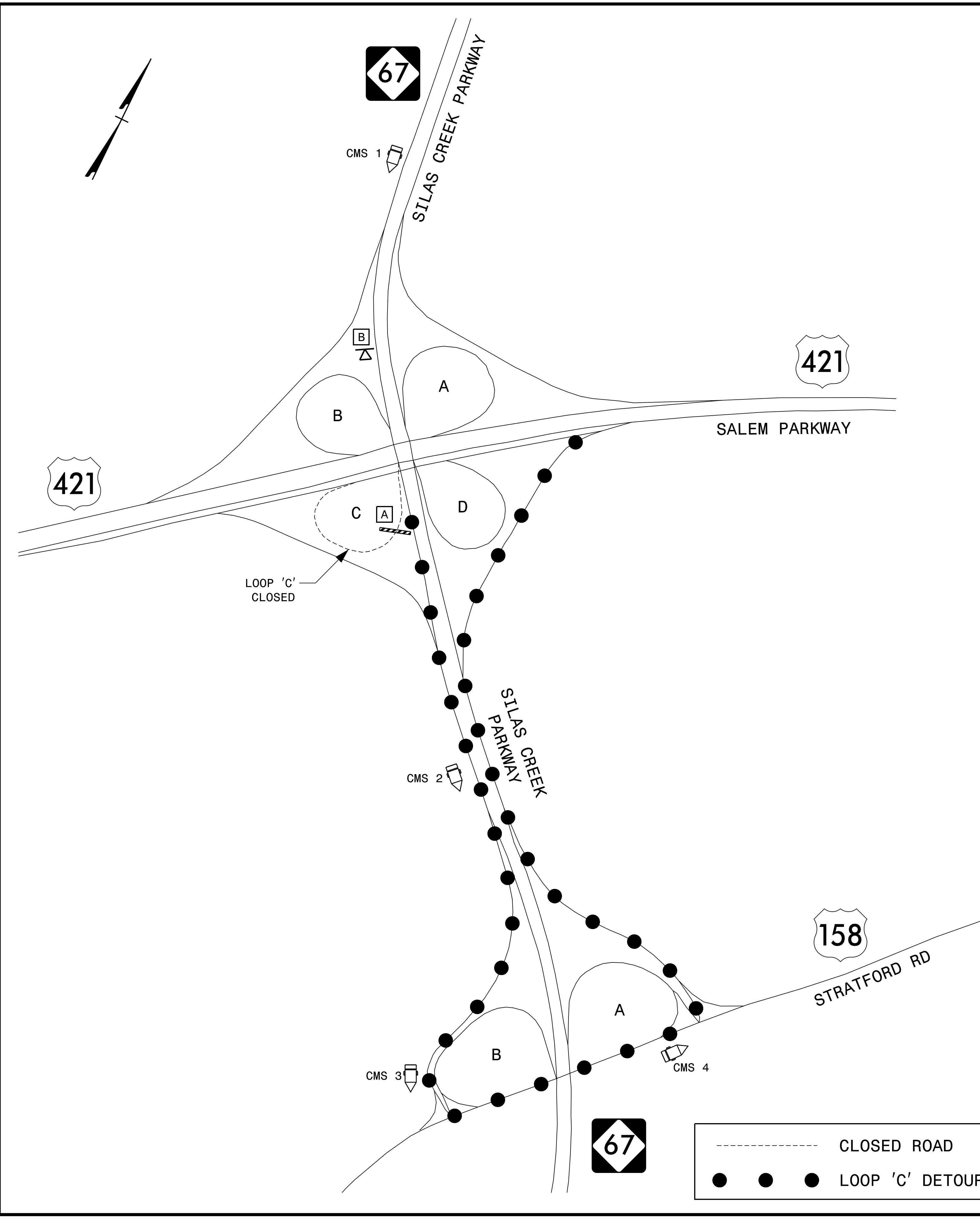


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 DATE: 1/14/2022
 TIME: 1:51:33 PM
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REVISIONS

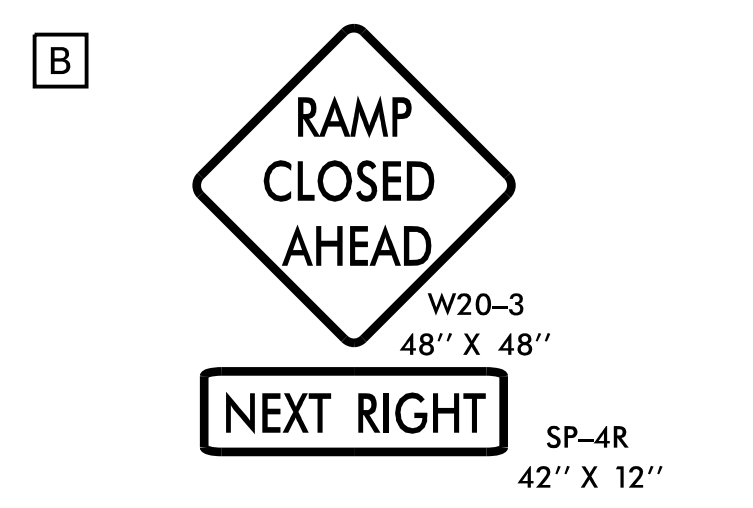
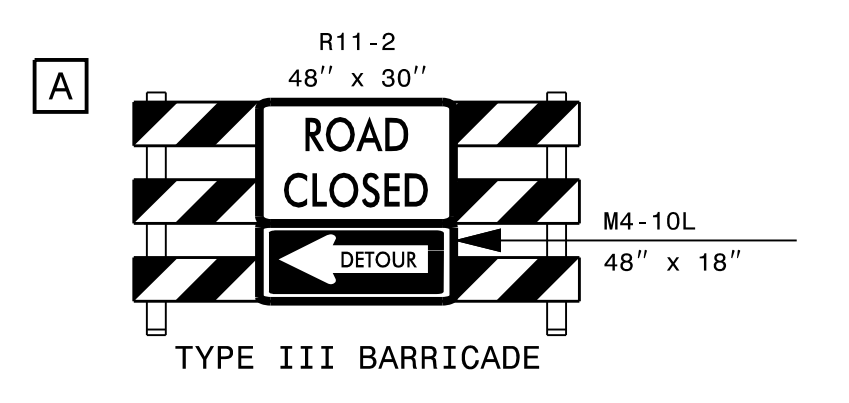
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USER: BSCOTT
DATE: 1/14/2022
TIME: 1:52:26 PM
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REVISIONS



PROJ. REFERENCE NO.	SHEET NO.
15BPR.55	TMP-21

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 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
 N.C.B.E.L.S. License Number: F-0116



CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
US 421 S EXIT CLOSED	FOLLOW DETOUR AHEAD

CHANGEABLE MESSAGE SIGN

CMS 2

MESSAGE NO. 1	MESSAGE NO. 2
US 421 S SALEM PARKWAY	DETOUR NEXT EXIT

CHANGEABLE MESSAGE SIGN

CMS 3 & 4

MESSAGE NO. 1	MESSAGE NO. 2
US 421 S DETOUR <-----	US 421 S DETOUR <-----

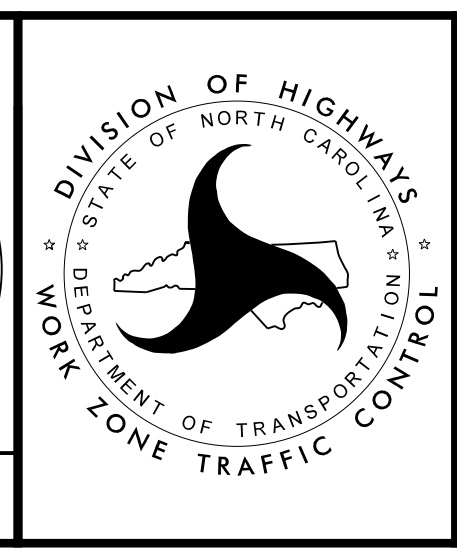
CHANGEABLE MESSAGE SIGN

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

APPROVED: *Michael T. Rzepka*
 DATE: 1/14/2022

SEAL

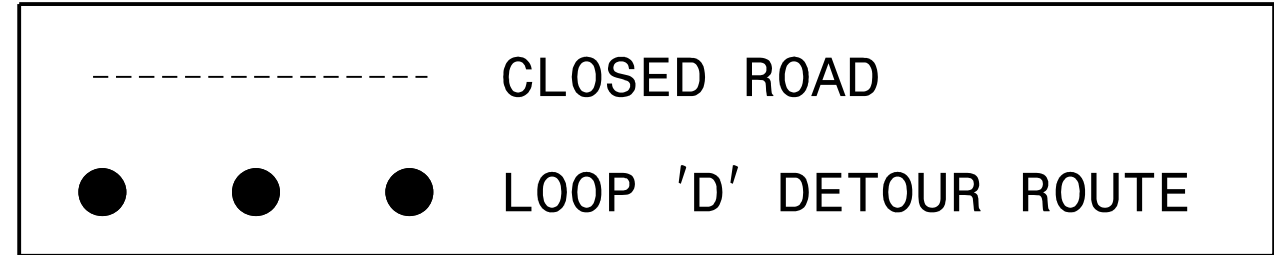
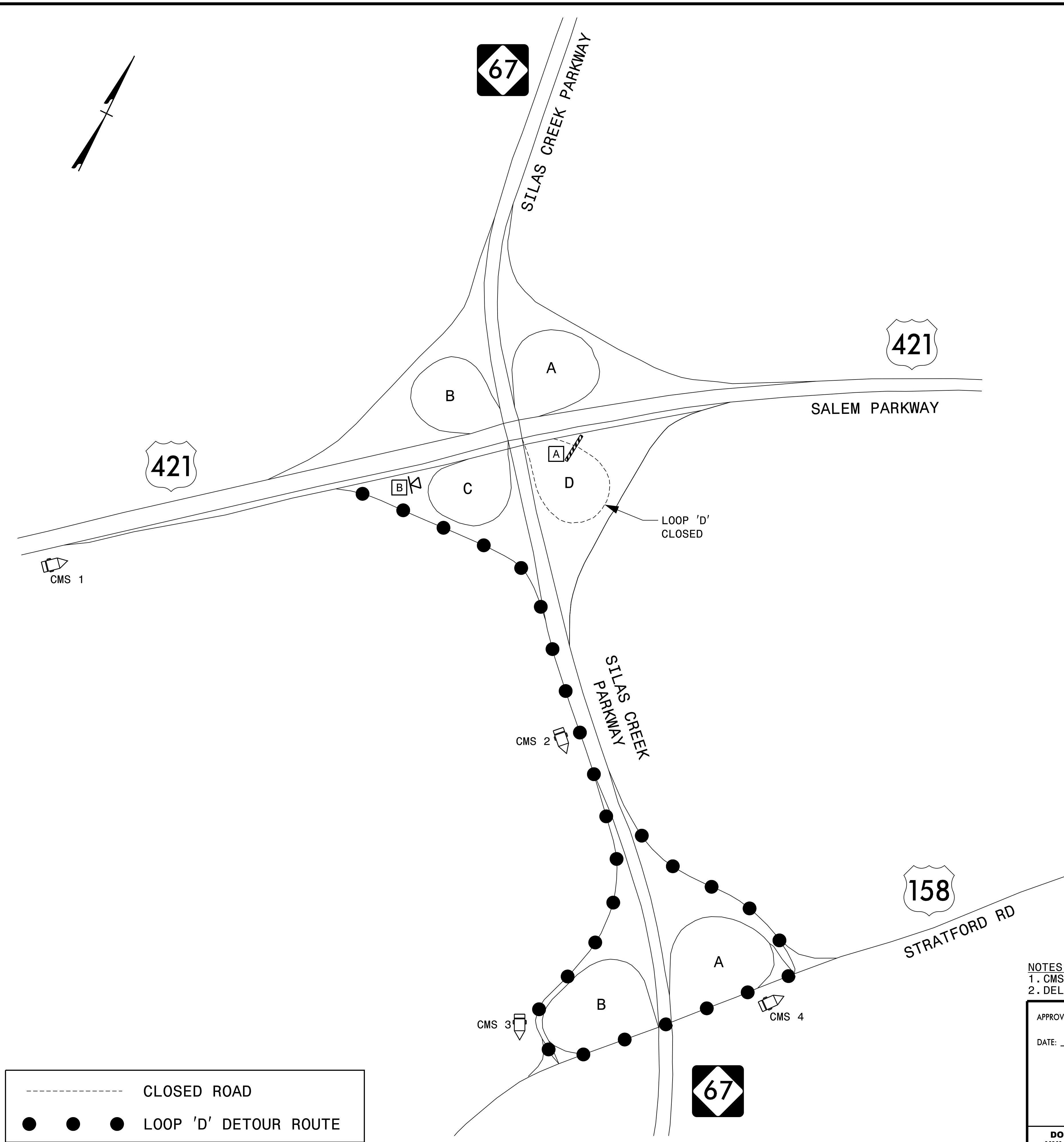
DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED



BRIDGE # 330227
 SILAS CREEK PARKWAY
 LOOP 'C'
 OVERNIGHT CLOSURE

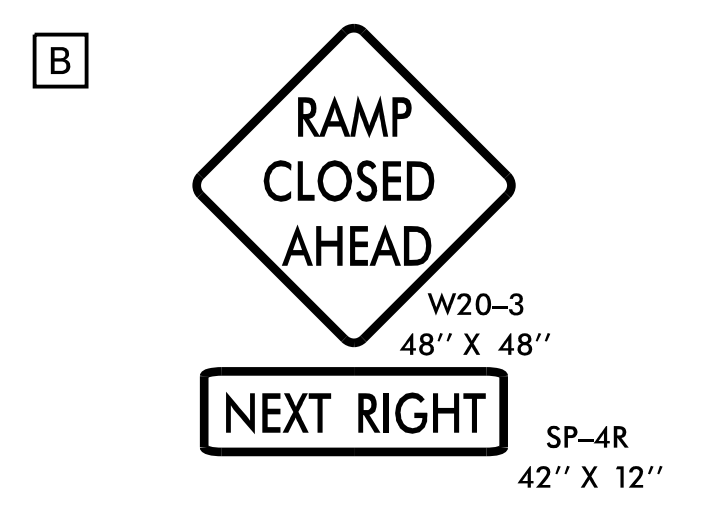
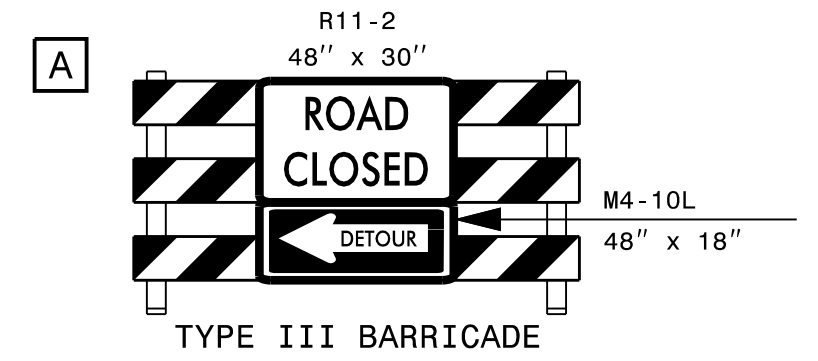
PLOT DRIVER: NCDOT_pdf_color_eng_50.plt PENTABLE: NCDOT_1cp.tbl
USER: BSCOTT DATE: 1/14/2022 TIME: 1:53:22 PM
FILE: pw:\pwhdr\users\01\Documents\3322\1032846\6.0_CAD_BIM\6.2_WIP\Traffic\TrafficControl\TCP\Sr#330227\TC_TMP-22.dgn

REVISIONS



PROJ. REFERENCE NO.	SHEET NO.
15BPR.55	TMP-22

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555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116



CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
EX 237A CLOSED AHEAD	DETOUR USE EXIT 237B

CHANGEABLE MESSAGE SIGN

CMS 2

MESSAGE NO. 1	MESSAGE NO. 2
NC 67 SILAS CR PARKWAY	DETOUR NEXT EXIT

CHANGEABLE MESSAGE SIGN

CMS 3 & 4

MESSAGE NO. 1	MESSAGE NO. 2
NC 67 DETOUR <-----	NC 67 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: 1/14/2022

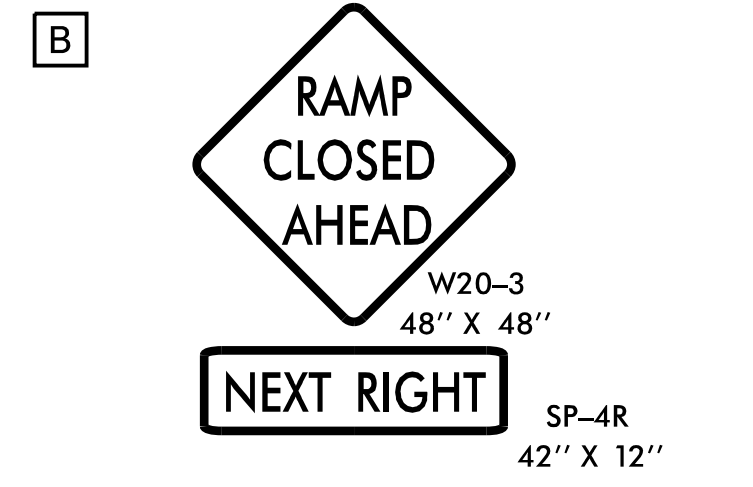
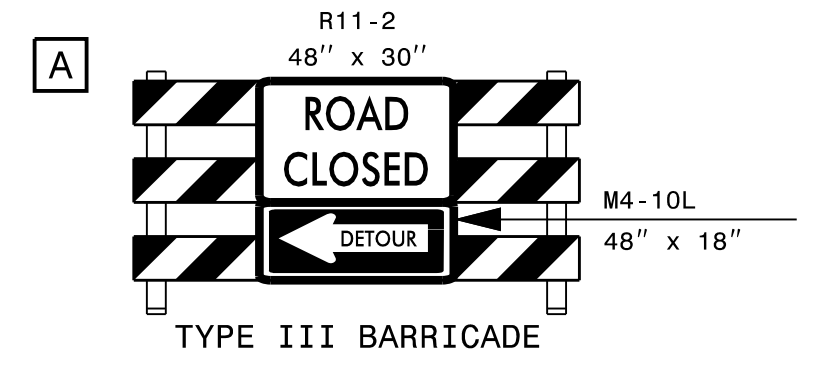
SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



BRIDGE # 330227
**SILAS CREEK PARKWAY
LOOP 'D'
OVERNIGHT CLOSURE**

PROJ. REFERENCE NO. 15BPR.55	SHEET NO. TMP-23
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	



CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
EX 237A CLOSED AHEAD	DETOUR USE EXIT 237B

CHANGEABLE MESSAGE SIGN

CMS 2

MESSAGE NO. 1	MESSAGE NO. 2
US 421 S EXIT CLOSED	DETOUR USE NEXT EXIT

CHANGEABLE MESSAGE SIGN

CMS 3

MESSAGE NO. 1	MESSAGE NO. 2
US 421 S SILAS CR DETOURS	USE NEXT EXIT

CHANGEABLE MESSAGE SIGN

CMS 4 & 5

MESSAGE NO. 1	MESSAGE NO. 2
US 421 S DETOUR	SILAS CR DETOUR

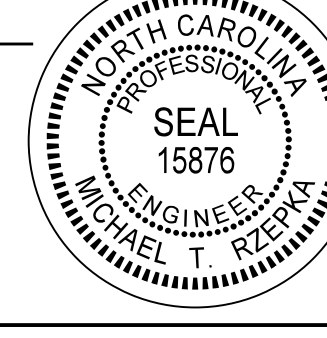
CHANGEABLE MESSAGE SIGN

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

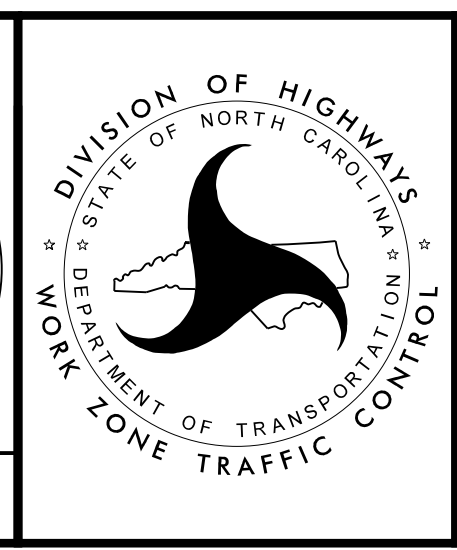
APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

SEAL

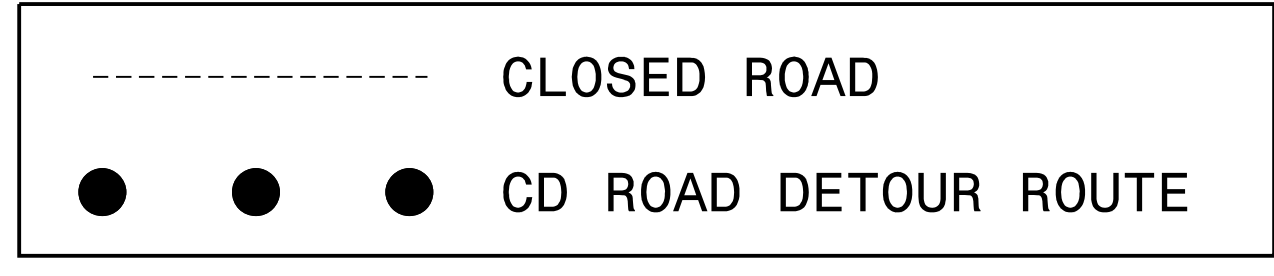
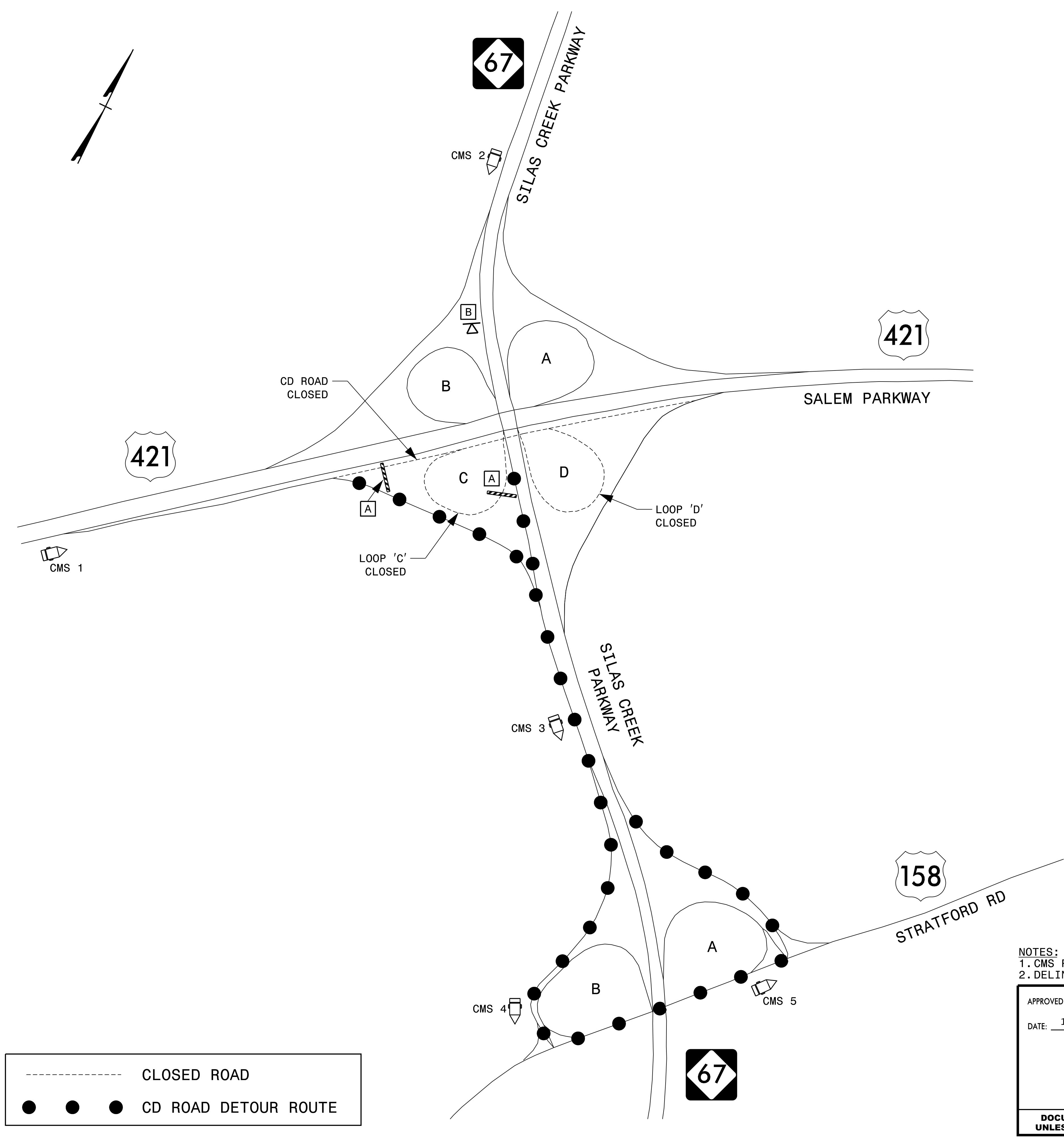


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



BRIDGE # 330227

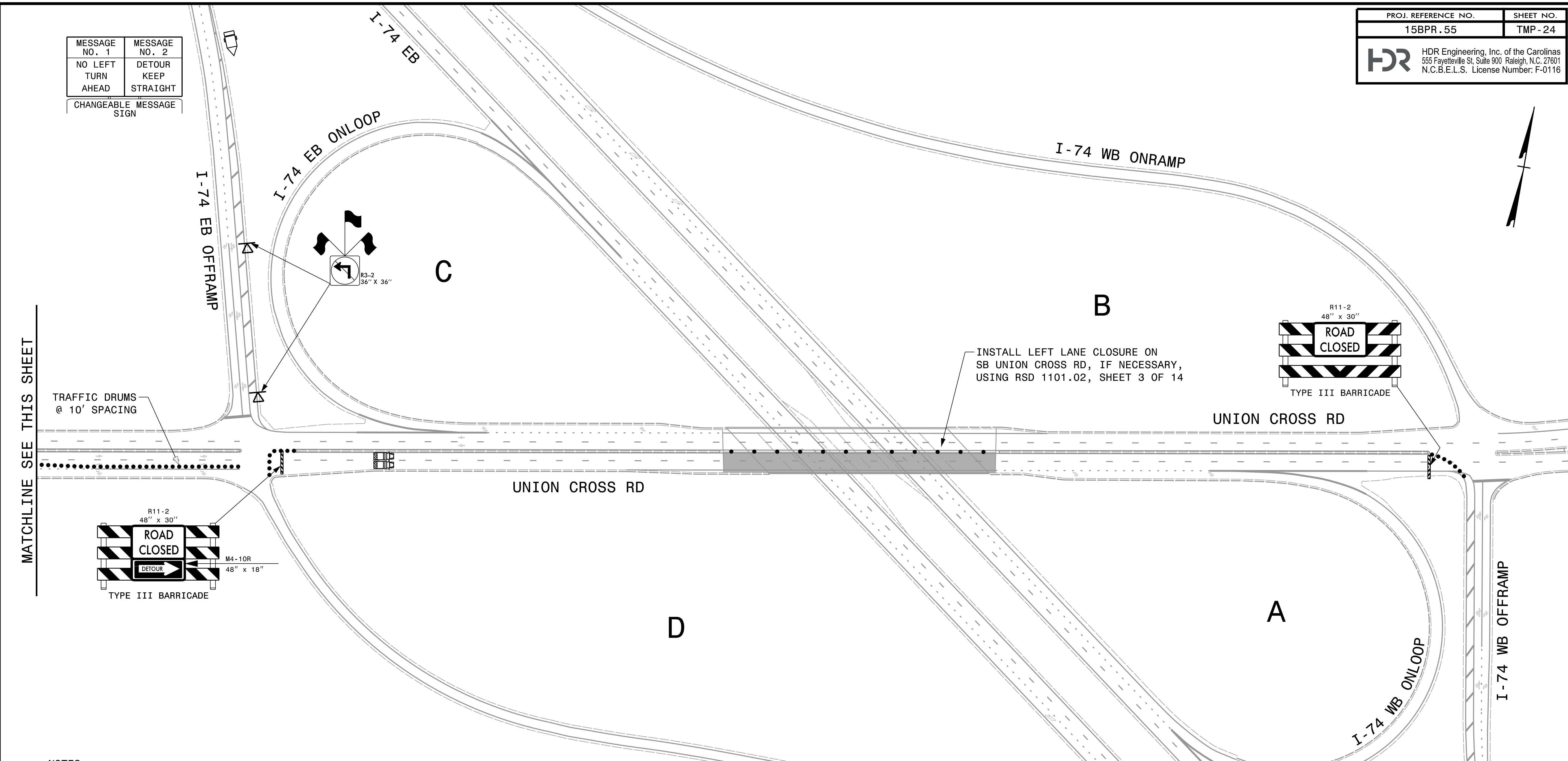
SILAS CREEK PARKWAY
CD ROAD
OVERNIGHT CLOSURE



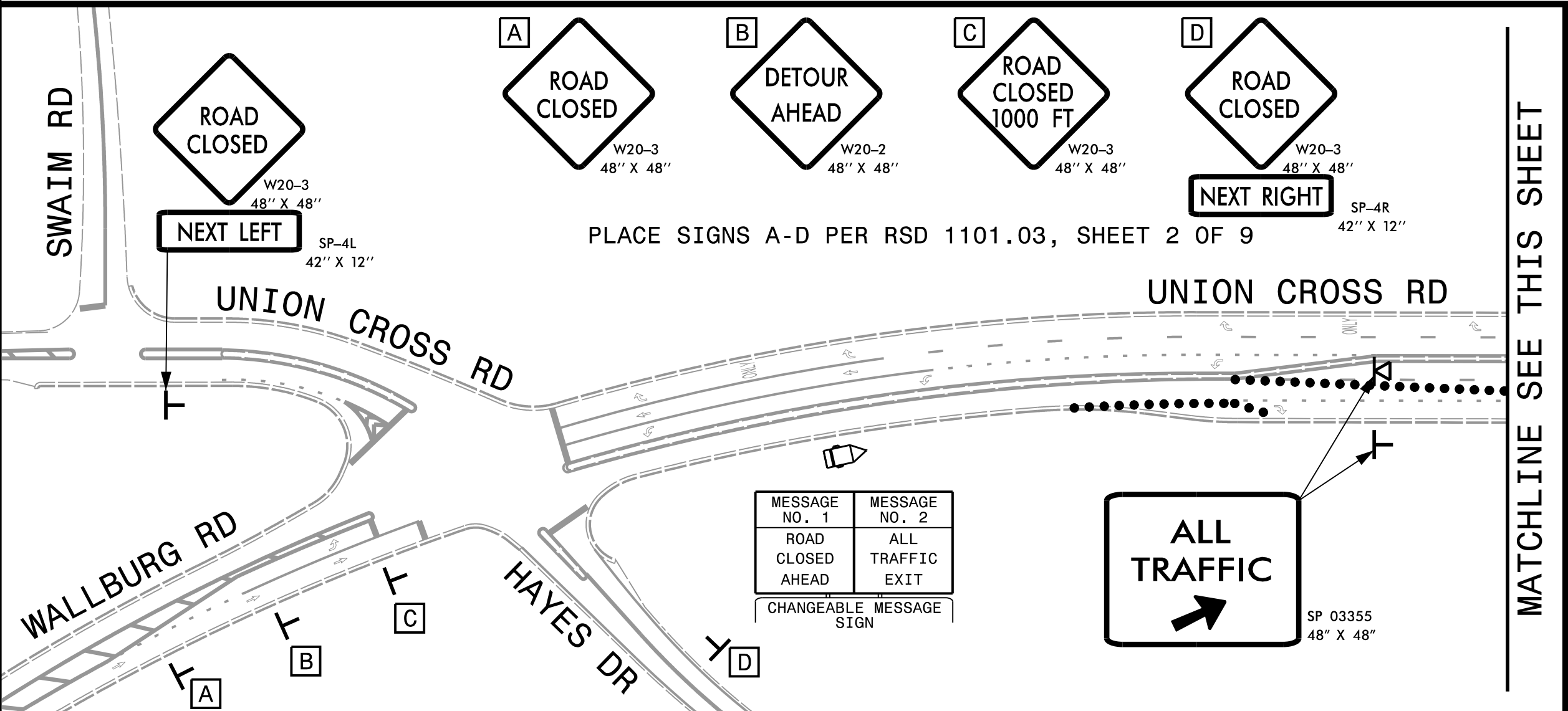
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 USER: BSCOTT
 PENTABLE: NCDOT_tcp.tbl
 DATE: 1/14/2022
 TIME: 1:54:25 PM
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REVISIONS

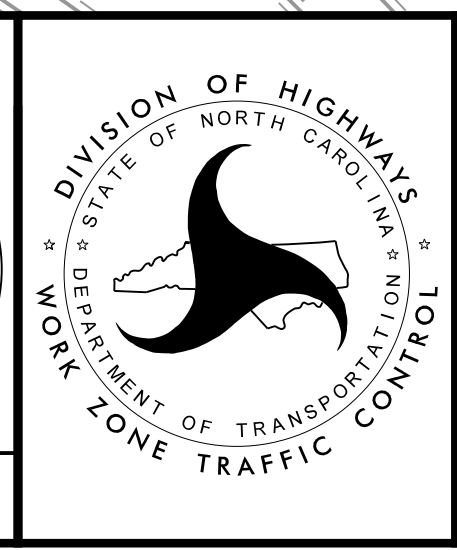
MESSAGE NO. 1	MESSAGE NO. 2
NO LEFT TURN AHEAD	DETOUR KEEP STRAIGHT
CHANGEABLE MESSAGE SIGN	



NOTES:
 1. SEE SHEET TMP-28 FOR UNION CROSS RD DETOUR ROUTE.



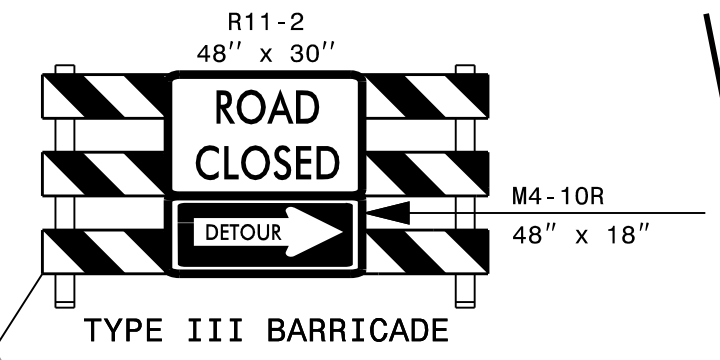
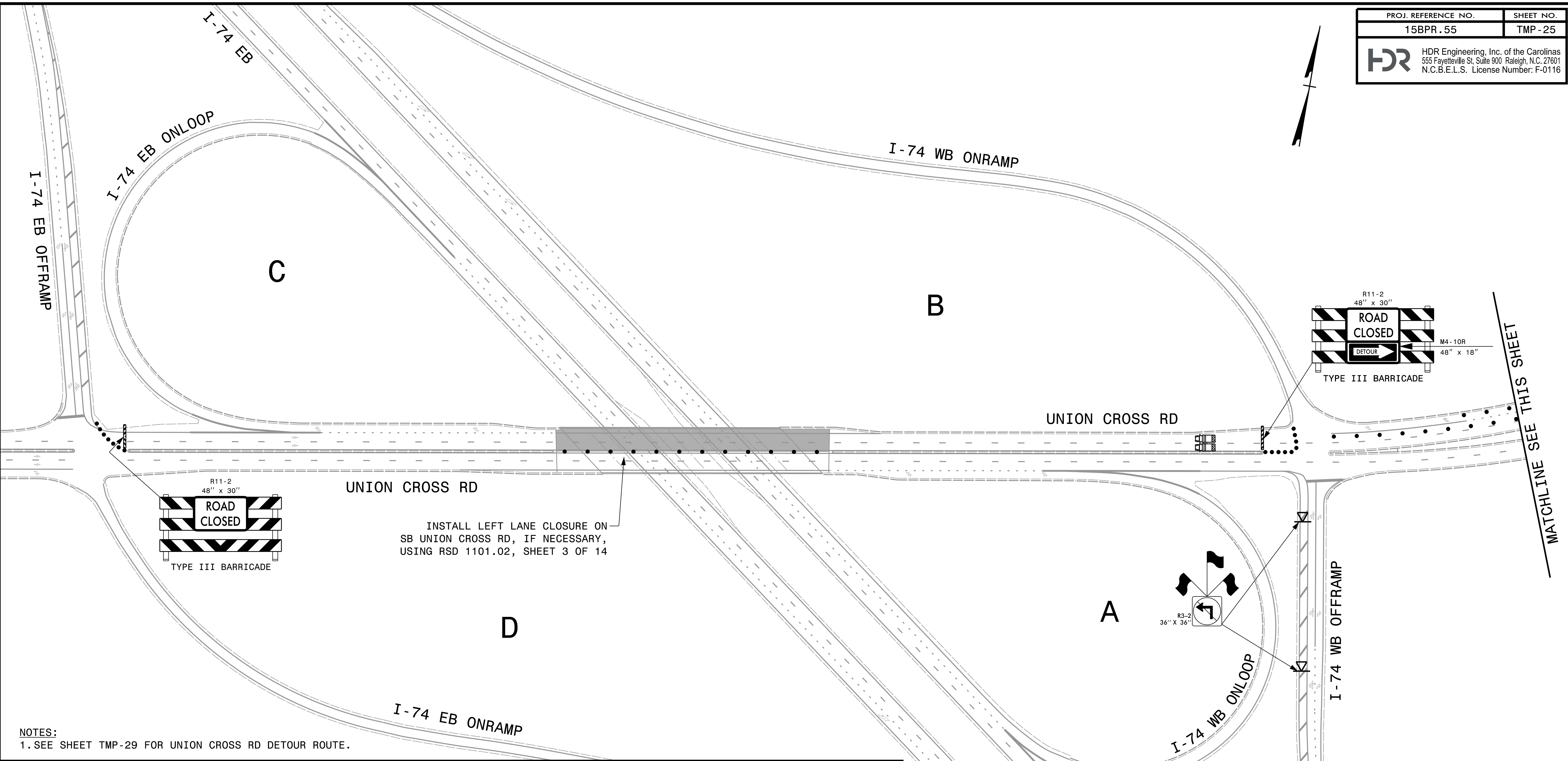
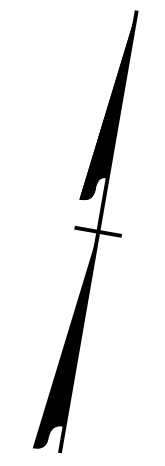
APPROVED: *Michael T. Rzepka*
 DATE: 1/14/2022
 SEAL
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



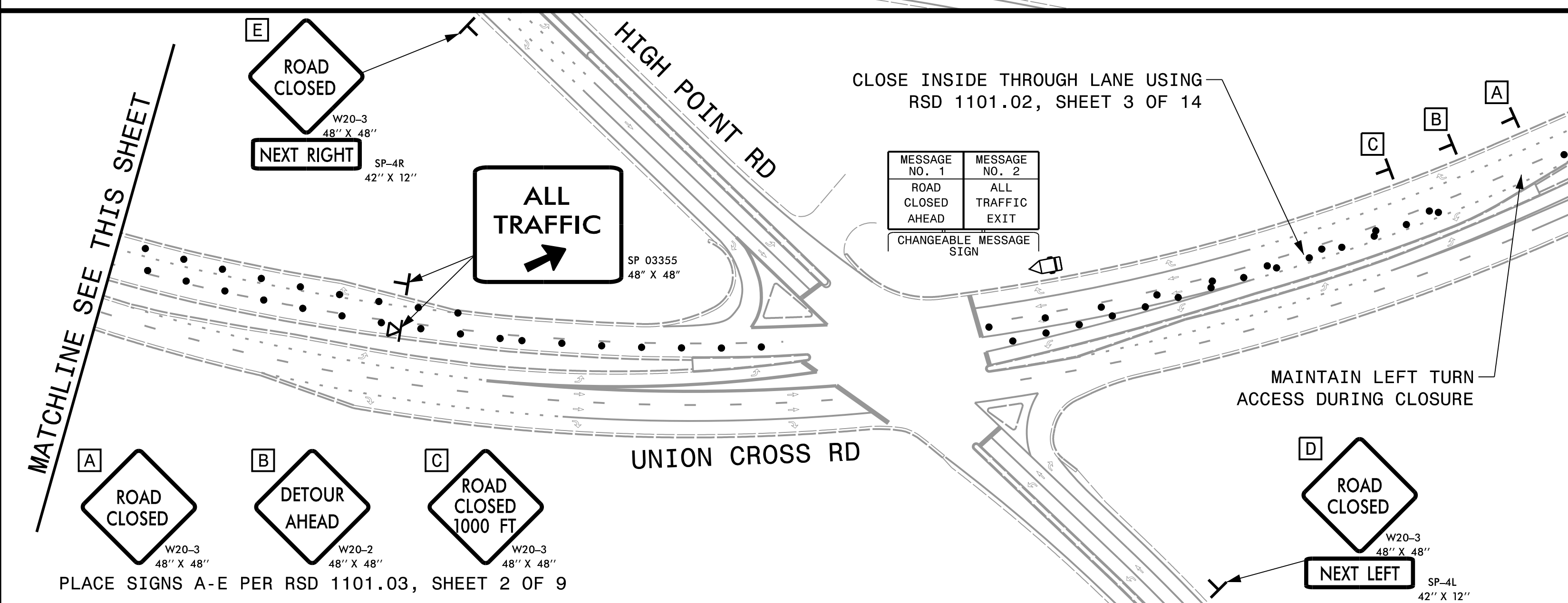
BRIDGE # 330392
 BRIDGE WORK ON NB UNION CROSS RD

PLOT DRIVER: NCDOT_pdf_color_eng_50.pit
 USER: BSCOTT
 DATE: 1/14/2022
 TIME: 9:42:24 AM
 FILE: p:\p\hndr\users\01\hndr\US_East_01\Documents\3322\1032846\16.0_CAD_BIM\6.2_WIP\Traffic\TrafficControl\TCP_Shr*330392\330392_TC_TMP-24.dgn

REVISIONS



NOTES:
1. SEE SHEET TMP-29 FOR UNION CROSS RD DETOUR ROUTE.



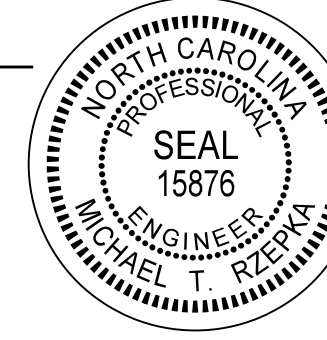
MESSAGE NO. 1	MESSAGE NO. 2
ROAD CLOSED AHEAD	ALL TRAFFIC EXIT
CHANGEABLE MESSAGE SIGN	

MESSAGE NO. 1	MESSAGE NO. 2
NO LEFT TURN AHEAD	DETOUR KEEP STRAIGHT
CHANGEABLE MESSAGE SIGN	

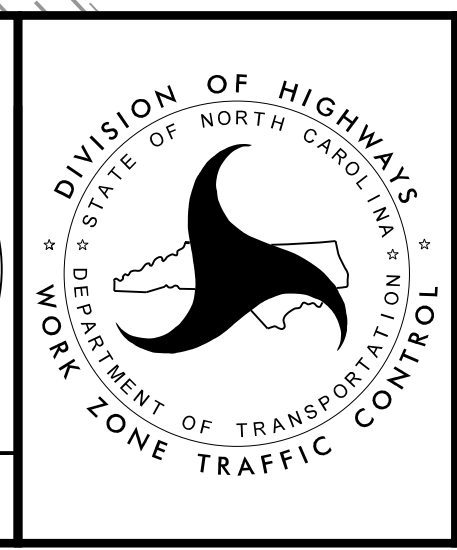
APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

SEAL



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



BRIDGE # 330392

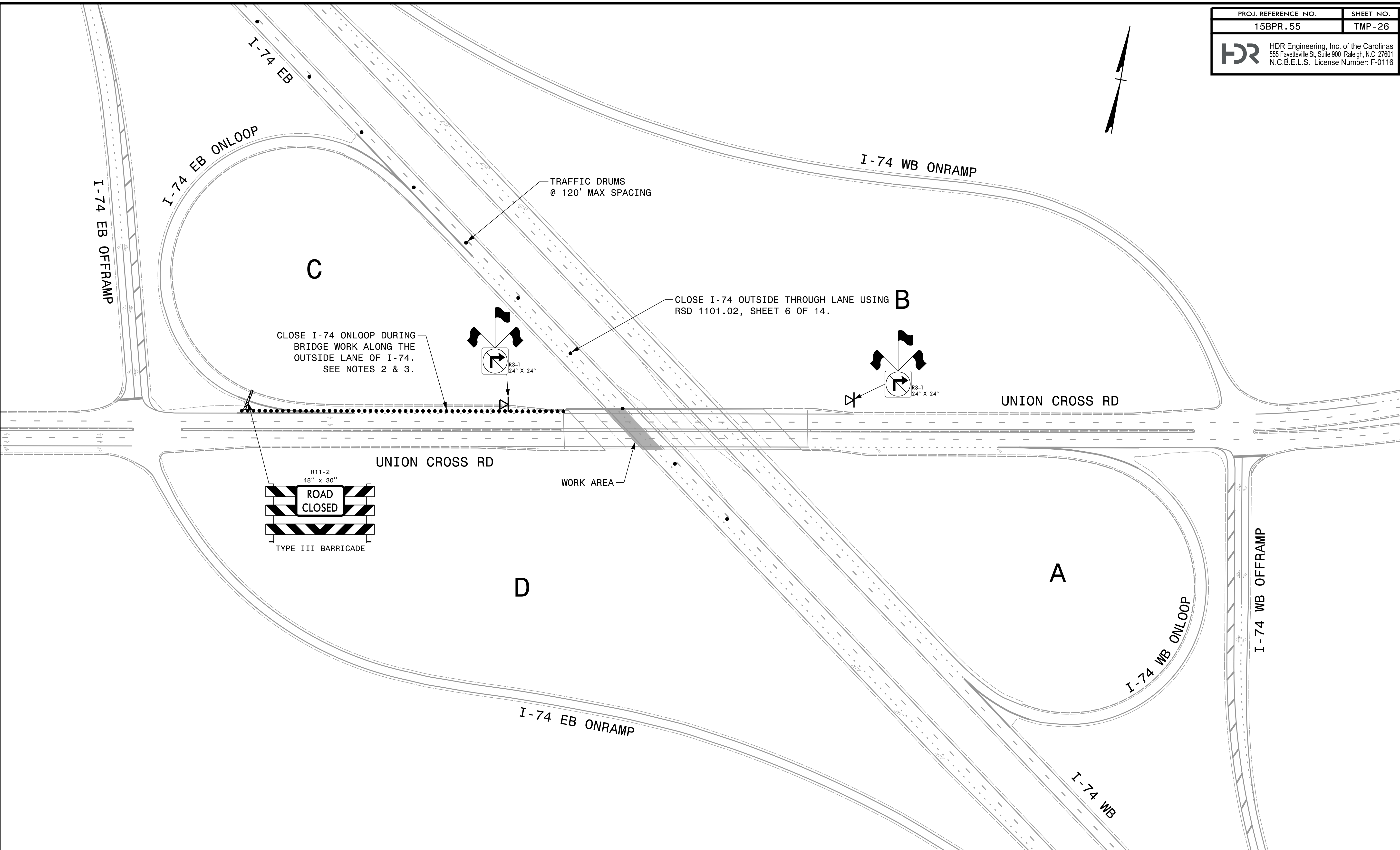
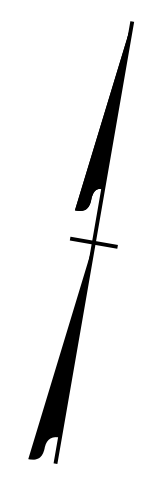
BRIDGE WORK ON SB UNION CROSS RD

PLOT DRIVER: NCDOT_pdf_color_eng_50.pit
 USER: BSCOTT
 DATE: 1/14/2022
 TIME: 9:42:33 AM
 FILE: p:\p\h\users\h\HDR_US_East_01\Documents\3322\1032846\6.0_CAD_BIM\6.2_WIP\Traffic\TrafficControl\TCP\5r*330392\330392_TC_TMP-25.dgn

REVISIONS

MATCHLINE SEE THIS SHEET

MATCHLINE SEE THIS SHEET



REVISIONS

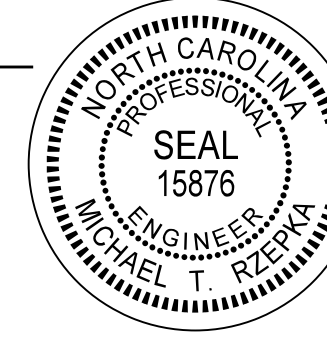
PLOT DRIVER: NCDOT_pdf_color_eng_50.plt PENTABLE: NCDOT_tcp.tbl
 USER: BSCOTT DATE: 1/14/2022 TIME: 1:57:01 PM
 FILE: p:\pwhdr\users\BSCOTT\Documents\3322\1032846\6.0_CAD_BIM\6.2_WIP\Traffic\TrafficControl\TCP\Str\330392\TC_TMP-26.dgn

- NOTES:**
1. THIS DETAIL SHEET ALSO APPLIES TO THE WB TRAFFIC DIRECTION & WORK AREA.
 2. SEE SHEET TMP-30 FOR I-74 WB ONLOOP DETOUR ROUTE & SIGNING.
 3. SEE SHEET TMP-31 FOR I-74 EB ONLOOP DETOUR ROUTE & SIGNING.

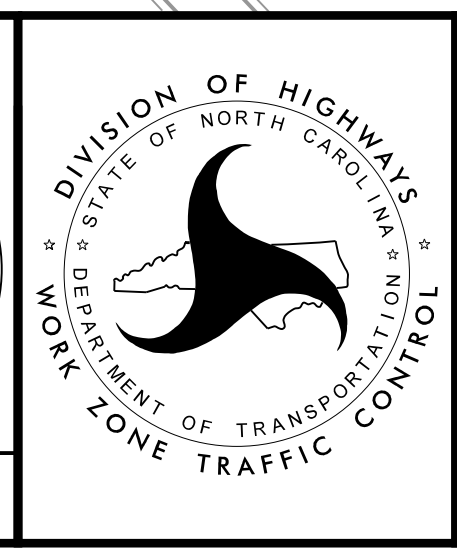
APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

SEAL

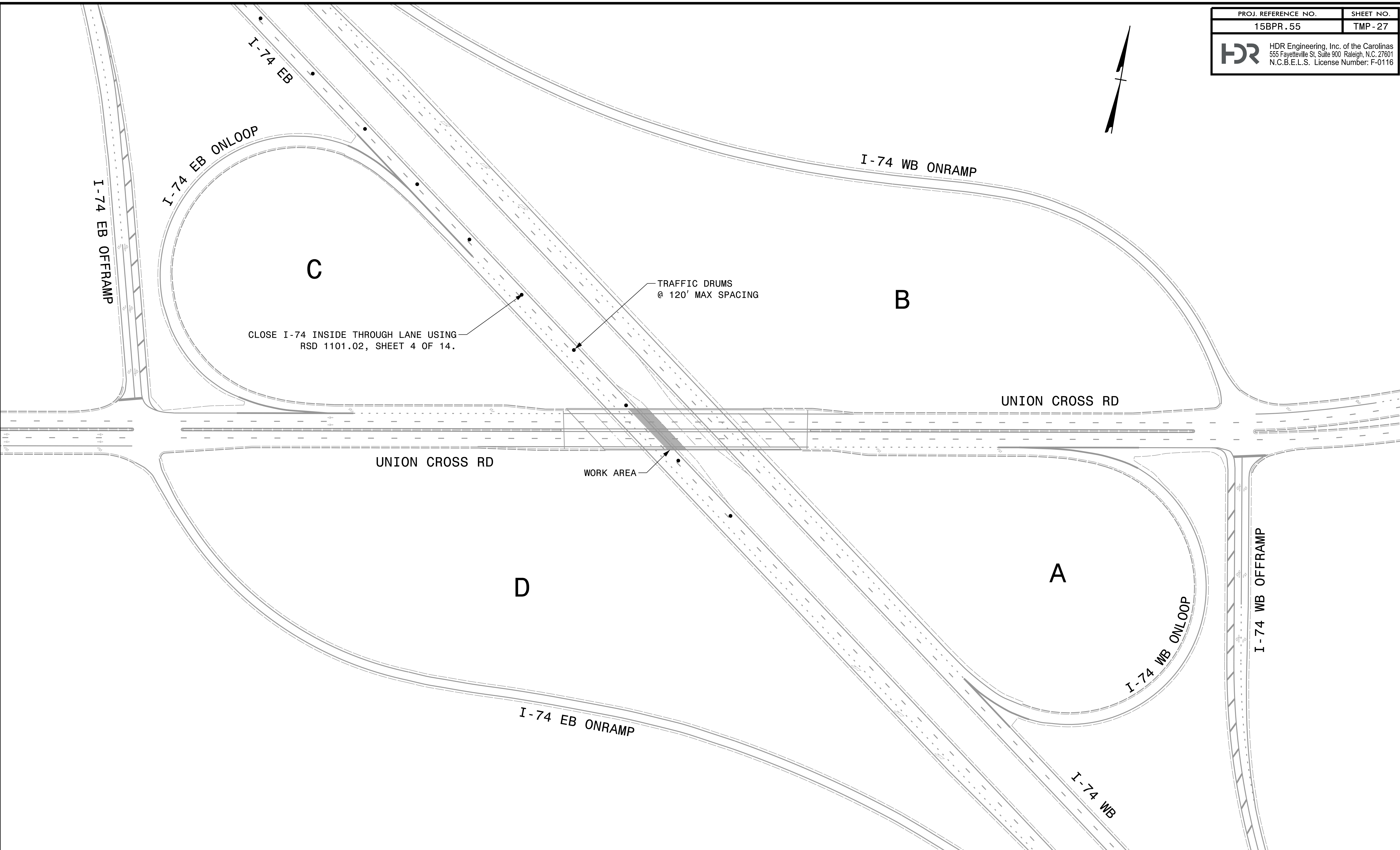
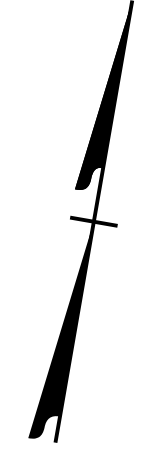


**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



BRIDGE # 330392

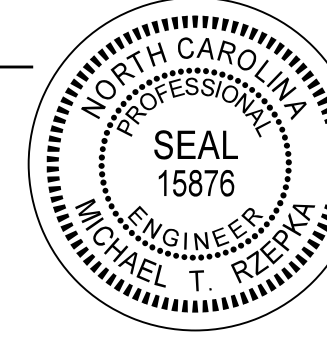
**BRIDGE WORK ALONG
OUTSIDE LANE OF I-74
TYPICAL DETAIL**

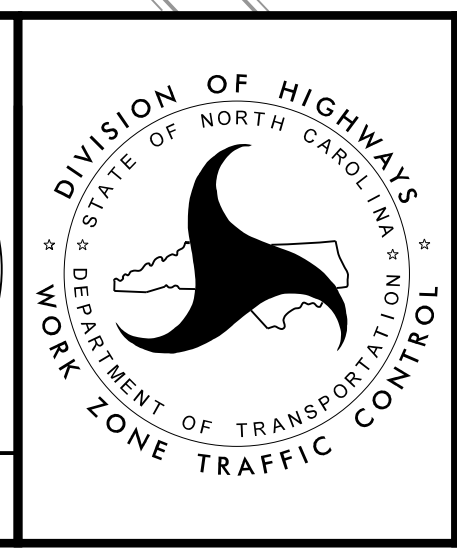


REVISIONS

PLOT DRIVER: NCDOT_pdf_color_eng_50.plt
 USER: BSCOTT
 DATE: 1/14/2022
 TIME: 9:42:50 AM
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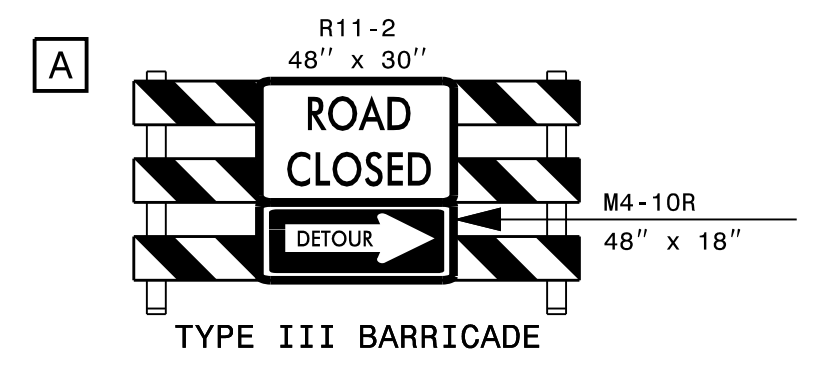
NOTES:
 1. THIS DETAIL SHEET ALSO APPLIES TO THE WB TRAFFIC DIRECTION & WORK AREA.

APPROVED: *Michael T. Rzepka*
 DATE: 1/14/2022
 SEAL




BRIDGE # 330392
BRIDGE WORK ALONG
INSIDE LANE OF I-74
TYPICAL DETAIL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



CMS 1

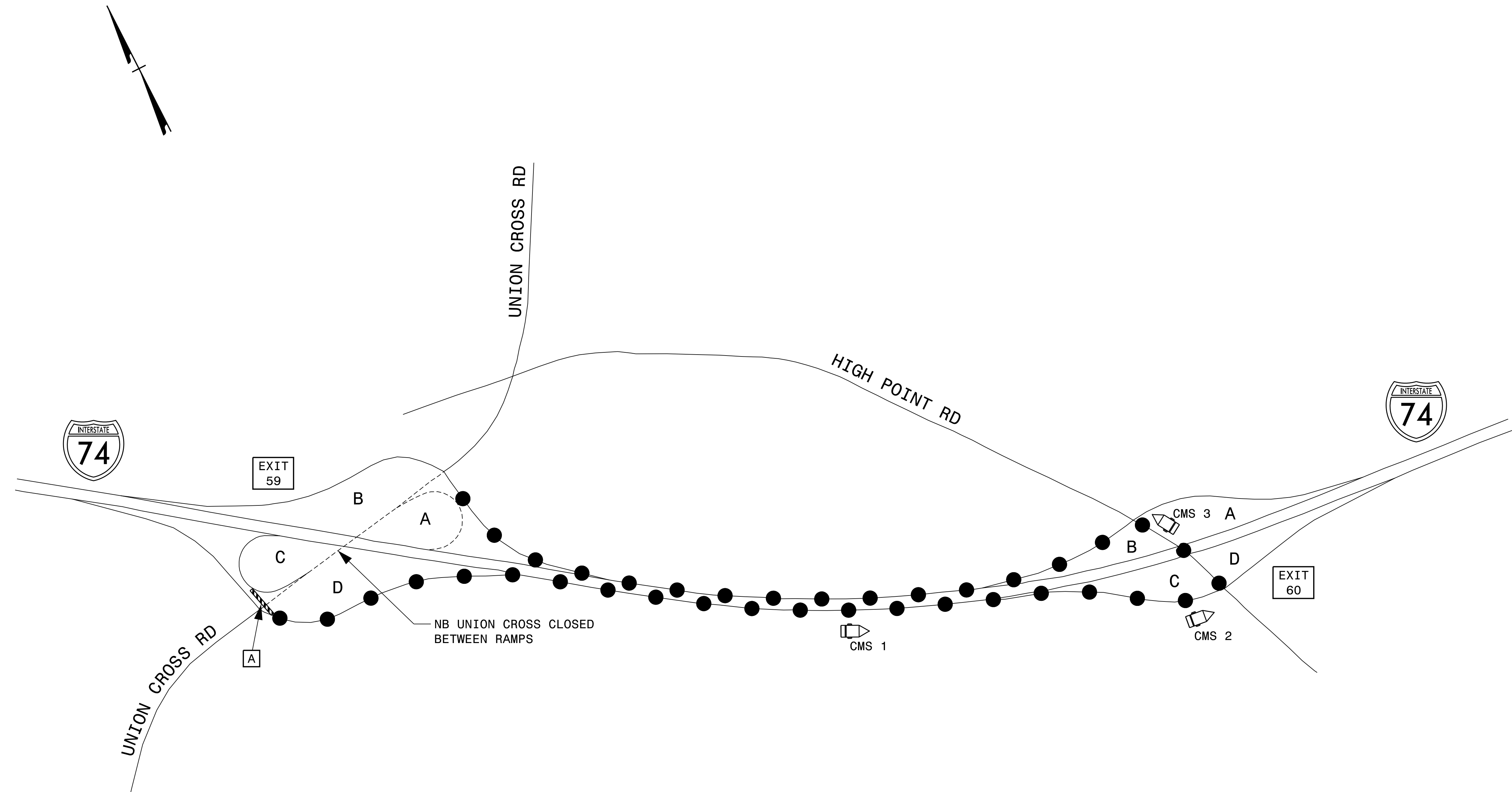
MESSAGE NO. 1	MESSAGE NO. 2
UNION CROSS I-74 W	DETOURS NEXT EXIT

CHANGEABLE MESSAGE SIGN

CMS 2 & 3

MESSAGE NO. 1	MESSAGE NO. 2
UNION CROSS	I-74 W

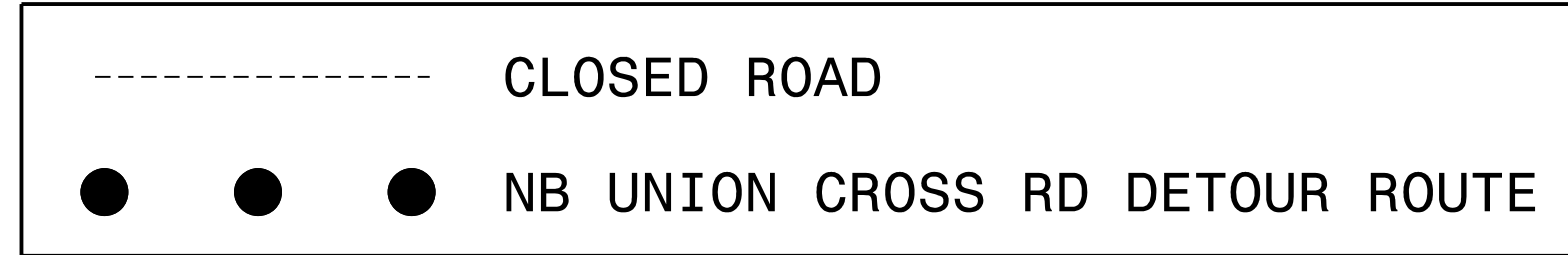
CHANGEABLE MESSAGE SIGN



REVISIONS

PLOT DRIVER: NCDOT_pdf_color_eng_50.pit
 USER: BSCOTT
 DATE: 1/14/2022
 TIME: 1:58:14 PM
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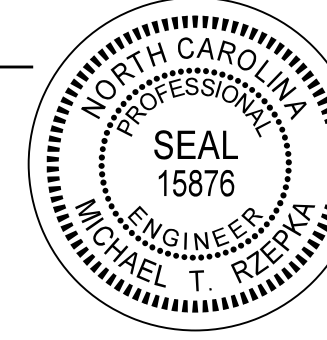
- NOTES:
1. COVER ANY CONFLICTING SIGNS.
 2. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
 3. DELINEATE CMS BOARD WITH DRUMS.
 4. CLOSE TURN LANES LEADING TO A CLOSED RAMP WITH DRUMS AT MAXIMUM 10' SPACING.
 5. SEE SHEET TMP-24 FOR ADDITIONAL ROAD CLOSURE DETAILS.



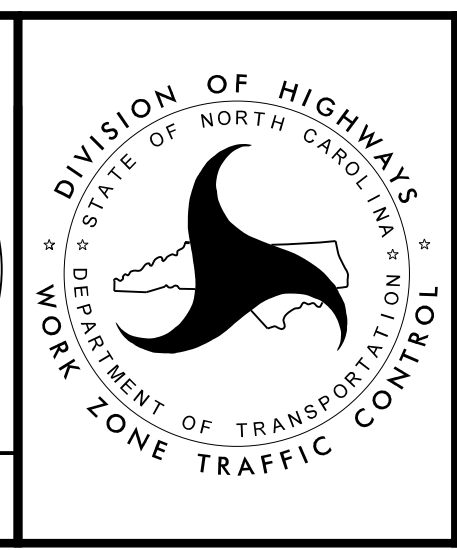
APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

SEAL

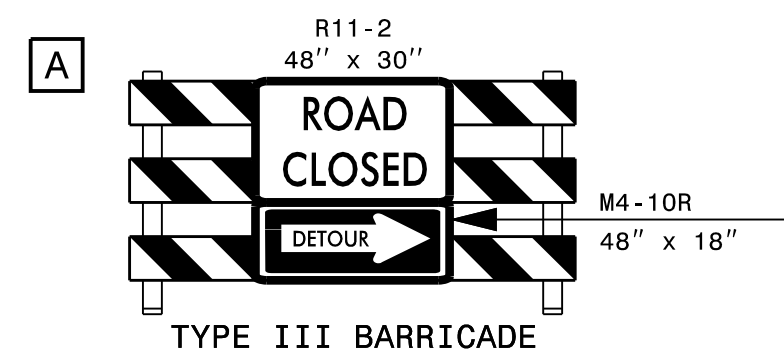


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



BRIDGE # 330392

NORTHBOUND
UNION CROSS RD
7-DAY CLOSURE

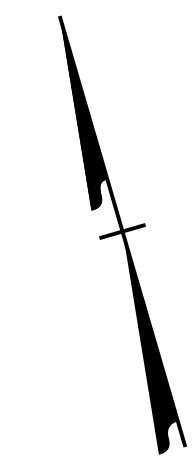


CMS 1	
MESSAGE NO. 1	MESSAGE NO. 2
UNION CROSS	DETOURS NEXT
I-74 E	EXIT

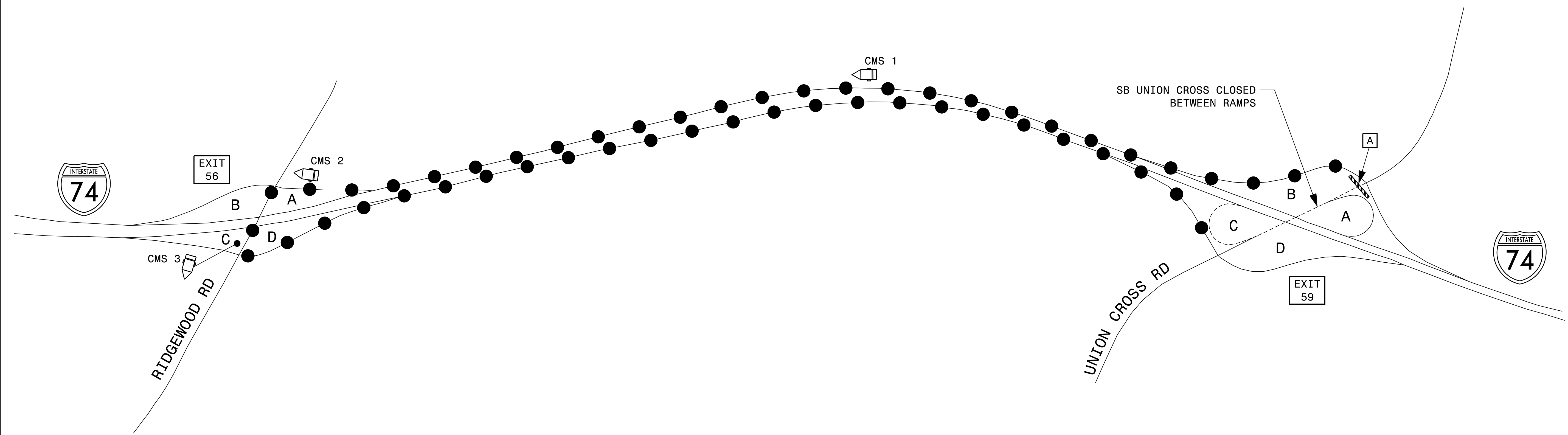
CHANGEABLE MESSAGE SIGN

CMS 2 & 3	
MESSAGE NO. 1	MESSAGE NO. 2
UNION CROSS	I-74 E
<-----	<-----

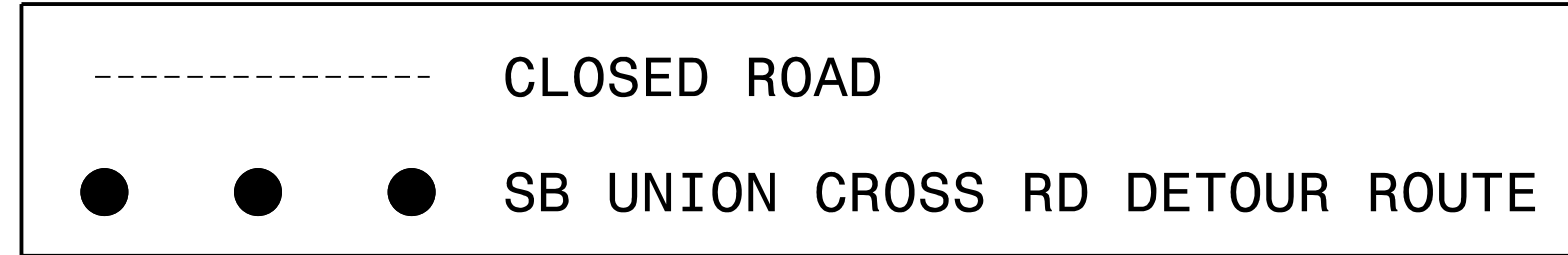
CHANGEABLE MESSAGE SIGN



REVISIONS



- NOTES:
1. COVER ANY CONFLICTING SIGNS.
 2. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
 3. DELINEATE CMS BOARD WITH DRUMS.
 4. CLOSE TURN LANES LEADING TO A CLOSED RAMP WITH DRUMS AT MAXIMUM 10' SPACING.
 5. SEE SHEET TMP-25 FOR ADDITIONAL ROAD CLOSURE DETAILS.



PLOT DRIVER: NCDOT_pdf_color_eng_50.plt
 USER: BSCOTT
 DATE: 1/14/2022
 TIME: 1:59:13 PM
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APPROVED: *Michael T. Rzepka*


DATE: 1/14/2022

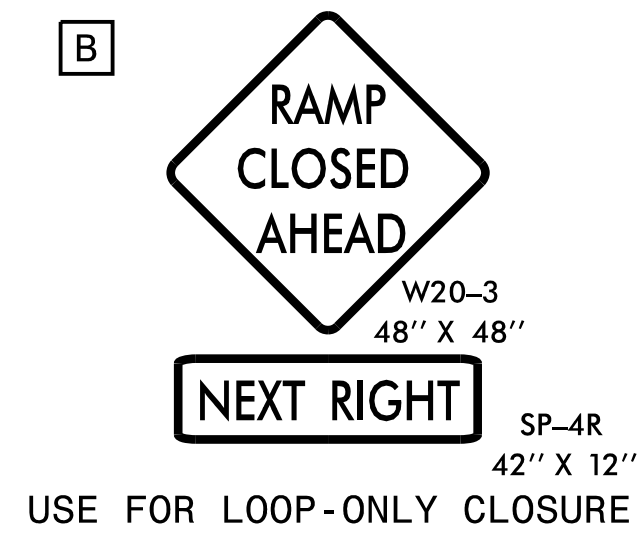
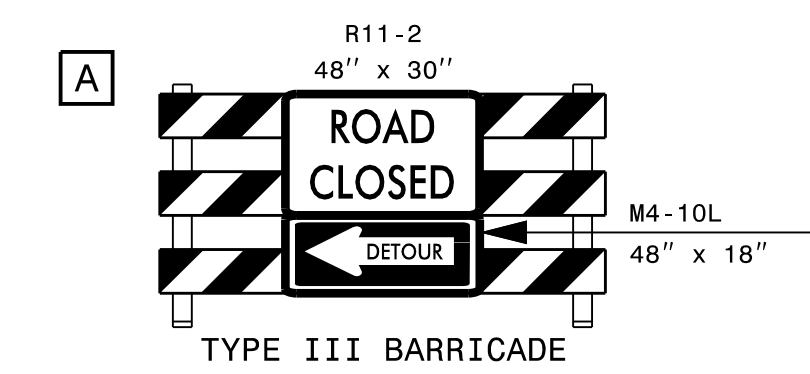
SEAL

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

BRIDGE # 330392

**SOUTHBOUND
UNION CROSS RD
7-DAY CLOSURE**

PROJ. REFERENCE NO.	SHEET NO.
15BPR.55	TMP-30
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	



CMS 1

MESSAGE NO. 1	MESSAGE NO. 2
I-74 W RAMP CLOSED	FOLLOW DETOUR AHEAD

CHANGEABLE MESSAGE SIGN

CMS 2

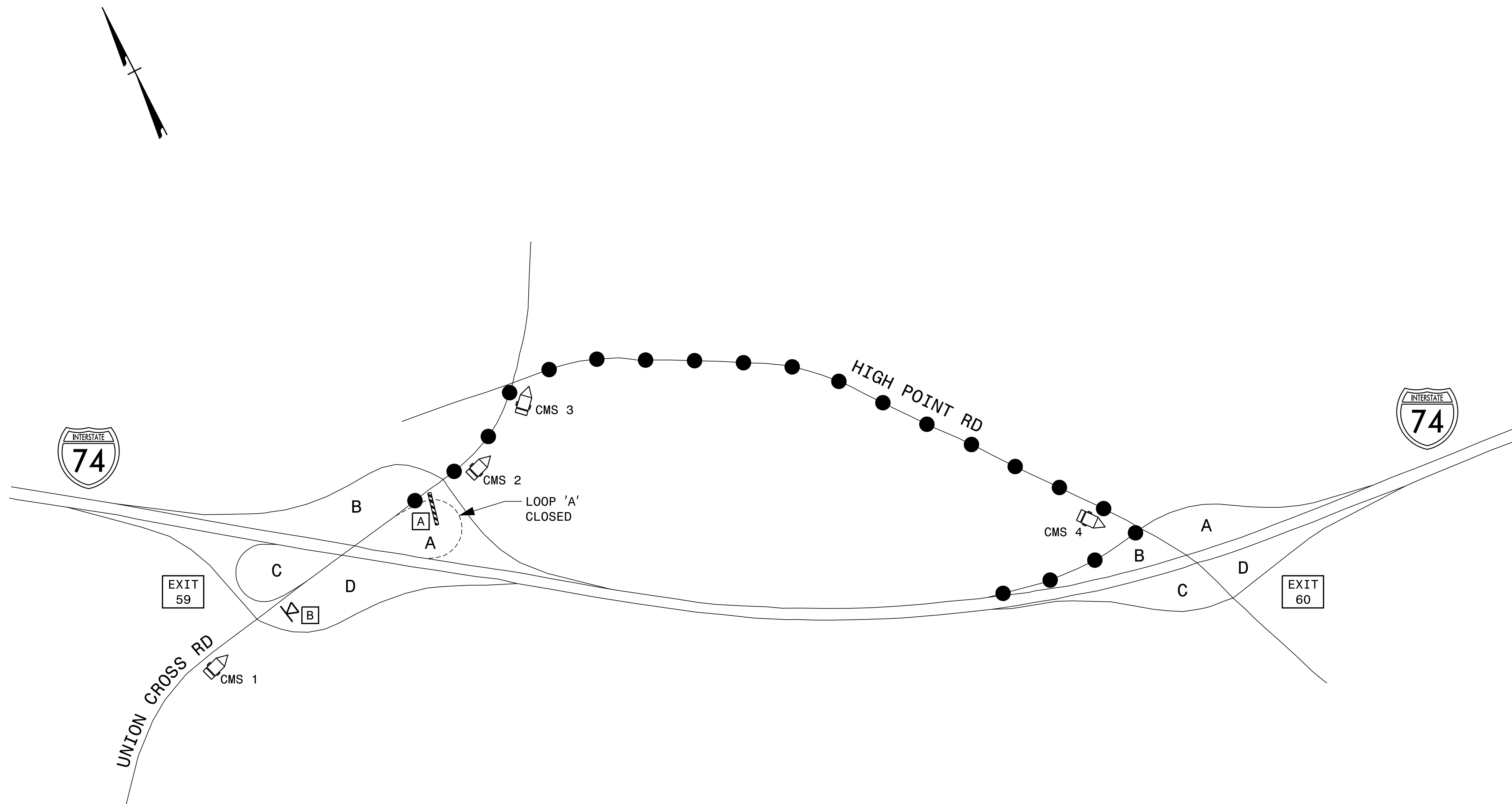
MESSAGE NO. 1	MESSAGE NO. 2
I-74 WEST DETOUR	NEXT RIGHT

CHANGEABLE MESSAGE SIGN

CMS 3 & 4

MESSAGE NO. 1	MESSAGE NO. 2
I-74 W DETOUR	I-74 W DETOUR

CHANGEABLE MESSAGE SIGN

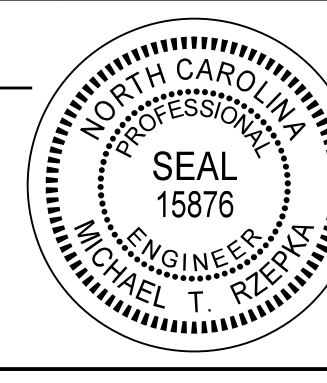


- NOTES:
1. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
 2. DELINEATE CMS BOARD WITH DRUMS.
 3. CLOSE TURN LANES LEADING TO A CLOSED RAMP WITH DRUMS AT MAXIMUM 10' SPACING.

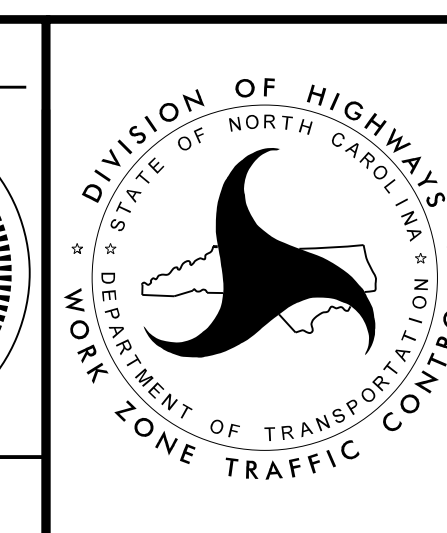
APPROVED: *Michael T. Rzepka*

DATE: 1/14/2022

SEAL

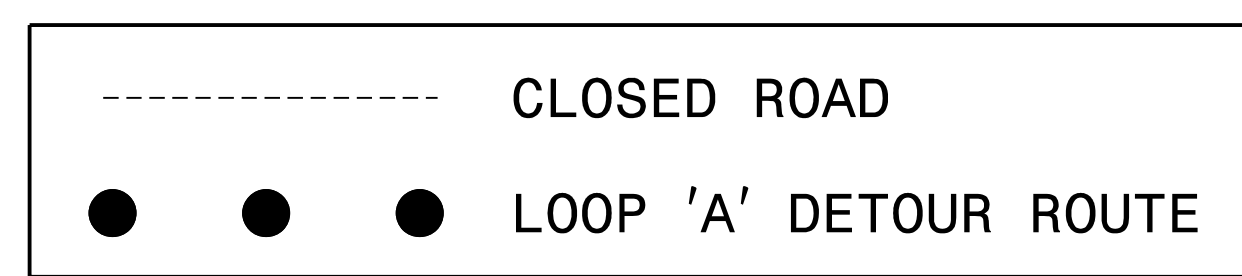


**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



BRIDGE # 330392

UNION CROSS RD
LOOP 'A'
OVERNIGHT CLOSURE

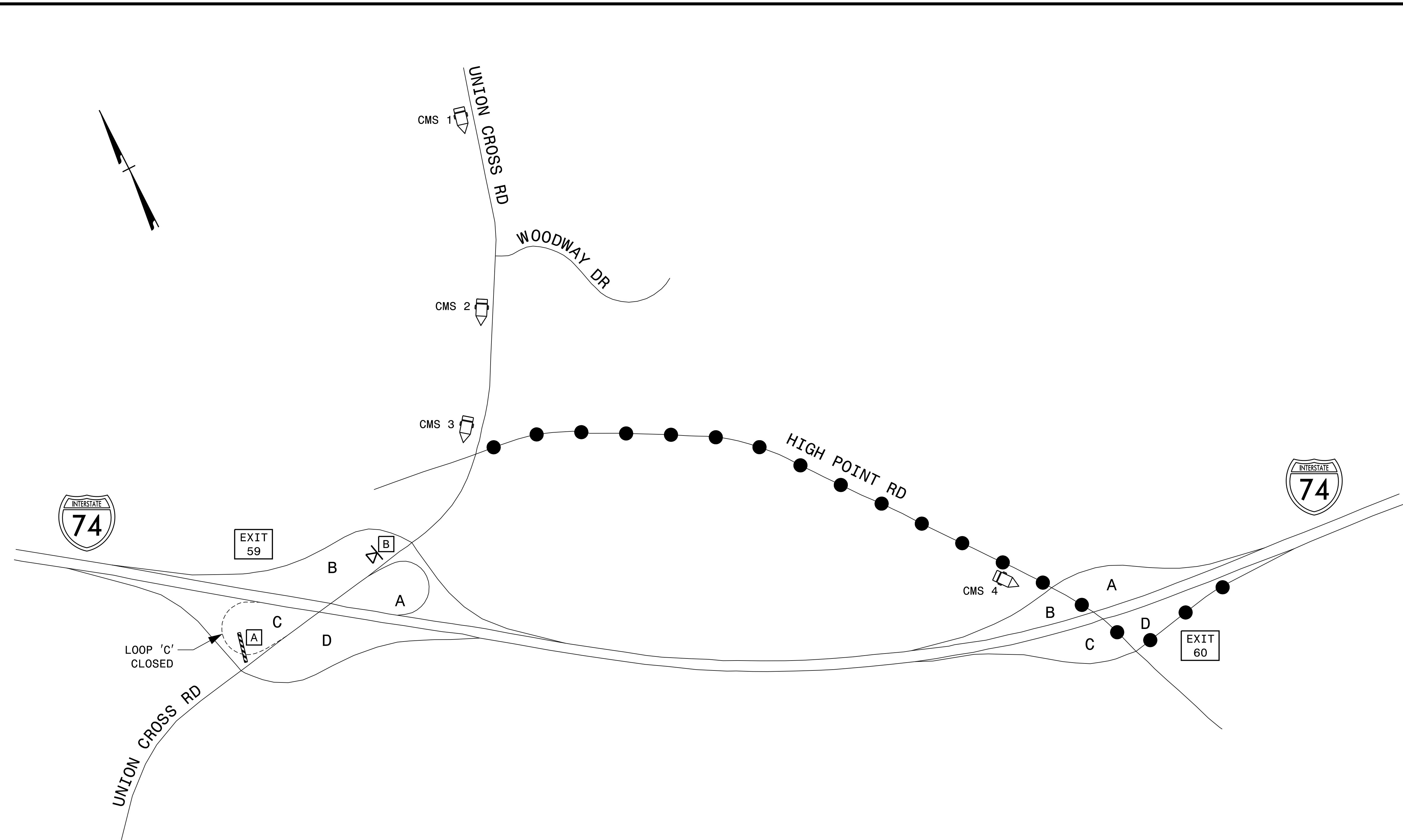


PLOT DRIVER: NCDOT_pdf_color_eng_50.plt
 USER: BSCOTT
 DATE: 1/14/2022
 TIME: 2:00:19 PM
 FILE: p:\p\h\p\h\users\01\h\h\US_East_01\Documents\3322\1032846\6.0_CAD_BIM\6.2_WIP\Traffic\TrafficControl\TCP_Shr*330392_TC_TMP-30.dgn

REVISONS

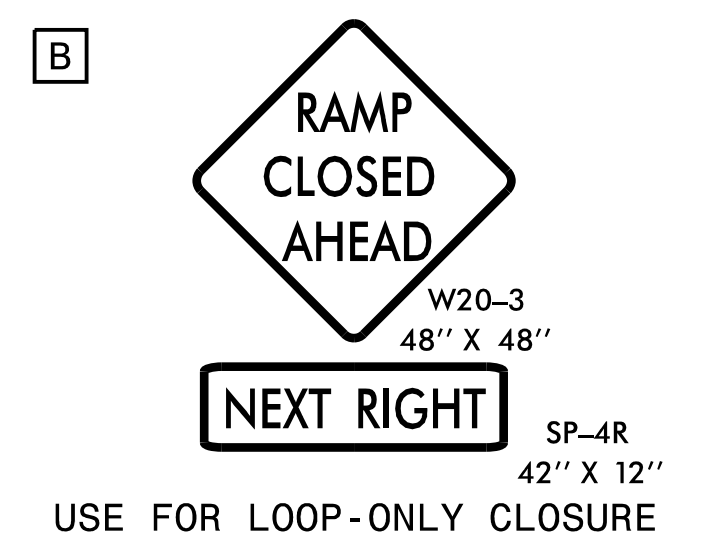
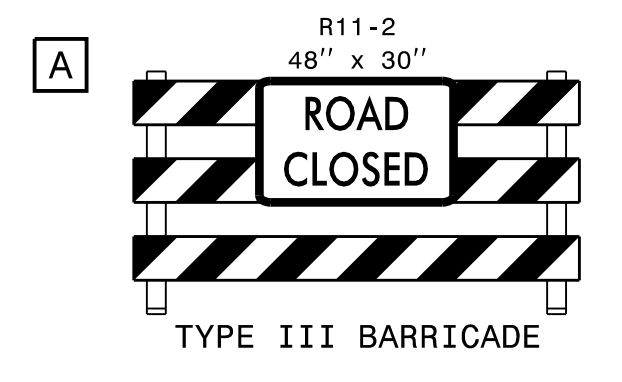
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USER: BSCOTT
PENTABLE: NCDOT_tcp.tbl
DATE: 1/14/2022
TIME: 2:01:20 PM
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REVISIONS



PROJ. REFERENCE NO.	SHEET NO.
15BPR.55	TMP-31

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



CMS 1	
MESSAGE NO. 1	MESSAGE NO. 2
I-74 E RAMP CLOSED	FOLLOW DETOUR AHEAD

CHANGEABLE MESSAGE SIGN

CMS 2	
MESSAGE NO. 1	MESSAGE NO. 2
I-74 EAST DETOUR	NEXT LEFT

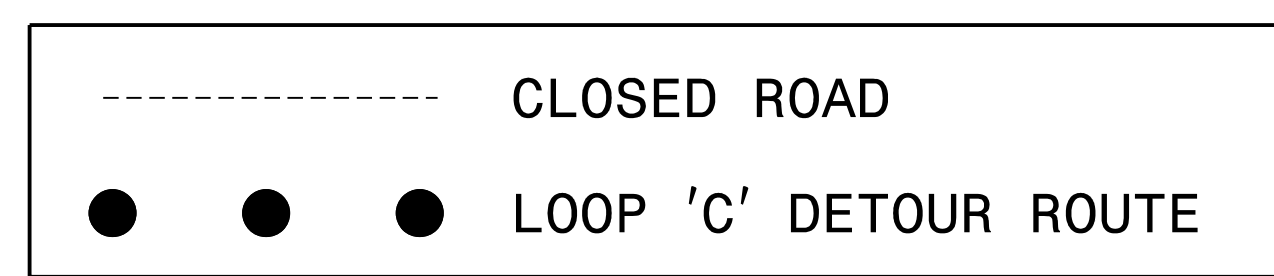
CHANGEABLE MESSAGE SIGN

CMS 3	
MESSAGE NO. 1	MESSAGE NO. 2
I-74 E DETOUR	I-74 E DETOUR

CHANGEABLE MESSAGE SIGN

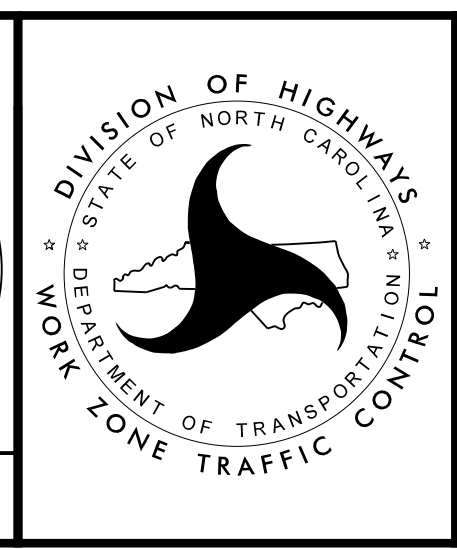
CMS 4	
MESSAGE NO. 1	MESSAGE NO. 2
I-74 E NEXT LEFT	I-74 E NEXT LEFT

CHANGEABLE MESSAGE SIGN



- NOTES:
 1. CMS PLACEMENT & MESSAGE AT THE DISCRETION OF THE ENGINEER.
 2. DELINEATE CMS BOARD WITH DRUMS.
 3. CLOSE TURN LANES LEADING TO A CLOSED RAMP WITH DRUMS AT MAXIMUM 10' SPACING.

APPROVED: *Michael T. Rzepka*
 DATE: 1/14/2022
 SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 15876
 MICHAEL T. RZEPKA



BRIDGE # 330392
 UNION CROSS RD
 LOOP 'C'
 OVERNIGHT CLOSURE