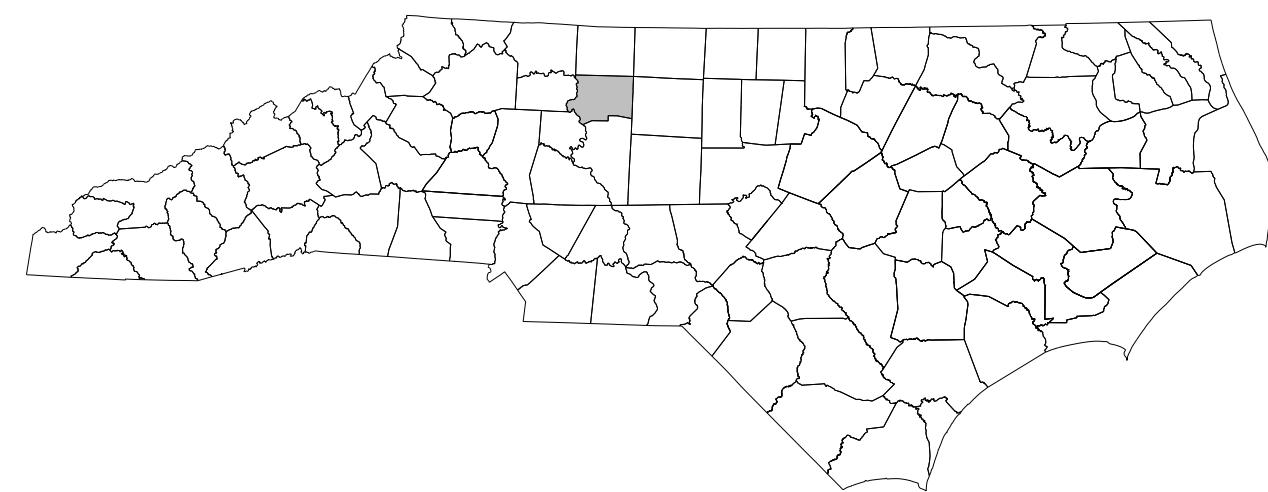


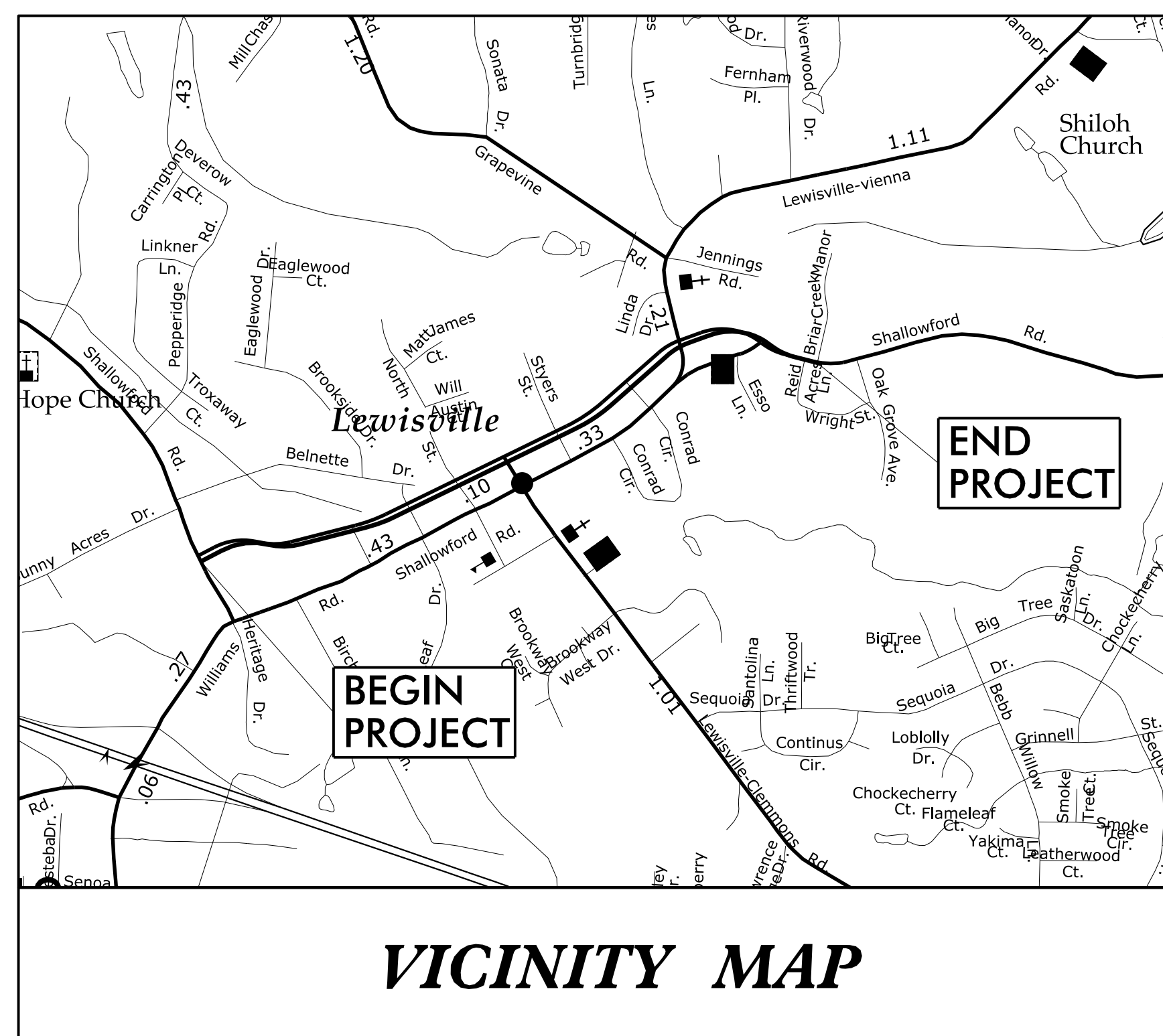
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**TRANSPORTATION MANAGEMENT PLAN**

**FORSYTH COUNTY**



**LOCATION: PROPOSED GREAT WAGON ROAD FROM SR 1001  
(SHALLOWFORD ROAD) TO SR 1308 (LEWISVILLE-  
VIENNA ROAD) IN LEWISVILLE**



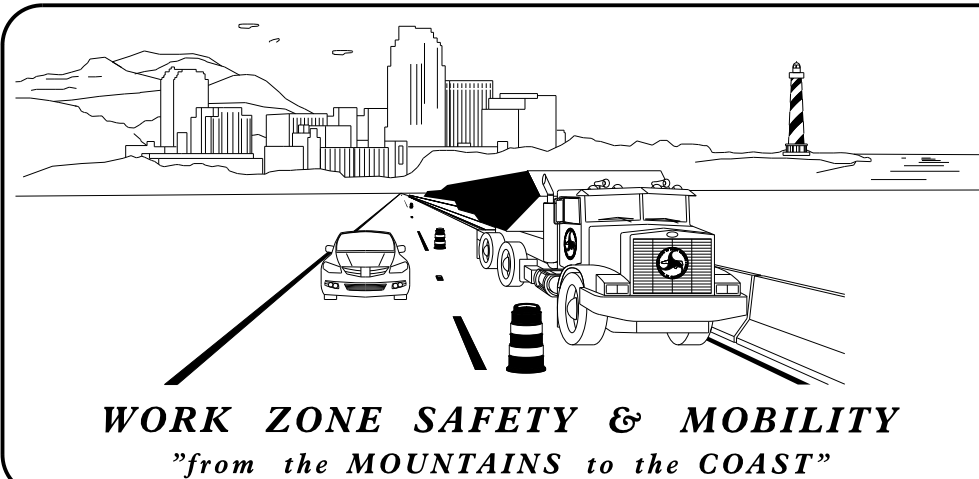
**VICINITY MAP**

**INDEX OF SHEETS**

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-1B THRU TMP-1D	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL/LOCAL NOTES, AND PHASING)
TMP-2 THRU TMP-8	PHASE 1 DETAILS
TMP-9 THRU TMP-13	PHASE 2 DETAILS
TMP-14 THRU TMP-18	PHASE 3 DETAILS
TMP-19 THRU TMP-20	PHASE 4 DETAILS
TMP-21 THRU TMP-22	PHASE 5 DETAILS
TMP-23	PEDESTRIAN DETOUR ROUTES
TMP-24	SIGN DESIGN

SHEET NO.  
TMP-1

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**PLANS PREPARED BY:**

ADAM CONRAD, P.E.  
**PROJECT ENGINEER**

SAMUEL MILLER, E.I.  
**PROJECT DESIGN ENGINEER**

**NCDOT CONTACTS:**

KEN THORNEWELL, P.E.  
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**PROJECT DESIGN ENGINEER**



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APPROVED: *Adam M. Conrad*  
DATE: 12/19/2024

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**TIP PROJECT: U-5536**

# 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:

STD. NO.	TITLE
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
1130.01	DRUM
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 MULTI-LANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1205.16	BICYCLE FACILITIES - SYMBOLS AND DETAILS

# 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
- WEDGING AND OVERLAY

## SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

## PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

## TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)/PED CHANNELIZATION DEVICE
- 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

## TEMPORARY PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION		PAINT PAVEMENT MARKING SYMBOLS
	<u>PAINT (4")</u>		
P1	WHITE EDGELINE	P70	LEFT TURN ARROW
P2	WHITE SOLID LANE LINE	P71	RIGHT TURN ARROW
P10	YELLOW EDGELINE	P74	COMBO. RIGHT/STRAIGHT ARROW
P11	YELLOW SINGLE CENTER	P75	COMBO. LEFT/RIGHT ARROW
P12	10FT. YELLOW SKIP	P76	COMBO. LEFT/RIGHT/STRAIGHT ARROW
P13	YELLOW DOUBLE CENTER		
	<u>PAINT (8")</u>		
P46	WHITE CROSSWALK LINE		
	<u>PAINT (24")</u>		
P61	WHITE STOPBAR		
P62	WHITE CROSSWALK LINE		

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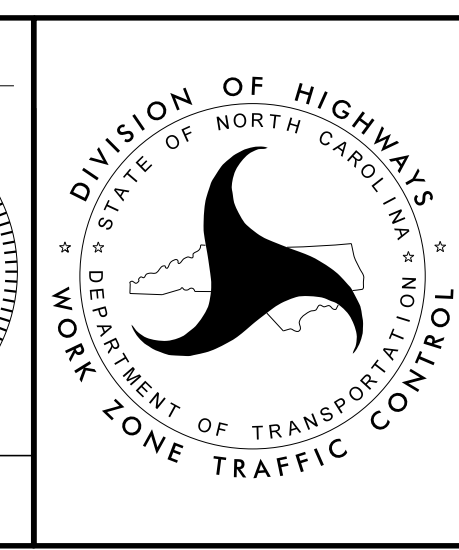
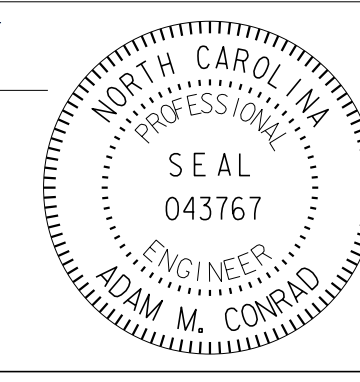


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DATE: 12/19/2024

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ROADWAY STANDARD  
DRAWINGS & LEGEND



# PHASING

## GENERAL NOTES

### TRAFFIC CONTROL DEVICES

- Q) 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.
- R) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- S) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES DRUMS PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

### PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
ALL ROADS	PAINT	NONE
- U) 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.
- V) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- W) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND ARKERS BY THE END OF EACH DAY'S OPERATION.
- X) TRACE THE PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO INSTALLATION. PLACE DRUMS TO DELINEATE ANY PROPOSED MONOLITHIC ISLANDS BEFORE INSTALLATION.

### MISCELLANEOUS

- Y) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- Z) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) 100 FT AND 100 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.
- AA) ALL CURB RAMP LOCATIONS SHALL BE DERIVED FROM STATIONING SHOWN ON PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER IN COORDINATION WITH THE SIGNING AND DELINEATION UNIT.
- BB) CONTRACTOR SHALL MAINTAIN SIDEWALK ACCESS AT ALL TIMES AS STATED IN THE PHASING. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SIDEWALKS (CONCRETE, ASPHALT, OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER) AT ALL LOCATIONS WHERE THE OPEN PEDESTRIAN TRAVELWAY HAS BEEN REMOVED FOR CONSTRUCTION OPERATIONS (UTILITIES, DRAINAGE, ETC.). SEE THE PEDESTRIAN DETOUR DETAIL ON SHEET TMP-23 FOR INFORMATION ON SETTING UP PEDESTRIAN DETOURS.

## LOCAL NOTES

- 1. NOTIFY FORSYTH COUNTY EMERGENCY SERVICES AND PUBLIC SCHOOLS AT LEAST ONE MONTH PRIOR TO LANE/ROAD CLOSURES.

AS CONSTRUCTION PROGRESSES, INSTALL FINAL SIGNING AS SHOWN IN THE SIGNING PLANS BEFORE SHIFTING TRAFFIC TO FINAL TRAFFIC PATTERN.

### PHASE 1:

STEP 1: AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES ON NEW LOCATION (SEE TMP-2 THRU TMP-5 FOR DETAILS AND REQUIRED LANE CLOSURES AT TIE IN LOCATIONS):

- 1) -L- STA. 12+90± TO -L- STA. 31+00± (INCLUDING PORTION OF -RABT1-)
- 2) -L- STA. 35+93± TO -L- STA. 45+43± (INCLUDING -RABT2-)
- 3) -L- STA. 45+63± TO -L- STA. 58+30± (INCLUDING PORTION OF -RABT4-)
- 4) -Y5- STA. 13+35± TO -Y5- STA. 15+23± (INCLUDING PORTION OF -RABT3-)
- 5) -Y4- STA. 10+18± TO -Y4- STA. 13+51± (EXCLUDING PROP CONSTRUCTION THAT CLOSSES THE EXIST DRIVEWAY TO PARCEL 7 OFF SR 1001 (SHALLOWFORD RD))
- 6) -Y7- STA. 10+18± TO -Y7- STA. 12+91±

USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 1 OF 19)) AND FLAGGERS (AS NEEDED), CONSTRUCT THE FOLLOWING WIDENING LOCATIONS INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES (SEE TMP-4 FOR DETAILS):

- 1) -Y6- STA. 12+24± TO -Y6- STA. 13+34±

STEP 1A: INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN IN INSET A ON SHEET TMP-3. SHIFT TRAFFIC CONTROL SETUP (AS SHOWN IN INSET A ON SHEET TMP-3) TO ALLOW DRIVEWAY ACCESS TO PARCEL 7 OFF OF THE NEWLY CONSTRUCTED -Y4- ROADWAY FROM PHASE 1 STEP 1. USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 2 OF 19)), CLOSE THE SR 1001 (SHALLOWFORD RD) WB TRAVEL LANE TO TRAFFIC AND CONSTRUCT THE PROPOSED CURB & GUTTER AND SIDEWALK TO CLOSE THE EXISTING DRIVEWAY TO PARCEL 7.

STEP 1B: INSTALL DETOUR SIGNING AS SHOWN ON TMP-3A, COVERING ALL DETOUR SIGNS UNTIL TRAFFIC IS READY TO BE SWITCHED OVER TO THE DETOUR.

USING NCDOT RSD 1101.03 (SHEETS 1 & 2 OF 9) AND THE DETAIL ON SHEET TMP-3A, CLOSE GREAT WAGON ROAD TO TRAFFIC FROM -L- STA. 31+05± TO -L- STA. 35+93±, SHIFTING TRAFFIC ONTO THE OFF-SITE DETOUR AND UNCOVERING THE DETOUR SIGNS PREVIOUSLY INSTALLED. CONSTRUCT THE PROPOSED WATERLINE, SEWER, AND FORCE MAIN WITHIN THE EXISTING ROADWAY. ACCESS MUST BE MAINTAINED TO -Y10- AT ALL TIMES.

STEP 2: USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 1 OF 19)) AND FLAGGERS (AS NEEDED), CONSTRUCT THE FOLLOWING WIDENING LOCATIONS INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES (SEE TMP-6 FOR DETAILS):

- 1) -L- STA. 31+00± TO STA. 35+93± (INCLUDING SIDE ROAD CURB & GUTTER AND SIDEWALK ON -Y9- AND -Y10-)

STEP 3: USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEETS 1 AND 2 OF 19)) AND FLAGGERS (AS NEEDED), CONSTRUCT THE FOLLOWING WEDGING AND WIDENING LOCATIONS INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES (SEE TMP-7 AND TMP-8 FOR DETAILS):

- 1) -Y9- STA. 12+15± TO -Y9- STA. 13+95±
- 2) -L- STA. 31+00± TO -L- STA. 35+93±
- 3) -Y10- STA. 11+95± TO -Y10- STA. 13+76±
- 4) -Y6- STA. 10+18± TO -Y6- STA. 12+24±
- 5) -Y6- STA. 13+34± TO STA. -Y6- 14+30±

### PHASE 2:

STEP 1: INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON SHEETS TMP-10 THRU TMP-12 PRIOR TO SHIFTING TRAFFIC ONTO NEWLY CONSTRUCTED ROADWAY SEGMENTS FROM PHASE 1. INSTALL DETOUR SIGNING AS SHOWN ON TMP-13, COVERING ALL DETOUR SIGNS UNTIL TRAFFIC IS READY TO BE SWITCHED OVER TO THE DETOUR.

USING NCDOT RSD 1101.03 (SHEETS 1 & 2 OF 9) AND THE DETAILS ON SHEETS TMP-9 THRU TMP-12, CLOSE SR 1001 (SHALLOWFORD RD) TO TRAFFIC FROM -Y3- STA. 12+30± TO -Y2- STA. 12+50±, SHIFTING TRAFFIC ONTO THE OFF-SITE DETOUR AND UNCOVERING THE DETOUR SIGNS PREVIOUSLY INSTALLED. CONSTRUCT THE FOLLOWING INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES:

- 1) -L- STA. 10+78± TO -L- STA. 12+90±
- 2) REMAINING PORTION OF -RABT1-
- 3) -Y2-
- 4) -Y3-

INTERMEDIATE CONTRACT TIME: COMPLETE THE WORK REQUIRED IN PHASE 2-STEP 1 IN ONE-HUNDRED (100) CONSECUTIVE CALENDAR DAYS (SEE CONTRACT FOR LIQUIDATED DAMAGES).

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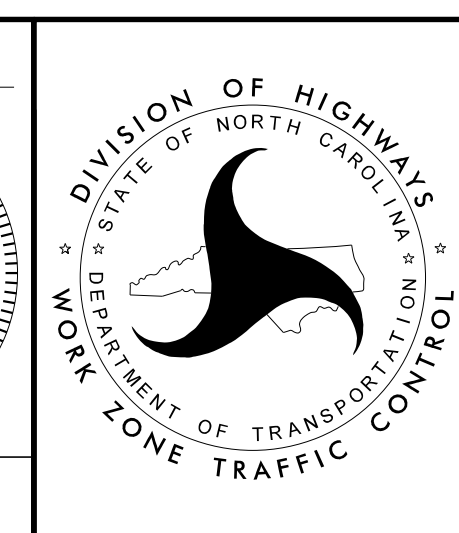


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PROJ. REFERENCE NO.	SHEET NO.
U-5536	TMP-1D

# PHASING

## PHASE 3:

STEP 1: USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 2 OF 19)), CLOSE A MAXIMUM OF ONE LANE AT A TIME TO TRAFFIC TO CONSTRUCT THE FOLLOWING WIDENING LOCATIONS INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES (SEE TMP-14 AND TMP-15 FOR DETAILS);

- 1)-Y8- STA. 12+10± TO STA. 18+33±

USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 1 OF 19)) AND FLAGGERS (AS NEEDED), CONSTRUCT THE FOLLOWING WIDENING/WEDGING LOCATIONS INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES (SEE TMP-14 AND TMP-15 FOR DETAILS);

- 1)-L- STA. 58+30± TO STA. 68+12± (INCLUDING TEMPORARY PAVEMENT AND REMAINDER OF -RABT4-)
- 2)-Y8- STA. 15+15± TO -Y8- STA. 18+33±

THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGING, AS NEEDED, TO TIE PROPOSED CONSTRUCTION INTO EXISTING.

STEP 2: INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON SHEET TMP-16 PRIOR TO SHIFTING TRAFFIC ONTO NEWLY CONSTRUCTED ROADWAY SEGMENTS FROM PHASE 3-STEP 1. USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 2 OF 19)), CLOSE A MAXIMUM OF ONE LANE AT A TIME TO TRAFFIC TO CONSTRUCT THE FOLLOWING WIDENING/WEDGING LOCATIONS INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES (SEE TMP-16 FOR DETAILS);

- 1)-Y8- STA. 12+10± TO STA. 15+15±
- 2)-Y1B- CONNECTION TO -Y8- UP TO STA. 10+97±

THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGING, AS NEEDED, TO TIE PROPOSED CONSTRUCTION INTO EXISTING.

STEP 3: SHIFT TRAFFIC ON GREAT WAGON ROAD TO FINAL TRAFFIC PATTERN ON -L-. USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 1 OF 19)) AND FLAGGERS (AS NEEDED), CONSTRUCT THE FOLLOWING WEDGING AND WIDENING LOCATIONS INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES (SEE TMP-17 THRU TMP-18 FOR DETAILS);

- 1) -L- STA. 68+59± TO -L- STA. 70+45±
- 2) -Y1B- STA. 10+97± TO -Y1B- STA. 16+13±

INSTALL TEMPORARY PAVEMENT MARKINGS IN FINAL TRAFFIC PATTERN AS SHOWN IN THE PAVEMENT MARKING PLANS FOR LOCATIONS 1 AND 2 SHOWN ABOVE PRIOR TO REOPENING LANES TO TRAFFIC.

## PHASE 4:

STEP 1: INSTALL DETOUR SIGNING AS SHOWN ON SHEET TMP-20, COVERING ALL DETOUR SIGNS UNTIL TRAFFIC IS READY TO BE SWITCHED OVER TO THE DETOUR.

USING NCDOT RSD 1101.03 (SHEET 1 & 2 OF 9) AND THE DETAIL ON SHEET TMP-19, CLOSE SR 1001 (SHALLOWFORD ROAD) TO WB TRAFFIC FROM -Y1A- STA. 11+35± TO -Y1A- STA. 16+00±, SHIFTING THE WB TRAFFIC ONTO THE OFF-SITE DETOUR AND UNCOVERING THE DETOUR SIGNS PREVIOUSLY INSTALLED.

ONCE THE OFF-SITE DETOUR IS IN PLACE, USE NCDOT RSD 1101.02 (SHEET 2 OF 14) TO CLOSE A MAXIMUM OF 2 LANES AT A TIME TO EB TRAFFIC ALONG SR 1001 (SHALLOWFORD ROAD) FROM -Y1A- STA. 11+35± TO -Y1A- STA. 16+00±, MAINTAINING A MINIMUM OF ONE LANE OPEN FOR EB TRAFFIC AT ALL TIMES. USING THE SAME DESIGN STANDARD, CLOSE A MAXIMUM OF ONE LANE AT A TIME TO TRAFFIC ALONG SR 1156 (LEWISVILLE CLEMMONS ROAD) FROM -Y5- STA. 11+37± TO -Y5- STA. 13+35±, MAINTAINING A MINIMUM OF ONE LANE OPEN IN EACH DIRECTION AT ALL TIMES, PROHIBITING LEFT TURNS SINCE -Y1A- IS CLOSED TO WB TRAFFIC. CONSTRUCT THE FOLLOWING INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES:

- 1) -Y1A- STA. 11+35± TO -Y1A- STA. 16+00±
- 2) -Y5- STA. 11+37± TO -Y5- STA. 13+35±

INSTALL TEMPORARY PAVEMENT MARKINGS IN FINAL TRAFFIC PATTERN AS SHOWN IN THE PAVEMENT MARKING PLANS FOR LOCATIONS 1 AND 2 SHOWN ABOVE PRIOR TO REOPENING LANES TO TRAFFIC.

## PHASE 5:

STEP 1: USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 1 OF 19)) AND FLAGGERS (AS NEEDED), CONSTRUCT THE FOLLOWING SEWER LOCATIONS:

- 1) -SS2- STA. 10+00± TO -SS2- STA. 10+77±
- 2) -SS2- STA. 11+50± TO -SS2- STA. 13+50±

PERFORM PAVEMENT PATCHING AS CONSTRUCTION PROGRESSES AND REOPEN THE ROADWAY TO THE PROPOSED TRAFFIC PATTERN ONCE COMPLETE.

STEP 2: INSTALL DETOUR SIGNING AS SHOWN ON SHEET TMP-21, COVERING ALL DETOUR SIGNS UNTIL TRAFFIC IS READY TO BE SWITCHED OVER TO THE DETOUR.

USING NCDOT RSD 1101.03 (SHEET 1 & 2 OF 9), CLOSE SR 1001 (SHALLOWFORD ROAD) TO TRAFFIC FROM JUST NORTH OF THE DAVID MCKEE STREET INTERSECTION TO JUST SOUTH OF THE LEWISVILLE CLEMMONS ROAD INTERSECTION, SHIFTING TRAFFIC ONTO THE OFF-SITE DETOUR AND UNCOVERING THE DETOUR SIGNS PREVIOUSLY INSTALLED.

ONCE THE OFF-SITE DETOUR IS IN PLACE, CONSTRUCT THE PROPOSED SEWER CROSSING SR 1001 (SHALLOWFORD ROAD) AT THE FOLLOWING LOCATIONS:

- 1) -SS2- STA. 10+77± TO -SS2- STA. 11+50±

PERFORM PAVEMENT PATCHING AS CONSTRUCTION PROGRESSES AND REOPEN THE ROADWAY TO THE PROPOSED TRAFFIC PATTERN ONCE COMPLETE.

STEP 3: INSTALL DETOUR SIGNING AS SHOWN ON SHEET TMP-22, COVERING ALL DETOUR SIGNS UNTIL TRAFFIC IS READY TO BE SWITCHED OVER TO THE DETOUR.

USING NCDOT RSD 1101.03 (SHEET 1 & 2 OF 9), CLOSE SR 1001 (SHALLOWFORD ROAD) TO TRAFFIC AT THE CONRAD CIRCLE (-Y7-) INTERSECTION, SHIFTING TRAFFIC ONTO THE OFF-SITE DETOUR AND UNCOVERING THE DETOUR SIGNS PREVIOUSLY INSTALLED.

ONCE THE OFF-SITE DETOUR IS IN PLACE, CONSTRUCT THE PROPOSED WATER AND SEWER LINES CROSSING SR 1001 (SHALLOWFORD ROAD) AT THE FOLLOWING LOCATIONS:

- 1) -SS3- STA. 12+23± TO -SS3- STA. 12+65±
- 2) -WL6- STA. 13+25± TO -WL6- STA. 13+60±

PERFORM PAVEMENT PATCHING AS CONSTRUCTION PROGRESSES AND REOPEN THE ROADWAY TO THE PROPOSED TRAFFIC PATTERN ONCE COMPLETE.

STEP 4: USING NCDOT RSD 1101.04 (SHEET 1 OF 2), CLOSE THE CONRAD CIRCLE NB SHOULDER TO TRAFFIC FROM -SS3- STA. 10+00± TO STA. 12+23±.

CONSTRUCT THE PROPOSED SEWER LINE ALONG CONRAD CIRCLE AT THE FOLLOWING LOCATIONS:

- 1) -SS3- STA. 10.00± TO -SS3- STA. 12+23±.

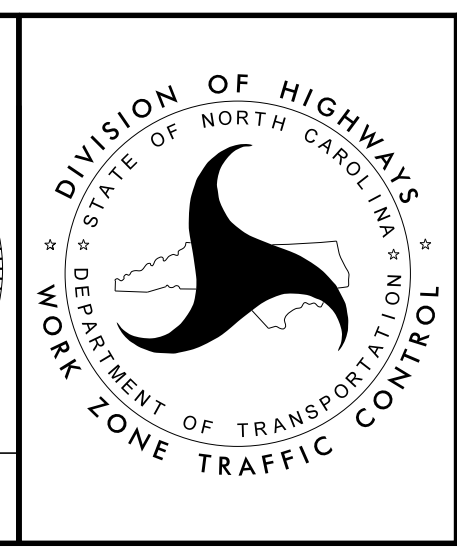
PERFORM PAVEMENT PATCHING AS CONSTRUCTION PROGRESSES AND REOPEN THE ROADWAY TO THE PROPOSED TRAFFIC PATTERN ONCE COMPLETE.

STEP 5: USING NCDOT RSD 1101.02 (SHEET 1 OF 19), AND FLAGGERS (AS NEEDED), PLACE THE FINAL LAYER OF ASPHALT PAVEMENT ON ALL ALIGNMENTS THROUGHOUT THE PROJECT LIMITS. AS THE PAVING OPERATION PROGRESSES, PLACE FINAL PAVEMENT MARKINGS ACCORDING TO THE PAVEMENT MARKING PLANS. OPEN LANES IN FINAL TRAFFIC PATTERN.

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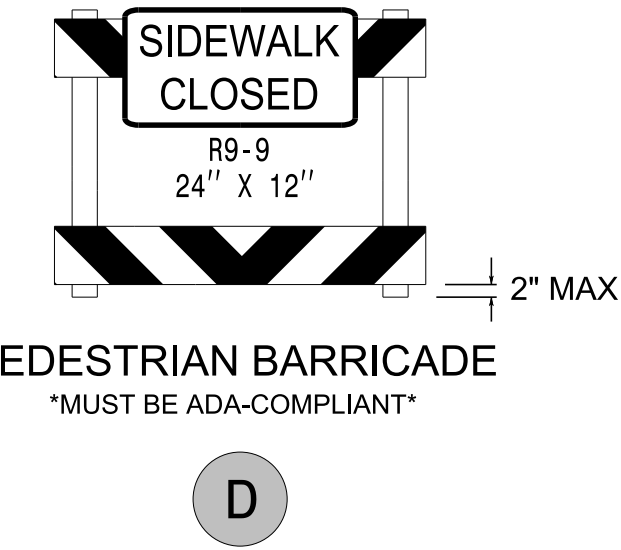
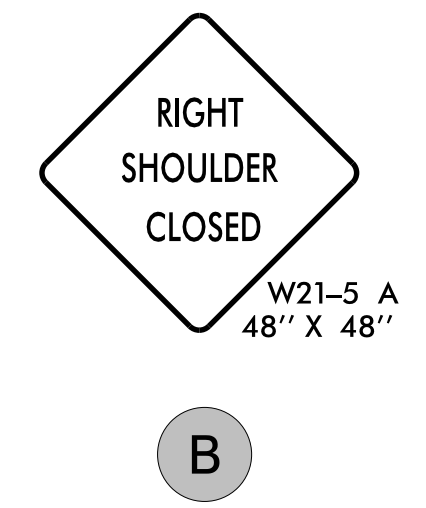
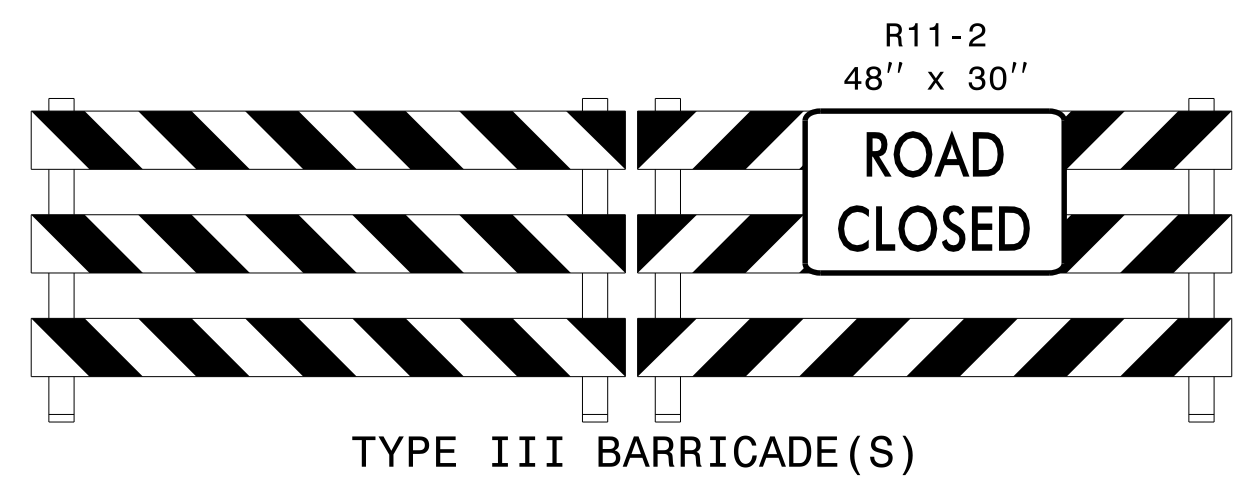
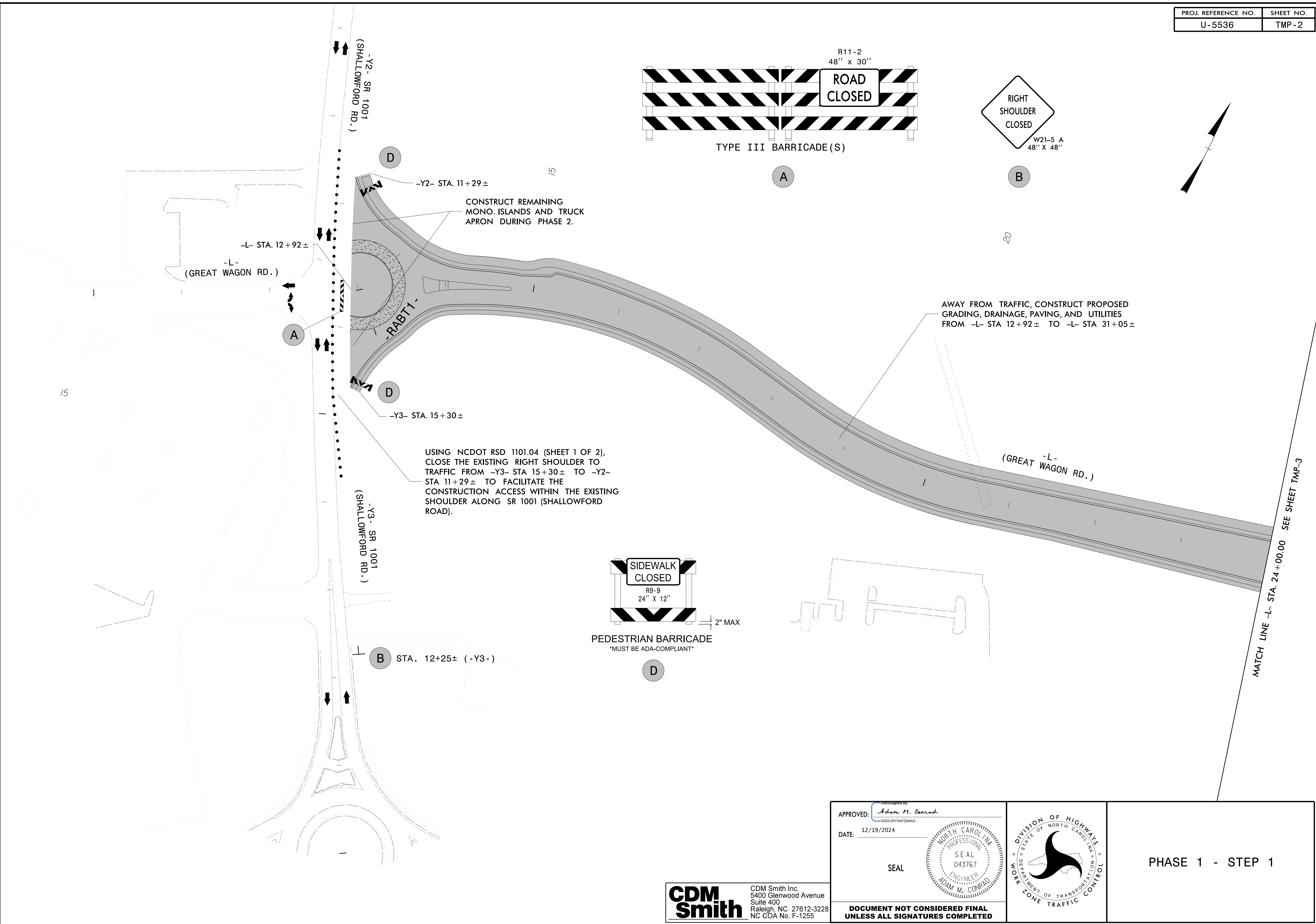


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TRANSPORTATION OPERATIONS PLAN

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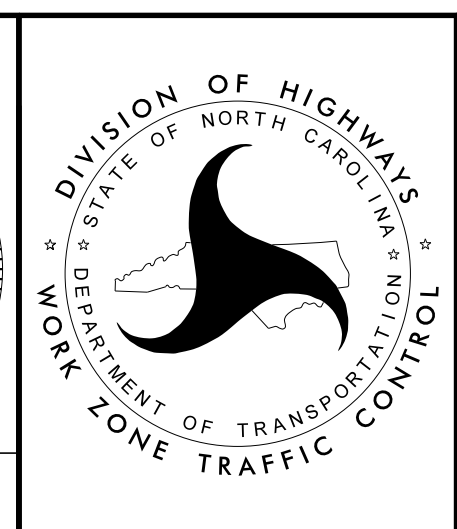
CONSTRUCT REMAINING MONO. ISLANDS AND TRUCK APRON DURING PHASE 2.

USING NCDOT RSD 1101.04 (SHEET 1 OF 2), CLOSE THE EXISTING RIGHT SHOULDER TO TRAFFIC FROM -Y3- STA 15+30± TO -Y2- STA 11+29± TO FACILITATE THE CONSTRUCTION ACCESS WITHIN THE EXISTING SHOULDER ALONG SR 1001 (SHALLOWFORD ROAD).

AWAY FROM TRAFFIC, CONSTRUCT PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES FROM -L- STA 12+92± TO -L- STA 31+05±

APPROVED: *Aden M. Conrad*  
DATE: 12/19/2024

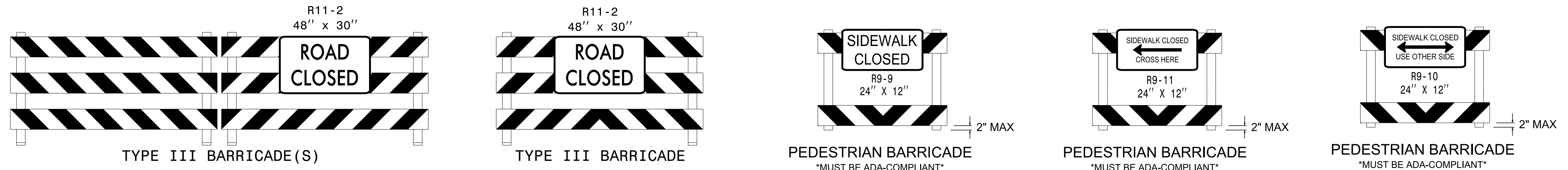
SEAL



PHASE 1 - STEP 1

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Suite 400  
Raleigh, NC 27612-3228  
NC COA No. F-1255

MATCH LINE -L- STA. 24+00.00 SEE SHEET TMP-3



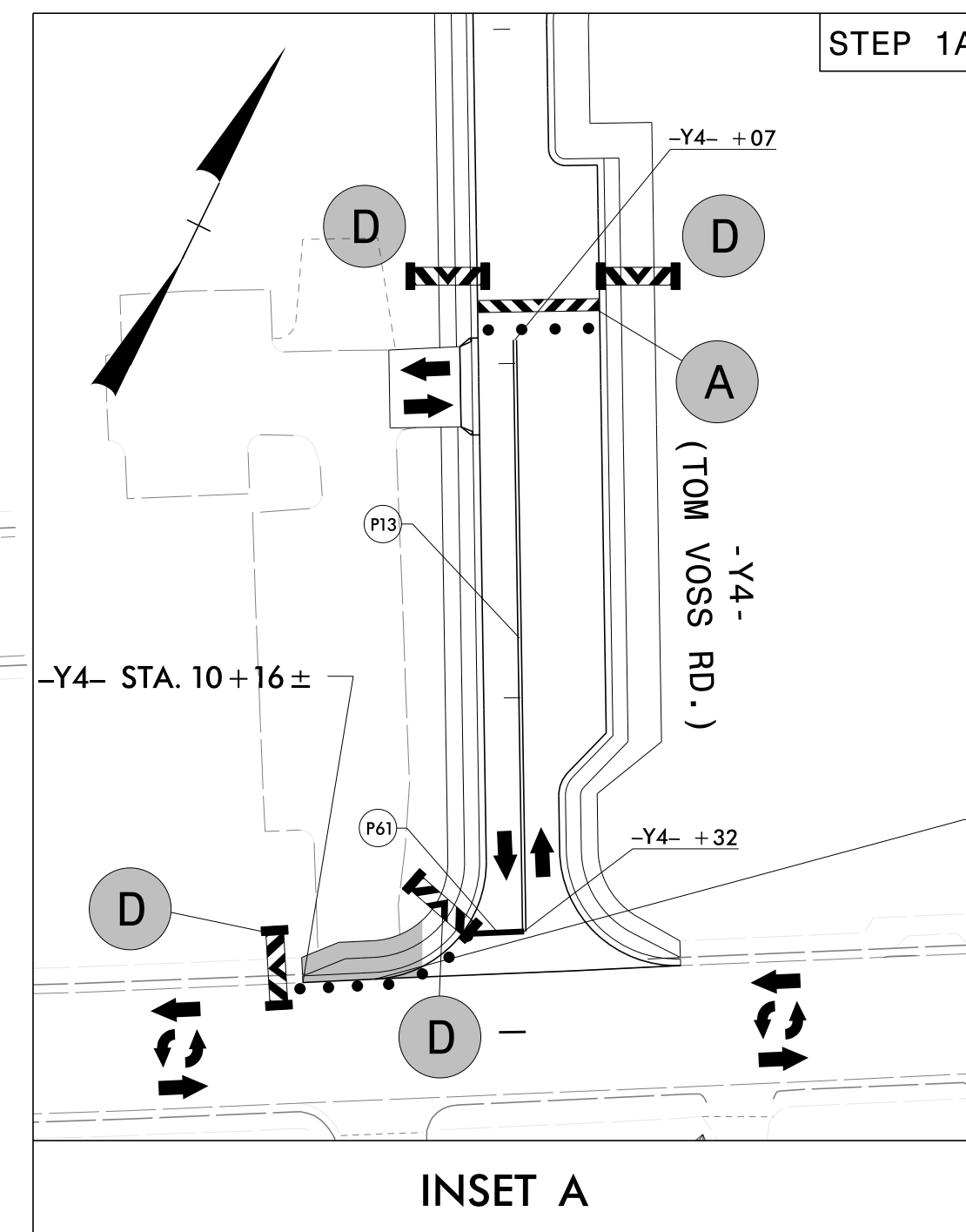
MATCH LINE -L- STA. 24+00.00 SEE SHEET TMP-2

MATCH LINE -L- STA. 38+00.00 SEE SHEET TMP-4

STEP 2: USING NCDOT RSD 1101.02 (SHEET 1 OF 19), AND FLAGGERS (AS NEEDED), CLOSE THE EB TRAVEL LANE AND CENTER TURN LANE TO TRAFFIC TO CONSTRUCT THE REMAINING PORTION OF THE WATER LINE TIE-IN. MAINTAIN A MINIMUM OF ONE LANE OPEN TO TRAFFIC AT ALL TIMES.

DO NOT CLOSE EXISTING DRIVEWAY UNTIL ACCESS TO PARCEL 7 CAN BE PROVIDED USING NEW DRIVEWAY ON -Y4-. SEE INSET A FOR MORE DETAILS.

STEP 1: USING NCDOT RSD 1101.02 (SHEET 1 OF 19), AND FLAGGERS (AS NEEDED), CLOSE THE EXISTING WB TRAVEL LANE AND CENTER TURN LANE TO TRAFFIC TO CONSTRUCT THE -Y4- TIE IN TO SR 1001 (SHALLOWFORD RD.) AND AS MUCH OF THE PROPOSED WATER LINE TIE-IN AS POSSIBLE, MAINTAIN A MINIMUM OF ONE LANE OPEN TO TRAFFIC AT ALL TIMES. SEE THE PEDESTRIAN DETOUR DETAIL ON SHEET TMP-23, PEDESTRIAN TRAFFIC SHALL BE MAINTAINED AT ALL TIMES.



AWAY FROM TRAFFIC, CONSTRUCT PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES FROM -Y4- STA. 10+18± TO -Y4- STA. 13+51±

AWAY FROM TRAFFIC, CONSTRUCT PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES FROM -L- STA. 12+92± TO -L- STA. 31+05±

AWAY FROM TRAFFIC, CONSTRUCT PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES FROM -L- STA. 35+93± TO -L- STA. 45+43±

SEE PHASE 1 - STEP 1B PHASING NOTES AND DETOUR DETAIL 1 (ON SHEET TMP-3A) FOR INFORMATION ON CONSTRUCTING PROPOSED WATERLINE, SEWER, AND FORCE MAIN WITHIN THE EXISTING ROADWAY.

USING NCDOT RSD 1101.02 (SHEET 1 OF 19), AND FLAGGERS (AS NEEDED), CLOSE THE EXISTING SB TRAVEL LANE TO TRAFFIC TO CONSTRUCT THE ASPHALT TIE IN TO DAVID MCKEE STREET, MAINTAIN A MINIMUM OF ONE LANE OPEN TO TRAFFIC AT ALL TIMES.

USING NCDOT RSD 1101.02 (SHEET 1 OF 19), AND FLAGGERS (AS NEEDED), CLOSE THE EXISTING NB TRAVEL LANE TO TRAFFIC TO CONSTRUCT THE ASPHALT TIE IN TO NORTH STREET, MAINTAIN A MINIMUM OF ONE LANE OPEN TO TRAFFIC AT ALL TIMES.

ACCESS MUST BE MAINTAINED TO -Y10- AT ALL TIMES DURING CONSTRUCTION.

SEWER CONSTRUCTION FROM -SS2- STA. 10+00± TO STA. 13+50± TO BE PERFORMED IN PHASE 5 STEPS 1 AND 2.

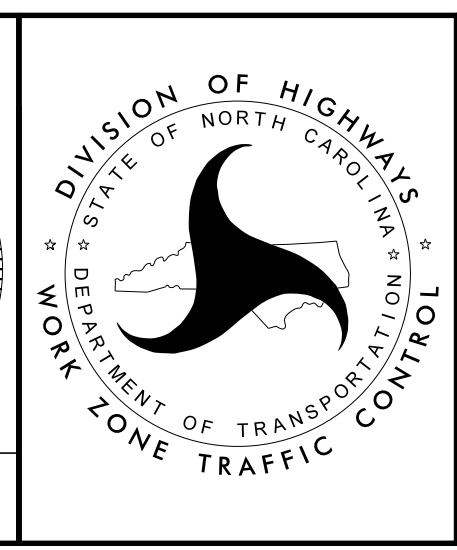
SHIFT TRAFFIC CONTROL SETUP TO ALLOW DRIVEWAY ACCESS TO PARCEL 7 OFF OF THE NEWLY CONSTRUCTED -Y4- ROADWAY FROM PHASE 1 STEP 1. USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 2 OF 19)), CLOSE THE SR 1001 (SHALLOWFORD RD) WB TRAVEL LANE TO TRAFFIC AND CONSTRUCT THE PROPOSED CURB & GUTTER AND SIDEWALK TO CLOSE THE EXISTING DRIVEWAY TO PARCEL 7, MAINTAINING THE SAME PEDESTRIAN DETOUR THAT WAS IMPLEMENTED IN PHASE 1 STEP 1.



APPROVED: *Adam M. Conrad*  
DATE: 12/19/2024

SEAL

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



**PHASE 1 - STEP 1**

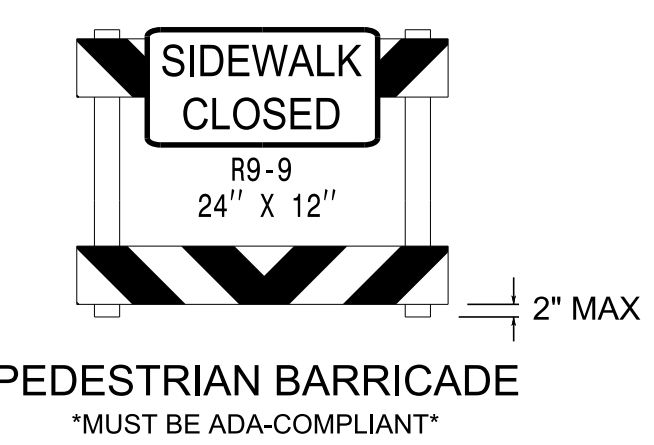
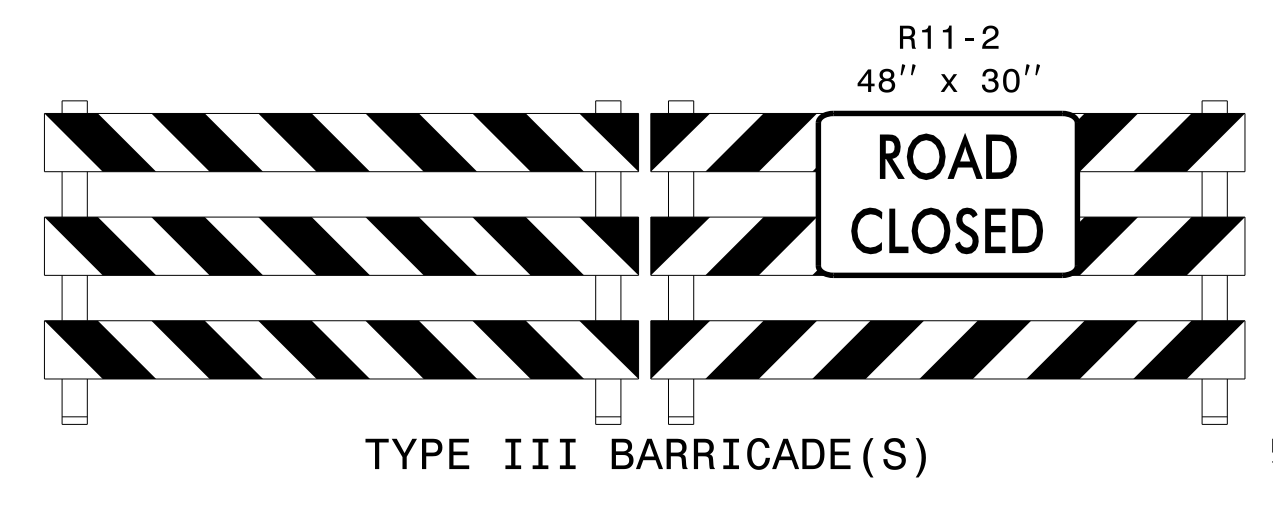
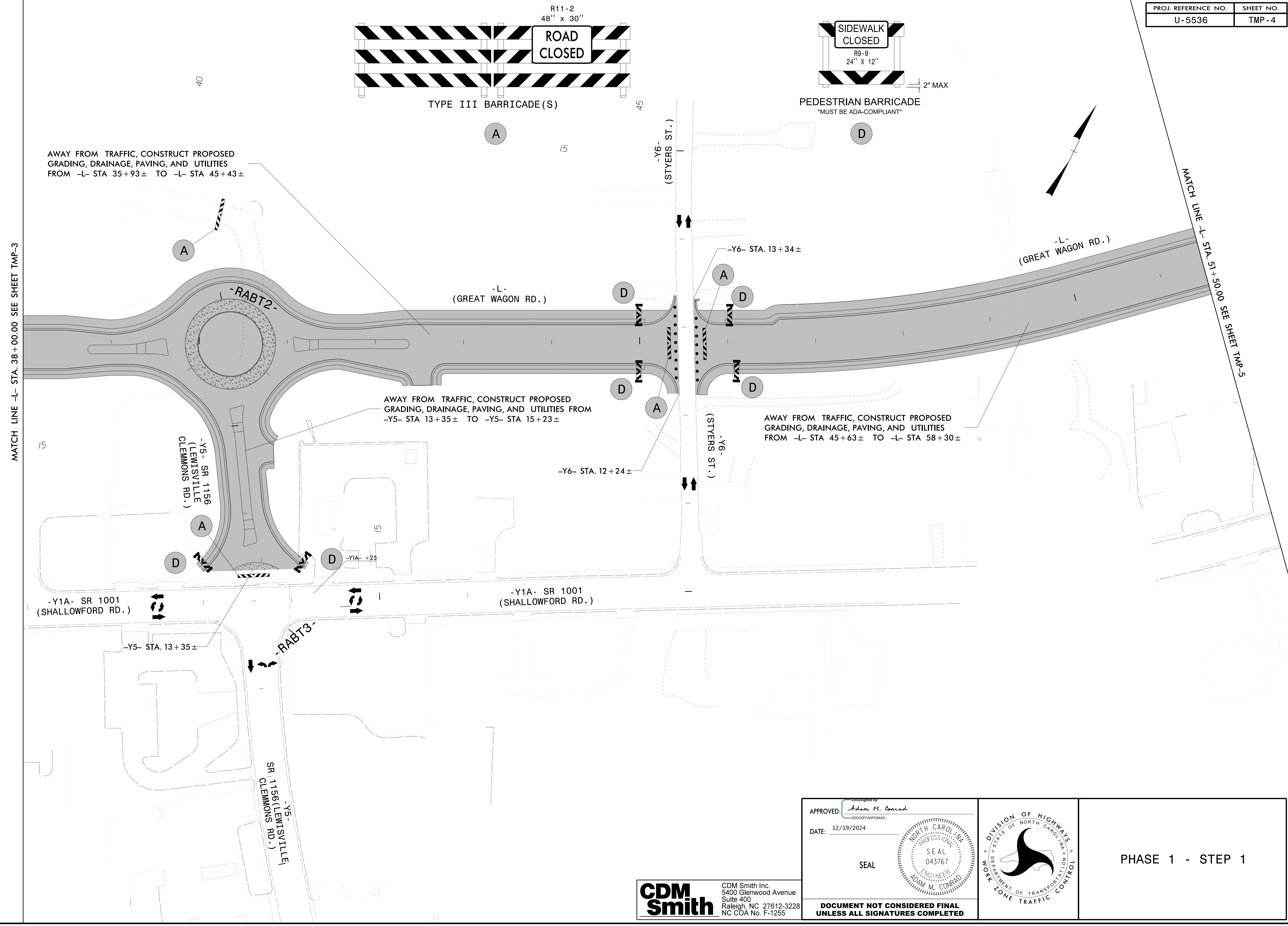
WORK ZONE TRAFFIC CONTROL

11/22/2024  
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User:CONRADAM





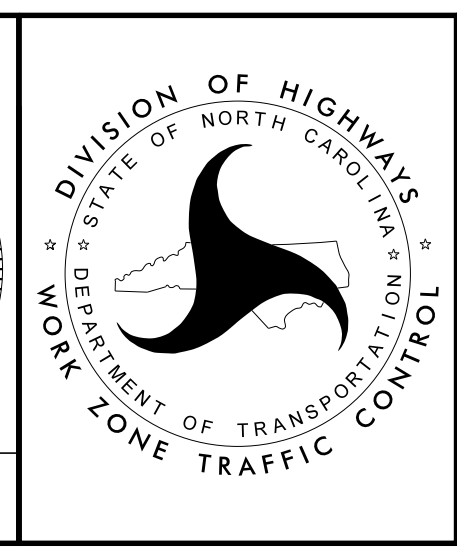
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U-5536	TMP-4



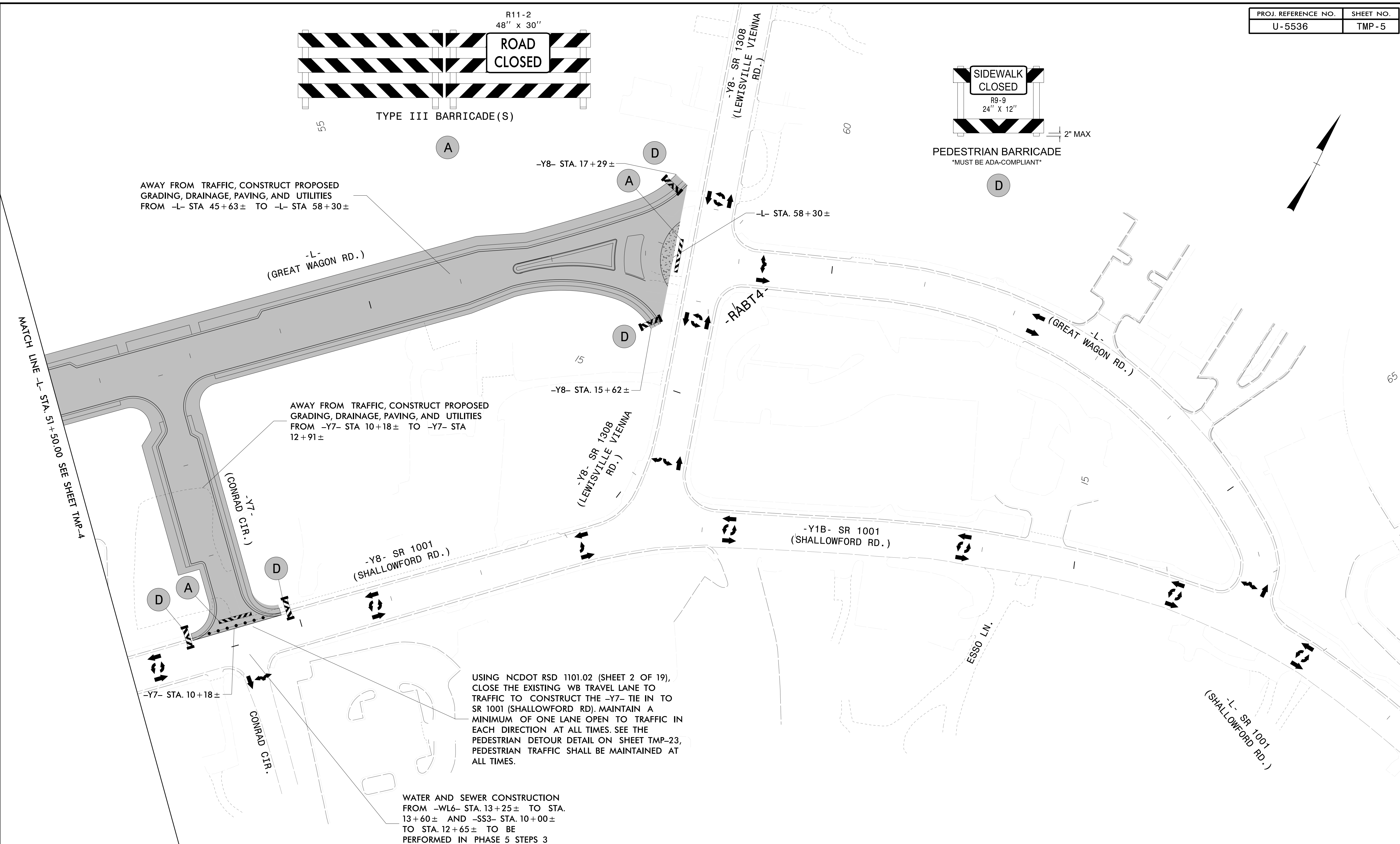
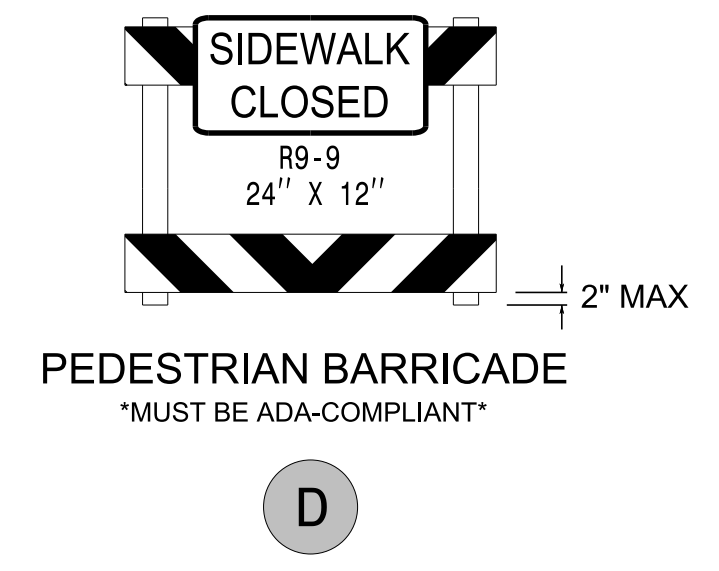
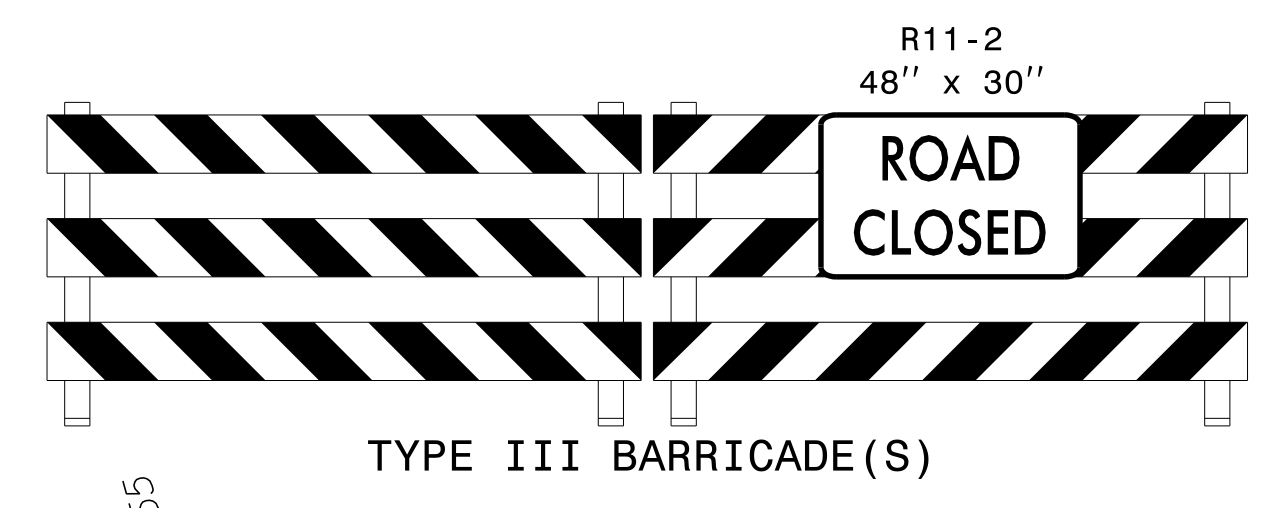
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Raleigh, NC 27612-3228  
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DATE: 12/19/2024  
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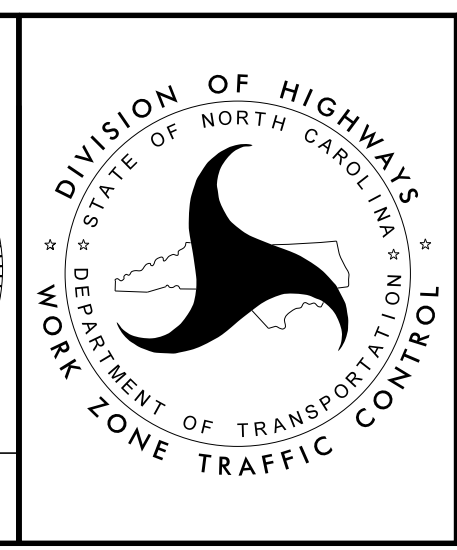
PHASE 1 - STEP 1



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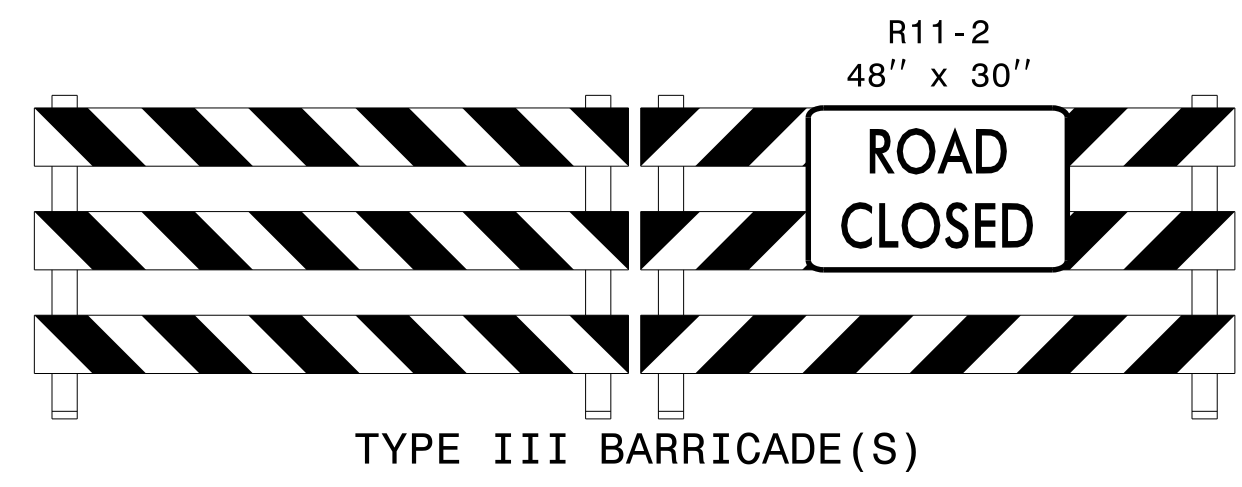
**CDM Smith**  
 CDM Smith Inc.  
 5400 Glenwood Avenue  
 Suite 400  
 Raleigh, NC 27612-3228  
 NC COA No. F-1255

APPROVED: *Adam M. Conrad*  
000COFFAF09AD..  
 DATE: 12/19/2024  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL  
 043767  
 ADAM M. CONRAD



PHASE 1 - STEP 1

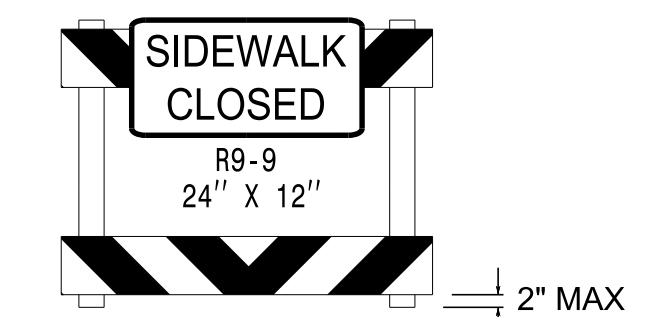
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TYPE III BARRICADE(S)

25

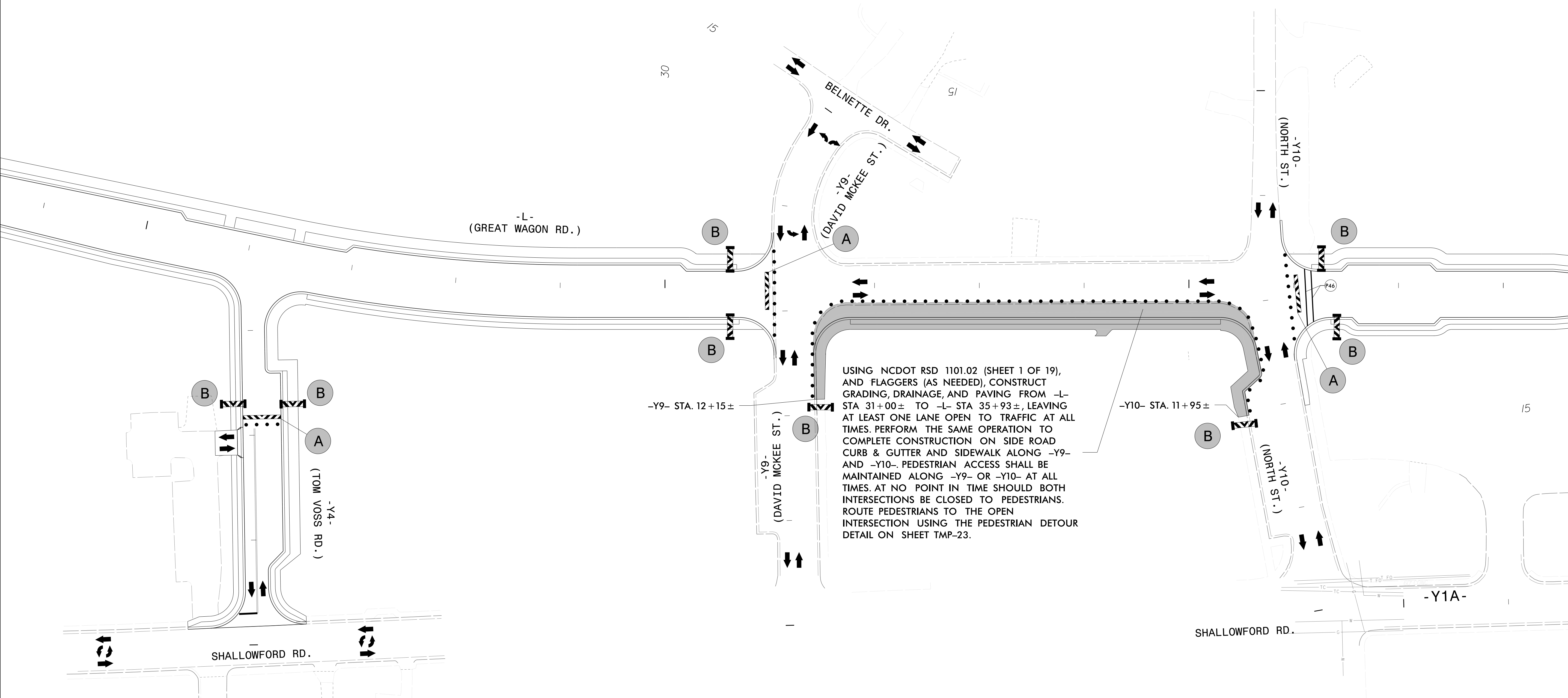
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PEDESTRIAN BARRICADE  
\*MUST BE ADA-COMPLIANT\*

B

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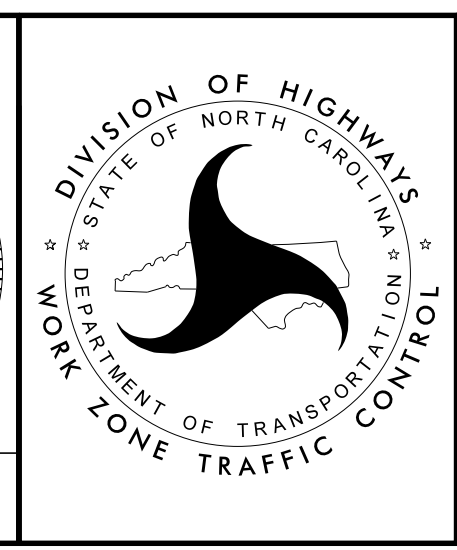


USING NCDOT RSD 1101.02 (SHEET 1 OF 19), AND FLAGGERS (AS NEEDED), CONSTRUCT GRADING, DRAINAGE, AND PAVING FROM -L- STA 31+00± TO -L- STA 35+93±, LEAVING AT LEAST ONE LANE OPEN TO TRAFFIC AT ALL TIMES. PERFORM THE SAME OPERATION TO COMPLETE CONSTRUCTION ON SIDE ROAD CURB & GUTTER AND SIDEWALK ALONG -Y9- AND -Y10-. PEDESTRIAN ACCESS SHALL BE MAINTAINED ALONG -Y9- OR -Y10- AT ALL TIMES. AT NO POINT IN TIME SHOULD BOTH INTERSECTIONS BE CLOSED TO PEDESTRIANS. ROUTE PEDESTRIANS TO THE OPEN INTERSECTION USING THE PEDESTRIAN DETOUR DETAIL ON SHEET TMP-23.

APPROVED: *Adam M. Conrad*  
00DC0FFA0FD9A4D...

DATE: 12/19/2024

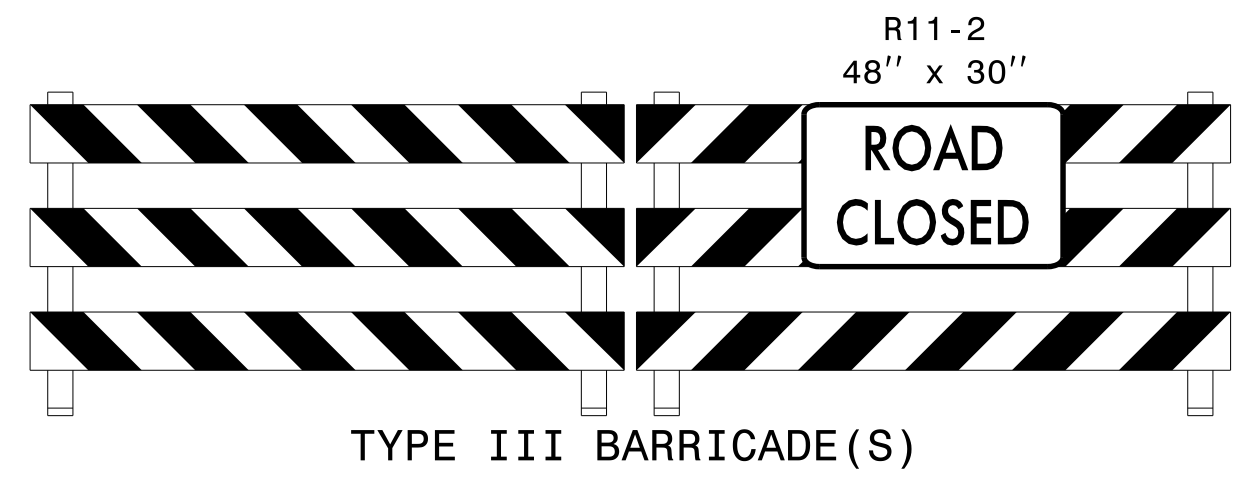
SEAL



PHASE 1 - STEP 2

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Raleigh, NC 27612-3228  
NC COA No. F-1255

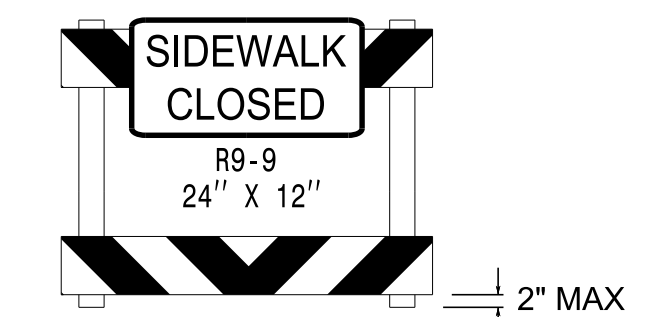
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TYPE III BARRICADE(S)

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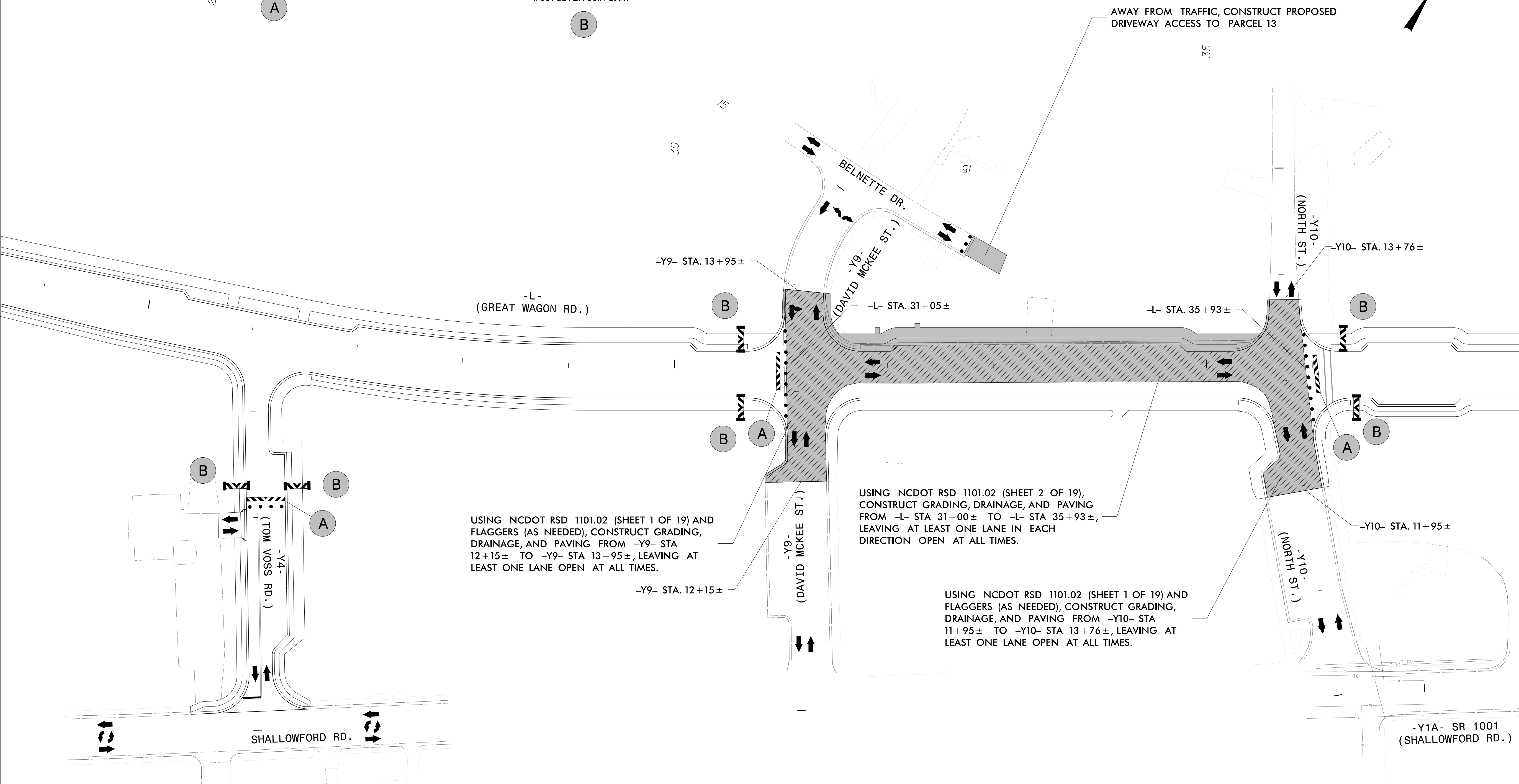
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PEDESTRIAN BARRICADE  
\*MUST BE ADA-COMPLIANT\*

B

11/22/2024  
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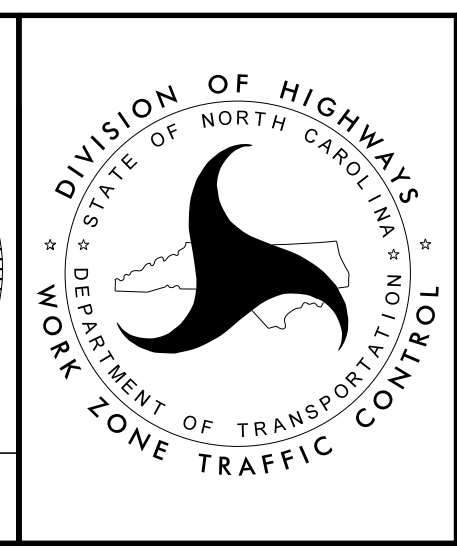


MATCH LINE -L- STA. 38+00.00 SEE SHEET TMP-8

APPROVED: *Aden M. Conrad*  
DATE: 12/19/2024

SEAL

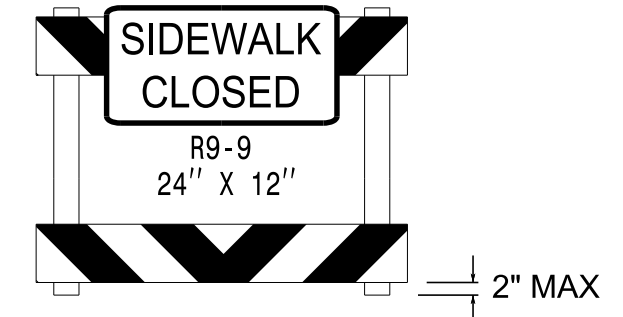
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PHASE 1 - STEP 3

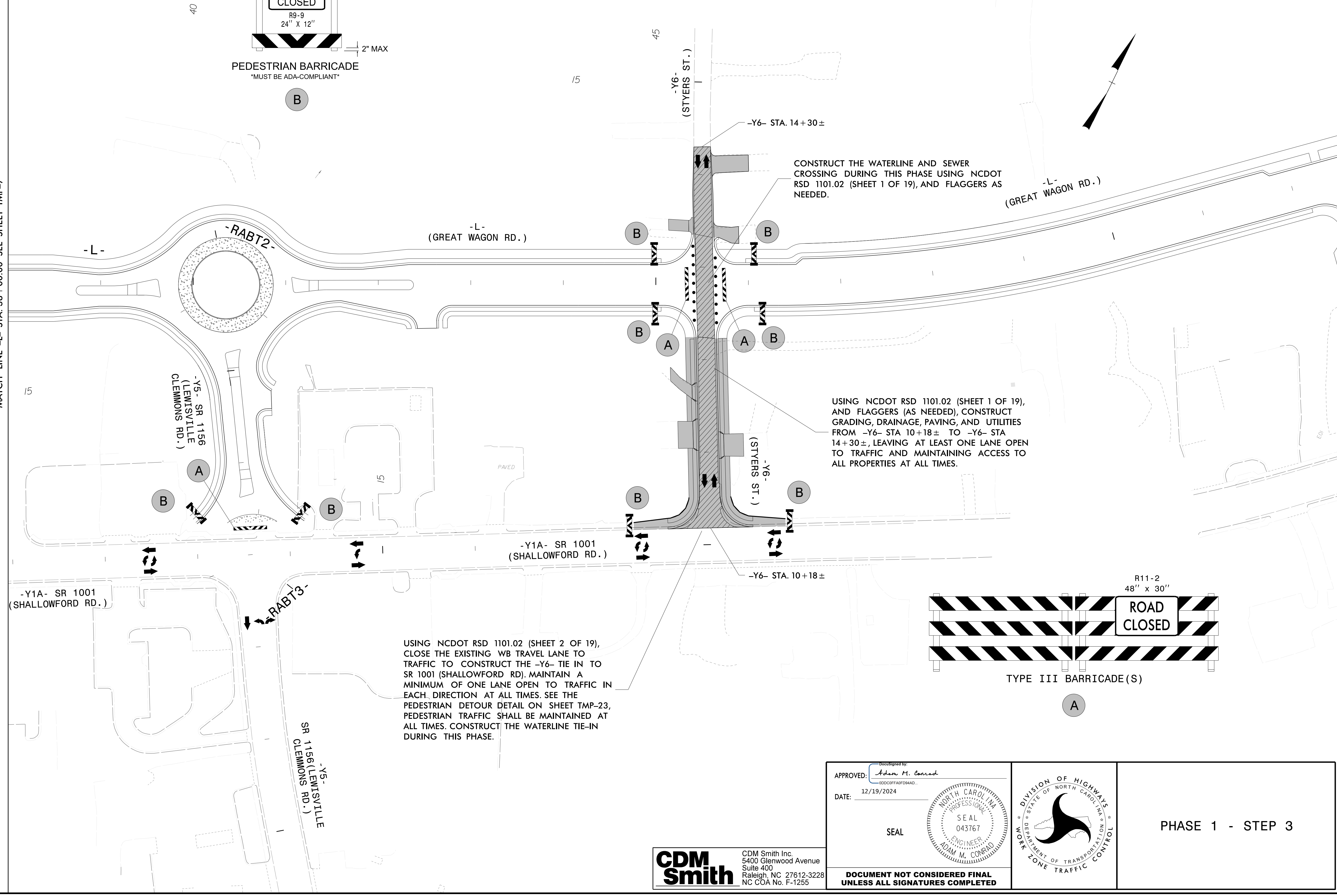
**CDM Smith**  
CDM Smith Inc.  
5400 Glenwood Avenue  
Suite 400  
Raleigh, NC 27612-3228  
NC COA No. F-1255

MATCH LINE -L- STA. 38 + 00.00 SEE SHEET TMP-7



PEDESTRIAN BARRICADE  
\*MUST BE ADA-COMPLIANT\*

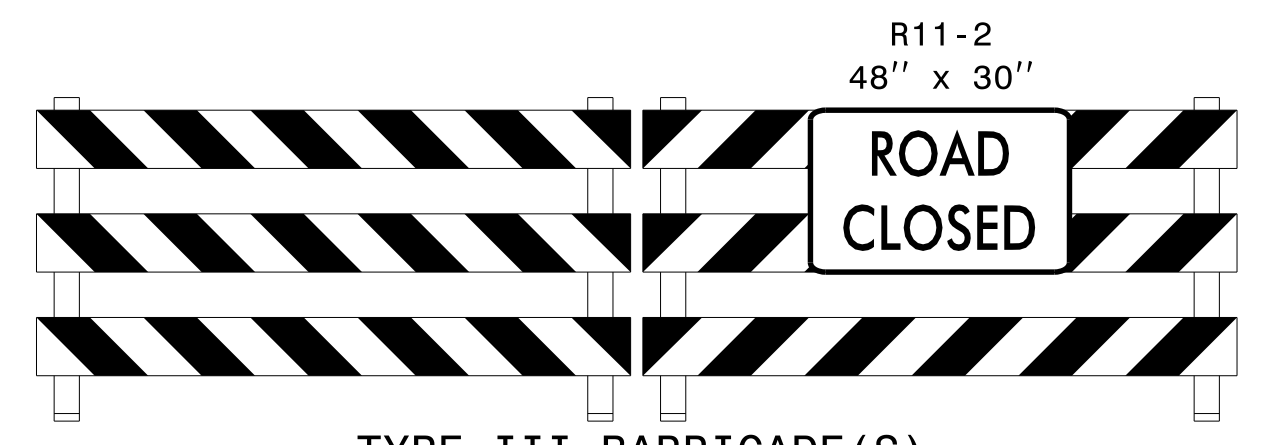
B



CONSTRUCT THE WATERLINE AND SEWER CROSSING DURING THIS PHASE USING NCDOT RSD 1101.02 (SHEET 1 OF 19), AND FLAGGERS AS NEEDED.

USING NCDOT RSD 1101.02 (SHEET 1 OF 19), AND FLAGGERS (AS NEEDED), CONSTRUCT GRADING, DRAINAGE, PAVING, AND UTILITIES FROM -Y6- STA 10+18± TO -Y6- STA 14+30±, LEAVING AT LEAST ONE LANE OPEN TO TRAFFIC AND MAINTAINING ACCESS TO ALL PROPERTIES AT ALL TIMES.

USING NCDOT RSD 1101.02 (SHEET 2 OF 19), CLOSE THE EXISTING WB TRAVEL LANE TO TRAFFIC TO CONSTRUCT THE -Y6- TIE IN TO SR 1001 (SHALLOWFORD RD). MAINTAIN A MINIMUM OF ONE LANE OPEN TO TRAFFIC IN EACH DIRECTION AT ALL TIMES. SEE THE PEDESTRIAN DETOUR DETAIL ON SHEET TMP-23, PEDESTRIAN TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. CONSTRUCT THE WATERLINE TIE-IN DURING THIS PHASE.



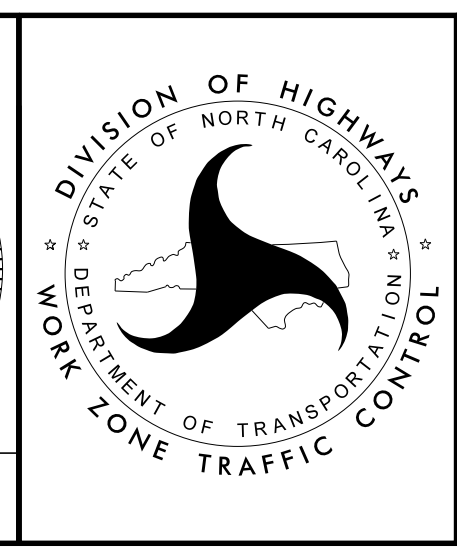
TYPE III BARRICADE(S)

A

11/22/2024  
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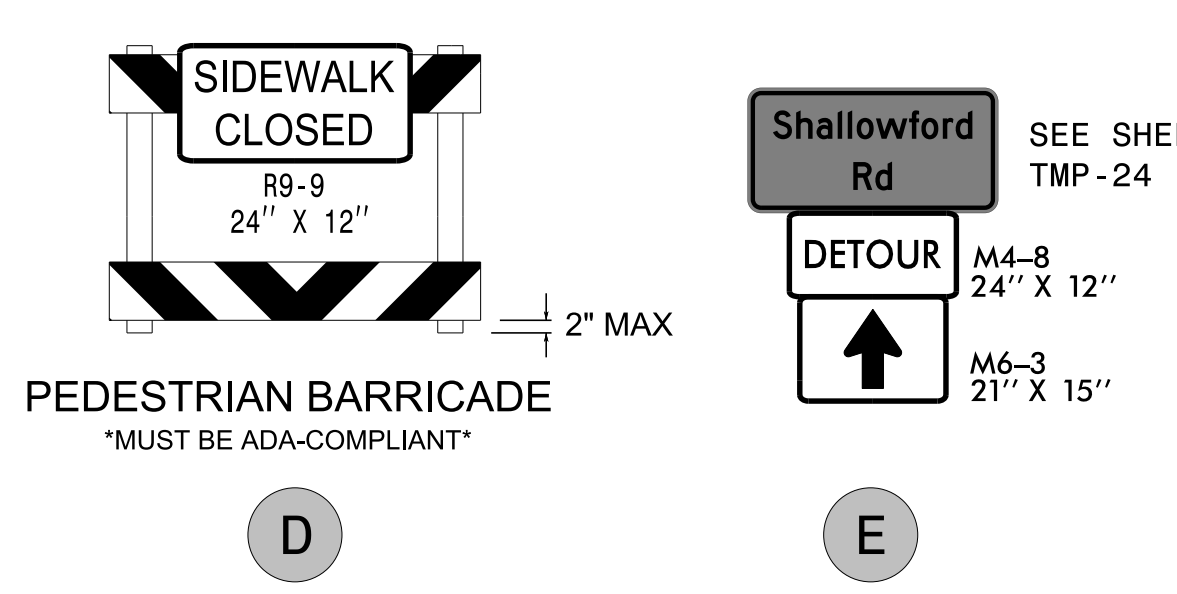
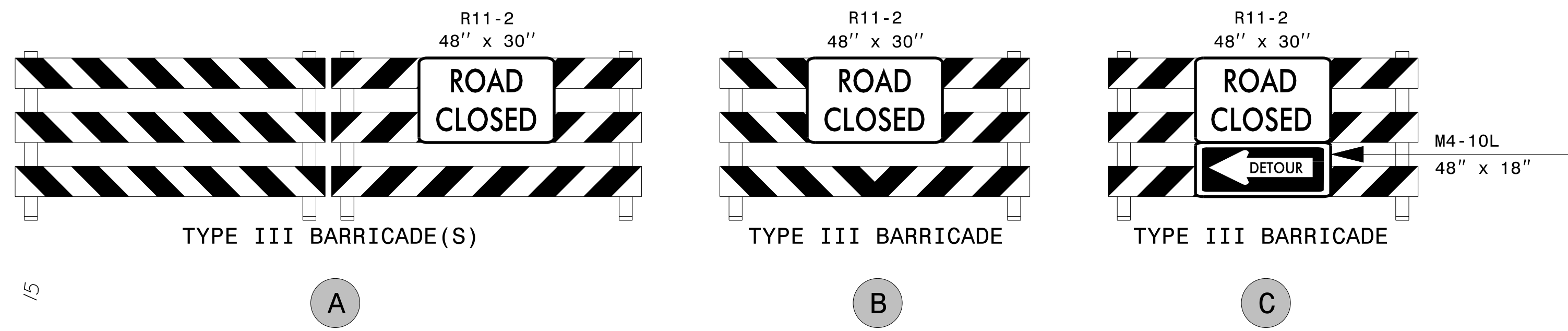
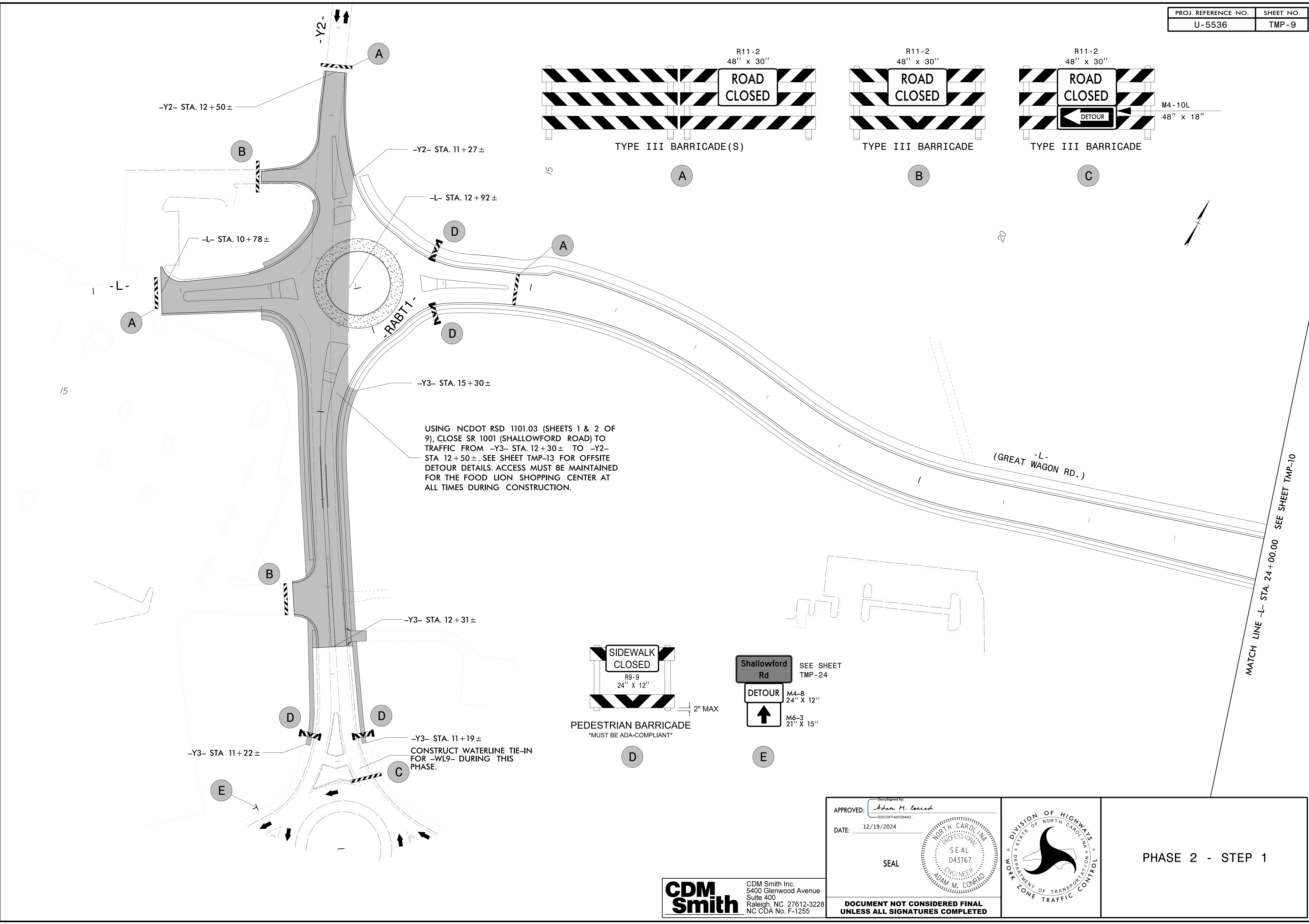
**CDM Smith**  
 CDM Smith Inc.  
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 Suite 400  
 Raleigh, NC 27612-3228  
 NC COA No. F-1255

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 DATE: 12/19/2024  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 ADAM M. CONRAD  
 043767



PHASE 1 - STEP 3

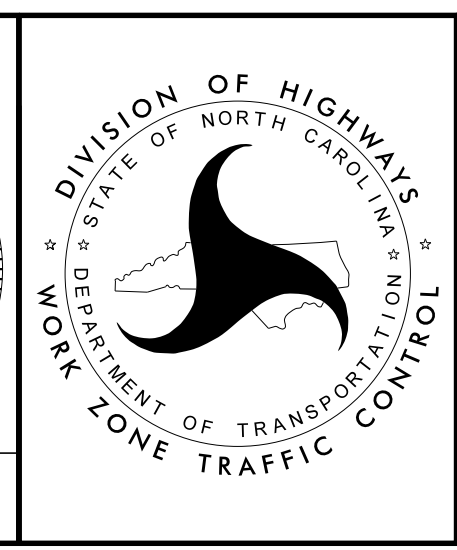
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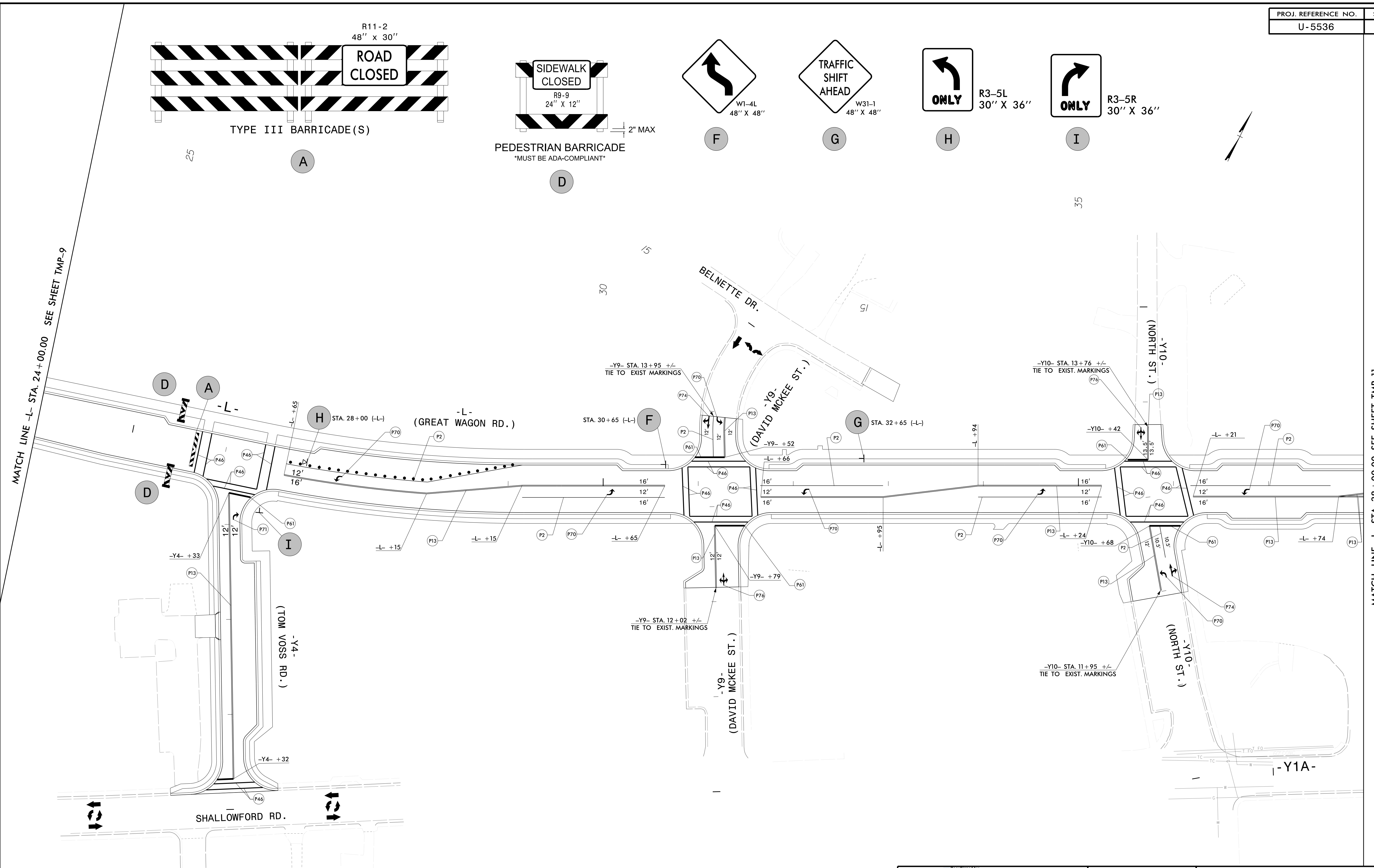
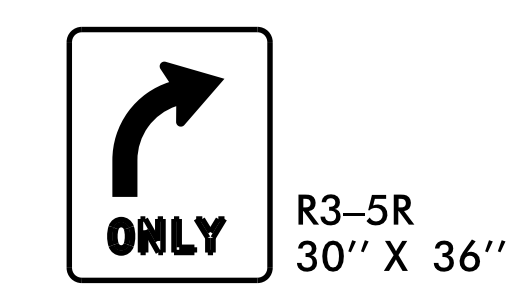
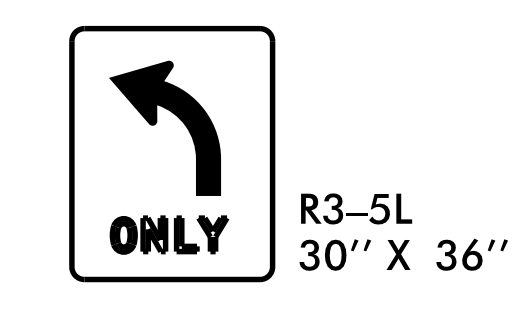
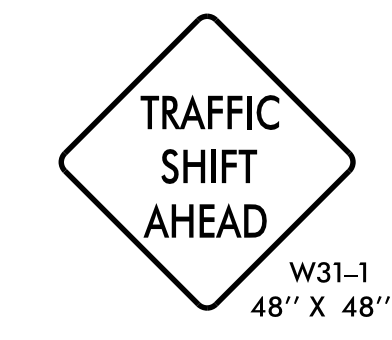
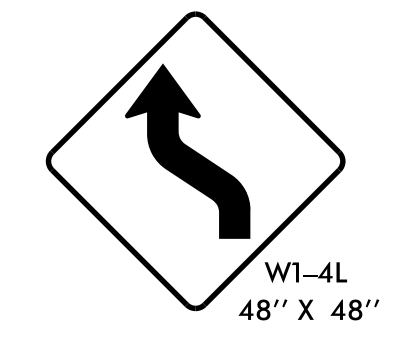
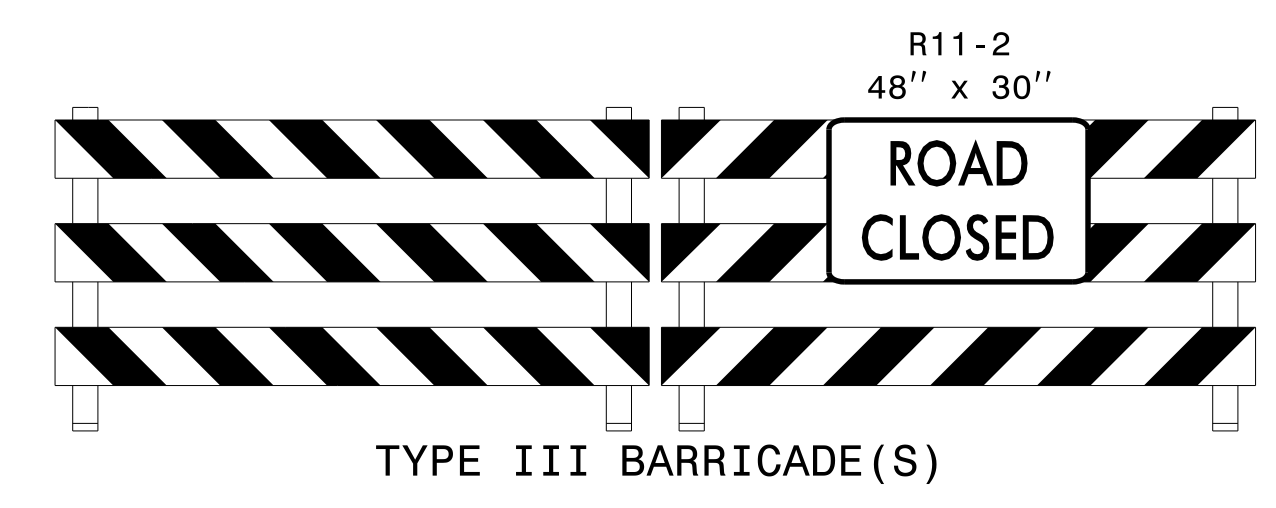
**CDM Smith**  
 CDM Smith Inc.  
 5400 Glenwood Avenue  
 Suite 400  
 Raleigh, NC 27612-3228  
 NC COA No. F-1255

Approved by: *Adam M. Conrad*  
 DATE: 12/19/2024  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 ADAM M. CONRAD  
 043767



**PHASE 2 - STEP 1**

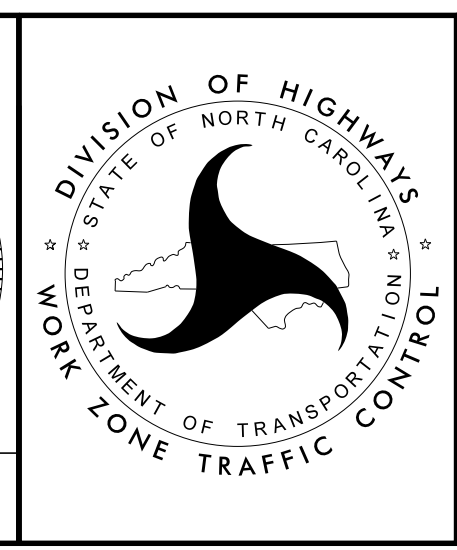
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



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 NC COA No. F-1255

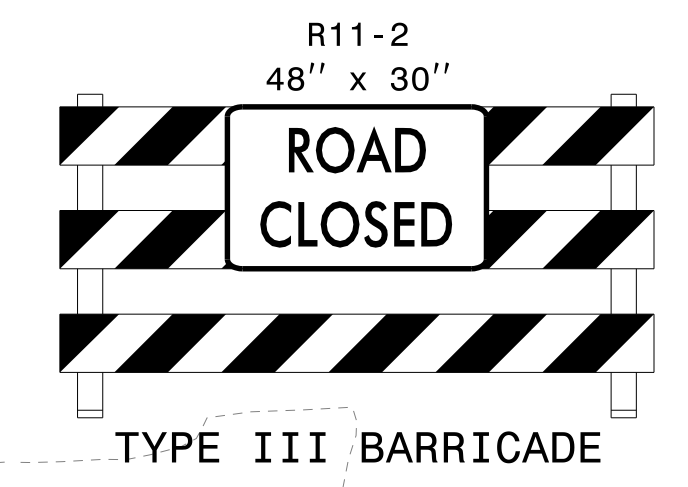
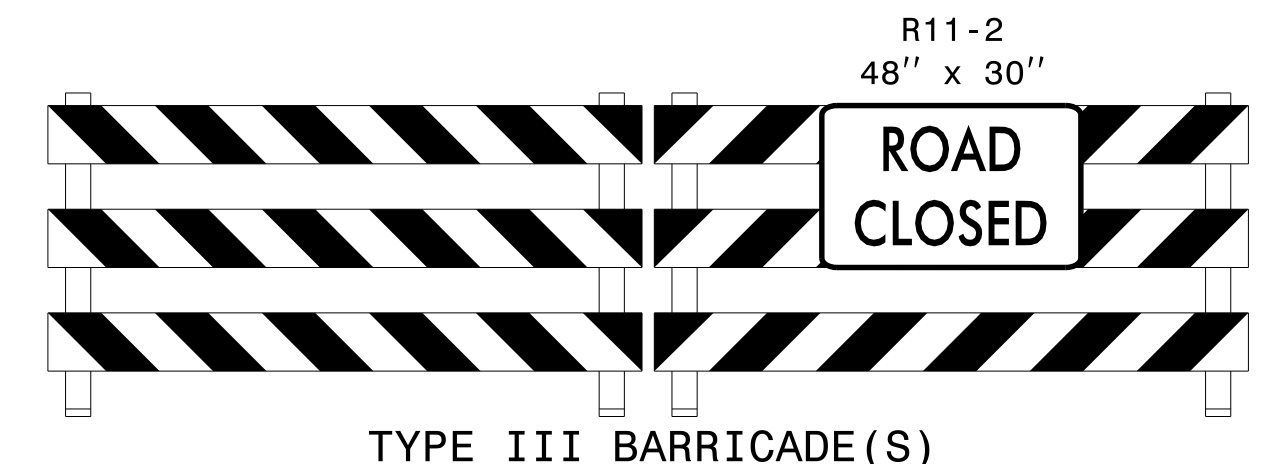
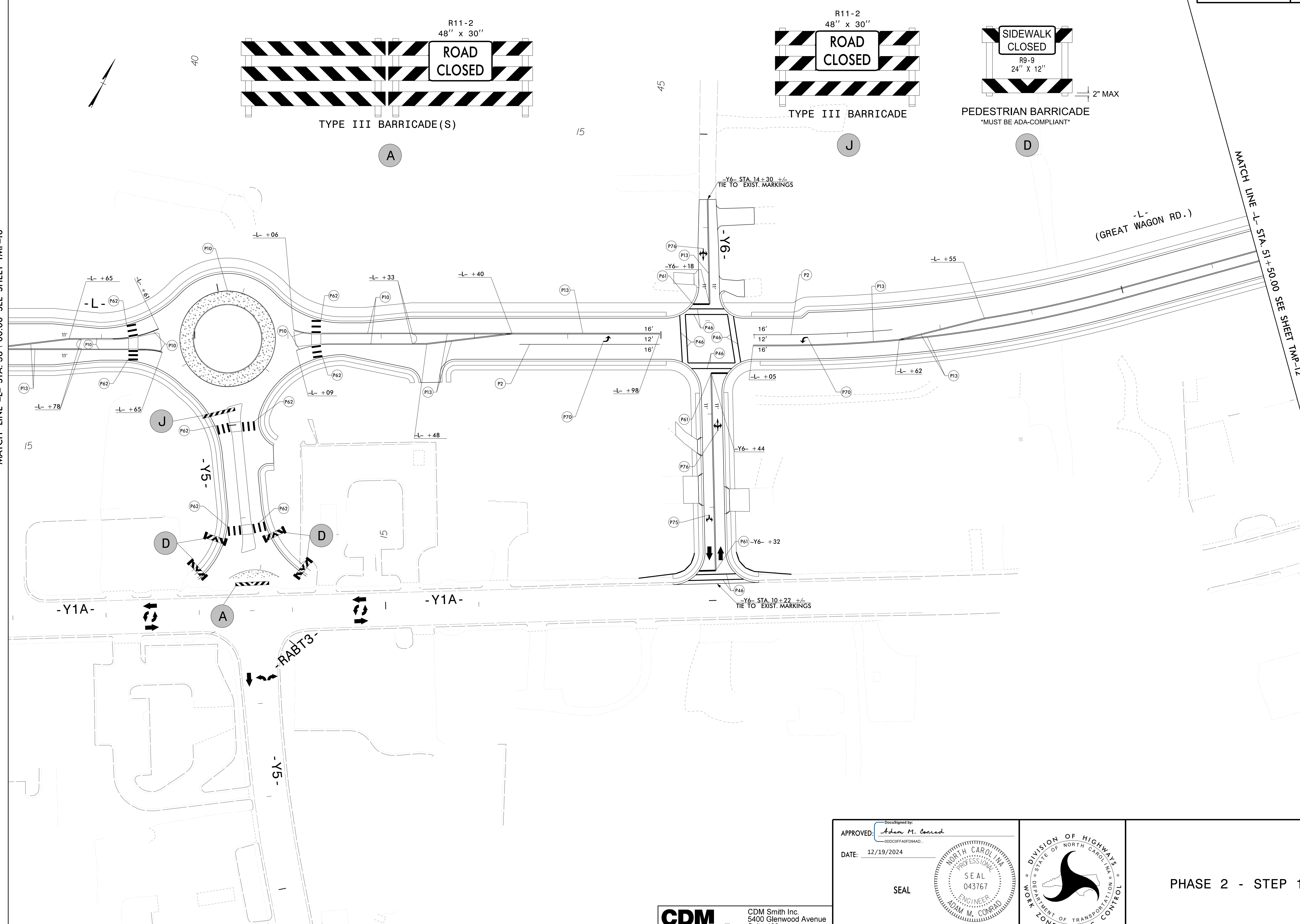
APPROVED: *Aden M. Conrad*  
 DATE: 12/19/2024  
 SEAL  
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PHASE 2 - STEP 1

MATCH LINE -L- STA. 38+00.00 SEE SHEET TMP-10

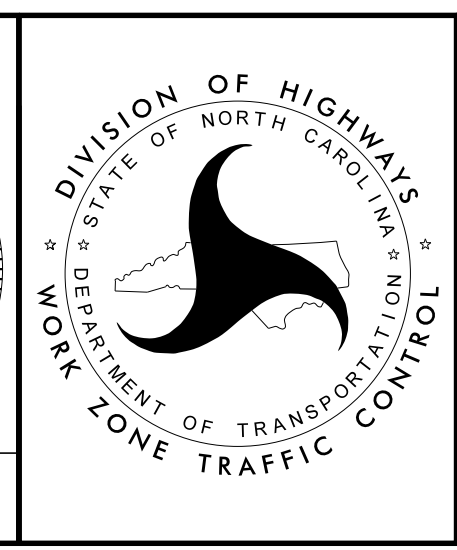
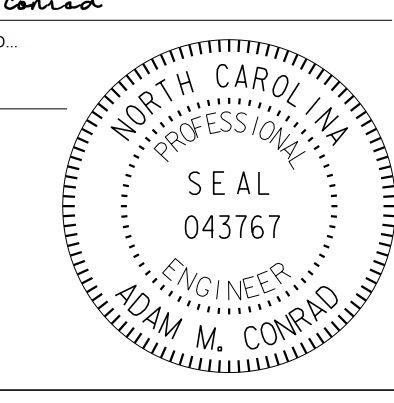
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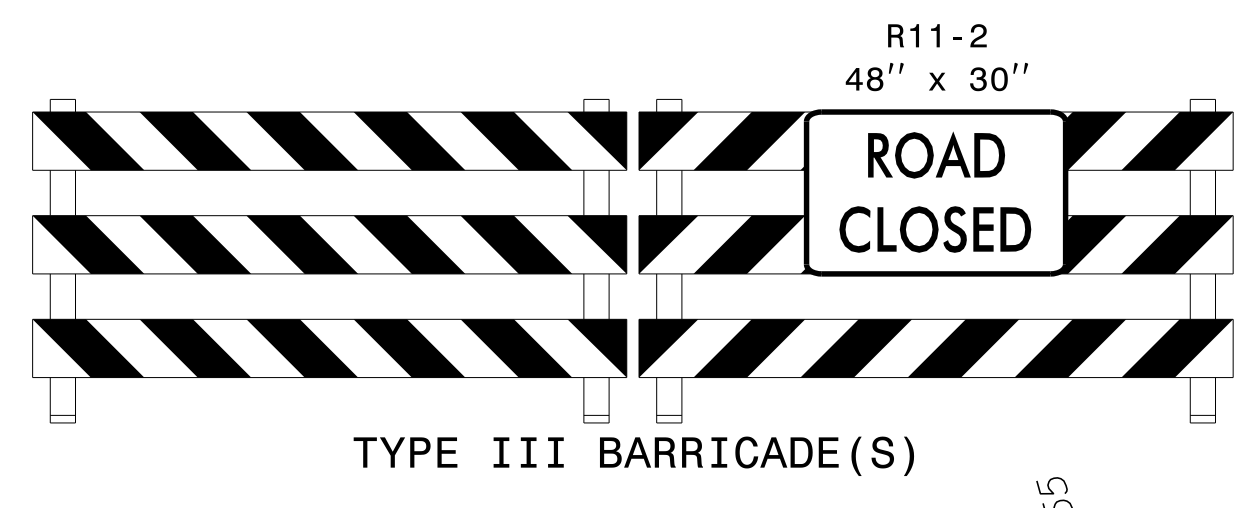
**CDM Smith**  
CDM Smith Inc.  
5400 Glenwood Avenue  
Suite 400  
Raleigh, NC 27612-3228  
NC COA No. F-1255

DocuSigned by:  
**Aden M. Conrad**  
APPROVED: \_\_\_\_\_  
DATE: 12/19/2024  
SEAL  
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

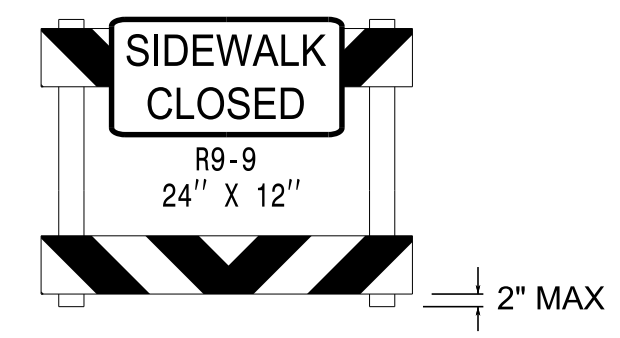


PHASE 2 - STEP 1

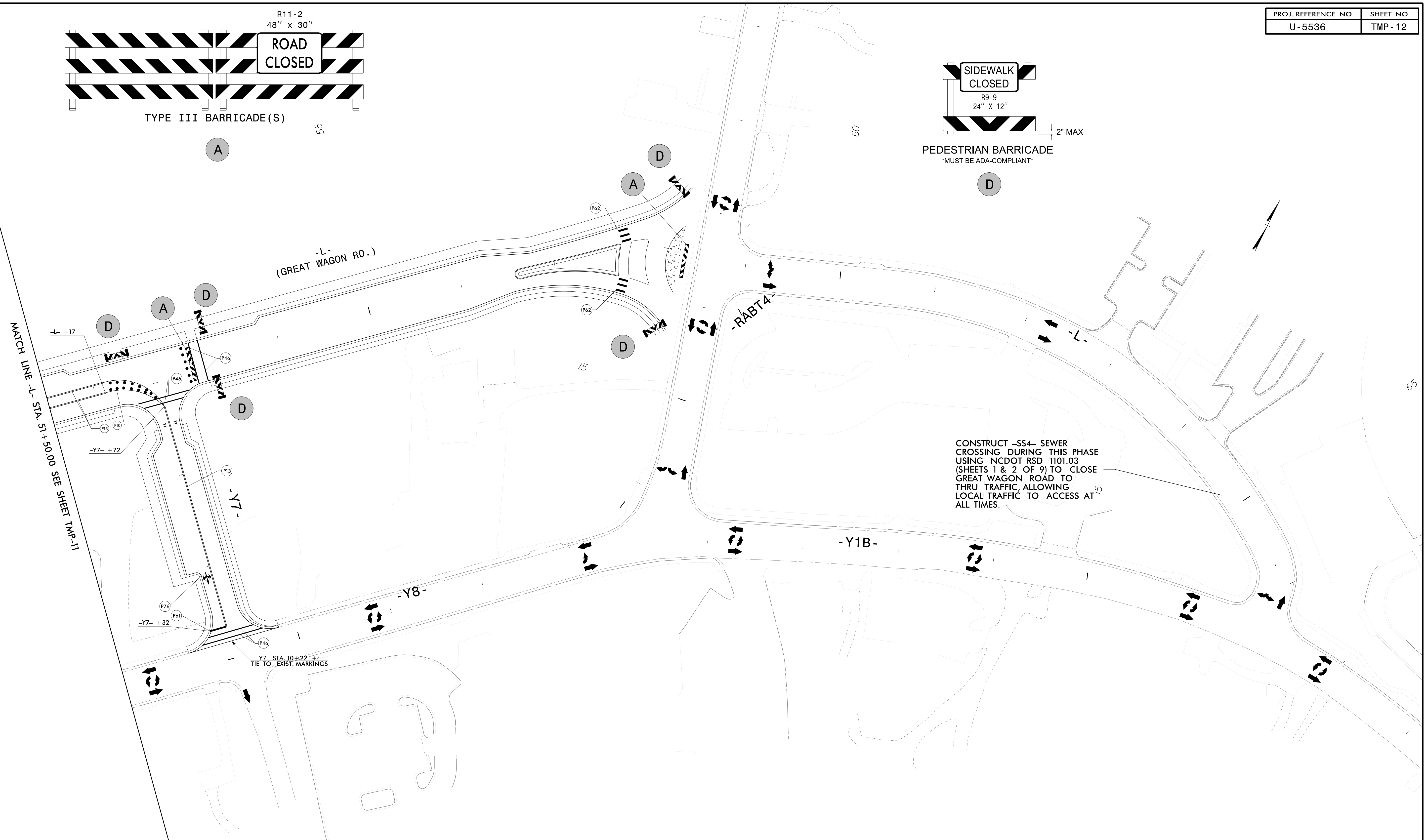




TYPE III BARRICADE(S)



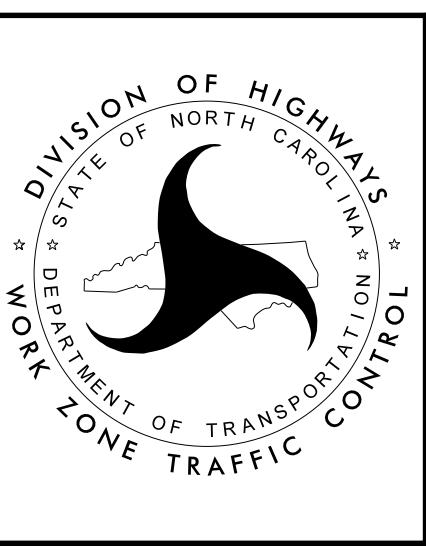
PEDESTRIAN BARRICADE  
\*MUST BE ADA-COMPLIANT\*



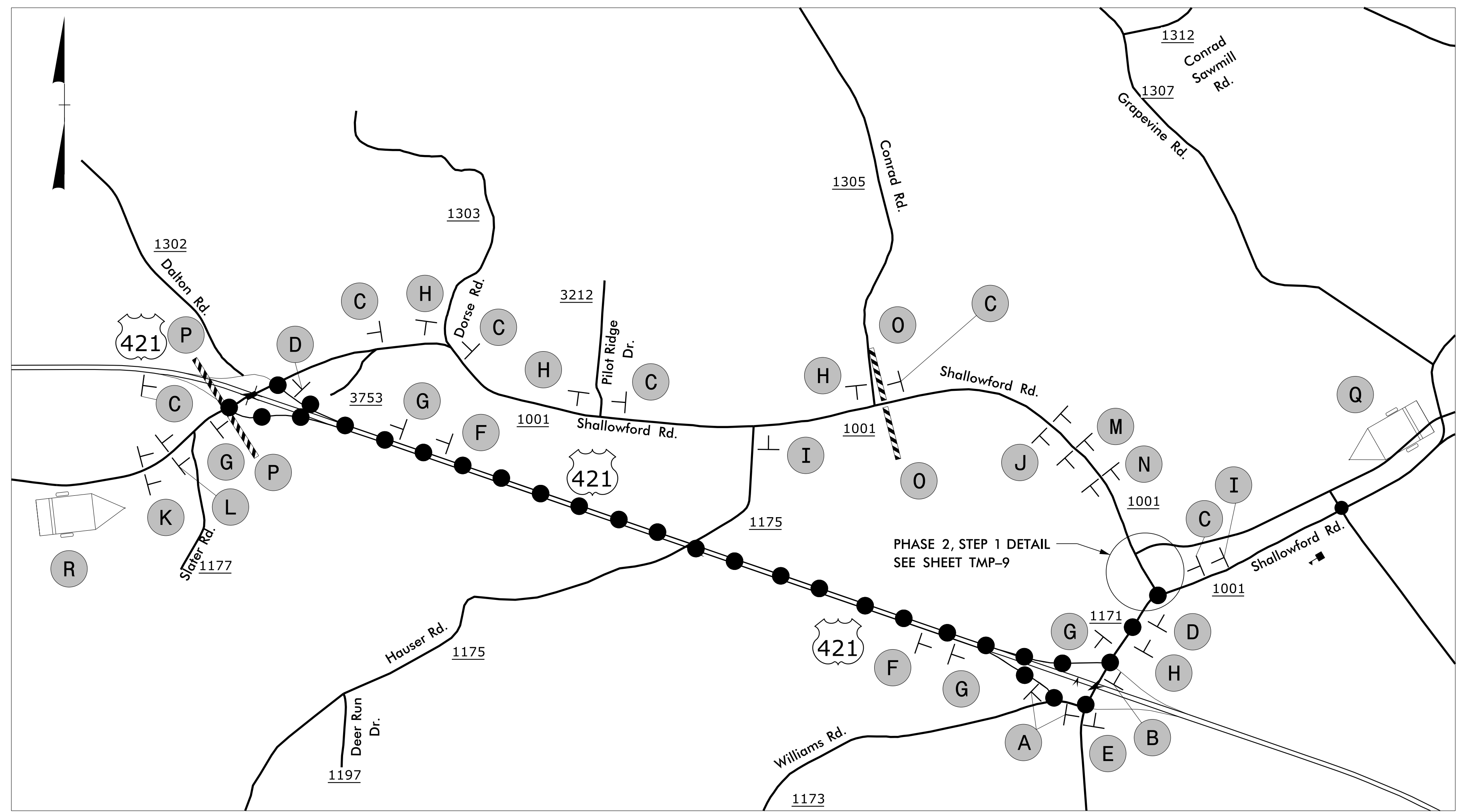
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User:CONRADAM

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5400 Glenwood Avenue  
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Raleigh, NC 27612-3228  
NC COA No. F-1255

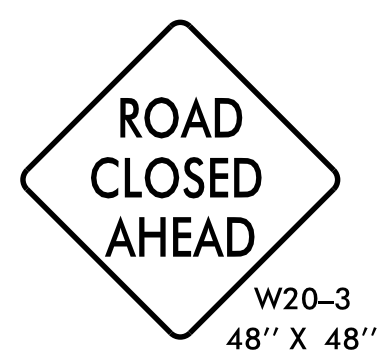
APPROVED: *Aden M. Conrad*  
DATE: 12/19/2024  
SEAL  
NORTH CAROLINA  
PROFESSIONAL  
ENGINEER  
ADAM M. CONRAD  
043767



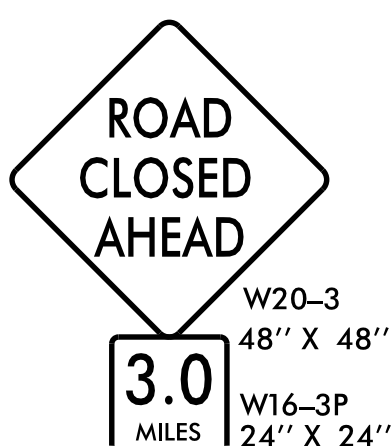
PHASE 2 - STEP 1



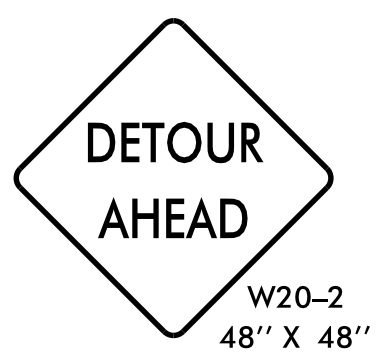
●●●●●●●●●●  
OFF-SITE DETOUR ROUTE



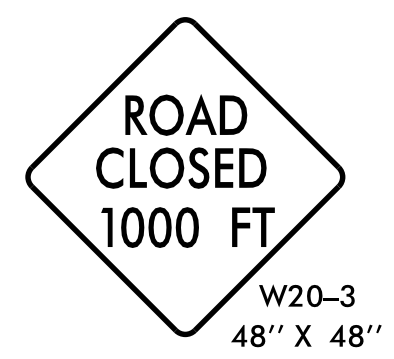
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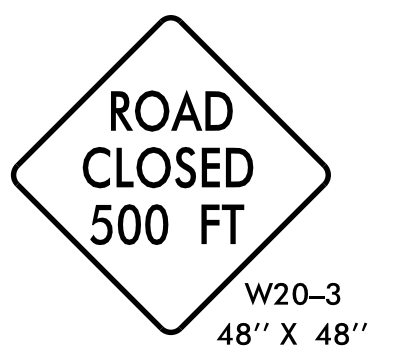
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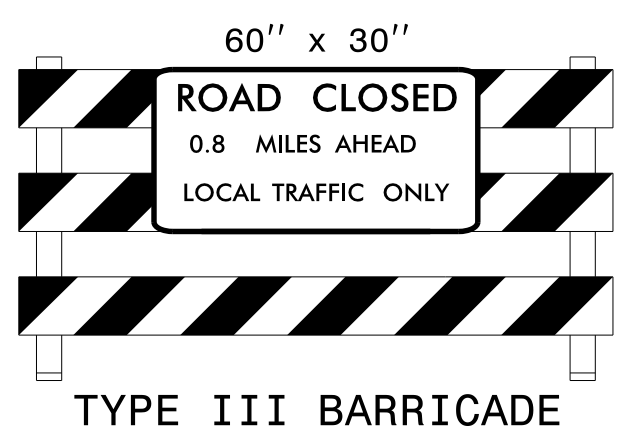
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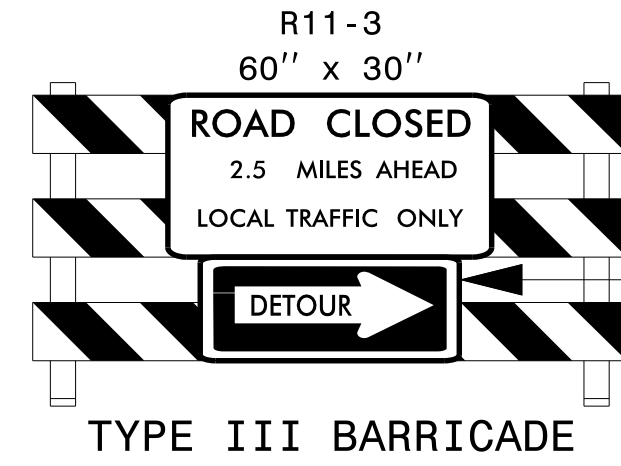
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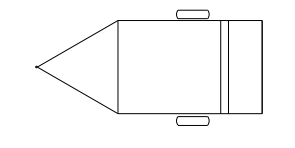
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P

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CHANGEABLE MESSAGE SIGN PRIOR TO CLOSURE	

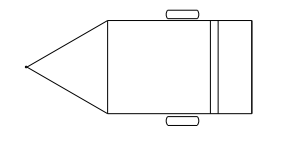
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SR 1001 CLOSED 1 MI	FOLLOW POSTED DETOUR
CHANGEABLE MESSAGE SIGN DURING CLOSURE	



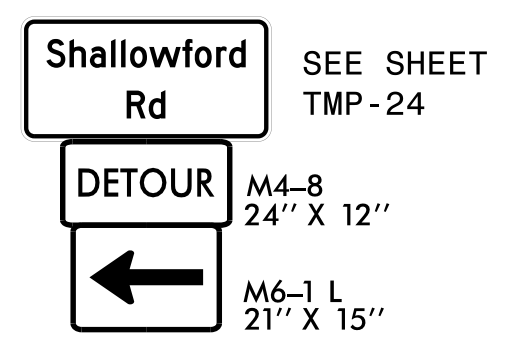
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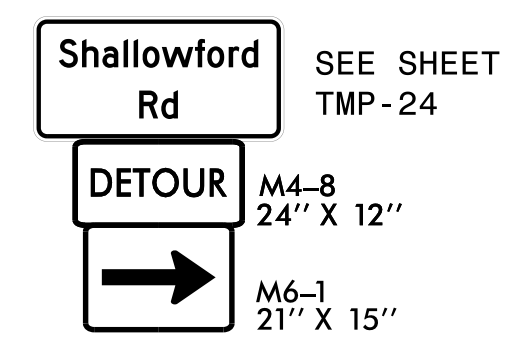
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CHANGEABLE MESSAGE SIGN DURING CLOSURE	



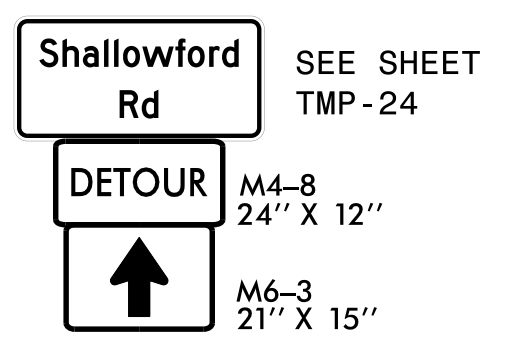
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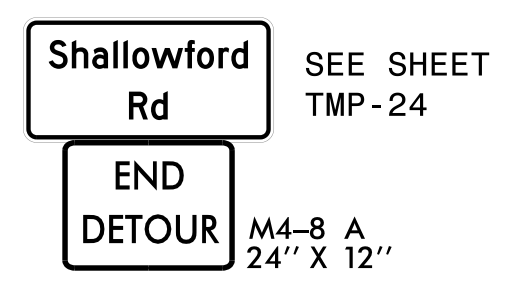
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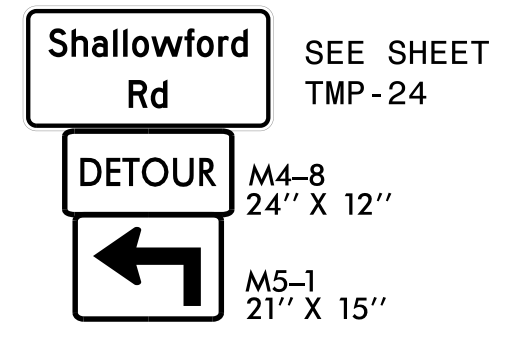
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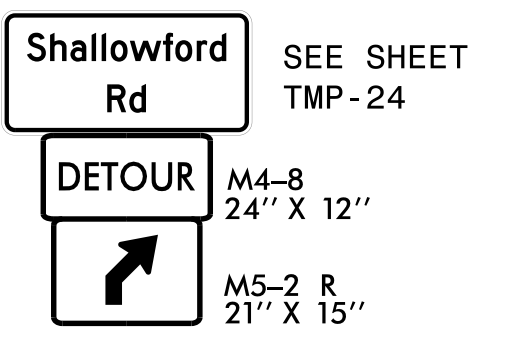
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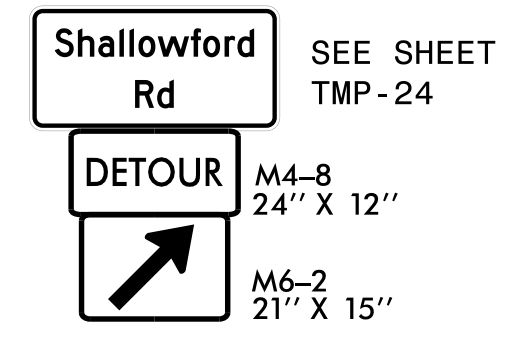
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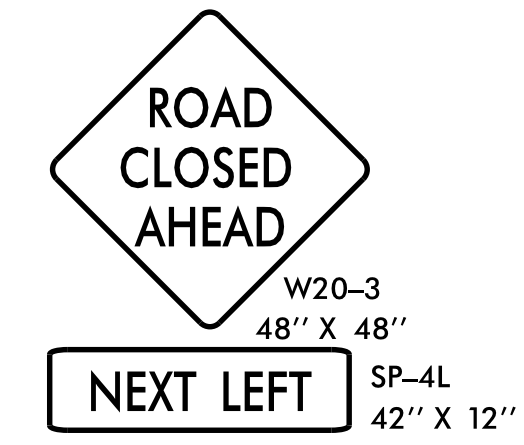
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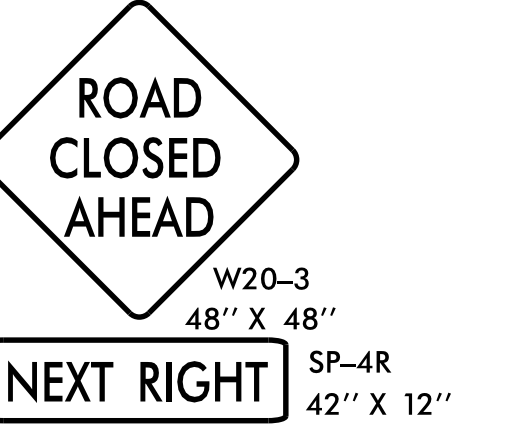
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G



H



I

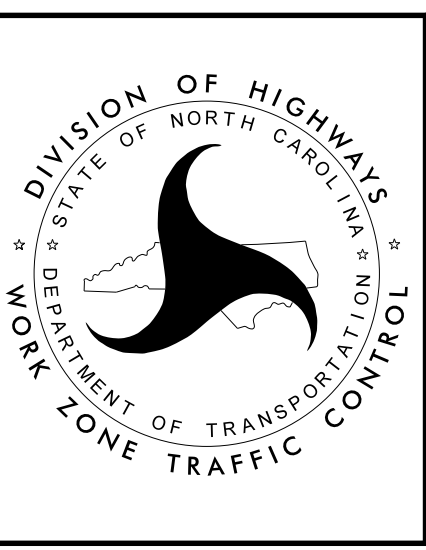
R11-3

R11-3

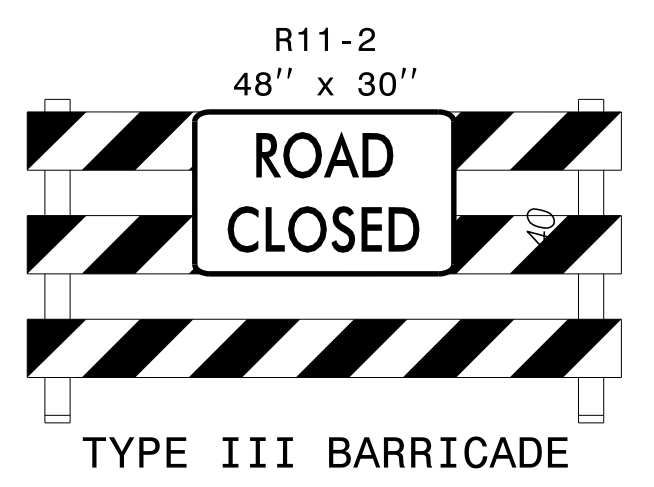
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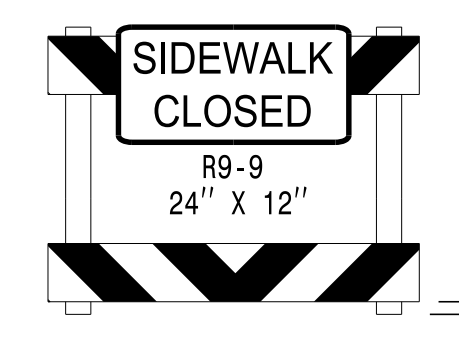


PHASE 2 STEP 1  
OFF-SITE DETOUR 1



B

TYPE III BARRICADE

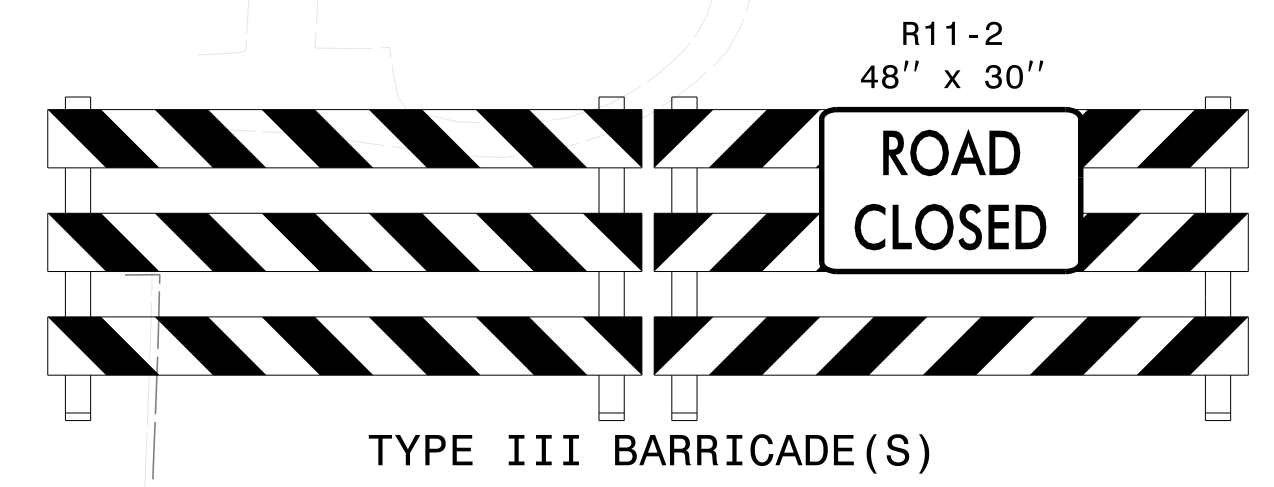
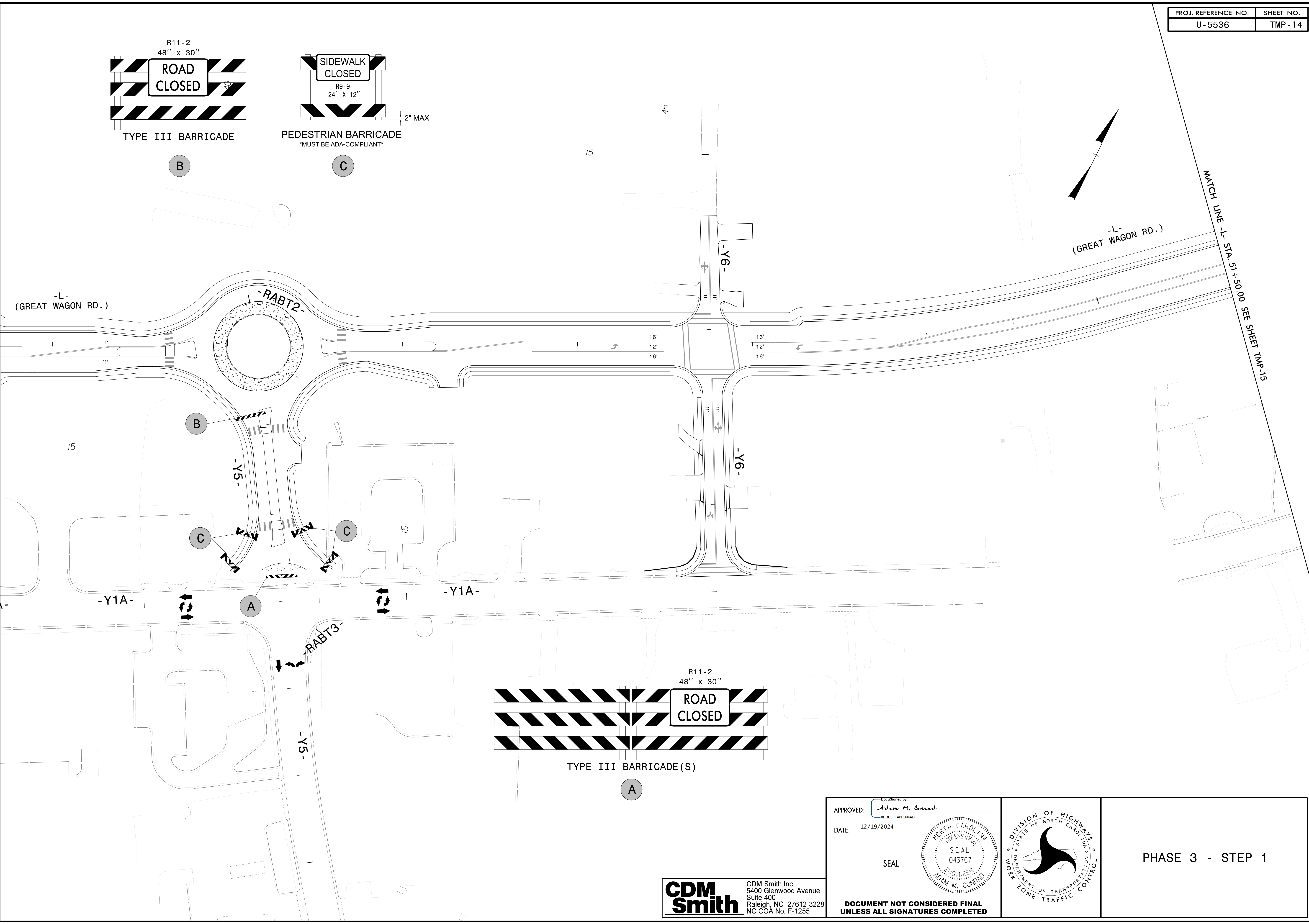


C

PEDESTRIAN BARRICADE  
\*MUST BE ADA-COMPLIANT\*

2" MAX

11/22/2024  
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User:CONRADAM



TYPE III BARRICADE(S)

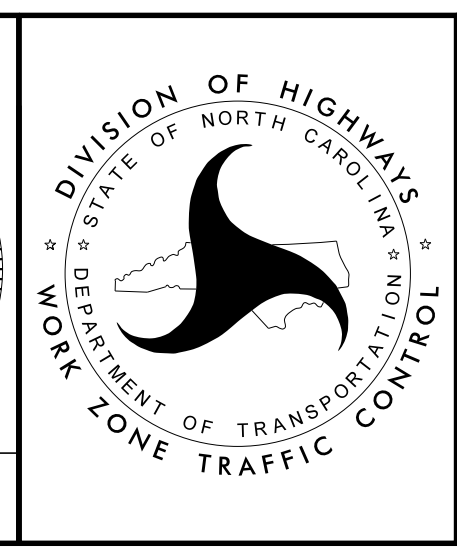
A

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ENGINEER  
ADAM M. CONRAD  
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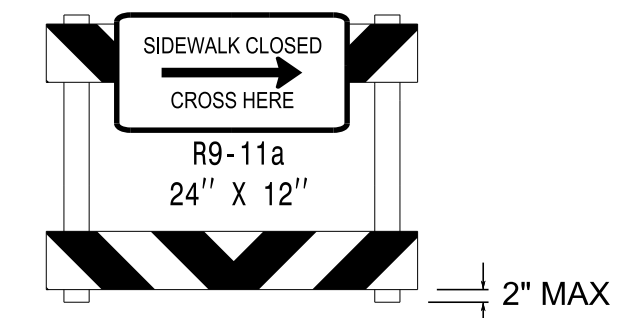
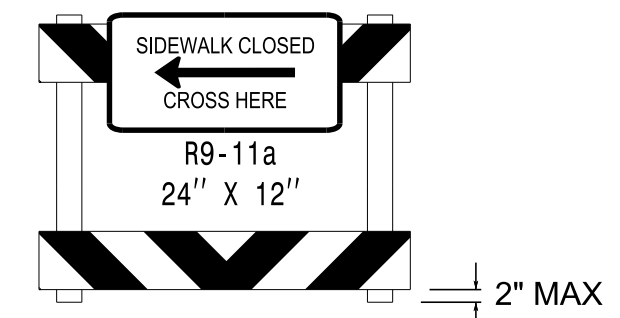
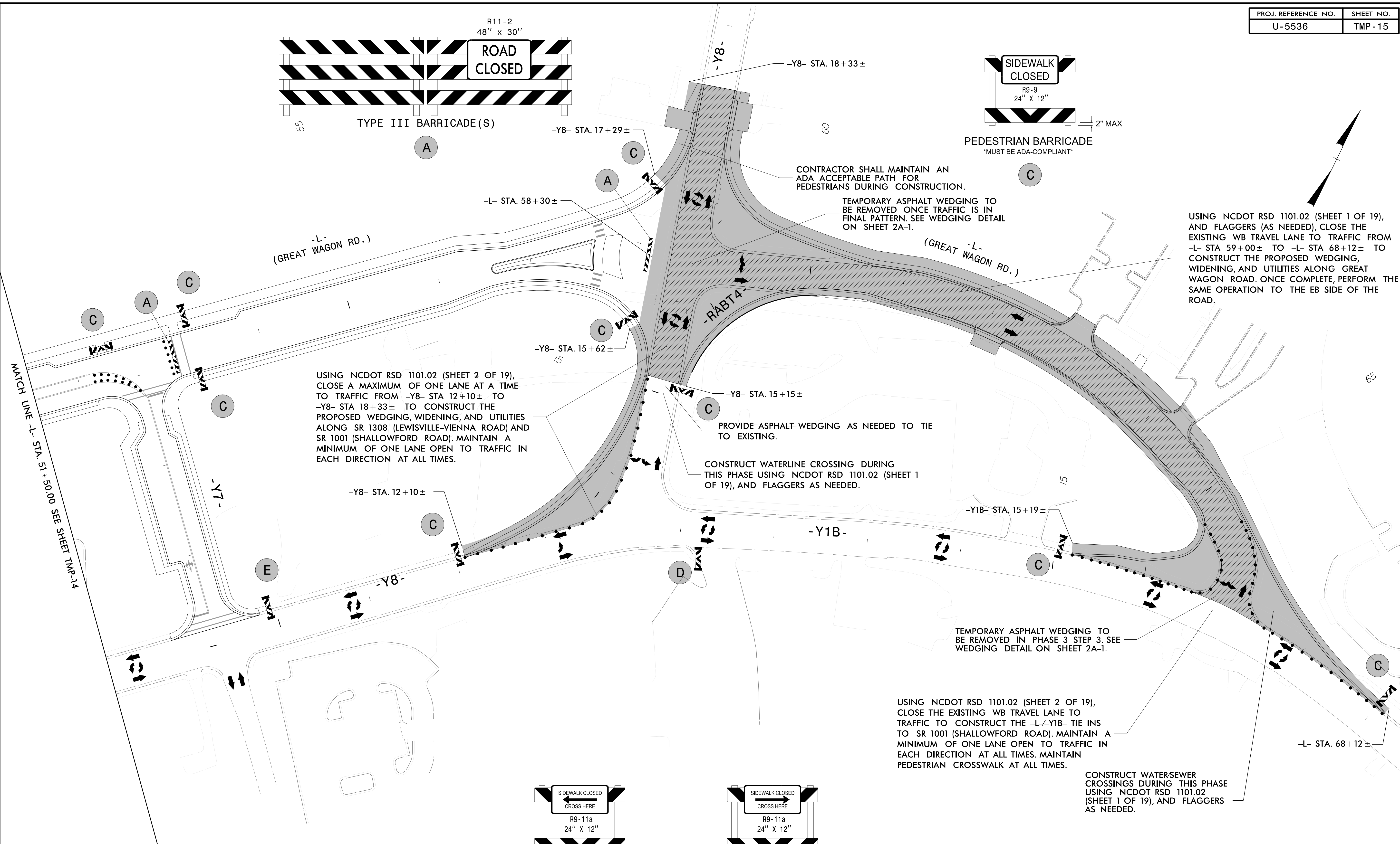
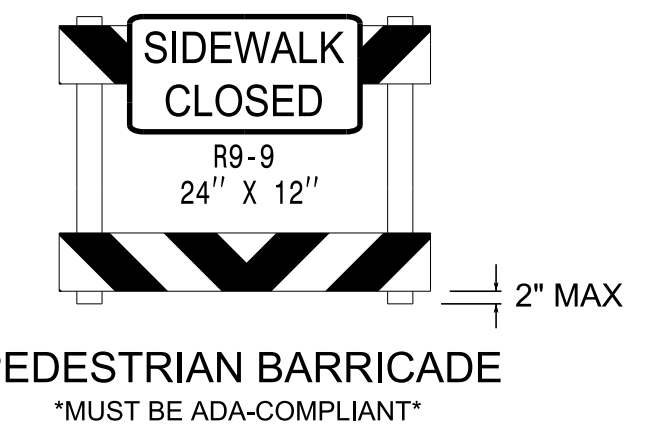
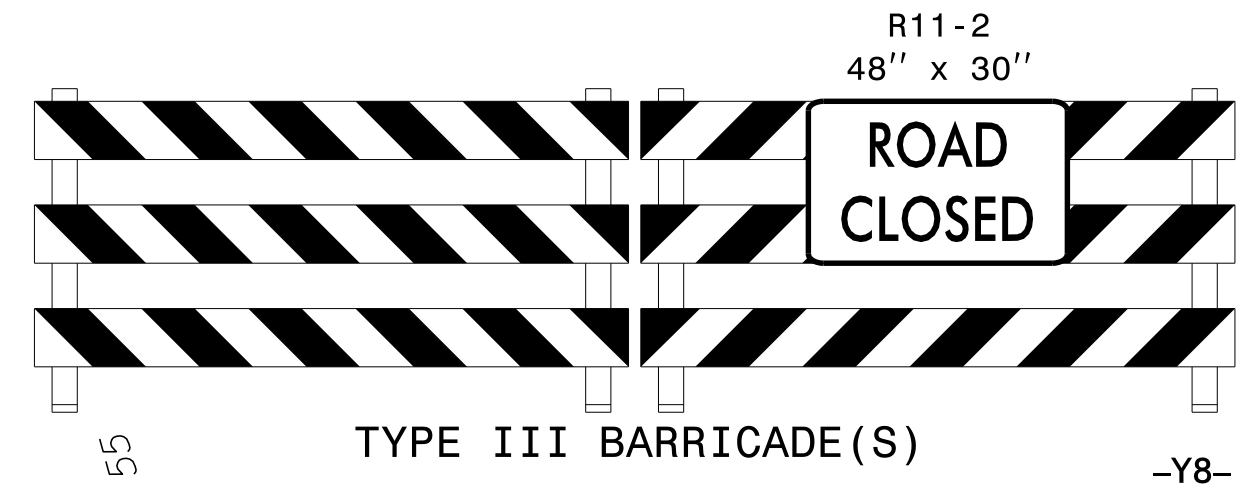
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PHASE 3 - STEP 1

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Raleigh, NC 27612-3228  
NC COA No. F-1255

WORKING WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION & INFRASTRUCTURE DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA ZONE TRAFFIC CONTROL



12/5/2024 pw:\cdmsmith-az02-pw.bentley.com\pw-p\in\documents\117240\23192\10 Transportation\04 Client Folder Structure\U5536\Traffic\TrafficControl\TCP\U5536\_TC\_TMP15.dgn User:CONRADAM

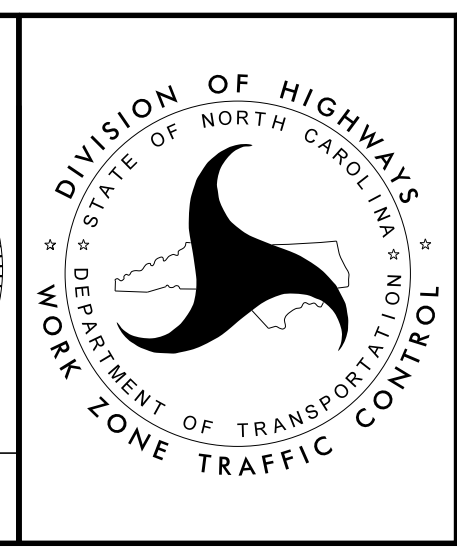
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Raleigh, NC 27612-3228  
NC COA No. F-1255

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DATE: 12/19/2024

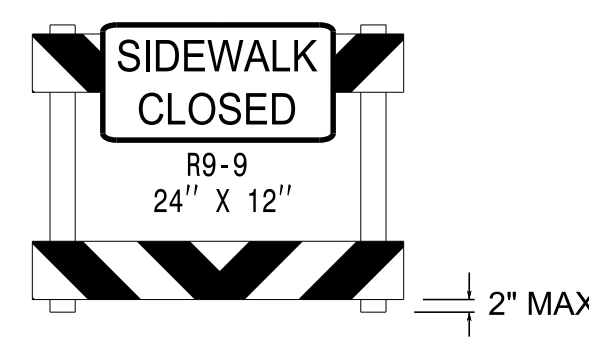
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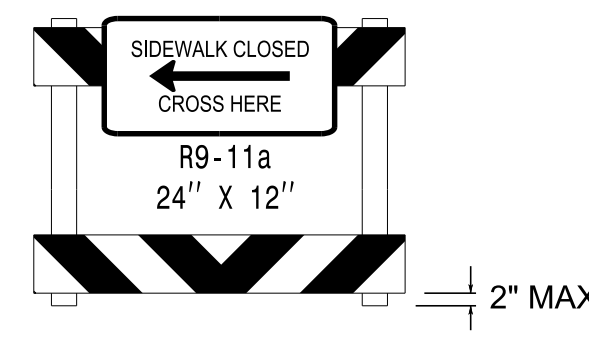


PHASE 3 - STEP 1



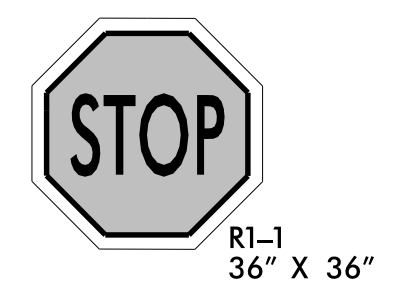
**PEDESTRIAN BARRICADE**  
"MUST BE ADA-COMPLIANT"

**A**

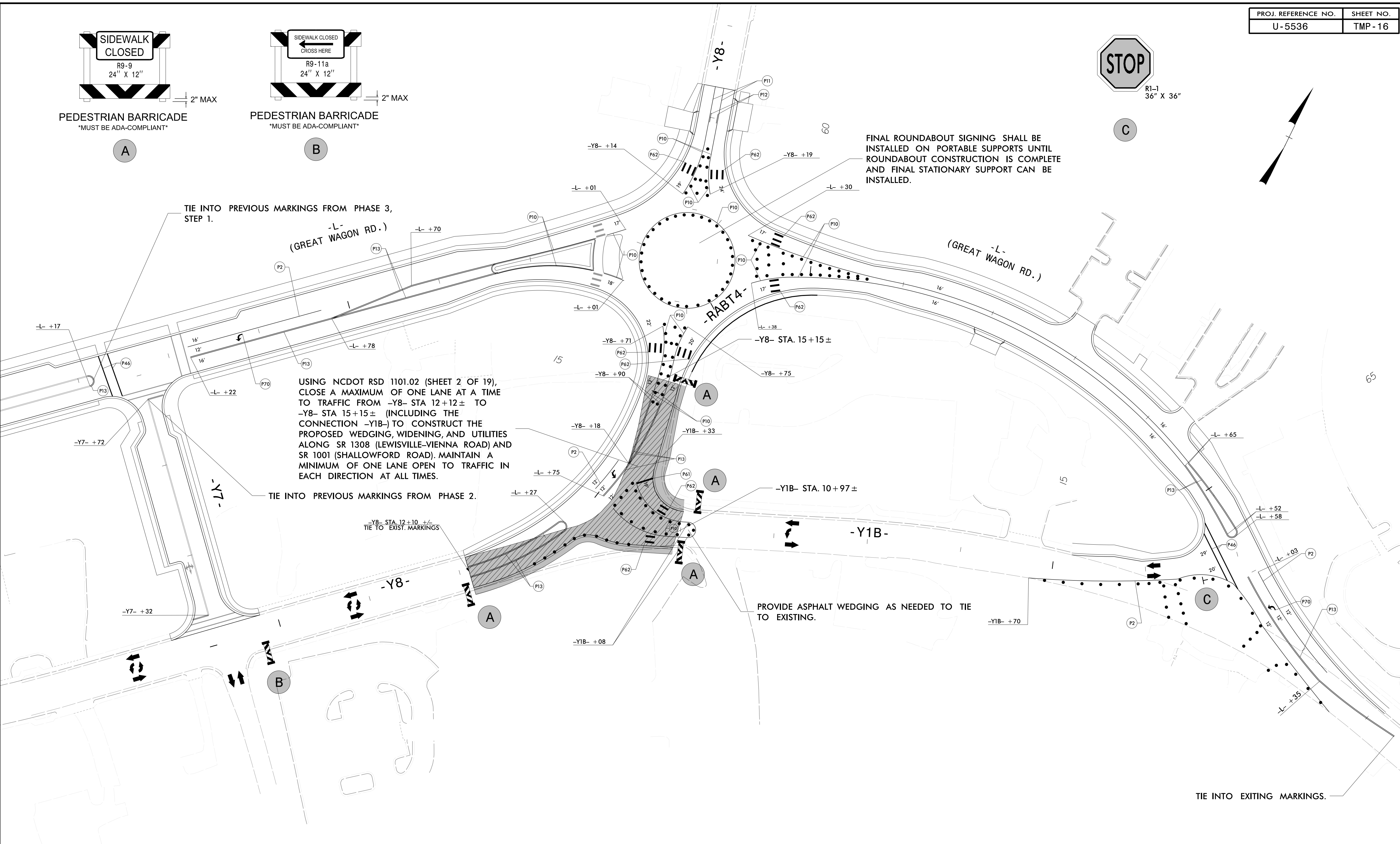


**PEDESTRIAN BARRICADE**  
"MUST BE ADA-COMPLIANT"

**B**



**C**

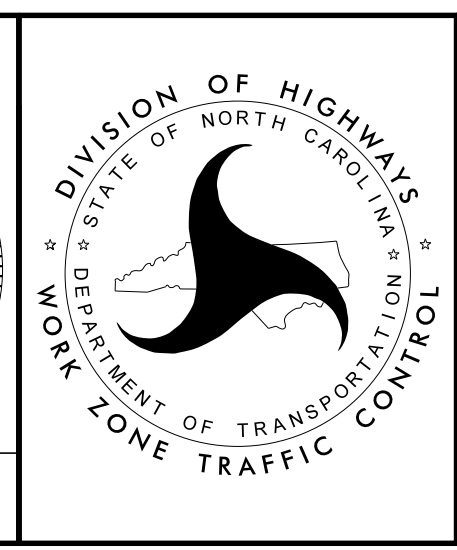


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 CDM Smith Inc.  
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 Raleigh, NC 27612-3228  
 NC COA No. F-1255

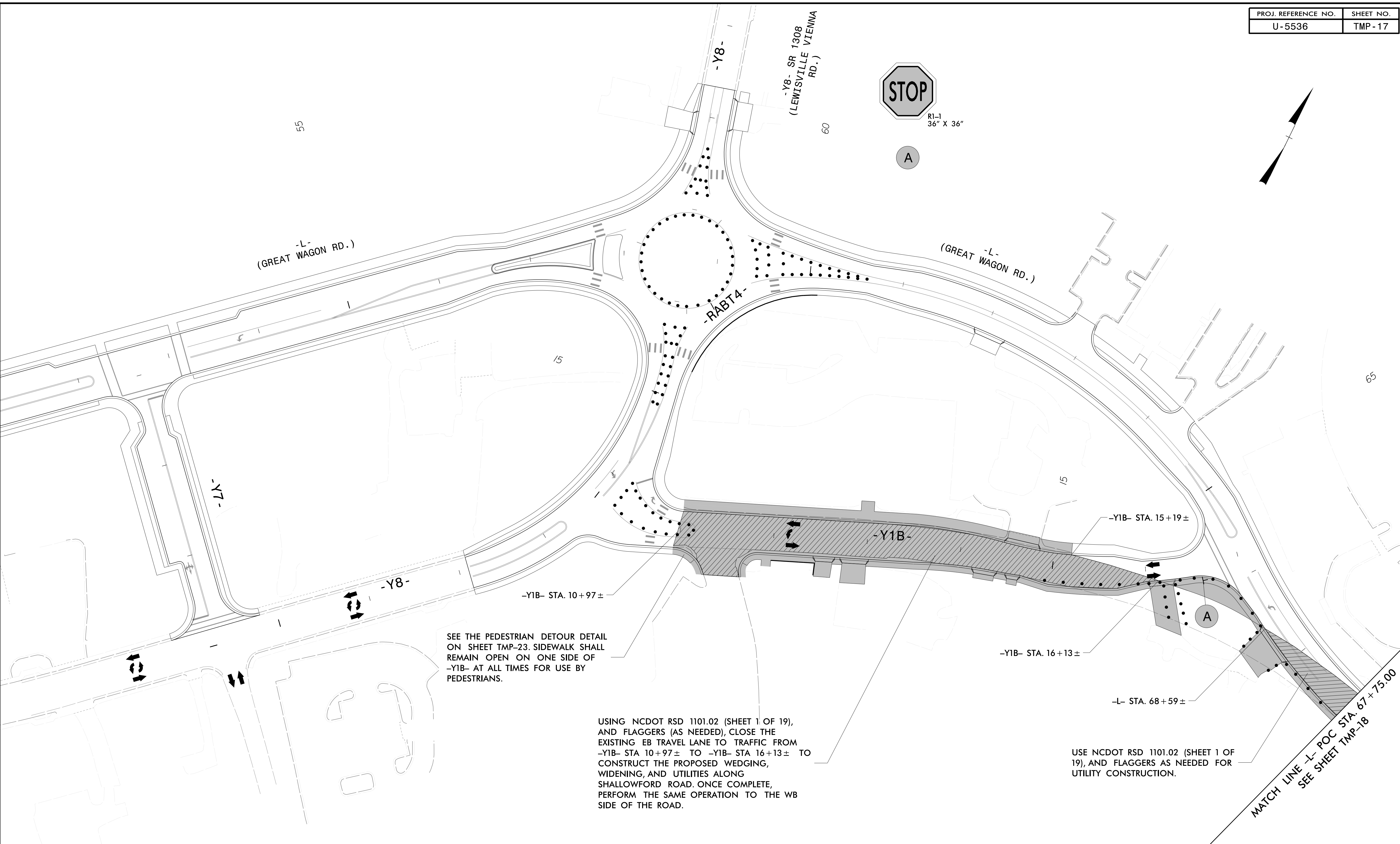
APPROVED: *Adam M. Conrad*  
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 DATE: 12/19/2024

SEAL



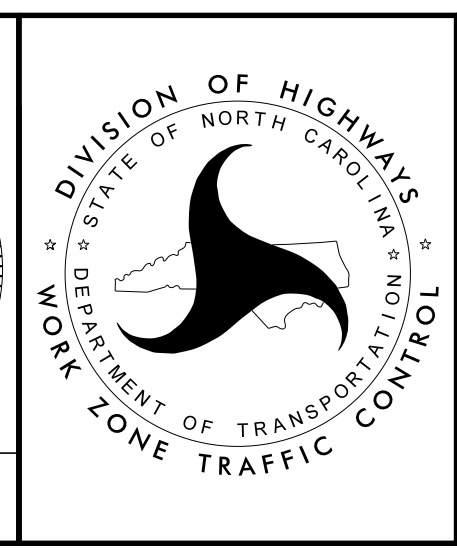
**PHASE 3 - STEP 2**

11/22/2024  
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 NORTH CAROLINA PROFESSIONAL ENGINEER  
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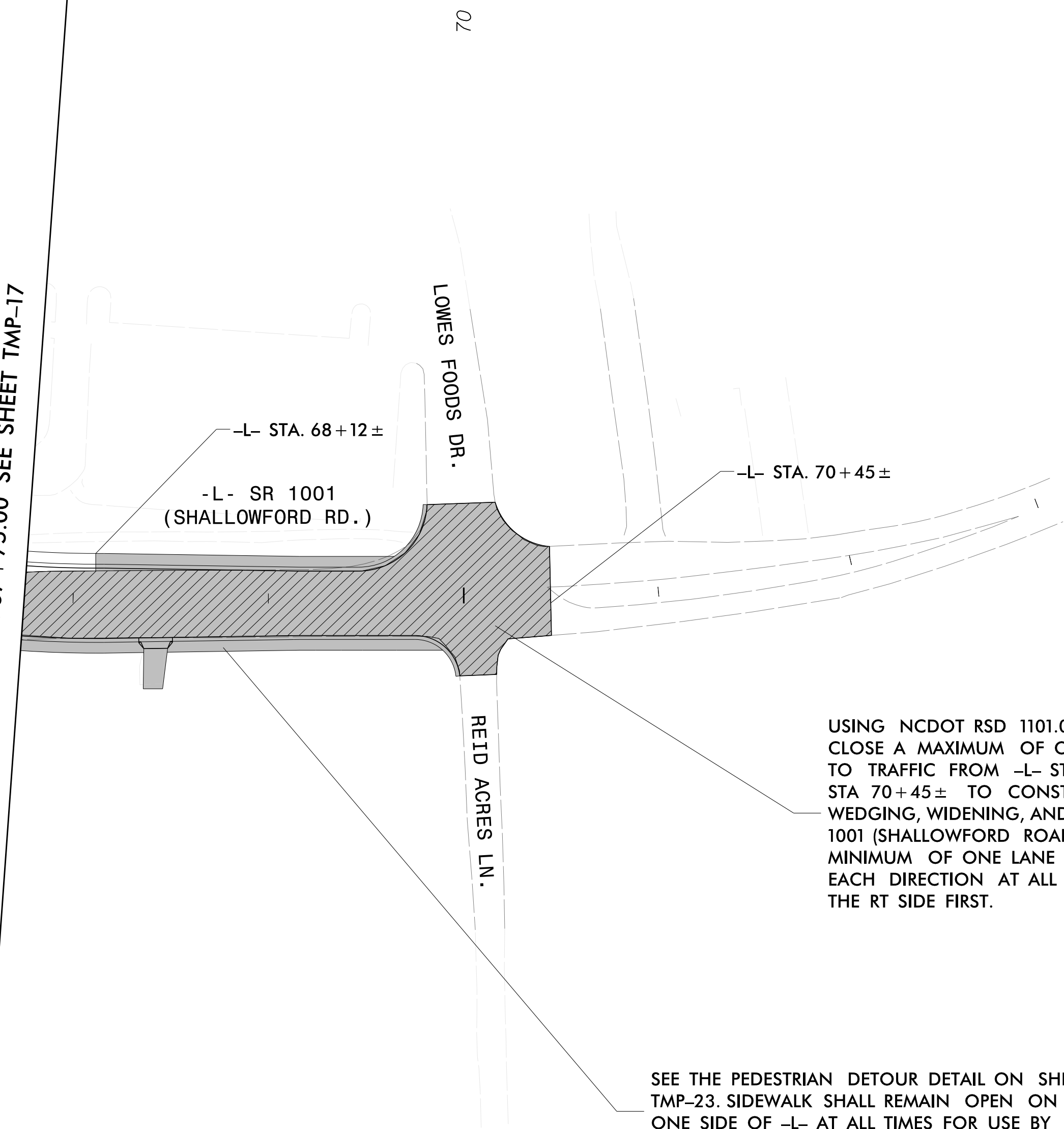
PHASE 3 - STEP 3

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PROJ. REFERENCE NO.	SHEET NO.
U-5536	TMP-18



MATCH LINE -L- POC STA. 67+75.00 SEE SHEET TMP-17



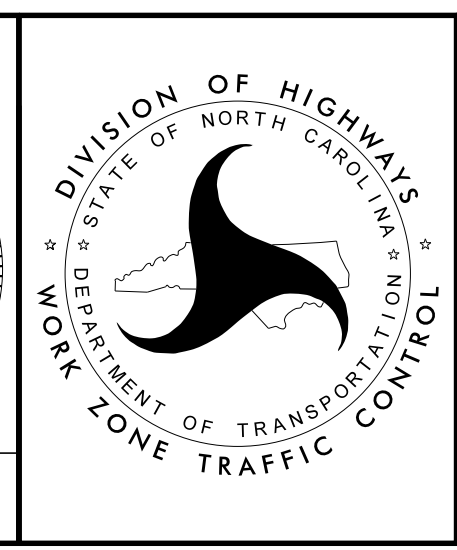
USING NCDOT RSD 1101.02 (SHEET 2 OF 19), CLOSE A MAXIMUM OF ONE LANE AT A TIME TO TRAFFIC FROM -L- STA 68+59± TO -L- STA 70+45± TO CONSTRUCT THE PROPOSED WEDGING, WIDENING, AND UTILITIES ALONG SR 1001 (SHALLOWFORD ROAD). MAINTAIN A MINIMUM OF ONE LANE OPEN TO TRAFFIC IN EACH DIRECTION AT ALL TIMES, CONSTRUCTING THE RT SIDE FIRST.

SEE THE PEDESTRIAN DETOUR DETAIL ON SHEET TMP-23. SIDEWALK SHALL REMAIN OPEN ON ONE SIDE OF -L- AT ALL TIMES FOR USE BY PEDESTRIANS.

11/22/2024  
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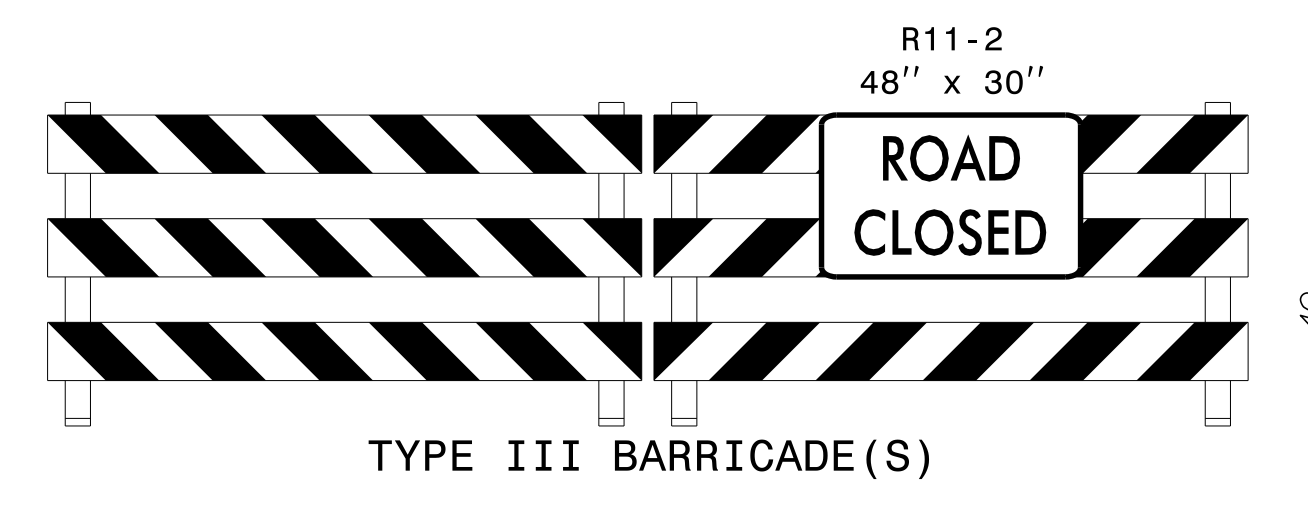
**CDM Smith**  
 CDM Smith Inc.  
 5400 Glenwood Avenue  
 Suite 400  
 Raleigh, NC 27612-3228  
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 DATE: 12/19/2024  
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 NORTH CAROLINA PROFESSIONAL ENGINEER  
 ADAM M. CONRAD  
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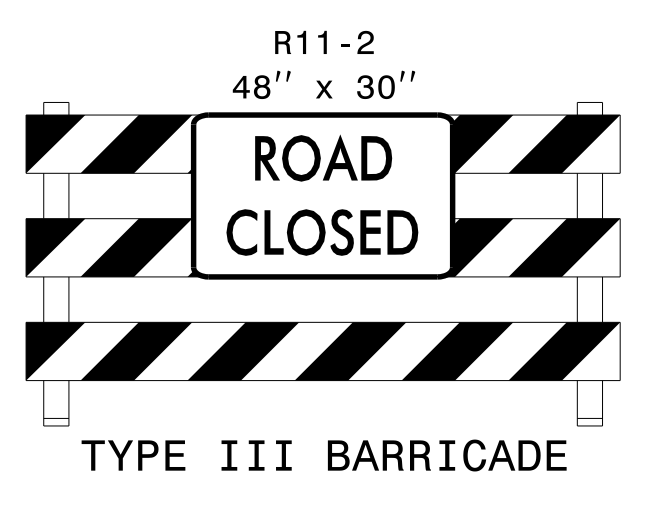


PHASE 3 - STEP 3

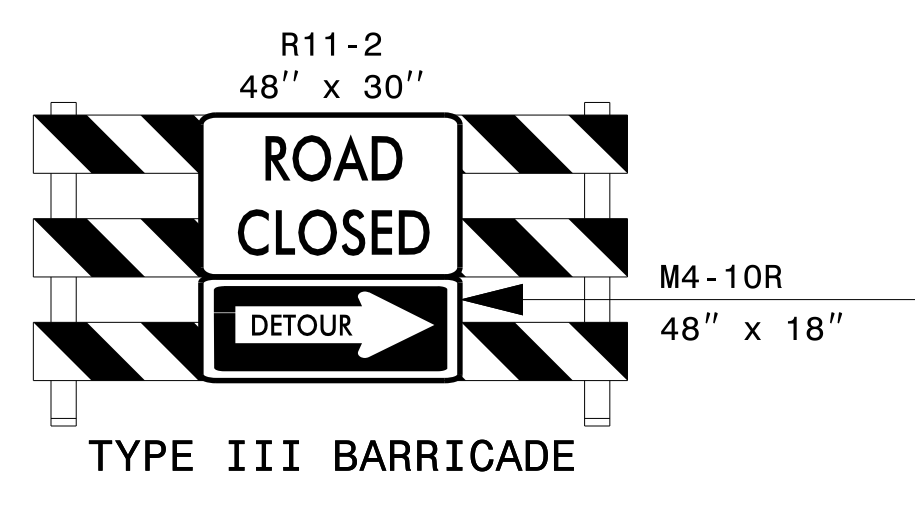
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



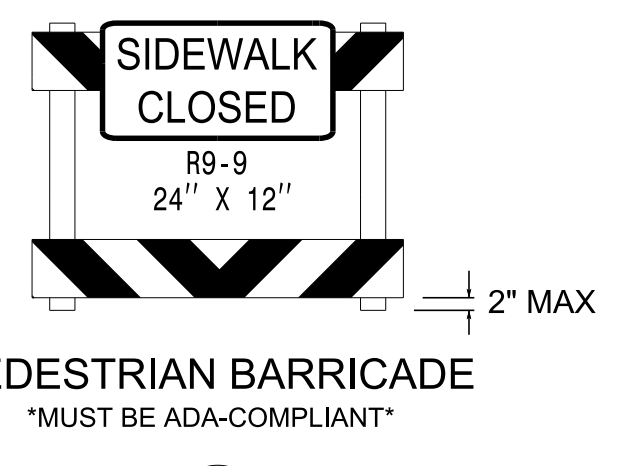
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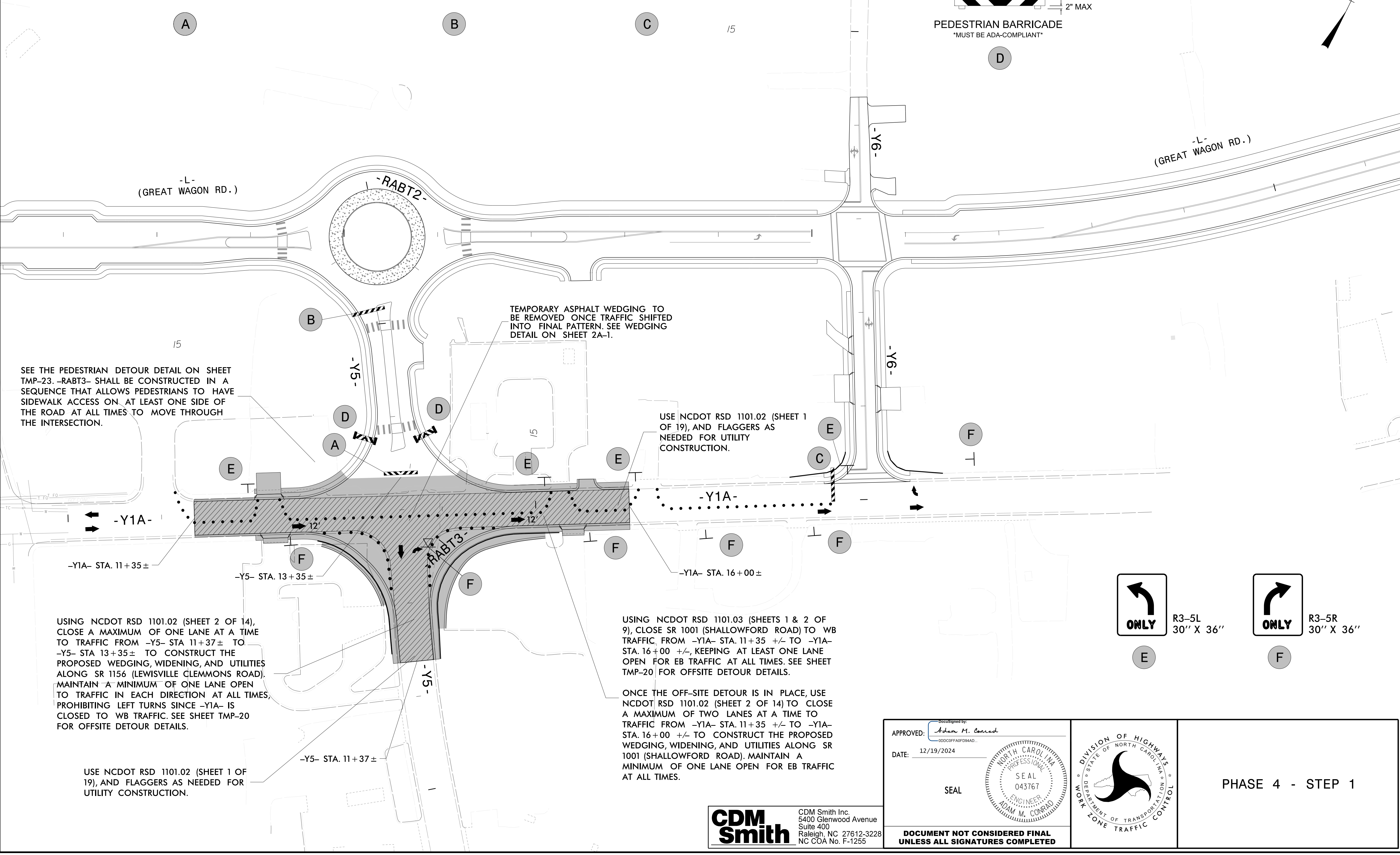
B



C



D



SEE THE PEDESTRIAN DETOUR DETAIL ON SHEET TMP-23. -RABT3- SHALL BE CONSTRUCTED IN A SEQUENCE THAT ALLOWS PEDESTRIANS TO HAVE SIDEWALK ACCESS ON AT LEAST ONE SIDE OF THE ROAD AT ALL TIMES TO MOVE THROUGH THE INTERSECTION.

TEMPORARY ASPHALT WEDGING TO BE REMOVED ONCE TRAFFIC SHIFTED INTO FINAL PATTERN. SEE WEDGING DETAIL ON SHEET 2A-1.

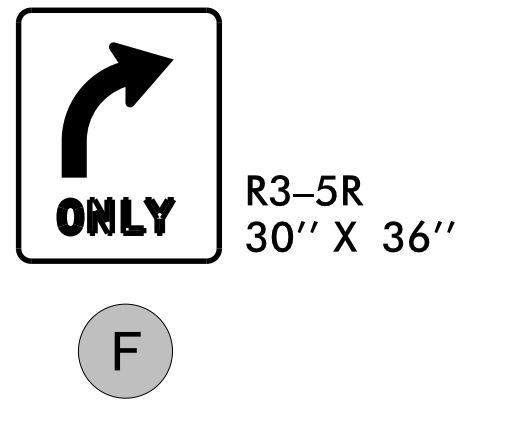
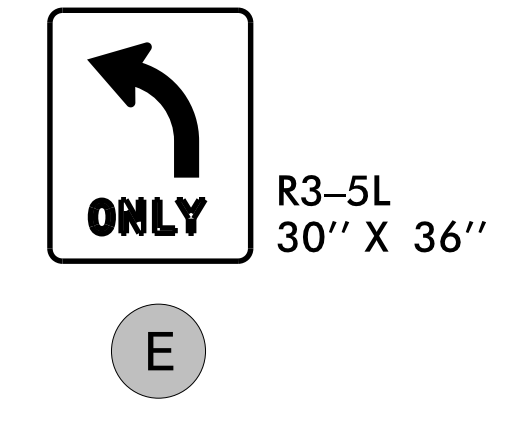
USE NCDOT RSD 1101.02 (SHEET 1 OF 19), AND FLAGGERS AS NEEDED FOR UTILITY CONSTRUCTION.

USING NCDOT RSD 1101.02 (SHEET 2 OF 14), CLOSE A MAXIMUM OF ONE LANE AT A TIME TO TRAFFIC FROM -Y5- STA 11+37± TO -Y5- STA 13+35± TO CONSTRUCT THE PROPOSED WEDGING, WIDENING, AND UTILITIES ALONG SR 1156 (LEWISVILLE CLEMMONS ROAD). MAINTAIN A MINIMUM OF ONE LANE OPEN TO TRAFFIC IN EACH DIRECTION AT ALL TIMES, PROHIBITING LEFT TURNS SINCE -Y1A- IS CLOSED TO WB TRAFFIC. SEE SHEET TMP-20 FOR OFFSITE DETOUR DETAILS.

USING NCDOT RSD 1101.03 (SHEETS 1 & 2 OF 9), CLOSE SR 1001 (SHALLOWFORD ROAD) TO WB TRAFFIC FROM -Y1A- STA. 11+35 ±/- TO -Y1A- STA. 16+00 ±/-, KEEPING AT LEAST ONE LANE OPEN FOR EB TRAFFIC AT ALL TIMES. SEE SHEET TMP-20 FOR OFFSITE DETOUR DETAILS.

ONCE THE OFF-SITE DETOUR IS IN PLACE, USE NCDOT RSD 1101.02 (SHEET 2 OF 14) TO CLOSE A MAXIMUM OF TWO LANES AT A TIME TO TRAFFIC FROM -Y1A- STA. 11+35 ±/- TO -Y1A- STA. 16+00 ±/- TO CONSTRUCT THE PROPOSED WEDGING, WIDENING, AND UTILITIES ALONG SR 1001 (SHALLOWFORD ROAD). MAINTAIN A MINIMUM OF ONE LANE OPEN FOR EB TRAFFIC AT ALL TIMES.

USE NCDOT RSD 1101.02 (SHEET 1 OF 19), AND FLAGGERS AS NEEDED FOR UTILITY CONSTRUCTION.



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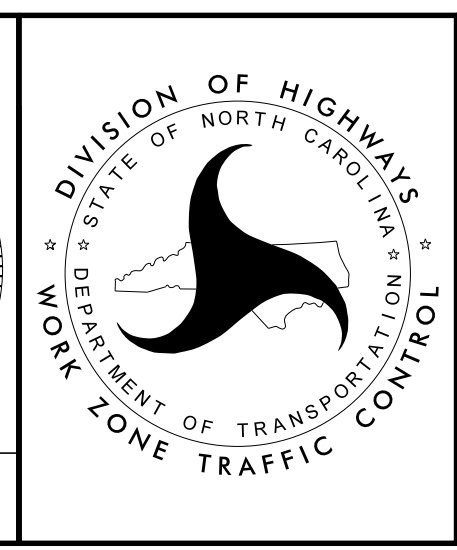
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CDM Smith Inc.  
5400 Glenwood Avenue  
Suite 400  
Raleigh, NC 27612-3228  
NC COA No. F-1255

APPROVED: *Adam M. Conrad*  
DATE: 12/19/2024

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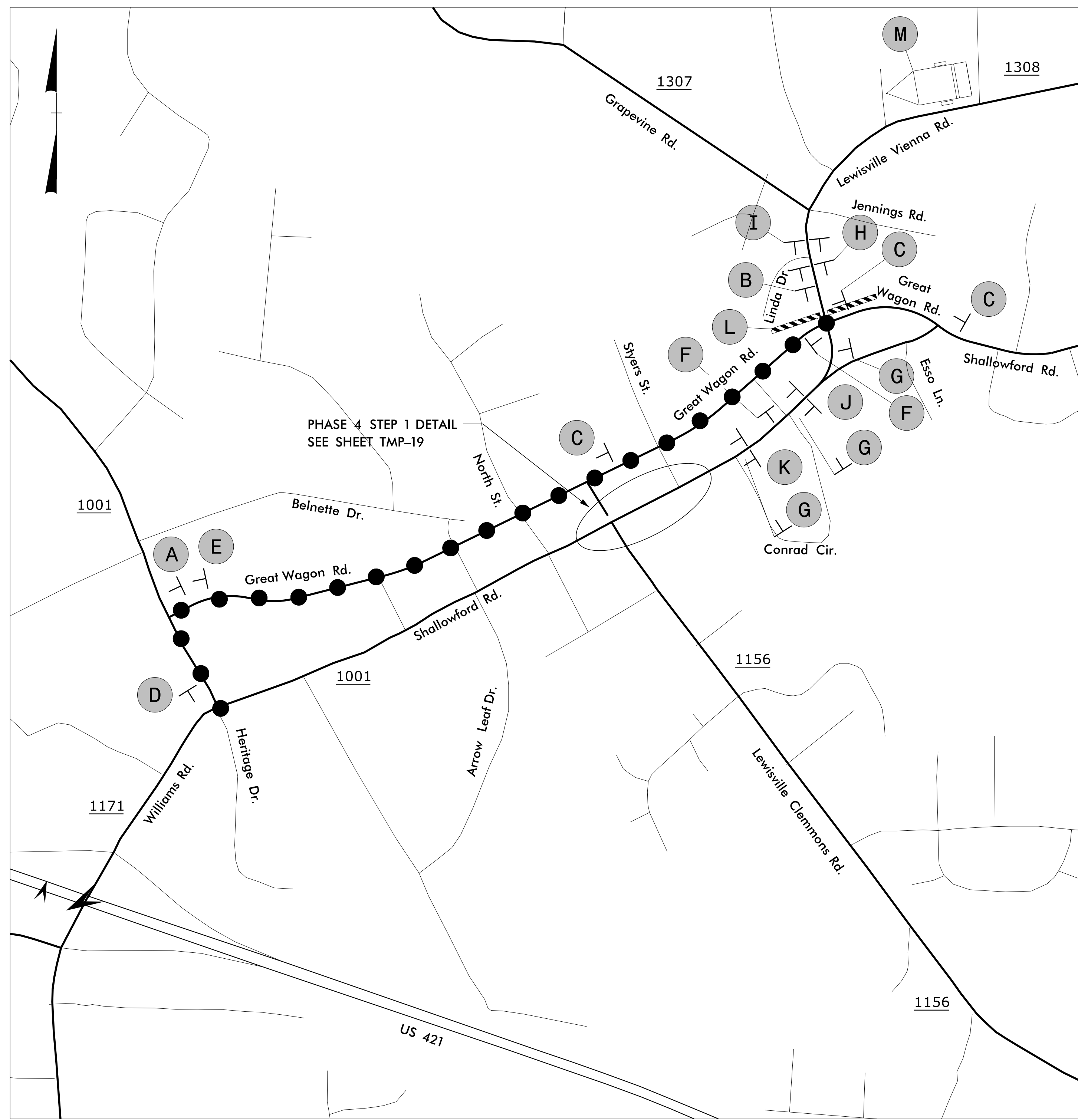
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ENGINEER  
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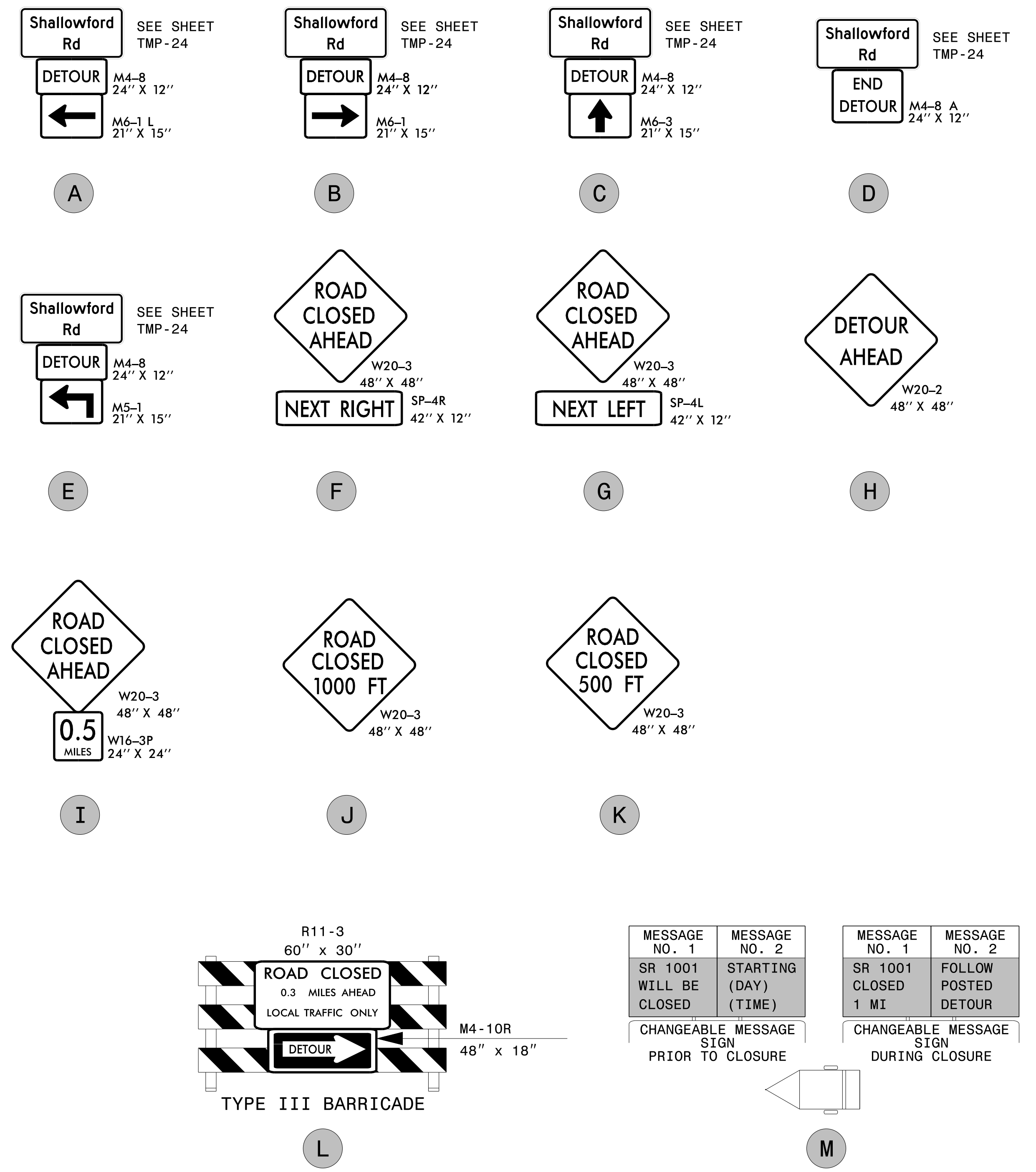


PHASE 4 - STEP 1





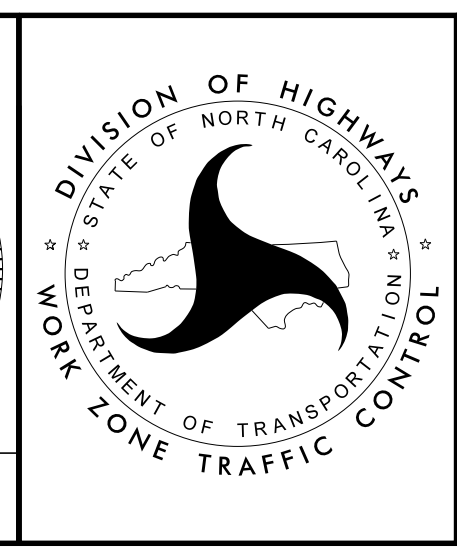
●●●●●●●●  
OFF-SITE DETOUR ROUTE



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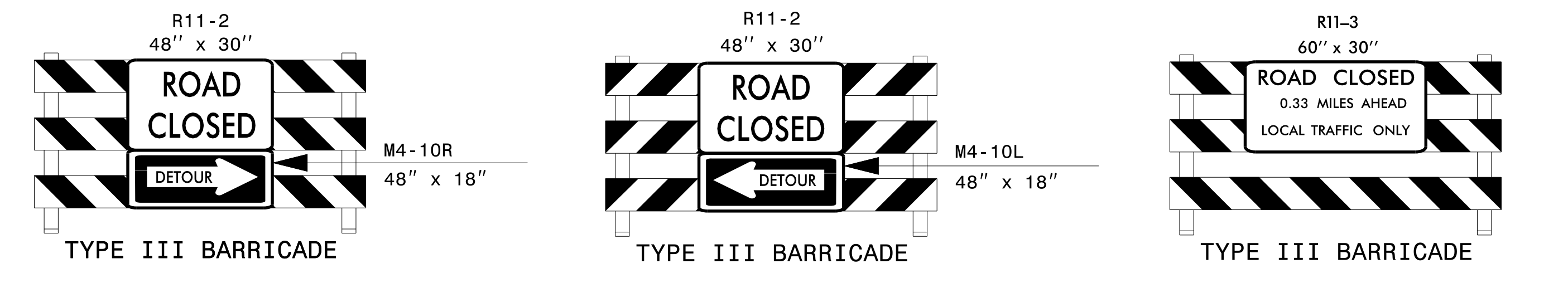
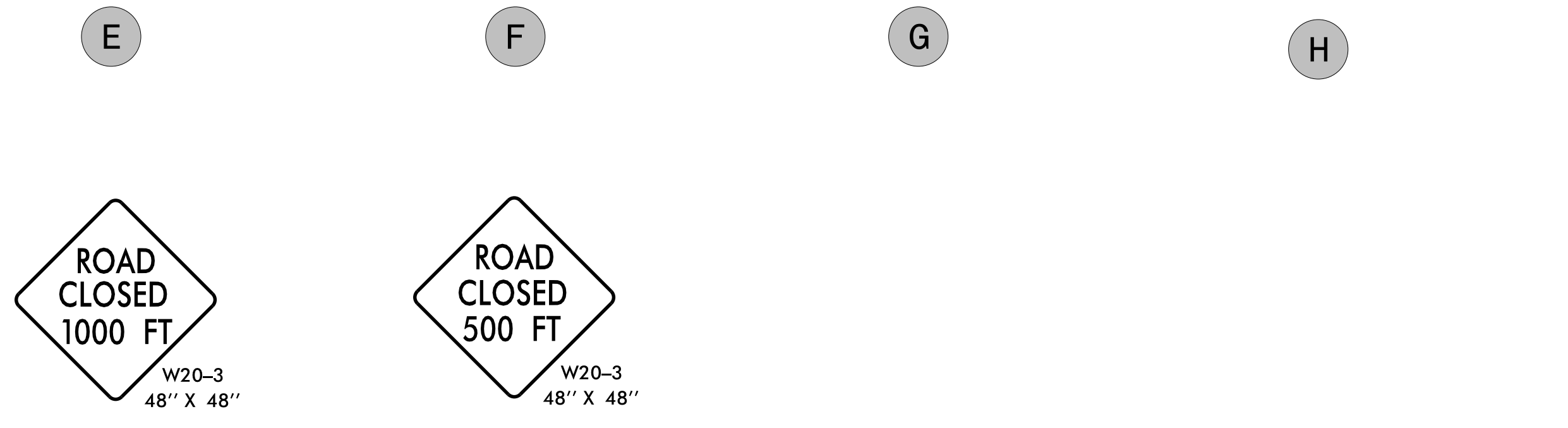
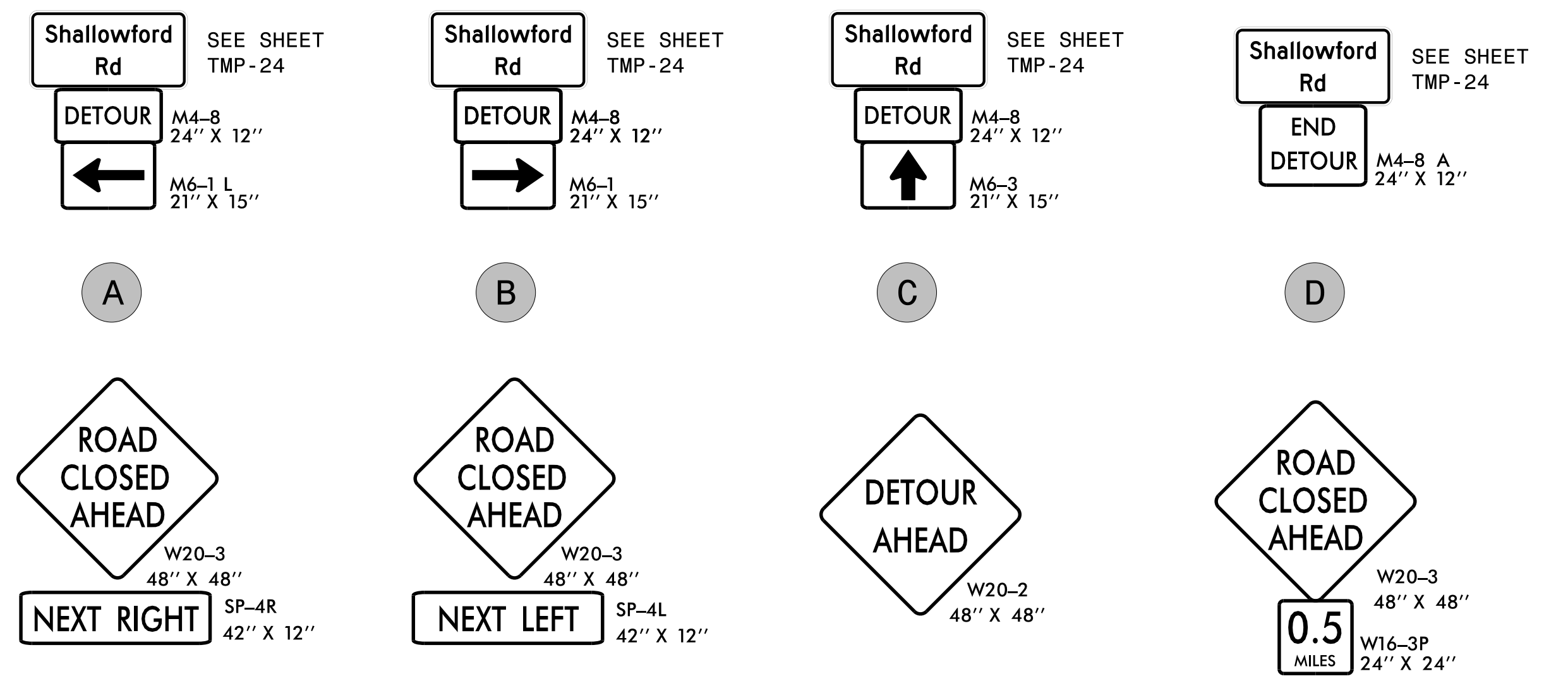


**PHASE 4 STEP 1  
OFF-SITE DETOUR 2**

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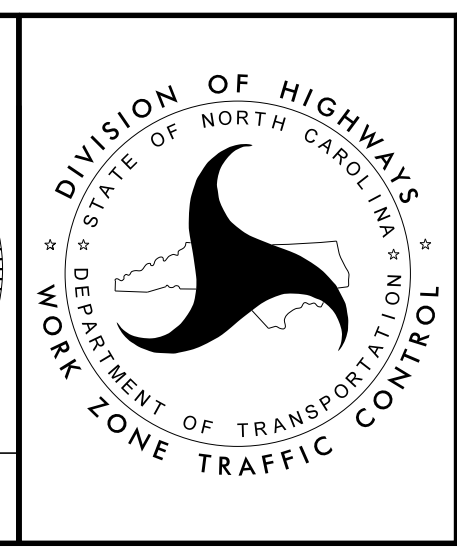
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OFF-SITE DETOUR ROUTE



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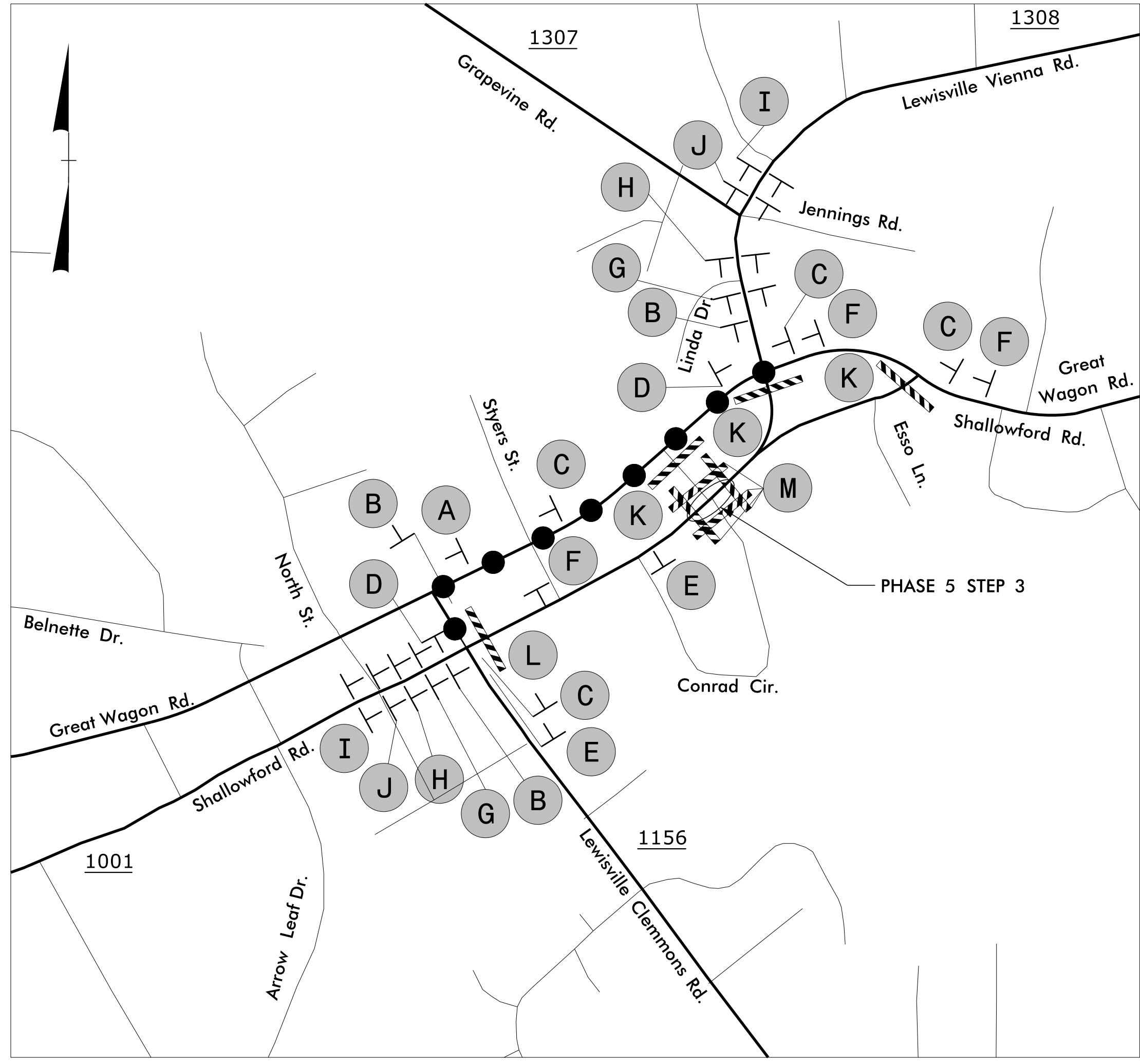


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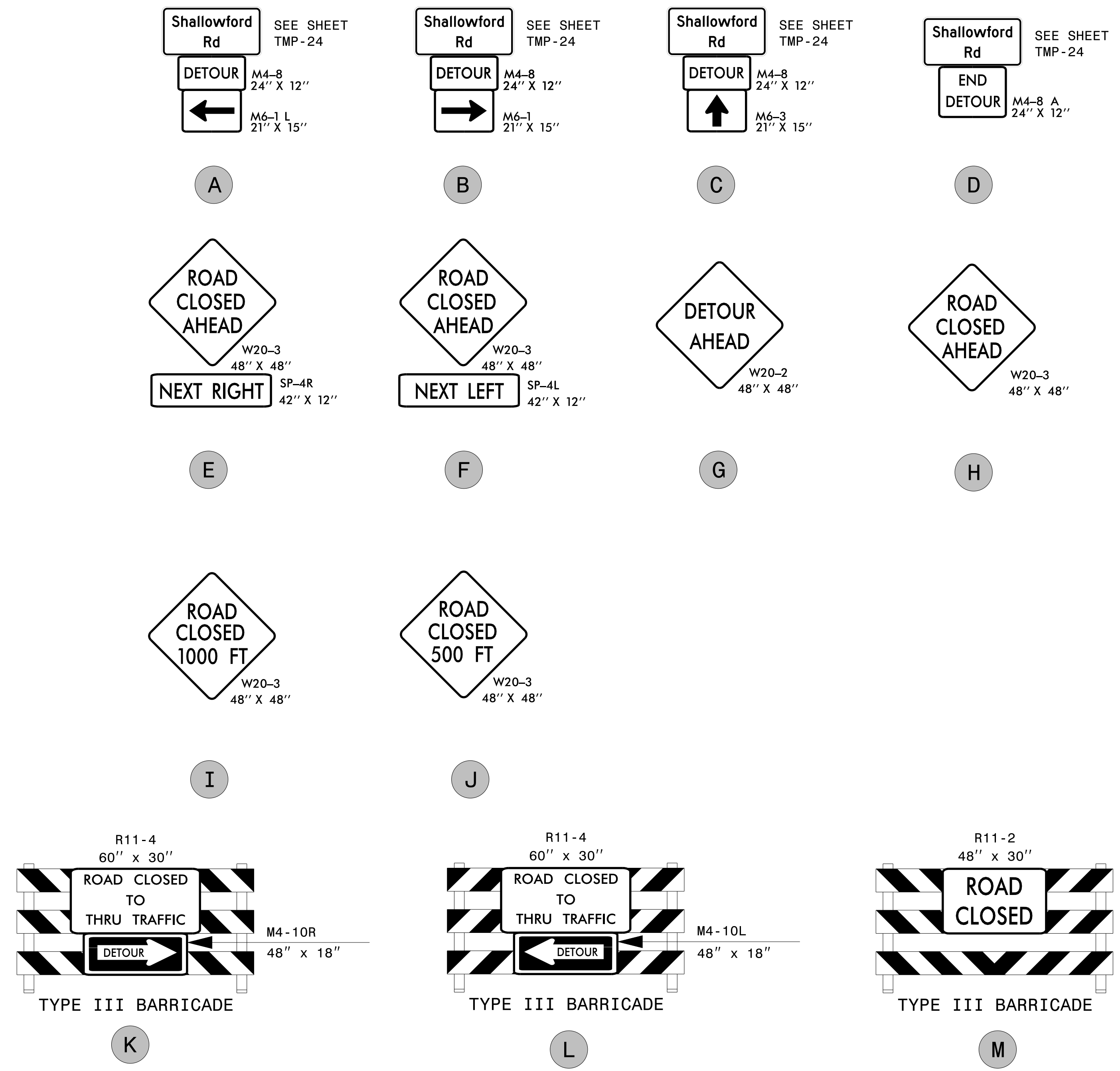


PHASE 5 STEP 2  
OFF-SITE DETOUR 3

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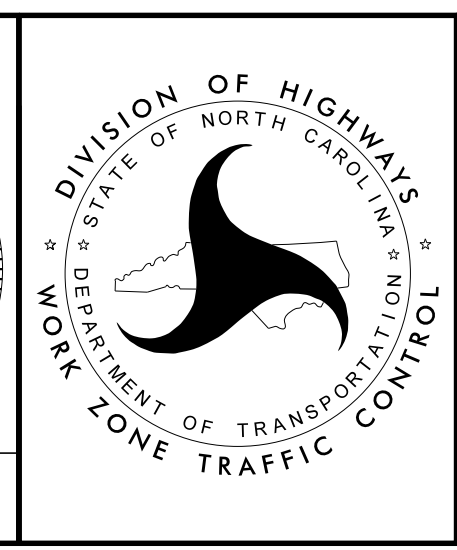
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OFF-SITE DETOUR ROUTE



11/22/2024  
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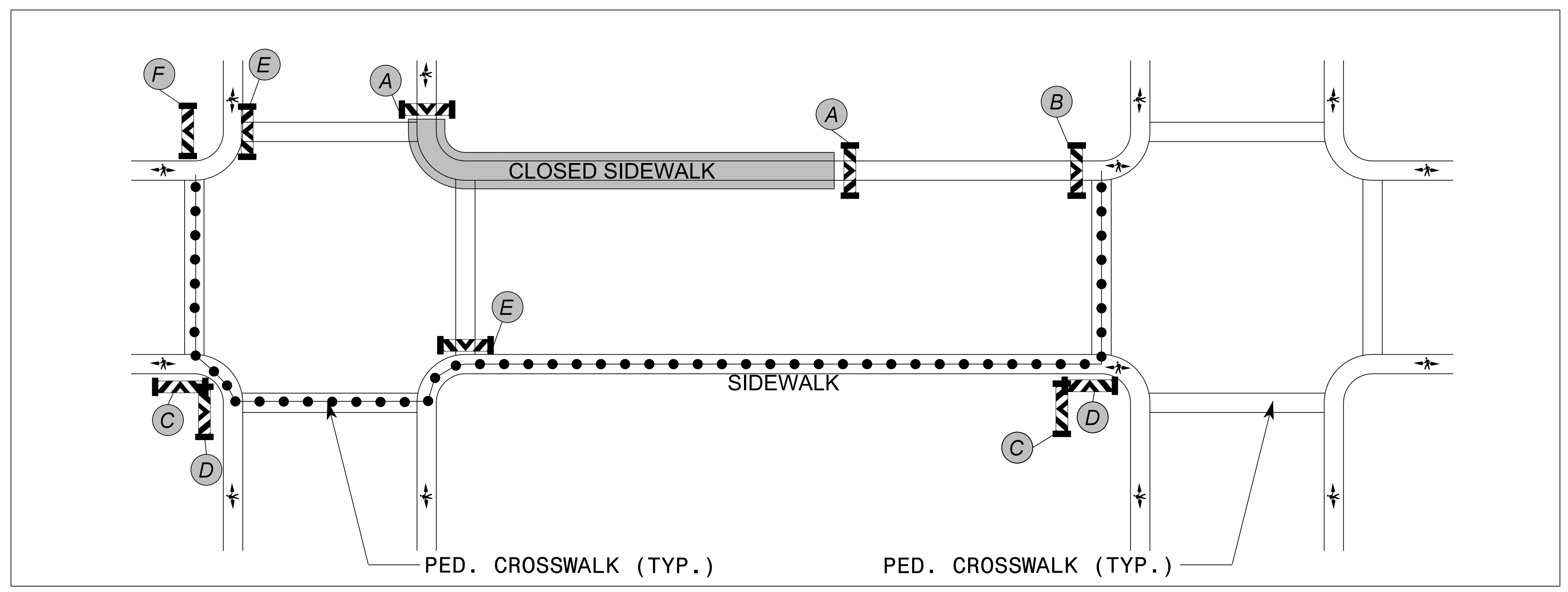
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 Raleigh, NC 27612-3228  
 NC COA No. F-1255

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 ADAM M. CONRAD  
 043767

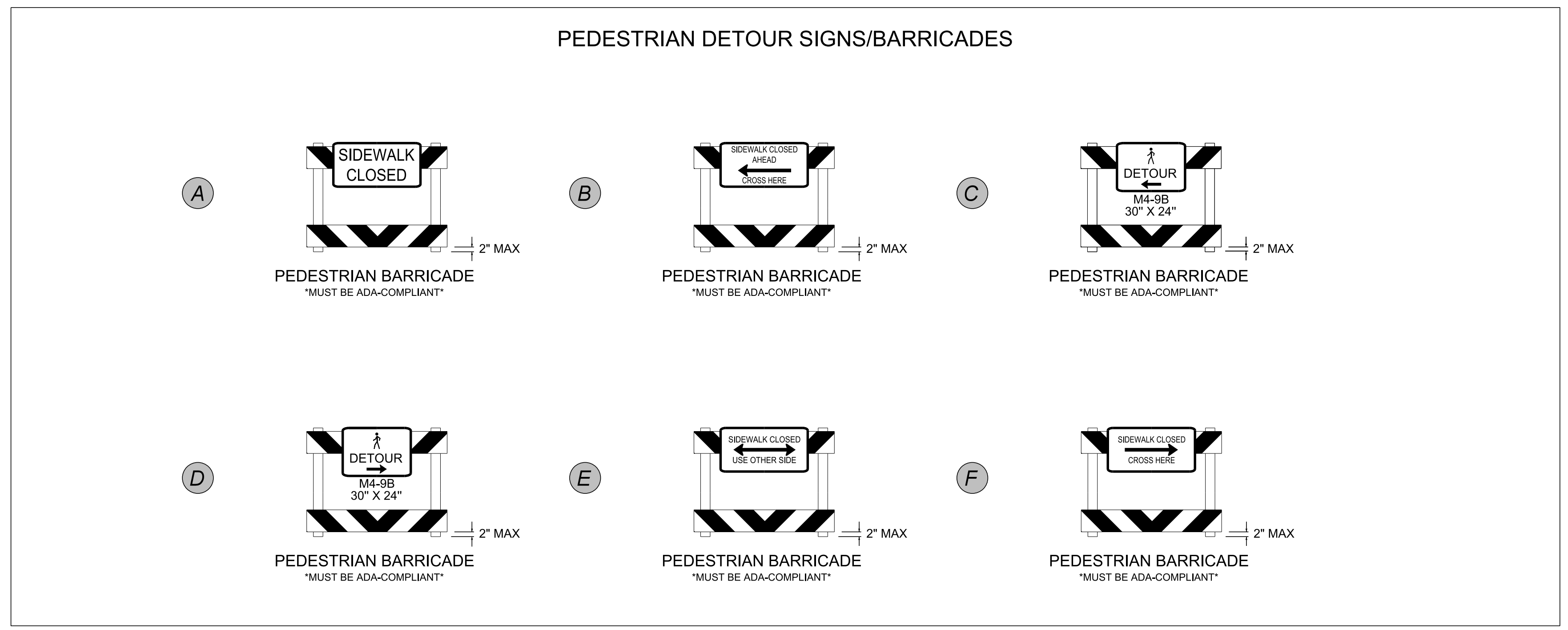


**PHASE 5 STEP 3  
 OFF-SITE DETOUR 4**

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



TYPICAL PEDESTRIAN DETOUR

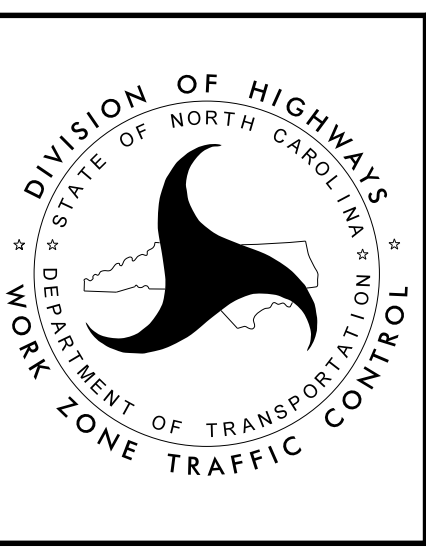


NOTE:  
 1. WHEN AN EXISTING SIDEWALK IS NOT LOCATED ADJACENT TO THE CLOSED SIDEWALK, THE CONTRACTOR SHALL PROVIDE A TEMPORARY SIDEWALK AS DESCRIBED IN THE GENERAL NOTES ON SHEET TMP-1C.

11/22/2024  
 pw:\cdmsmith-az02-pw.bentley.com\pw-p\in\documents\117240\23192\10 Transportation\04 Client Folder Structure\U5536\TrafficControl\TCP\U5536\_TC\_TMP23.dgn  
 User:CONRADAM

**CDM Smith**  
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APPROVED: *Adam M. Conrad*  
 DATE: 12/19/2024  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 ADAM M. CONRAD  
 043767



PEDESTRIAN DETOUR ROUTES

