

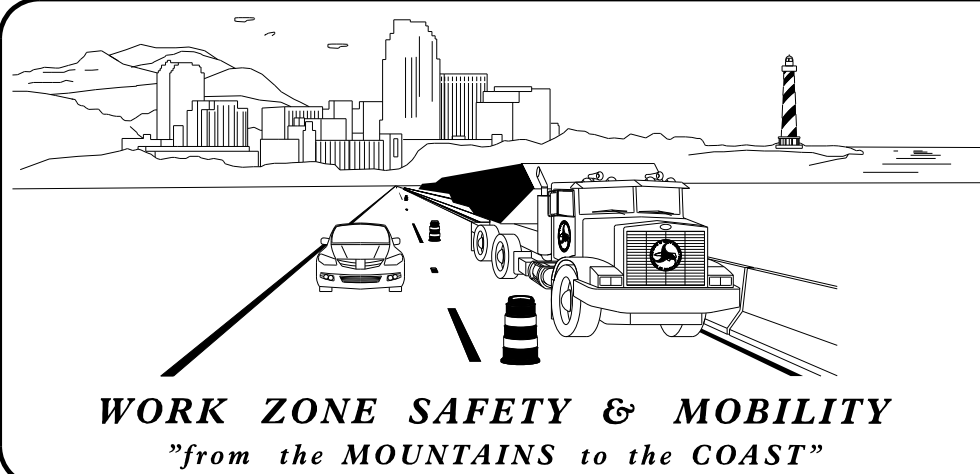
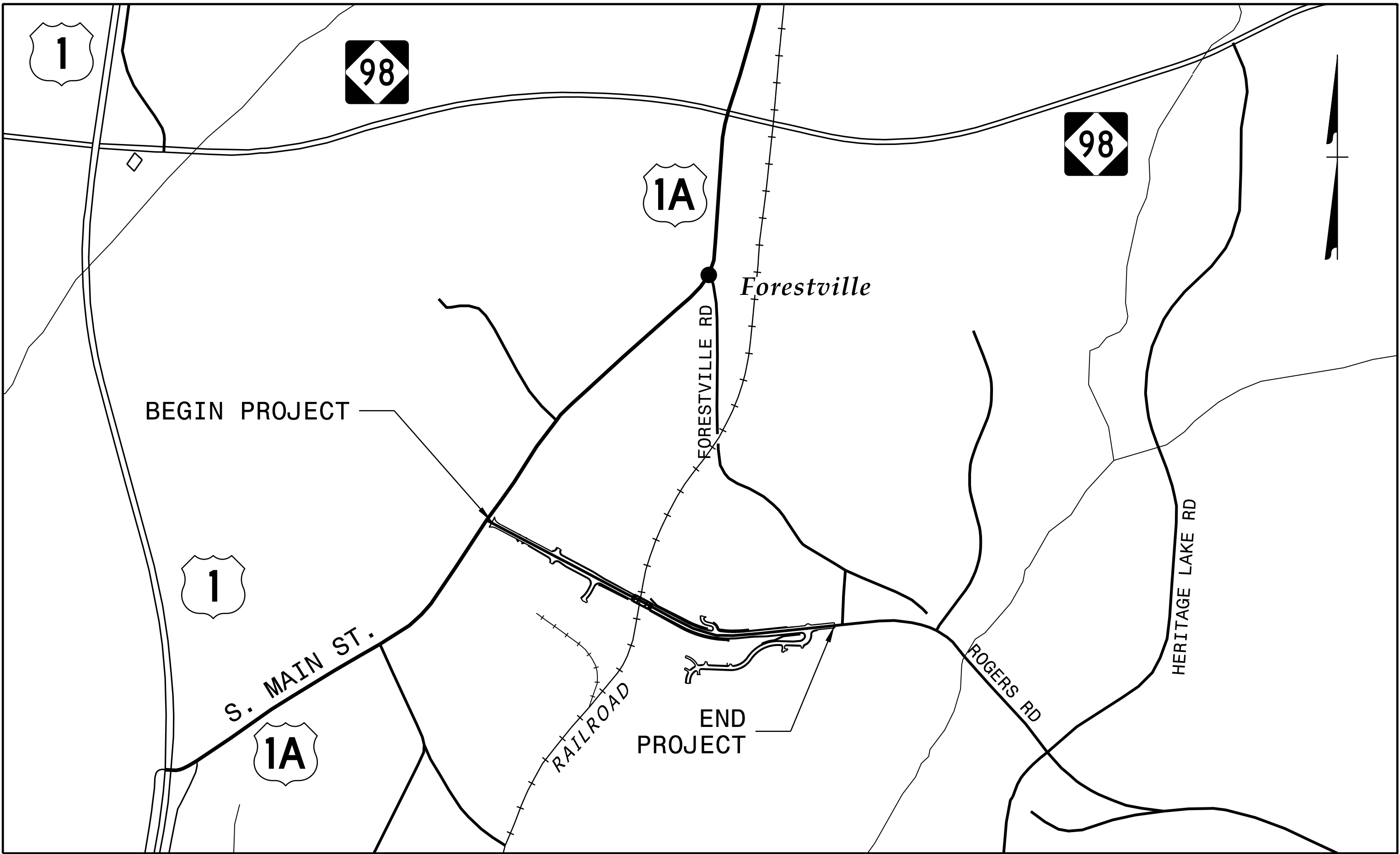
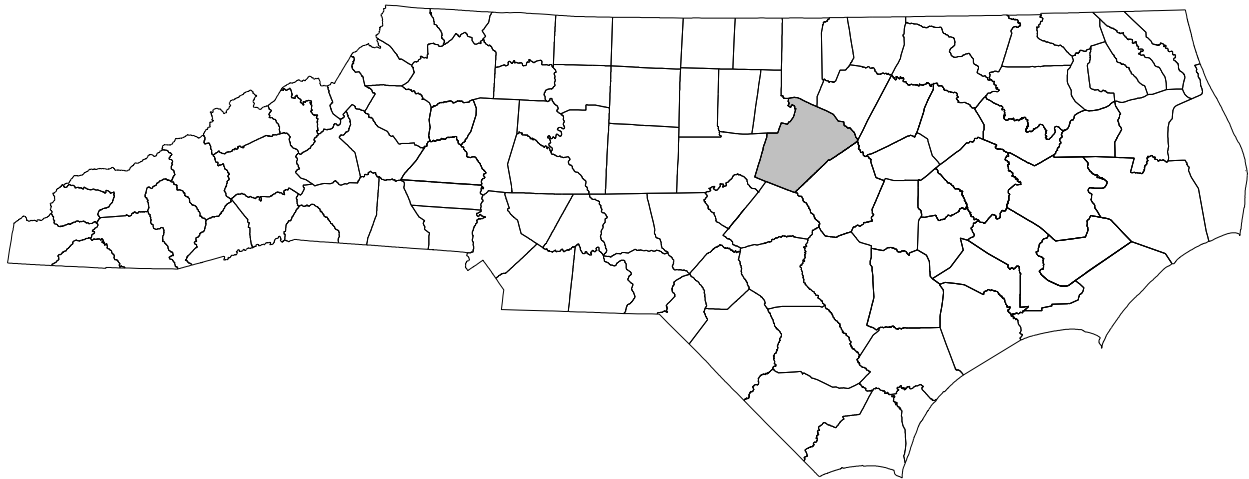
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

WAKE COUNTY

LOCATION: ROGERS ROAD (SR 2052) GRADE SEPARATION OVER CSX RAILROAD
(CROSSING NO. 633905Y) AT MILE POST S 142.53

TYPE OF WORK: DRAINAGE, GRADING, PAVING, SIGNALS, STRUCTURE, WIDENING &
RETAINING WALLS



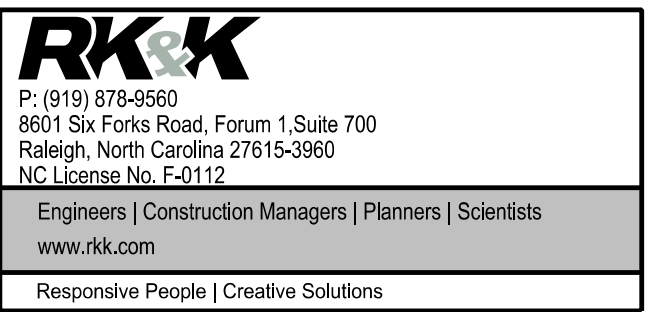
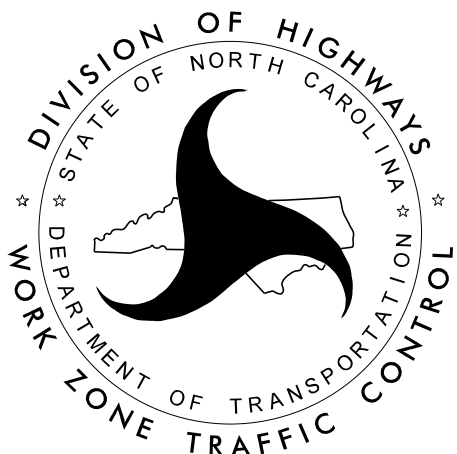
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
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TRAFFIC CONTROL DESIGN ENGINEER

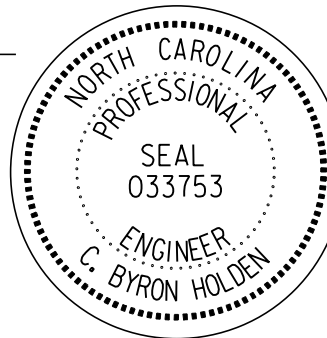


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DATE: 8/27/2026

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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 THROUGH 1C	TRANSPORTATION OPERATIONS PLAN: (GENERAL NOTES)
TMP-2	PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS
TMP-2A AND 2AB	TEMPORARY SHORING DATA
TMP-2B	SPECIAL SIGN DESIGNS
TMP-3 AND 3A	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4 THROUGH 16	TEMPORARY TRAFFIC CONTROL PHASE I DETAILS
TMP-17 THROUGH 19	TEMPORARY TRAFFIC CONTROL PHASE II DETAILS
TMP-20 THROUGH 24A	TEMPORARY TRAFFIC CONTROL PHASE III DETAILS
TMP-25 THROUGH 35	TEMPORARY TRAFFIC CONTROL PHASE IV DETAILS
TMP-36 THROUGH 39	TEMPORARY TRAFFIC CONTROL PHASE V DETAILS

SHEET NO.
TMP-1

P-5707

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 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
1101.05	WORK ZONE VEHICLE ACCESSES
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	DRUM
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGERS
1160.01	TEMPORARY CRASH CUSHION
1165.01	TRUCK MOUNTED ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY DRUMS
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
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING

LEGEND

GENERAL

DIRECTION OF TRAFFIC FLOW

DIRECTION OF PEDESTRIAN TRAFFIC FLOW

NORTH ARROW

TEMP. SHORING (LOCATION PURPOSES ONLY)

WORK AREA

REMOVAL

ONGOING CONSTRUCTION

WEDGING

CONSTRUCTION ACCESS PER CONTRACTOR IF NEEDED

TEMPORARY PAVEMENT

SIGNALS

EXISTING

PROPOSED

TEMPORARY

PAVEMENT MARKINGS

EXISTING LINES

TEMPORARY LINES

TRAFFIC CONTROL DEVICES

BARRICADE (TYPE III)

PEDESTRIAN BARRICADE

CONE

DRUM

SKINNY DRUM

TUBULAR MARKER

TEMPORARY CRASH CUSHION

TEMPORARY CRASH CUSHION (NON-GATING)

FLASHING ARROW BOARD

FLAGGER

LAW ENFORCEMENT

TRUCK MOUNTED ATTENUATOR (TMA)

CHANGEABLE MESSAGE SIGN

PEDESTRIAN CHANNELIZING DEVICE (SECTION VIEW)

PORTABLE CONCRETE BARRIER (SECTION VIEW)

PORTABLE CONCRETE BARRIER (PLAN VIEW)

EXISTING PORTABLE CONCRETE BARRIER (PLAN VIEW)

PEDESTRIAN CHANNELIZING DEVICE (PLAN VIEW)

TEMPORARY SIGNING

PORTABLE SIGN

STATIONARY SIGN

STATIONARY OR PORTABLE SIGN

TEMPORARY PAVEMENT MARKING

PAINT				COLD APPLIED PLASTIC							
Symbol	Description	Symbol	Description	Symbol	Description						
P1	WHITE EDGELINE (4")	P52	YELLOW DIAGONAL (12")	C1	WHITE EDGELINE (4")						
P2	WHITE SOLID LANE LINE (4")	P60	WHITE LINE, RR X (16")	C3	10 FT. WHITE SKIP (4")						
P3	10 FT. WHITE SKIP (4")	P61	WHITE STOPBAR (24")	C10	YELLOW EDGELINE (4")						
P4	3 FT. - 9 FT./SP WHITE MINISKIP (4")	P62	WHITE CROSSWALK LINE (24")	C13	YELLOW DOUBLE CENTER (4")						
P5	2 FT. - 6 FT./SP WHITE MINISKIP (4")		LEFT TURN ARROW	TEMPORARY RAISED PAVEMENT MARKERS							
P10	YELLOW EDGE LINE (4")		RIGHT TURN ARROW								
P13	YELLOW DOUBLE CENTER (4")		STRAIGHT ARROW								
P40	WHITE GORELINE (8")		COMBO. LEFT/STRAIGHT ARROW								
P41	WHITE DIAGONAL (8")		COMBO. RIGHT/STRAIGHT ARROW								
P42	YELLOW DIAGONAL (8")		ALPHANUMERIC CHARACTER	<table><tr><th>Symbol</th><th>Description</th></tr><tr><td>MH</td><td>YELLOW/YELLOW</td></tr><tr><td>MI</td><td>CRYSTAL RED</td></tr></table>		Symbol	Description	MH	YELLOW/YELLOW	MI	CRYSTAL RED
Symbol	Description										
MH	YELLOW/YELLOW										
MI	CRYSTAL RED										
P43	WHITE SOLID LANE LINE (8")		ALPHANUMERIC CHARACTER								
P44	3 FT. - 9 FT./SP WHITE MINISKIP (8")		ALPHANUMERIC CHARACTER								
P46	WHITE CROSSWALK LINE (8")										

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APPROVED:

DATE: 8/27/2026

SEAL

LIST OF APPLICABLE
ROADWAY STANDARD DRAWINGS

PLAN SHEET LEGEND

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, 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
ALL ROADS	MONDAY THROUGH FRIDAY 6:00 AM TO 7:00 PM
	SATURDAY THROUGH SUNDAY 10:00 AM TO 8:00 PM

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

ROAD NAME
ALL ROADS

HOLIDAY

- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 AM DECEMBER 31ST TO 7:00 PM JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 7:00 PM THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 6:00 AM THURSDAY AND 7:00 PM MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 AM FRIDAY TO 7:00 PM TUESDAY.

- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 AM THE DAY BEFORE INDEPENDENCE DAY AND 7:00 PM THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN BETWEEN THE HOURS OF 6:00 AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00 PM THE TUESDAY AFTER INDEPENDENCE DAY.

- FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 AM FRIDAY AND 7:00 PM TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 AM TUESDAY TO 7:00 PM MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 AM THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 PM THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

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

LANE AND SHOULDER CLOSURE REQUIREMENTS

- D) 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.
- E) 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.
- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 5 FT OF AN OPEN TRAVEL LANE ON AN UNDIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- H) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- I) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:
- BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.
- BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.
- BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.
- J) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 350’ IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

APPROVED:

DocuSigned by:
C. Byron Holden
SC5AD05EAF0545F

DATE: 9/8/2026

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ENGINEER

C. BYRON HOLDEN

DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL

TRAFFIC CONTROL
GENERAL NOTES

GENERAL NOTES (cont.)

L) 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.

M) 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.

N) 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.

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

P) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 350 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC BARRIER

Q) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRANSPORTATION MANAGEMENT PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRANSPORTATION MANAGEMENT PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.

ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE TEMPORARY BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE / RESET TEMPORARY BARRIER AT NO COST TO THE DEPARTMENT UNLESS OTHERWISE STATED IN THE TRANSPORTATION MANAGEMENT PLANS, TEMPORARY BARRIER IS PROTECTING A HAZARD, OR AS DIRECTED BY THE ENGINEER.

INSTALL TEMPORARY BARRIER WITH THE TRAFFIC FLOW BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE TEMPORARY BARRIER AGAINST THE TRAFFIC FLOW BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP THE SECTION OF THE ROADWAY CLOSED UNTIL THE TEMPORARY BARRIER CAN BE PLACED OR AFTER THE TEMPORARY BARRIER IS REMOVED.

R) PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER AT ALL TIMES DURING THE INSTALLATION AND REMOVAL OF THE BARRIER BY EITHER A TRUCK MOUNTED ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER FROM ONCOMING TRAFFIC AT ALL TIMES BY A TEMPORARY CRASH CUSHION UNLESS THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER IS OFFSET FROM ONCOMING TRAFFIC AS FOLLOWS OR AS SHOWN IN THE PLANS: (SEE ALSO 1101.05)

POSTED SPEED LIMIT	MINIMUM OFFSET
40 OR LESS	15 FT
45-50	20 FT
55	25 FT
60 OR HIGHER	30 FT

S) USE NON-GATING CRASH CUSHIONS AS REQUIRED IN THE TMP.

TRAFFIC CONTROL DEVICES

T) 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.

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

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
SR 2052 (ROGERS RD)	PAINT	RAISED REFLECTIVE
ALL OTHER ROADS	PAINT	NONE
CONCRETE SURFACES	COLD APPLIED PLASTIC (TYPE 4)	RAISED REFLECTIVE

W) 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.

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

Y) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

MISCELLANEOUS

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

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.).

APPROVED:

C. Byron Holden

DATE: 8/27/2026

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DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL

TRAFFIC CONTROL
GENERAL NOTES

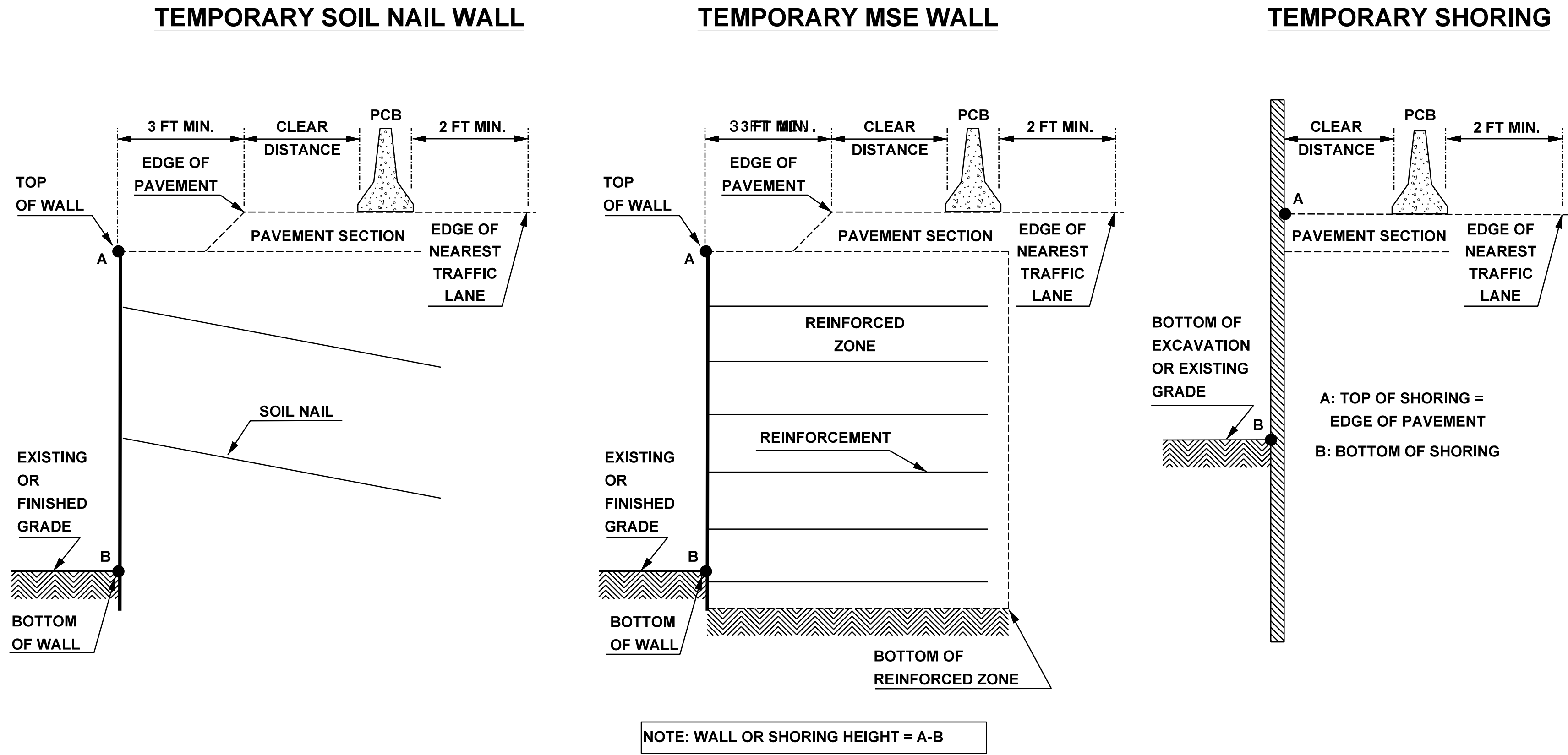


FIGURE A

NOTES

- 1- REFER TO THE TRAFFIC CONTROL PLANS FOR TEMPORARY SHORING LOCATIONS AND NOTES.
- 2- REFER TO THE "TEMPORARY SHORING" STANDARD PROVISION FOR INFORMATION ABOUT TEMPORARY SHORING AND PORTABLE CONCRETE BARRIER (PCB).
- 3- PCB IS REQUIRED IF TEMPORARY SHORING/WALL IS LOCATED WITHIN THE CLEAR ZONE IN ACCORDANCE WITH THE AASHTO ROADSIDE DESIGN GUIDE. DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE. (CONTACT NCDOT PAVEMENT MANAGEMENT FOR APPLICABLE PAVEMENT DESIGN).
- 4- BASED ON THE CLEAR DISTANCE, OFFSET, DESIGN SPEED AND PAVEMENT TYPE, CHOOSE AN UNANCHORED OR ANCHORED PCB FROM THE TABLE SHOWN IN FIGURE B. CLEAR DISTANCE IS DEFINED AS SHOWN IN FIGURE A AND OFFSET IS DEFINED AS SHOWN IN FIGURE B.
- 5- AT THE CONTRACTOR'S OPTION OR IF THE MINIMUM REQUIRED CLEAR DISTANCE IS NOT AVAILABLE, SET PCB NEXT TO AND UP AGAINST THE TRAFFIC SIDE OF THE TEMPORARY SHORING/WALLS EXCEPT FOR BARRIER ABOVE TEMPORARY WALLS. PCB WITH THE MINIMUM REQUIRED CLEAR DISTANCE IS REQUIRED ABOVE TEMPORARY WALLS.
- 6- USE NCDOT PORTABLE CONCRETE BARRIER (PCB) IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1170.01 AND SECTION 1170 OF THE STANDARD SPECIFICATIONS.
- 7- SET PCB WITH A MINIMUM HORIZONTAL DISTANCE OF 2 FT BETWEEN THE FRONT FACE OF THE BARRIER AND THE EDGE OF THE NEAREST TRAFFIC LANE AS SHOWN IN FIGURE A UNLESS OTHERWISE SHOWN IN THE PLANS OR APPROVED BY THE ENGINEER.
- 8- FOR PCB ABOVE AND BEHIND TEMPORARY WALLS, PROVIDE A MINIMUM DISTANCE OF 3 FT BETWEEN THE EDGE OF PAVEMENT AND THE WALL FACE AS SHOWN IN FIGURE A. IF THIS MINIMUM REQUIRED DISTANCE IS NOT AVAILABLE, CONTACT THE ENGINEER.
- 9- TABLE SHOWN IN FIGURE B IS BASED ON NCDOT RESEARCH PROJECT NO. 2005-010 WITH VEHICLE TYPE USED FOR NCHRP 350 CRASH TESTS.

MINIMUM REQUIRED CLEAR DISTANCE, inches								
Barrier Type	Pavement Type	Offset * ft	Design Speed, mph					
			<30	31-40	41-50	51-60	61-70	71-80
Unanchored PCB	Asphalt	<8	24	26	29	32	36	40
		8-14	26	28	31	35	38	42
		14-20	27	29	34	36	39	43
		20-26	28	31	35	38	40	44
		26-32	29	32	36	39	42	45
		32-38	30	34	38	41	43	46
		38-44	31	34	41	43	45	48
		44-50	31	35	41	43	46	49
	50-56	32	36	42	44	47	50	
	>56	32	36	42	45	47	51	
	Concrete	<8	17	18	21	22	25	26
		8-14	19	20	23	25	26	29
		14-20	22	22	24	26	28	31
		20-26	23	24	26	27	30	34
		26-32	24	25	27	28	32	35
		32-38	24	26	27	30	33	36
		38-44	25	26	28	30	34	37
		44-50	26	26	28	32	35	37
50-56	26	26	28	32	35	38		
>56	26	27	29	32	36	38		
Anchored PCB	Asphalt	All Offsets	24 for All Design Speeds					
Anchored PCB	Concrete (including bridge approach slabs)	All Offsets	12 for All Design Speeds					

* See Figure Below

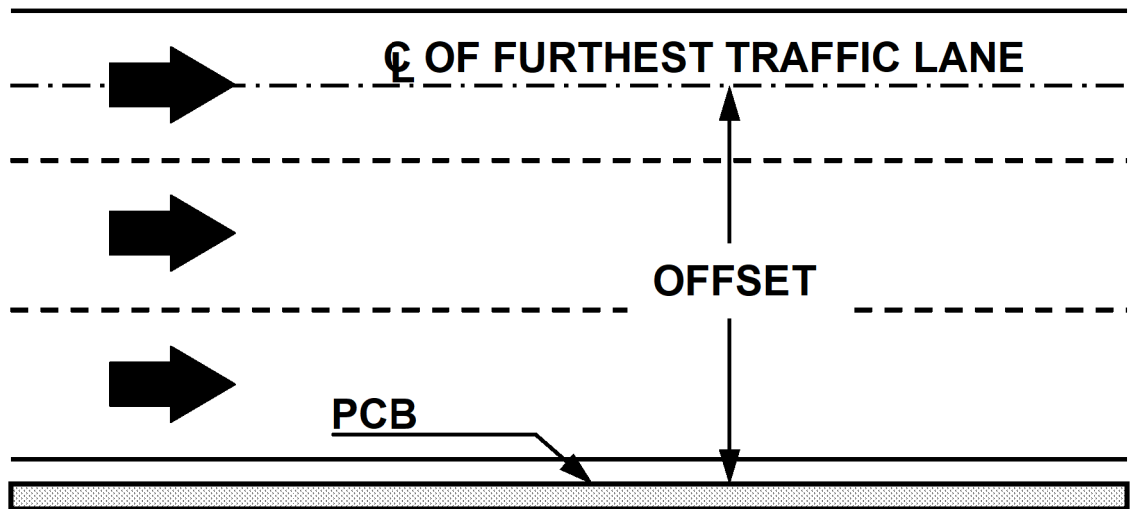


FIGURE B

APPROVED:

DATE: 8/27/2026

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PORTABLE CONCRETE BARRIER
AT
TEMPORARY SHORING LOCATIONS

Table 1: Temporary Shoring Locations

Shoring Location No.	Begin Station & Offset	End Station & Offset	Average Shoring Height (ft)	Estimated Maximum Height (ft)	Shoring Location, Type, Traffic Control Plan
1	-L- STA 21+55± 2.0 ft RT	-L- STA 29+41± 42.5 ft RT	20.5	30.2	Roadway -L- Embankment and Bridge End Bent Construction (Fill, TC Phase II, TMP-17 to TMP-18A)
2	-L- STA 30+25± 43.0 ft RT	-L- STA 31+02± 43.0 ft RT	21.7	32.2	Roadway -L- Embankment and Bridge End Bent Construction (Fill, TC Phase II, TMP-18)
3	-L- STA 32+00± 45.0 ft RT	-L- STA 33+90± 4.0 ft RT	21.9	32.2	Roadway -L- Embankment Construction (Fill, TC Phase II, TMP-18 and TMP-18B)
4	-L- STA 37+56± 1.0 ft RT	-L- STA 45+50± 1.0 ft RT	10.1	18.2	Roadway -L- Embankment Construction (Fill, TC Phase III, Steps 1 and 2, TMP-20 to TMP-21A)
5	-L- STA 32+00± 4.0 ft RT	-L- STA 38+36± 1.0 ft RT	18.2	27.7	Roadway -L- Embankment Construction (Fill, TC Phase III, Steps 3 through 6, TMP-23 to TMP-23A)

The following notes on plans are recommended for the proposed shoring locations:

Shoring Location No. 1:
FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 21+55±, 2.0 FT RT TO STATION -L- 29+41±, 42.5 FT RT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ): 120 PCF
FRICTION ANGLE (φ): 30 DEGREES
COHESION (c): 0 PSF
GROUNDWATER ELEVATION: VARIES, USE ELEVATION ±317 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- 21+55±, 2.0 FT RT TO STATION -L- 29+41±, 42.5 FT RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY SUBSURFACE INVENTORY REPORT.

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 21+55±, 2.0 FT RT TO STATION -L- 29+41±, 42.5 FT RT.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

DESIGN TEMPORARY SHORING FROM STATION -L- 28+00±, 42.5 FT RT TO STATION -L- 28+30±, 42.5 FT RT FOR THE SURCHARGE LOAD OF THE PROPOSED MSE RETAINING WALL LOCATED ABOVE THE TEMPORARY SHORING.

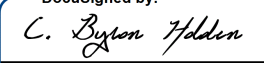
Shoring Location No. 2:
FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 30+25±, 43.0 FT RT TO STATION -L- 31+02±, 43.0 FT RT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

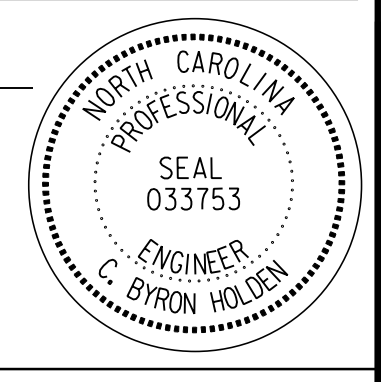
UNIT WEIGHT (γ): 120 PCF
FRICTION ANGLE (φ): 30 DEGREES
COHESION (c): 0 PSF
GROUNDWATER ELEVATION: VARIES, USE ELEVATION ±325 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- 30+25±, 43.0 FT RT TO STATION -L- 31+02±, 43.0 FT RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY SUBSURFACE INVENTORY REPORT.

APPROVED: 

DATE: 8/27/2026

SEAL



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



TEMPORARY SHORING
INFORMATION

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 30+25±, 43.0 FT RT TO STATION -L- 31+02±, 43.0 FT RT.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

Shoring Location No. 3:

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 32+00±, 45.0 FT RT TO STATION -L- 33+90±, 4.0 FT RT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT (γ): 120 PCF
- FRICTION ANGLE (ϕ): 30 DEGREES
- COHESION (c): 0 PSF
- GROUNDWATER ELEVATION: VARIES, USE ELEVATION ±325 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- 32+00±, 45.0 FT RT TO STATION -L- 33+90±, 4.0 FT RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY SUBSURFACE INVENTORY REPORT.

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 32+00±, 45.0 FT RT TO STATION -L- 33+90±, 4.0 FT RT.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

DESIGN TEMPORARY SHORING FROM STATION -L- 32+00±, 4.0 FT RT TO STATION -L- 33+90±, 4.0 FT RT FOR A LIVE LOAD (CONSTRUCTION EQUIPMENT) SURCHARGE.

DESIGN TEMPORARY SHORING FROM STATION -L- 32+00±, 4.0 FT RT TO STATION -L- 33+90±, 4.0 FT RT TO ACCOMMODATE THE ADDITIONAL LOAD OF TEMPORARY SHORING NO. 5 ONCE ADDED IN PHASE III, STEPS 3 THROUGH 6.

Shoring Location No. 4:

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM STATION -L- 37+56±, 1.0 FT RT TO STATION -L- 45+50±, 1.0 FT RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT (γ): 120 PCF
- FRICTION ANGLE (ϕ): 30 DEGREES
- COHESION (c): 0 PSF
- GROUNDWATER ELEVATION: VARIES, USE ELEVATION ±286 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- 37+56±, 1.0 FT RT TO STATION -L- 45+50±, 1.0 FT RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY SUBSURFACE INVENTORY REPORT.

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 37+56±, 1.0 FT RT TO STATION -L- 45+50±, 1.0 FT RT.

AT THE CONTRACTOR’S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 37+56±, 1.0 FT RT TO STATION -L- 45+50±, 1.0 FT RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS AND STANDARD SHORING PROVISION.

DESIGN TEMPORARY SHORING FROM STATION -L- 37+56±, 1.0 FT RT TO STATION -L- 38+36±, 1.0 FT RT FOR A LIVE LOAD (CONSTRUCTION EQUIPMENT) SURCHARGE.

DESIGN TEMPORARY SHORING FROM STATION -L- 37+56±, 1.0 FT RT TO STATION -L- 38+36±, 1.0 FT RT TO ACCOMMODATE THE ADDITIONAL LOAD OF TEMPORARY SHORING NO. 5 ONCE ADDED IN PHASE III, STEPS 3 THROUGH 6.

Shoring Location No. 5:
FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

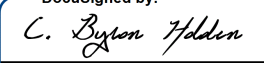
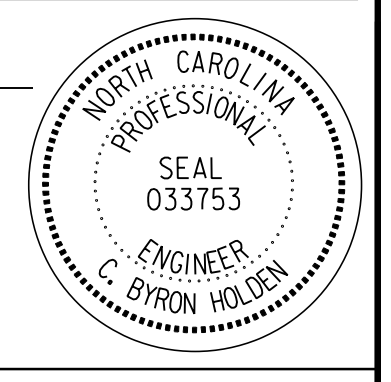
DESIGN TEMPORARY SHORING FROM STATION -L- 32+00±, 4.0 FT RT TO STATION -L- 38+36±, 1.0 FT RT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT (γ): 120 PCF
- FRICTION ANGLE (ϕ): 30 DEGREES
- COHESION (c): 0 PSF
- GROUNDWATER ELEVATION: VARIES, USE ELEVATION ±286 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- 32+00±, 4.0 FT RT TO STATION -L- 38+36±, 1.0 FT RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY SUBSURFACE INVENTORY REPORT.

DO NOT USE CANTILEVER, BRACED AND/OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 32+00±, 4.0 FT RT TO STATION -L- 38+36±, 1.0 FT RT.

AT THE CONTRACTOR’S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING IN AREAS WHICH MEET THE GEOTECHNICAL STANDARD TEMPORARY WALL CRITERIA. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS AND STANDARD SHORING PROVISION.

APPROVED:  DATE: 8/27/2026 SEAL  DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		TEMPORARY SHORING INFORMATION
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[illegible][illegible]

TRAFFIC CONTROL PHASING

PROJ. REFERENCE NO.	SHEET NO.
P - 5707	TMP - 3
 P: (919) 678-8960 8601 Six Forks Road, Forum 1 Suite 700 Raleigh, North Carolina 27615-3960 NC License No. F-0112 Engineers Construction Managers Planners Scientists www.rkk.com Responsive People Creative Solutions	

IN THE EVENT THAT TYPE “D”, “E” OR “F” SIGNS CONFLICT WITH CONSTRUCTION OPERATIONS, RELOCATE THE SIGN IN A LOCATION AND USING METHODS APPROVED BY THE ENGINEER. LOCATE THE SIGN A MINIMUM OF 6' FROM THE NEAREST TRAVEL LANE UNLESS PROTECTED BY BARRIER OR GUARDRAIL. MINIMUM VERTICAL CLEARANCE IS 7' ABOVE THE EDGE OF THE NEAREST TRAVEL LANE. REMOVE THE SIGN WHEN NO LONGER APPLICABLE.

WHEN SIDEWALKS ARE CLOSED AND AN ALTERNATE ROUTE IS UNAVAILABLE, DEPLOY PEDESTRIAN TRANSPORT SERVICE (SEE SPECIAL PROVISIONS).

PHASE I

STEP 1:
ERECT WORK ZONE WARNING SIGNS ON -L- SR 2052 (ROGERS RD), -Y2- HERITAGE CENTER DR, -Y3- GRANDMARK ST, HERITAGE BRANCH RD, AND -Y5- (CAPITAL CREEK DR) IN ACCORDANCE WITH RDWY STD 1101.01.

COMPLETE THE WORK DESCRIBED IN PHASE I – STEPS 2 THROUGH 7 WITHIN 515 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 2:
USING RDWY STD 1101.02, **BEGIN CONSTRUCTION** OF -L_DET- FROM STA 12+19± TO STA 32+31±. (SEE TMP-4 AND 5)

CONSTRUCT AND ACTIVATE A TEMPORARY SIGNAL AT THE ROGERS RD/HERITAGE BRANCH RD INTERSECTION.

CONSTRUCT TEMPORARY DETOUR DRAINAGE.

CONSTRUCT 108” TRENCHLESS PIPE. (SEE TMP-6)

USING RDWY STD 1101.02 AND AWAY FROM TRAFFIC, **BEGIN CONSTRUCTION** AS FOLLOWS: (SEE TMP-5, 6 AND 6A)

- Y5- STA 13+34± TO STA 17+40± CURB AND GUTTER, SIDEWALK, AND DRAINAGE
- Y5-STA 17+40± TO STA 23+60± EXCLUDING THE FINAL LAYER OF SURFACE COURSE

STEP 3:
USING RDWY STDs 1101.02 AND 1101.03, CONSTRUCT -Y5- STA 23+60± TO ROGERS RD EXCLUDING THE FINAL LAYER OF SURFACE COURSE WHILE MAINTAINING PEDESTRIAN ACCESS, CONSTRUCT TEMPORARY SIGNAL AT THE ROGERS RD/CAPITAL CREEK DR INTERSECTION, APPLY PAVEMENT MARKINGS AND OPEN TO TRAFFIC. (SEE TMP-7 THROUGH 11)

CONSTRUCT TEMPORARY DRAINAGE TO TIE TO PROPOSED -Y5- DRAINAGE. (SEE TMP-8 AND RDWY SHEET 2B-2A)

STEP 4:
USING RDWY STD 1101.02, CONSTRUCT -DRY5A- STA 10+25± TO STA 10+85± EXCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE TMP-11)

STEP 5:
USING RDWY STD 1101.02 CONSTRUCT EXCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS: (SEE TMP-12 AND 13)

- Y5- STA 11+00± TO STA 17+40±
- DRY5- STA 10+27 TO STA 12+00±

STEP 6:
USING RDWY STD 1101.02, PAVE EXISTING HERITAGE BRANCH RD AS NEEDED TO RE-DIRECT TRAFFIC ONTO THE PROPOSED ALIGNMENTS. (SEE TMP-14)

COMPLETE CONSTRUCTION OF -Y5- AS BEGUN IN STEP 2.

STEP 7:
USING RDWY STD 1101.02, APPLY PAVEMENT MARKINGS AND ACTIVATE THE TEMPORARY SIGNAL AT THE ROGERS RD/CAPITAL CREEK DR INTERSECTION, OPEN -Y5- AND -DRY5- TO TRAFFIC, AND CONSTRUCT THE REMAINING CURB AND GUTTER, AND SIDEWALK. CLOSE HERITAGE BRANCH RD AT ROGERS RD, AND REMOVE EXISTING PAVEMENT UPON SHIFTING TRAFFIC. (SEE TMP-15 AND 16)

STEP 8:
USING RDWY STD 1101.02, **COMPLETE CONSTRUCTION** OF -L_DET- FROM STA 12+19± TO STA 32+31± AS BEGUN IN STEP 2. (SEE TMP-15)

PHASE II

STEP 1:
USING RDWY STD 1101.02, APPLY PAVEMENT MARKINGS AND DIRECT ROGERS RD TRAFFIC ONTO -L_DET-. SET PORTABLE CONCRETE BARRIER UPON COMPLETION OF THE TRAFFIC SHIFT. (SEE TMP-17 THROUGH 19)

STEP 2:
USING RDWY STD 1101.02 AND BEHIND BARRIER, **BEGIN CONSTRUCTION** OF ROGERS RD EXCLUDING THE FINAL SURFACE COURSE FROM -L- STA 18+77± TO STA 32+00± (LT). (SEE TMP-17 THROUGH 18C)

APPROVED: DocuSigned by: <i>C. Byron Holden</i> 9C5A055EAF0545F... DATE: 9/8/2026 SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	 DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL SEAL 033753 ENGINEER C. BYRON HOLDEN	TRAFFIC CONTROL PHASING
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TRAFFIC CONTROL PHASING (CONT.)

PROJ. REFERENCE NO.	SHEET NO.
P - 5707	TMP - 3A
 P: (919) 678-8960 8601 Six Forks Road, Forum 1 Suite 700 Raleigh, North Carolina 27615-3960 NC License No. F-0112 Engineers Construction Managers Planners Scientists www.rkk.com Responsive People Creative Solutions	

PHASE III

STEP 1:
USING RDWY STD 1101.02, APPLY PAVEMENT MARKINGS AND DIRECT ROGERS RD TRAFFIC IN A TWO-LANE TWO-WAY PATTERN ON THE RIGHT SIDE OF THE EXISTING ROAD. SET PORTABLE CONCRETE BARRIER UPON COMPLETION OF THE TRAFFIC SHIFT. (SEE TMP-20 THROUGH 22)

CONSTRUCT TEMPORARY DRAINAGE ALONG THE CENTER OF -L-. (SEE TMP-21 AND RDWY SHEET 2B-2B)

STEP 2:
USING RDWY STD 1101.02 AND BEHIND BARRIER, CONSTRUCT EXCLUDING THE FINAL LAYER OF SURFACE COURSE: (SEE TMP-20 THROUGH 21B)

- L- STA 38+36± TO STA 46+00± (LT)
- DR1- STA 10+30± TO STA 12+77±

USING RDWY STD 1101.02 AND BEHIND BARRIER, CONSTRUCT: (SEE TMP-21 THROUGH 21B)

- TEMPORARY PAVEMENT FROM -L- STA 46+00± TO STA 47+25± (LT)
- CURB AND GUTTER FROM -L- STA 47+25± TO STA 48+10± (LT)

STEP 3:
USING RDWY STD 1101.02, SET PORTABLE CONCRETE BARRIER ON THE COMPLETED LEFT SIDE ROADWAY -L- STA 38+66± TO STA 45+70±. (SEE TMP-23 THROUGH 24A)

STEP 4:
USING RDWY STD 1101.02, TIE IN -DR1. APPLY PAVEMENT MARKINGS AND OPEN TO TRAFFIC IN THE PATTERN SHOWN. REMOVE THE SIGNAL AT ROGERS RD/HERITAGE BRANCH RD UPON COMPLETION OF THE TRAFFIC SHIFT. (SEE TMP-23 THROUGH 24A)

STEP 5:
USING RDWY ST 1101.02, RESET/AUGMENT PORTABLE CONCRETE BARRIER ADJACENT TO THE WESTBOUND LANE OF ROGERS RD -L_DET- STA 28+40± TO STA 33+45±. (SEE TMP-23 AND 23A)

STEP 6:
BEHIND BARRIER CONSTRUCT -L- STA 32+00± TO STA 38+36± (LT) EXCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE TMP-23 AND 23A)

COMPLETE CONSTRUCTION OF ROGERS RD AS BEGUN IN PHASE II – STEP 2.

PHASE IV

COMPLETE THE WORK DESCRIBED IN STEPS 1 THROUGH 4 WITHIN 350 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 1:
USING RDWY STD 1101.03, CLOSE -Y3- GRANDMARK ST. (SEE TMP-25, 26 AND 30)

STEP 2:
USING RDWY STD 1101.02 SHEETS 1, REMOVE TEMPORARY PAVEMENT, ADJUST DRAINAGE, CONSTRUCT CURB AND GUTTER, AND CONSTRUCT SIDEWALK BETWEEN -L- STA 46+00± AND -L- STA 47+25± (LT). (SEE TMP-28)

USING RDWY STD 1101.02 SHEETS 1 AND 3, PAVE -L- SR 2052 (ROGERS RD) AND -Y2- HERITAGE CENTER DR EXCLUDING THE FINAL LAYER OF SURFACE COURSE, APPLY PAVEMENT MARKINGS, REVISE THE TEMPORARY SIGNAL AT THE ROGERS RD/CAPITAL CREEK DR INTERSECTION, AND DIRECT -L- SR 2052 TRAFFIC ONTO THE COMPLETED WESTBOUND LANES IN A TWO-LANE, TWO-WAY PATTERN. (SEE TMP-26 THROUGH 29)

STEP 3:
USING RDWY STD 1101.02 SHEET 1 AND BEHIND BARRIER, CONSTRUCT -L- SR 2052 (ROGERS RD) EXCLUDING THE FINAL LAYER OF SURFACE COURSE: (SEE TMP-31 THROUGH 32)

- L- STA 15+33± TO STA 28+00±
- Y3- GRANDMARK ST

USING RDWY STD 1101.02 SHEET 1 AND BEHIND BARRIER, **BEGIN CONSTRUCTION** FROM -L- STA 32+00± TO STA 48+79±. (SEE TMP-32 THROUGH 33A)

STEP 4:
USING RDWY STD 1101.02 SHEET 1, REMOVE/RESET PORTABLE CONCRETE BARRIER ADJACENT TO EB ROGERS RD AS SHOWN, APPLY PAVEMENT MARKINGS, REMOVE THE OFFSITE DETOUR AND OPEN GRANDMARK ST TO TRAFFIC. (SEE TMP-34 AND 35)

STEP 5:
AWAY FROM TRAFFIC, BEGIN REMOVAL OF -L_DET- PAVEMENT. (SEE TMP-34 AND 35)

COMPLETE CONSTRUCTION OF ROGERS RD FROM -L- STA 32+00± TO STA 48+79± AS BEGUN IN STEP 3.

PHASE V

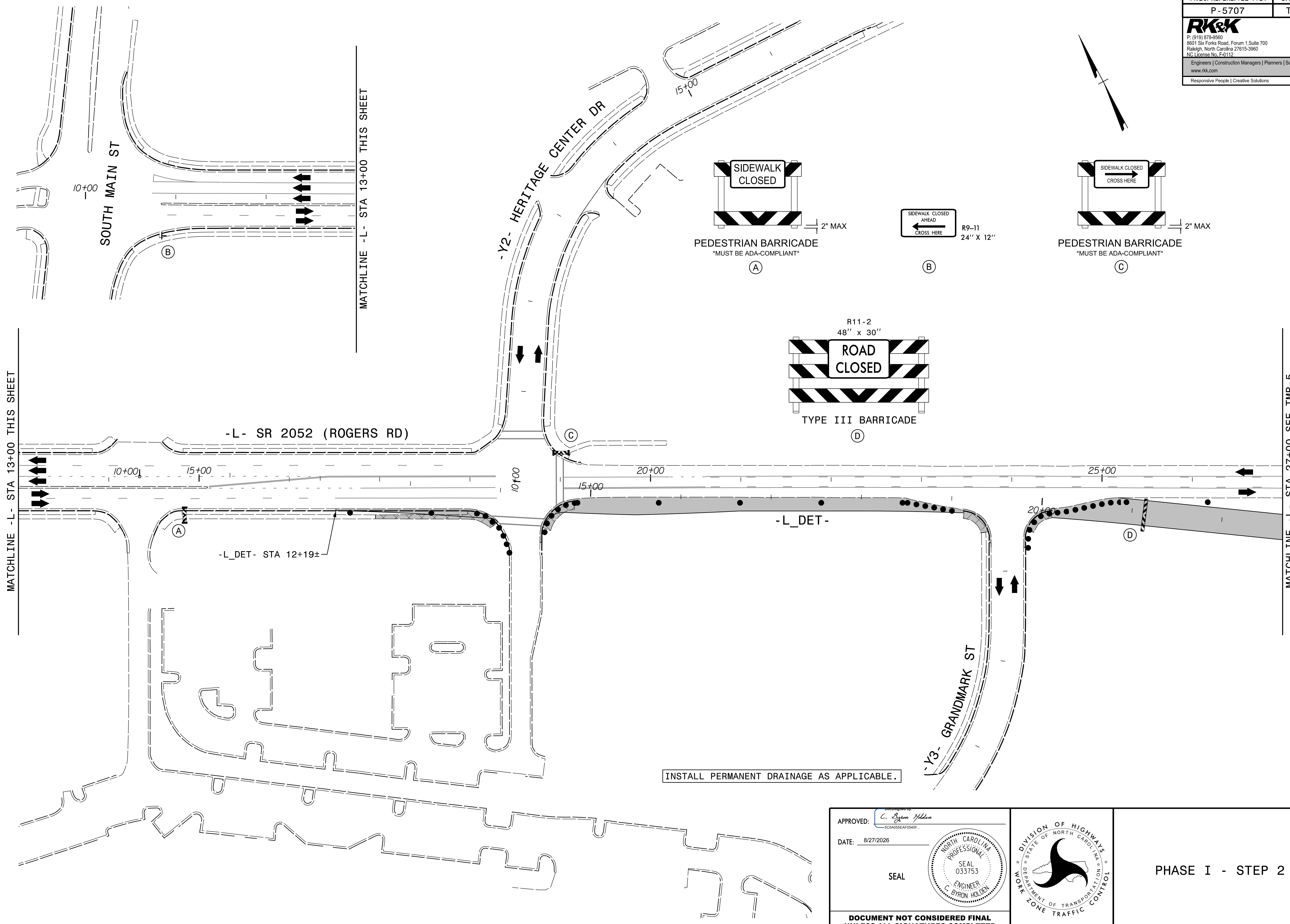
STEP 1:
USING RDWY STD 1101.02 SHEET 1, REMOVE PORTABLE CONCRETE BARRIER FROM -L- SR 2052 (ROGERS RD) AND REPLACE WITH DRUMS.

STEP 2:
USING RDWY STD 1101.02 SHEETS 1 AND 3, APPLY PAVEMENT MARKINGS, REVISE THE SIGNAL AT ROGERS RD/CAPITAL CREEK DR TO ITS FINAL CONFIGURATION, AND OPEN ALL LANES OF -L- SR 2052 (ROGERS RD) TO TRAFFIC IN THE FINAL PATTERN. (SEE TMP-36 THROUGH 39)

STEP 3:
USING RDWY STD 1101.02 SHEETS 1 AND 3, PERFORM MILLING AND PAVE THE FINAL LAYER OF SURFACE COURSE AND APPLY FINAL PAVEMENT MARKINGS. REFER TO FINAL PAVEMENT MARKING PLAN.

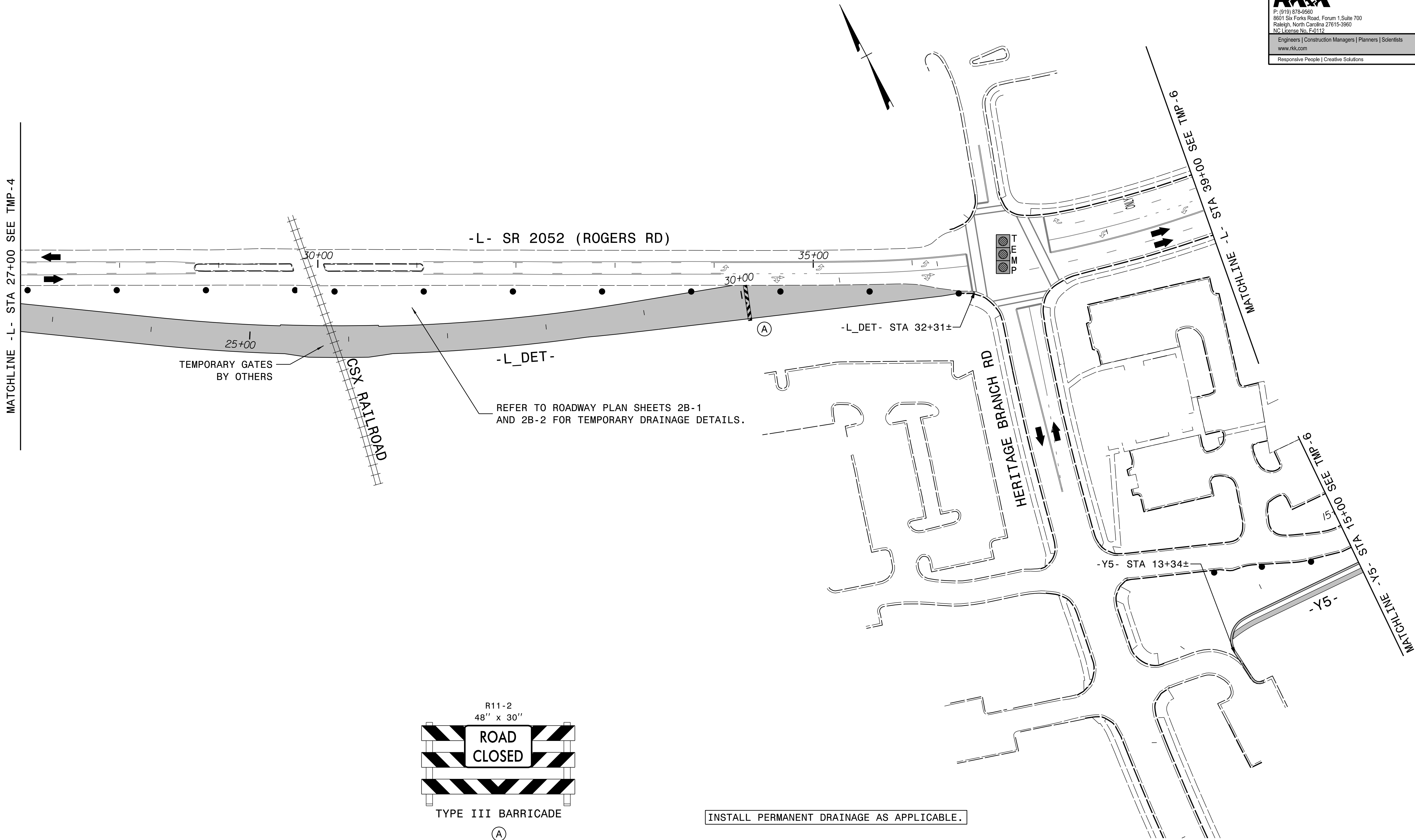
STEP 4:
REMOVE ALL TRAFFIC CONTROL DEVICES.

APPROVED: DocuSigned by: C. Byron Holden 9C5A0D5EAFF0845F... DATE: 9/8/2026 SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	 TRAFFIC CONTROL PHASING
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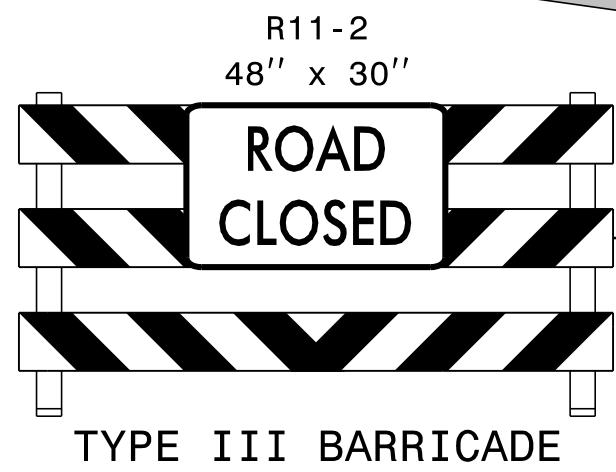
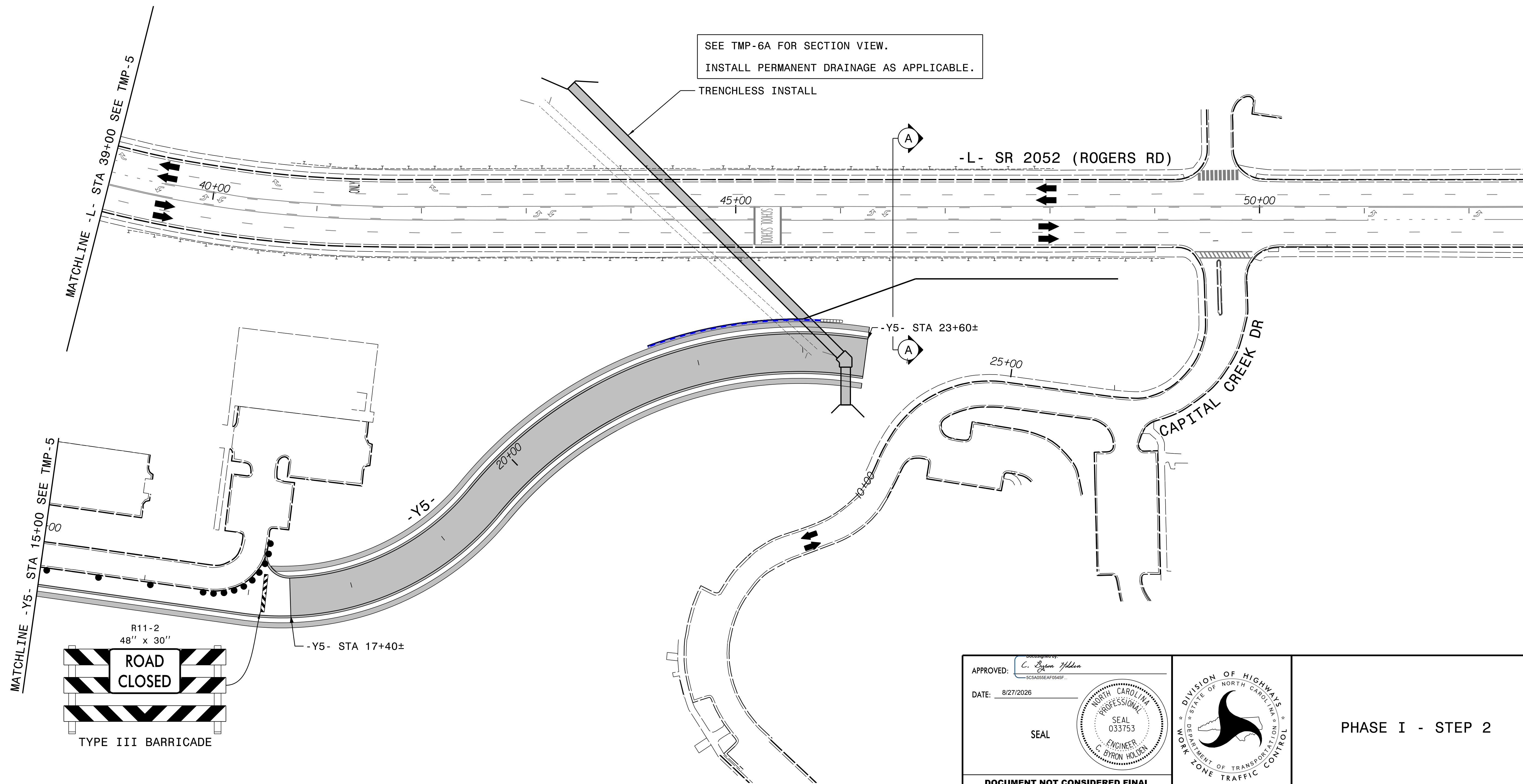
APPROVED: <i>C. Byron Holden</i> SCS4065EAF0545F... DATE: 8/27/2026 SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 033753 C. BYRON HOLDEN	DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	PHASE I - STEP 2
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INSTALL PERMANENT DRAINAGE AS APPLICABLE.

7/1/2026
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wpjones

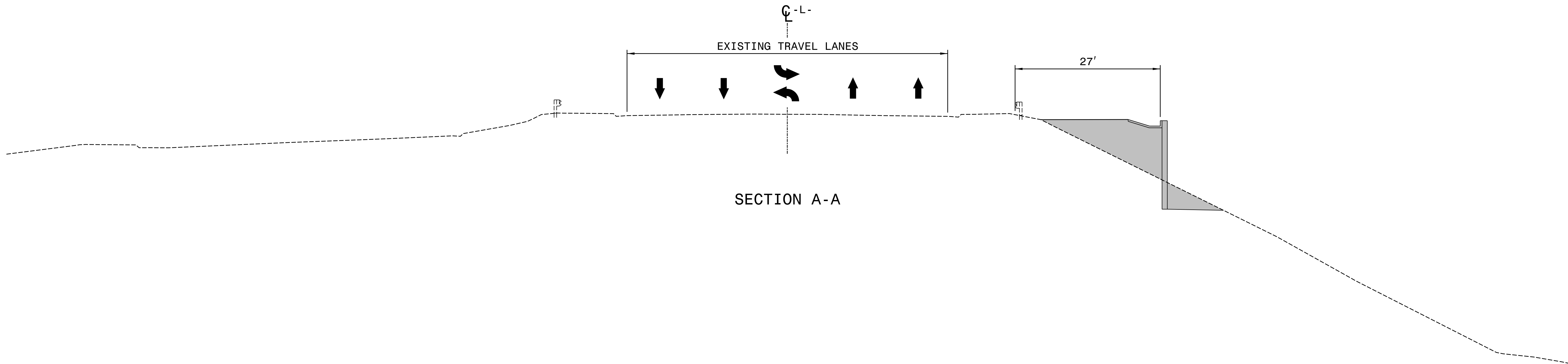
APPROVED: <i>C. Byron Holden</i> SC5A065EAF0545F... DATE: 8/27/2026 SEAL 	 DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	PHASE I - STEP 2
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



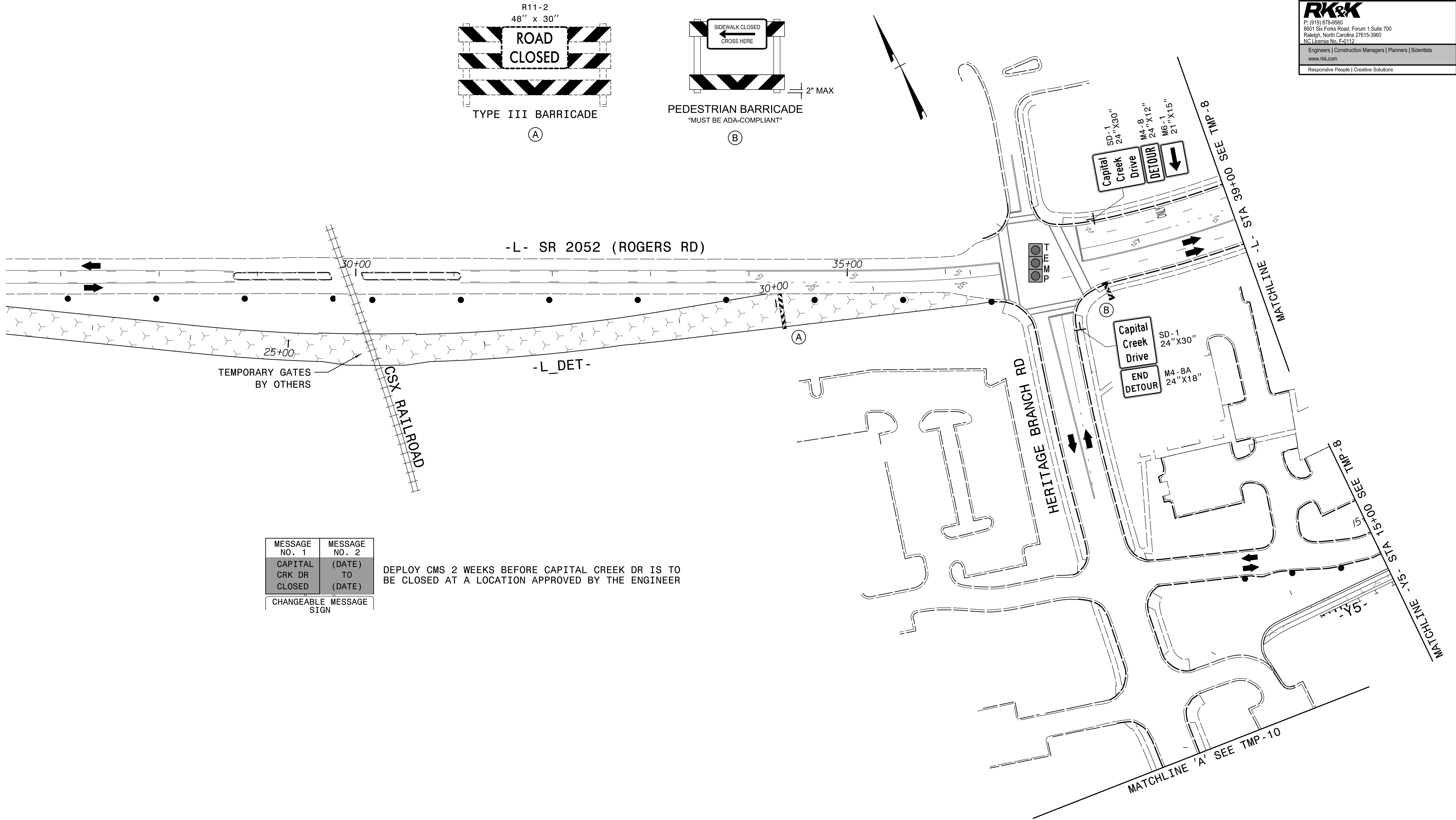
APPROVED: <i>C. Byron Holden</i> SCSA065EAF0545F...	
DATE: 8/27/2026	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PHASE I - STEP 2



APPROVED: <i>C. Byron Holden</i> DATE: 8/27/2026 SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	NORTH CAROLINA PROFESSIONAL ENGINEER C. BYRON HOLDEN SEAL 033753 DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	PHASE I - STEP 2
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MESSAGE NO. 1	MESSAGE NO. 2
CAPITAL CRK DR CLOSED	(DATE) TO (DATE)
CHANGEABLE MESSAGE SIGN	

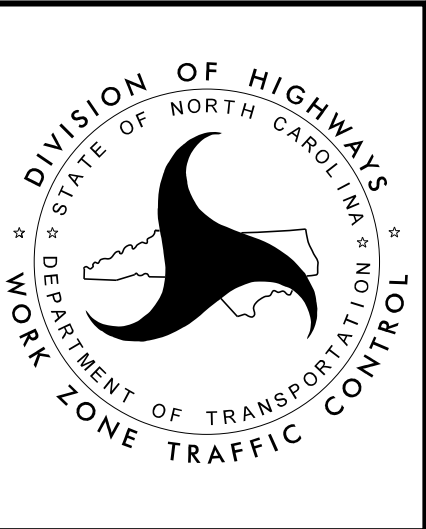
DEPLOY CMS 2 WEEKS BEFORE CAPITAL CREEK DR IS TO BE CLOSED AT A LOCATION APPROVED BY THE ENGINEER

APPROVED: *C. Byron Holden*
DATE: 8/27/2026

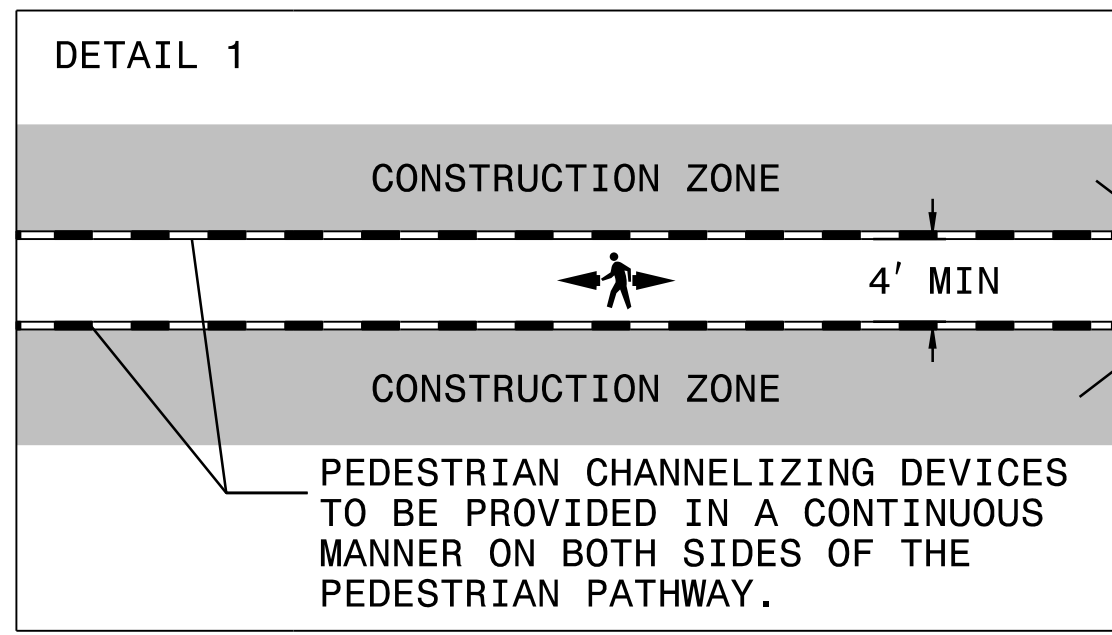
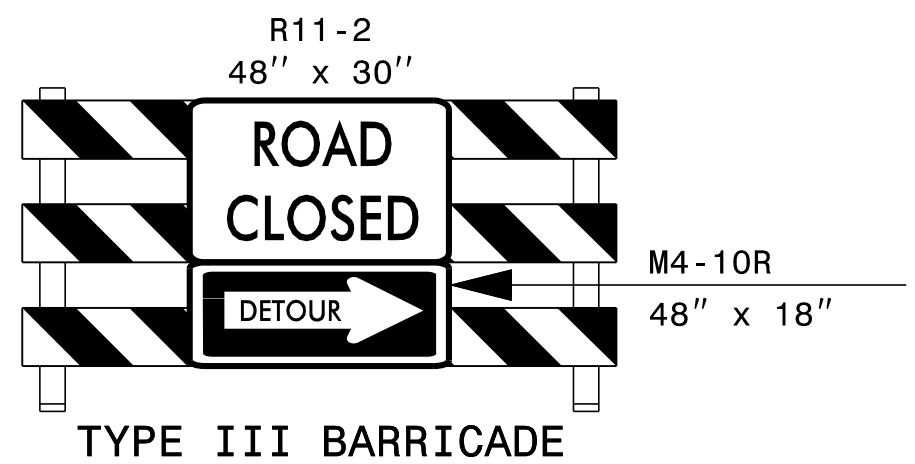
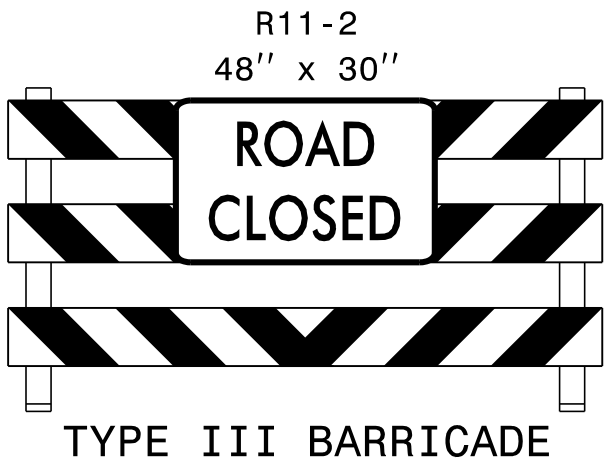
SEAL

SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
C. BYRON HOLDEN
033753

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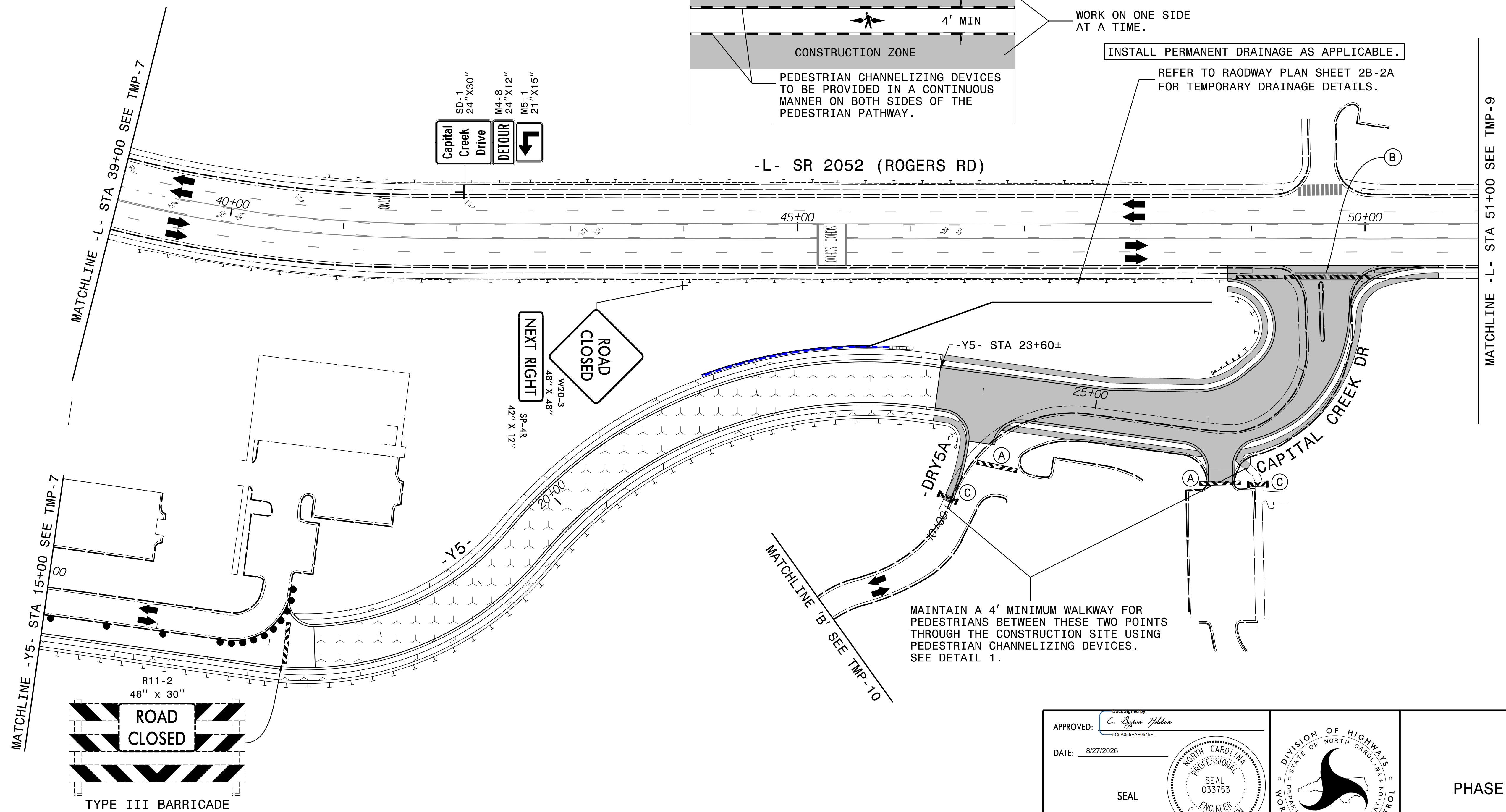
PHASE I - STEP 3



WORK ON ONE SIDE AT A TIME.

INSTALL PERMANENT DRAINAGE AS APPLICABLE.

REFER TO ROADWAY PLAN SHEET 2B-2A FOR TEMPORARY DRAINAGE DETAILS.



APPROVED:

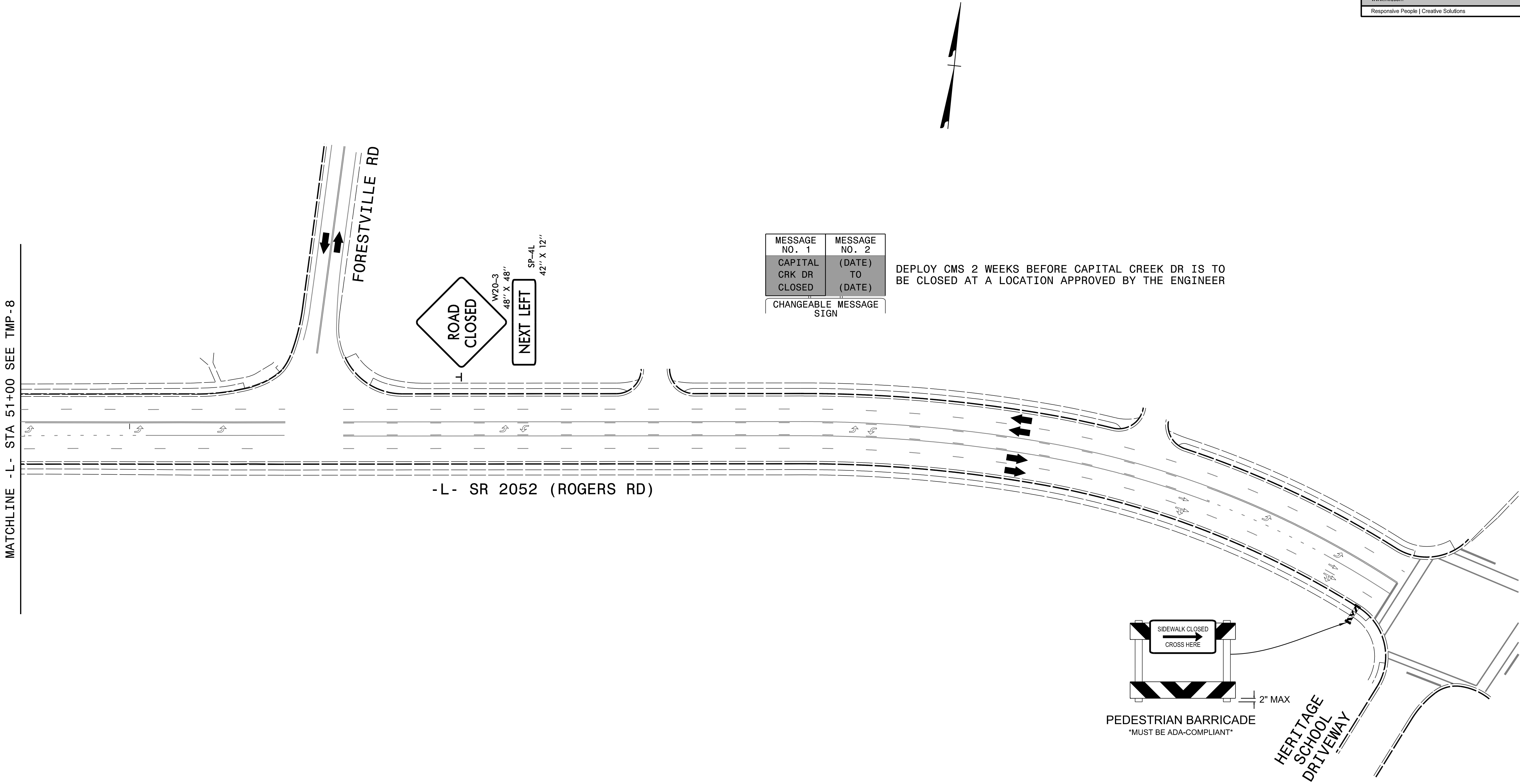
DATE: 8/27/2026

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PHASE I - STEP 3



APPROVED:

DATE:

8/27/2026

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UNLESS ALL SIGNATURES COMPLETED

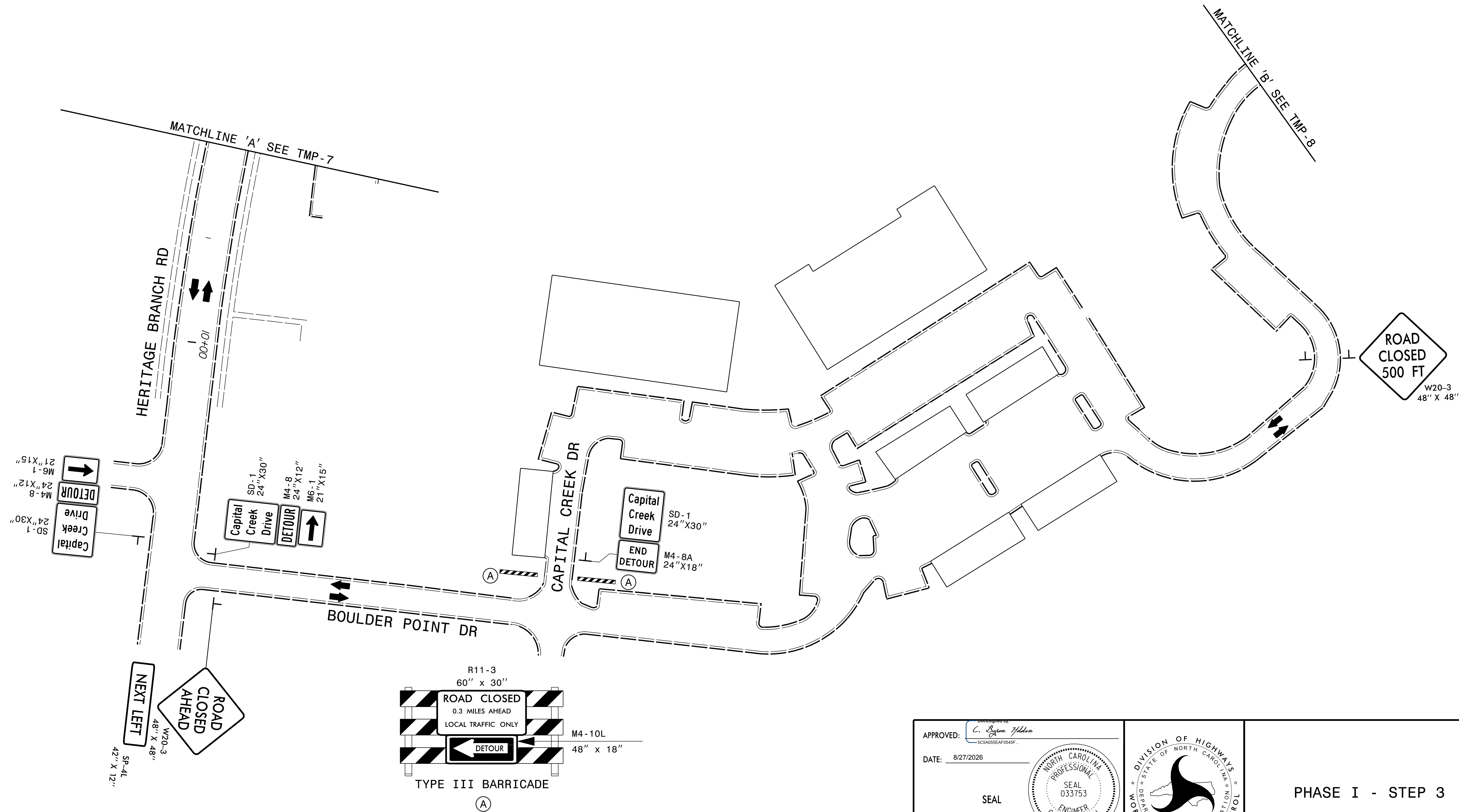
DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL

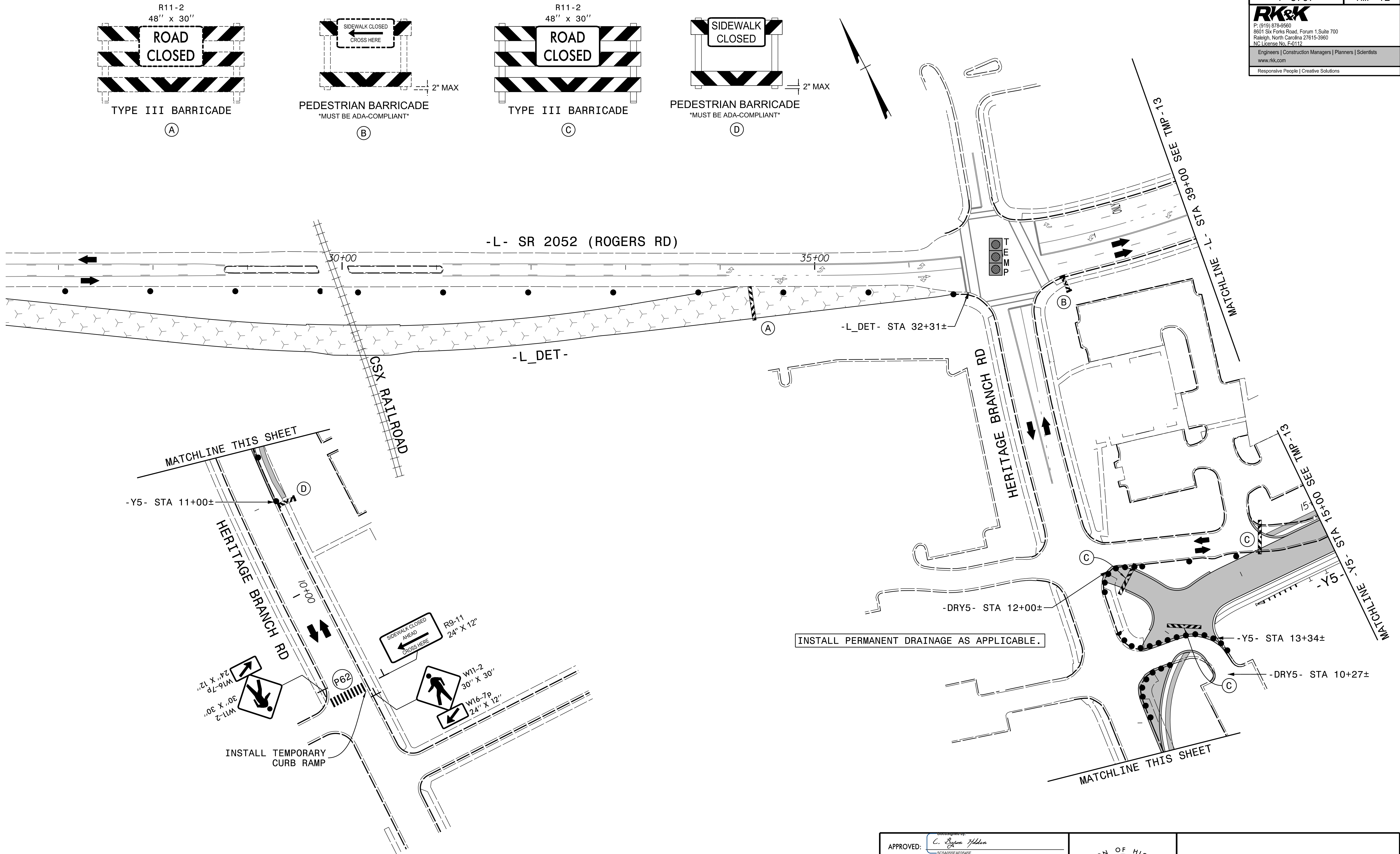
PHASE I - STEP 3



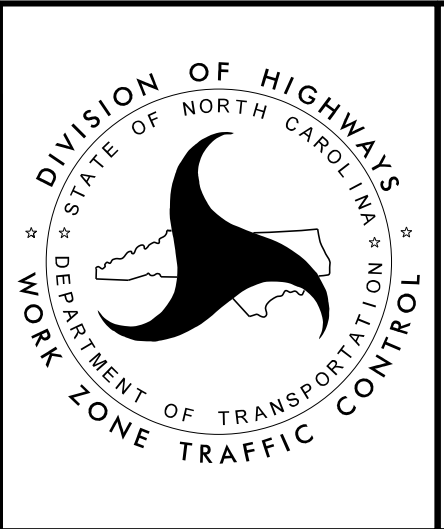
APPROVED: *C. Byron Holden*
DATE: 8/27/2026
SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
C. BYRON HOLDEN
SEAL 033753
DOCUMENT NOT CONSIDERED FINAL
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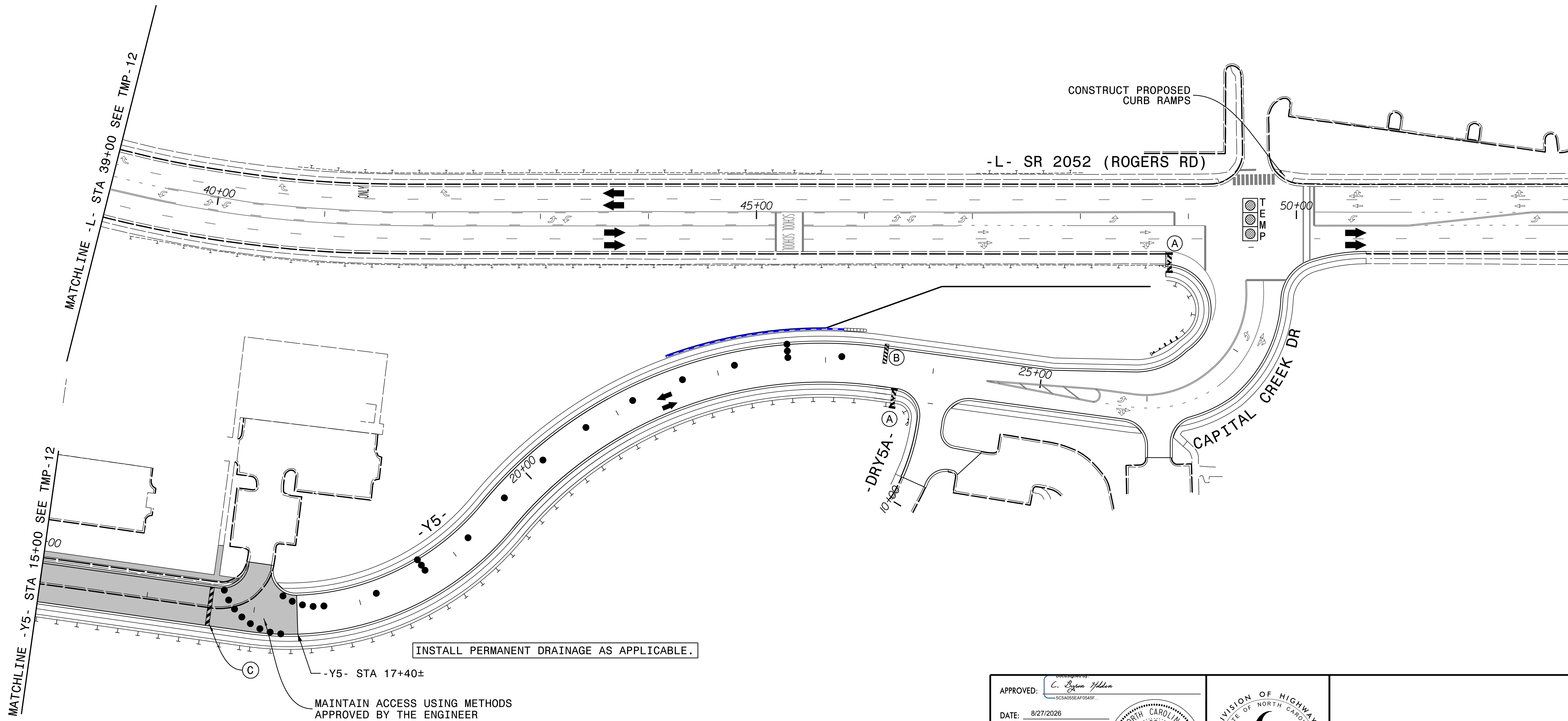
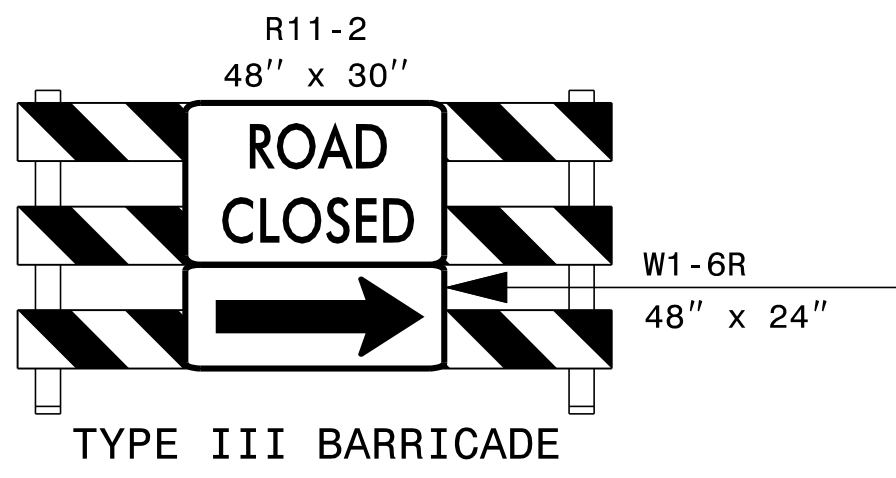
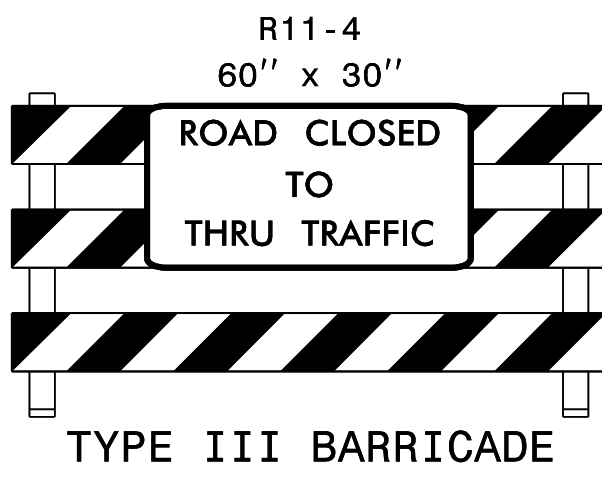
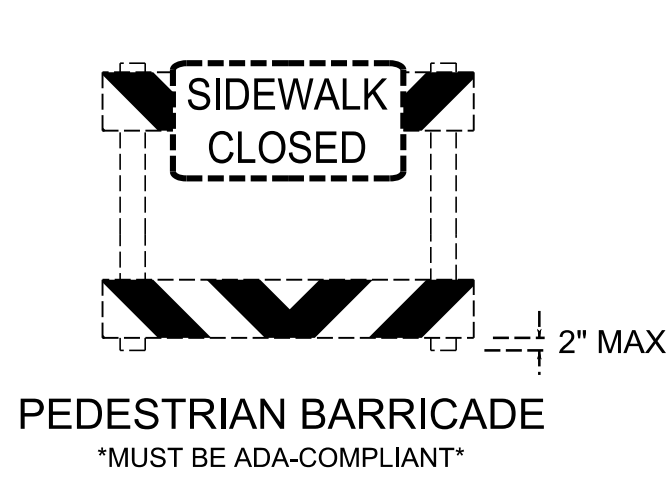
PHASE I - STEP 3



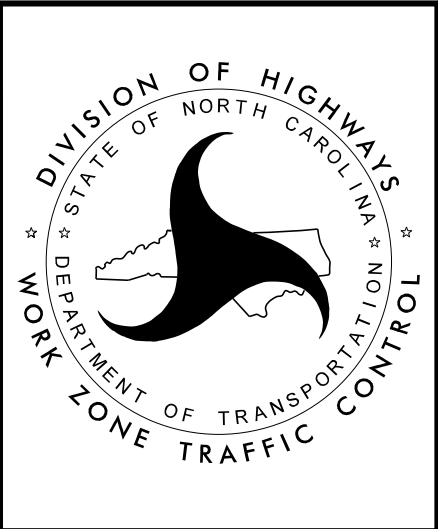
APPROVED: <i>C. Byron Holden</i> SCSA0656AF0545F...	
DATE: 8/27/2026	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



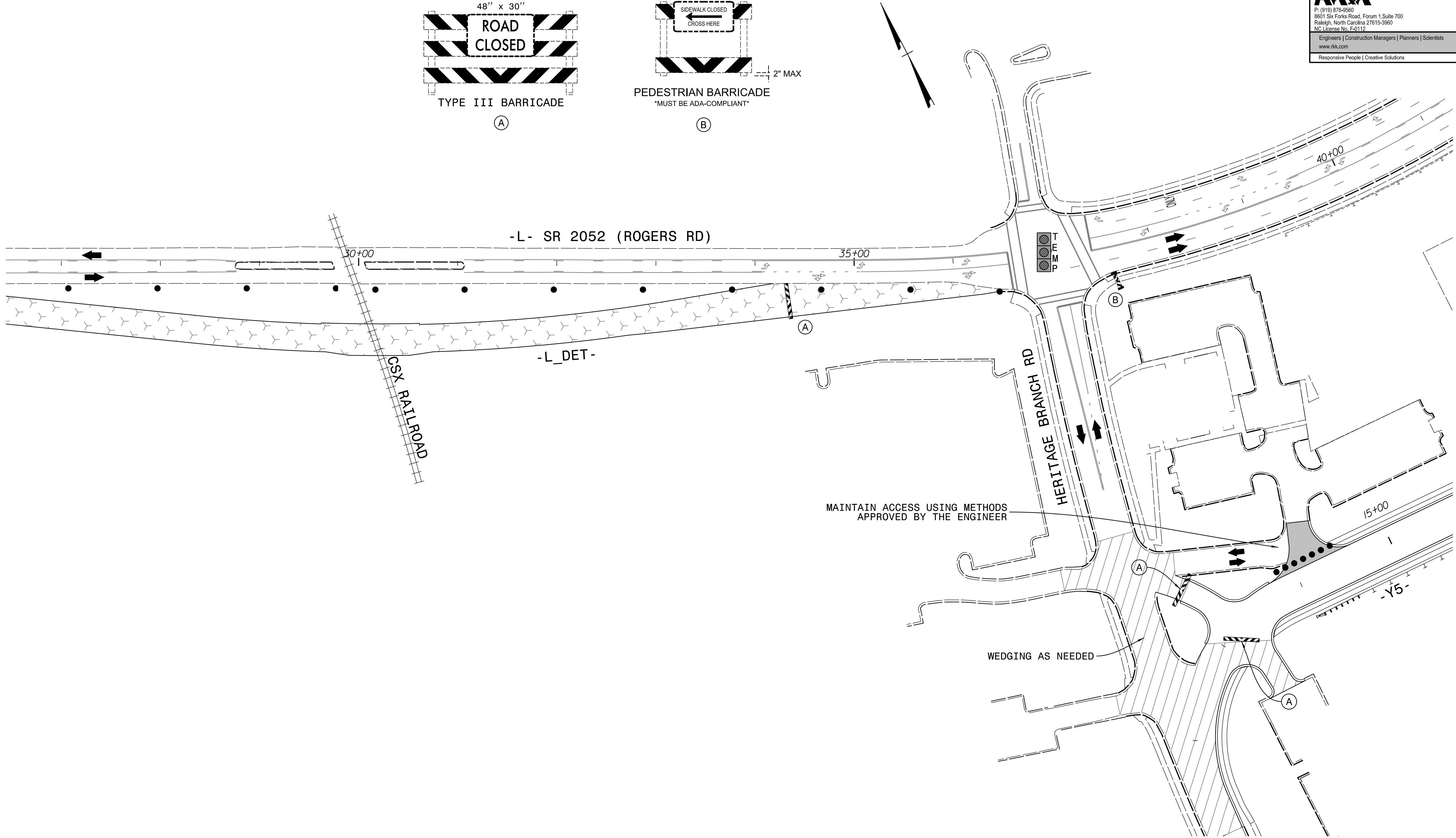
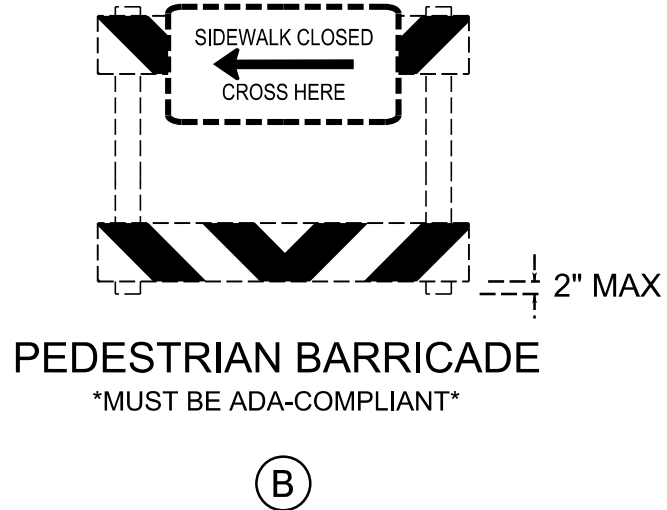
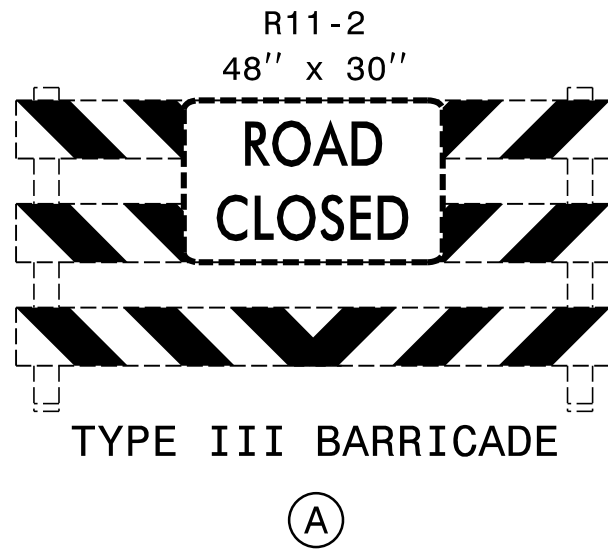
PHASE I - STEP 5

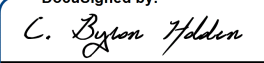


APPROVED: *C. Byron Holden*
DATE: 8/27/2026
SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
C. BYRON HOLDEN
SEAL 033753

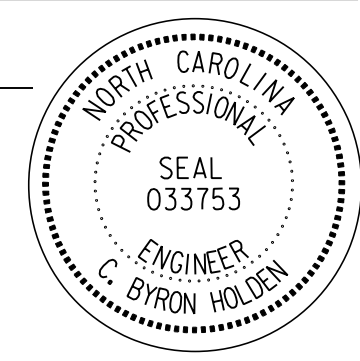


PHASE I - STEP 5

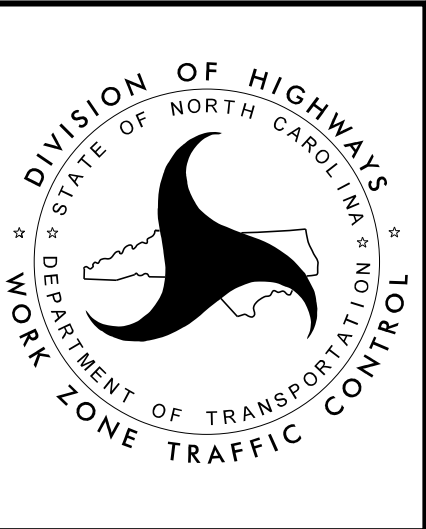


APPROVED: 
DATE: 8/27/2026

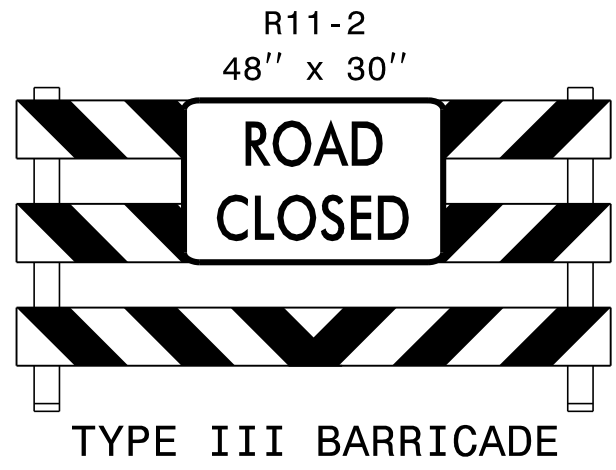
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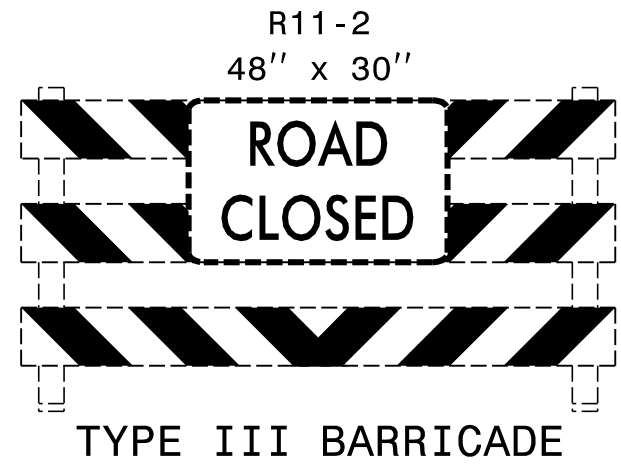
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UNLESS ALL SIGNATURES COMPLETED**



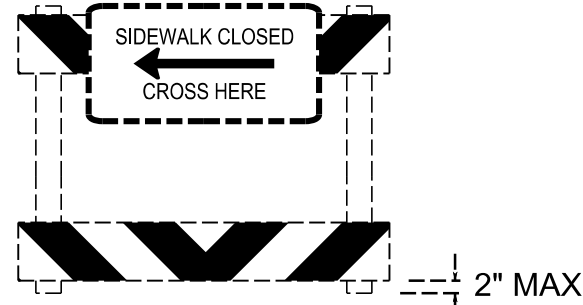
PHASE I - STEP 6



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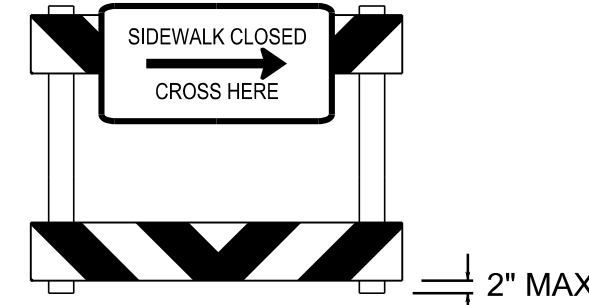


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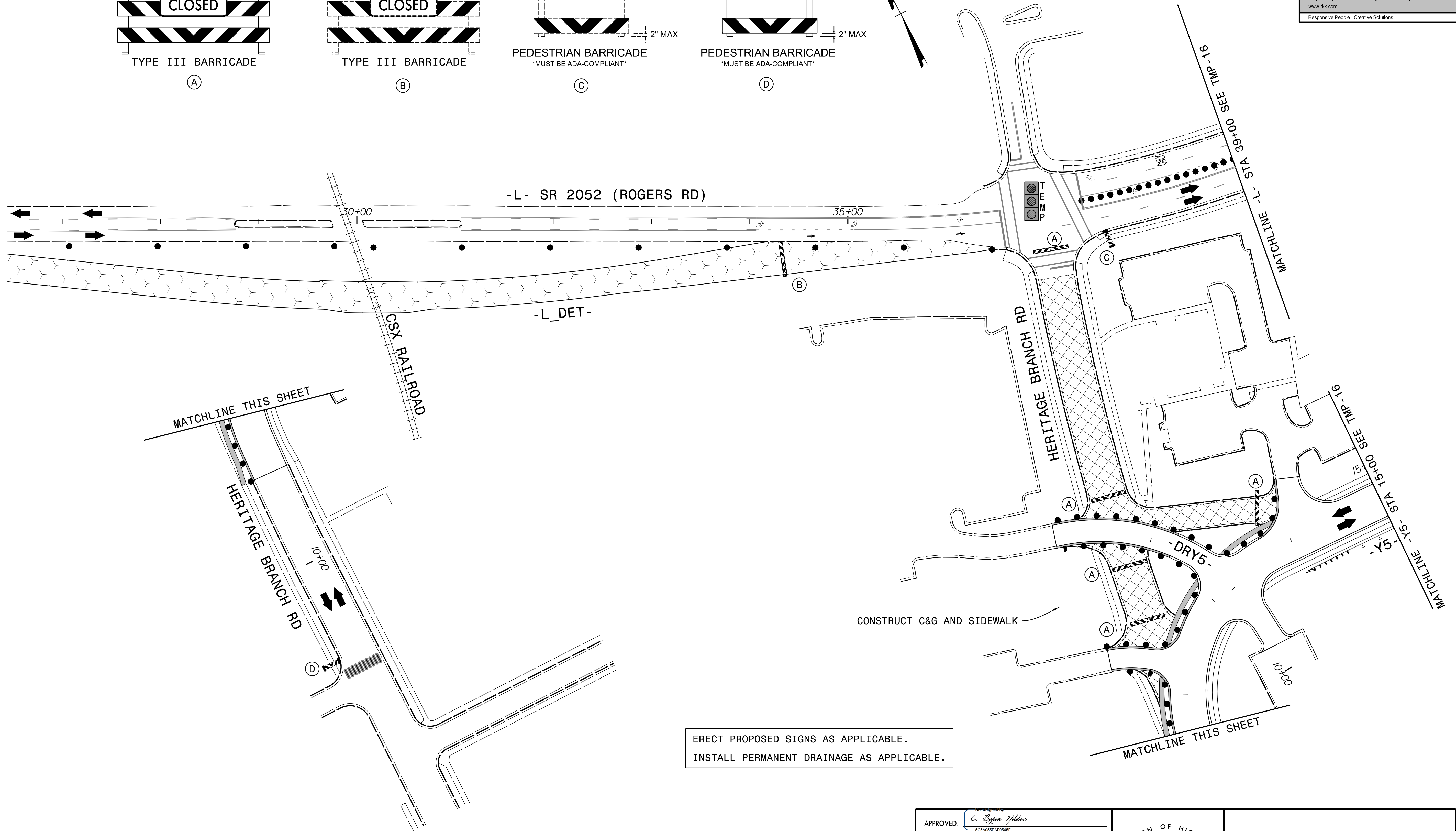
PEDESTRIAN BARRICADE
MUST BE ADA-COMPLIANT

(C)



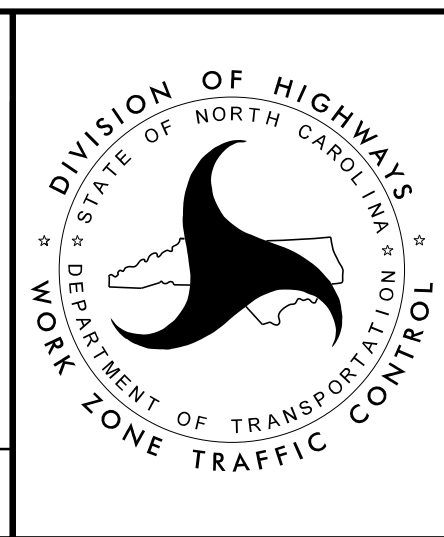
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MUST BE ADA-COMPLIANT

(D)

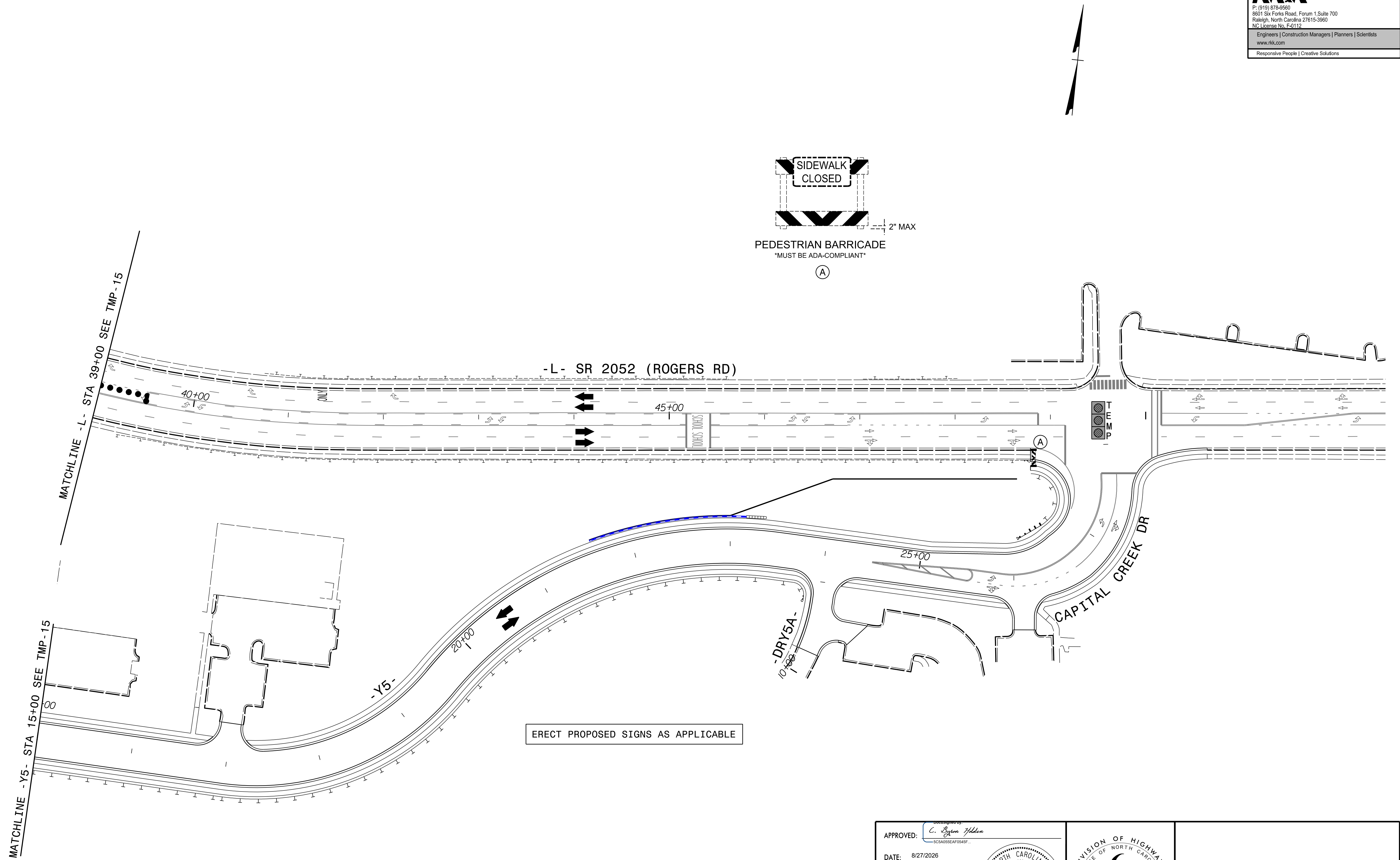


ERECT PROPOSED SIGNS AS APPLICABLE.
INSTALL PERMANENT DRAINAGE AS APPLICABLE.

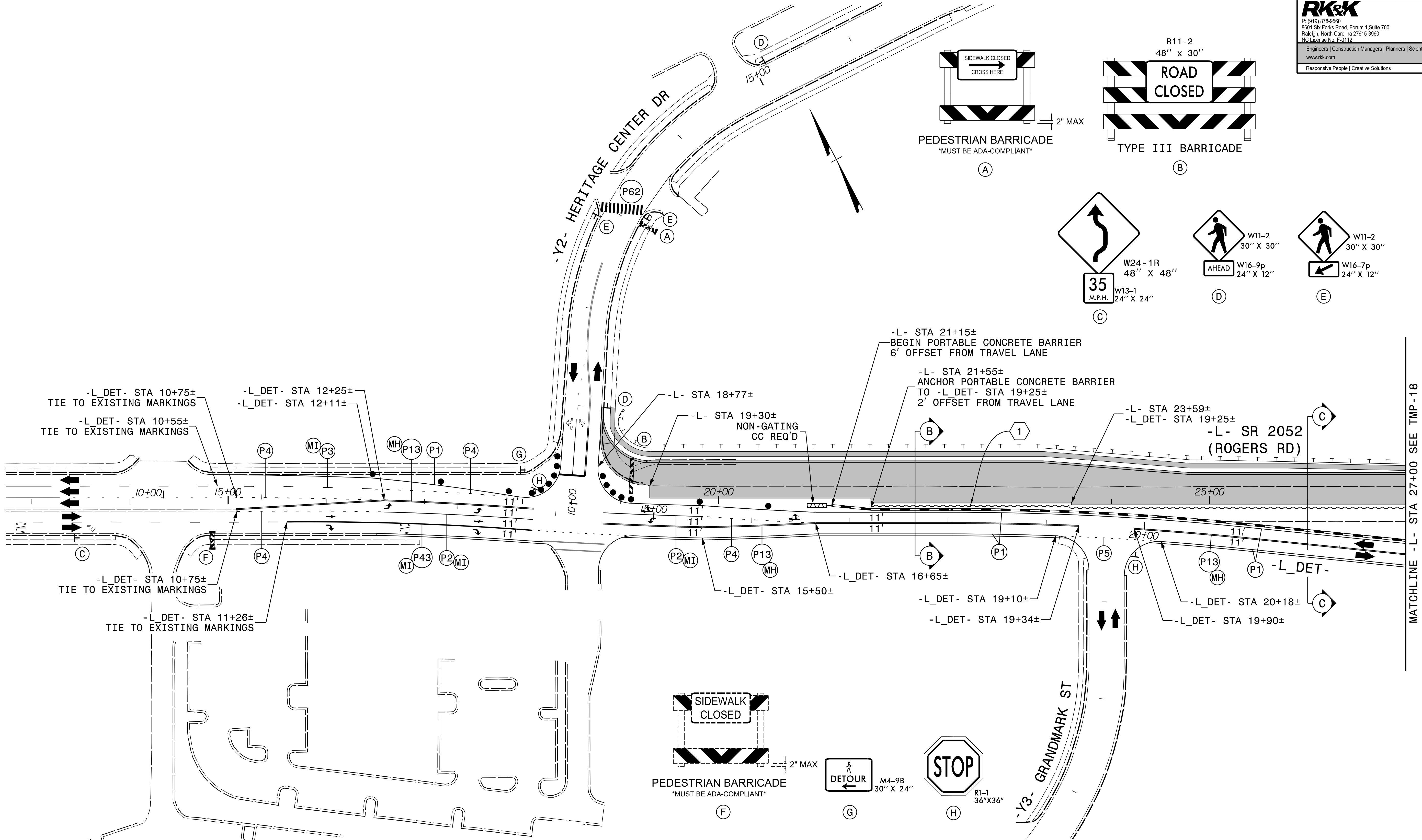
APPROVED:	
DATE: 8/27/2026	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PHASE I - STEP 7



APPROVED: <i>C. Byron Holden</i> SCS4065EAF0545F... DATE: 8/27/2026 SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	SEAL NORTH CAROLINA PROFESSIONAL ENGINEER C. BYRON HOLDEN 033753	SEAL DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	PHASE I - STEP 7
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SEE TMP-17A AND 17B FOR ADDITIONAL PAVEMENT MARKING LAYOUT.

SEE TMP-17C FOR SECTION VIEW.

SEE TMP-2A FOR TEMPORARY SHORING PARAMETERS.

INSTALL PERMANENT DRAINAGE AS APPLICABLE.

TEMPORARY SHORING TABLE							
SHORING I.D.	BEGIN	OFFSET	END	OFFSET	AVG SHORING HEIGHT (ft)	MAX SHORING HEIGHT (ft)	SHORING AREA (ft ²)
1	-L- STA 21+55±	2.0' RT	-L- STA 23+57±	2.0' RT	20.5	30.2	13197
	-L- STA 23+57±	2.0' RT	-L- STA 23+59±	4.0' RT			
	-L- STA 23+59±	4.0' RT	-L- STA 28+00±	4.0' RT			
	-L- STA 28+00±	4.0' RT	-L- STA 28+00±	42.5' RT			
	-L- STA 28+00±	42.5' RT	-L- STA 29+41±	42.5' RT			

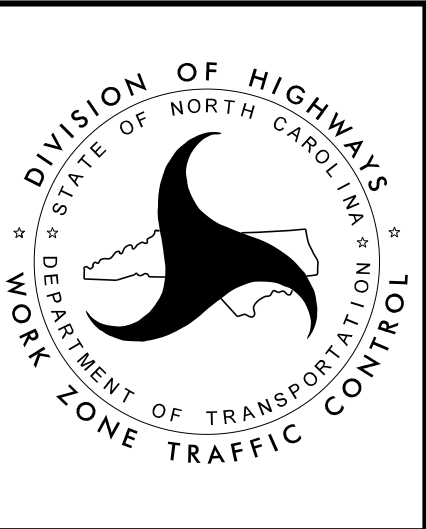
APPROVED: *C. Byron Holden*

DATE: 8/27/2026

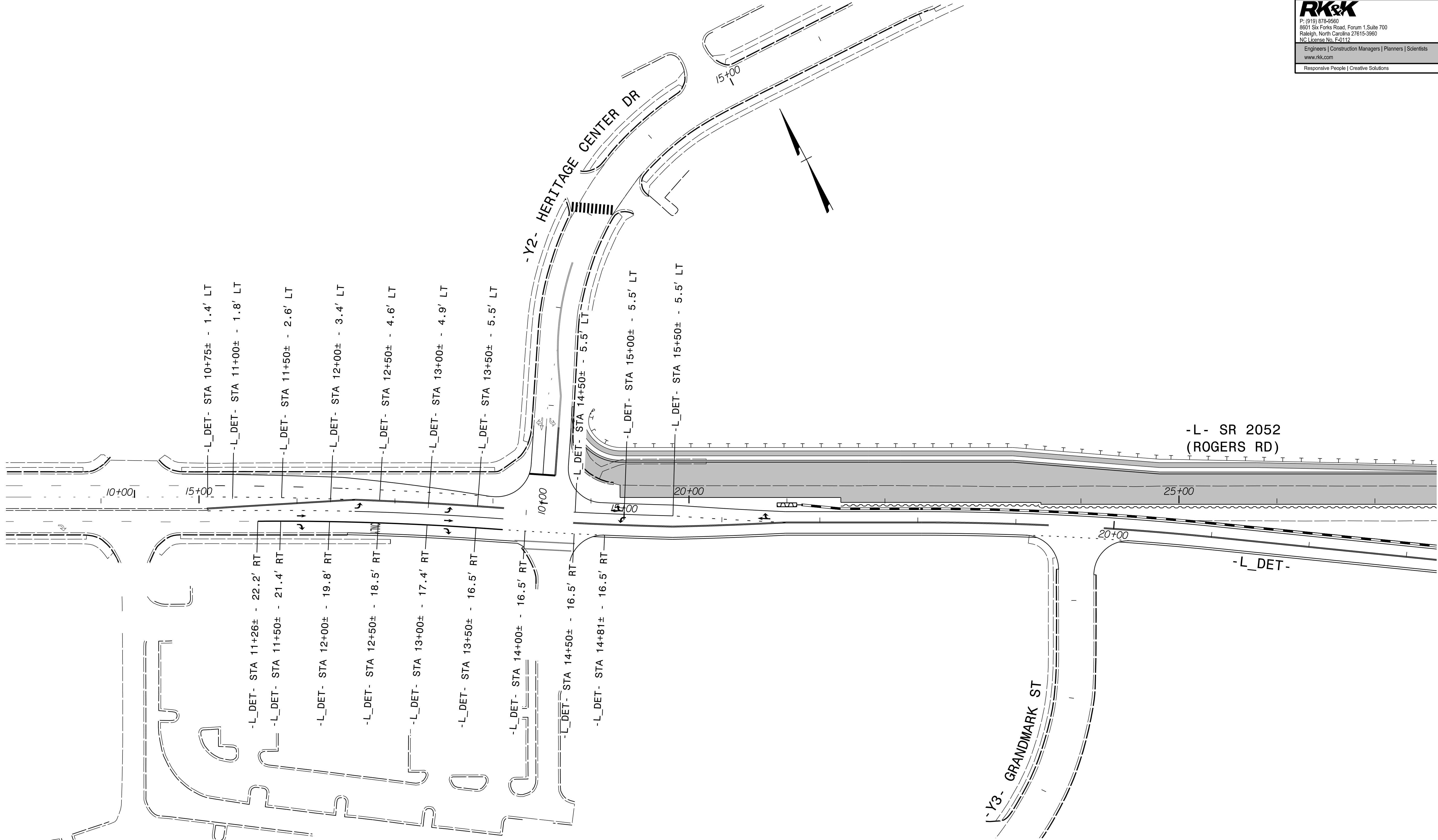
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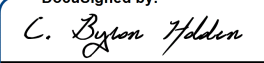
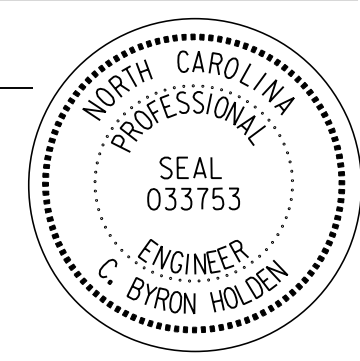
NORTH CAROLINA
PROFESSIONAL
ENGINEER
C. BYRON HOLDEN
SEAL
033753

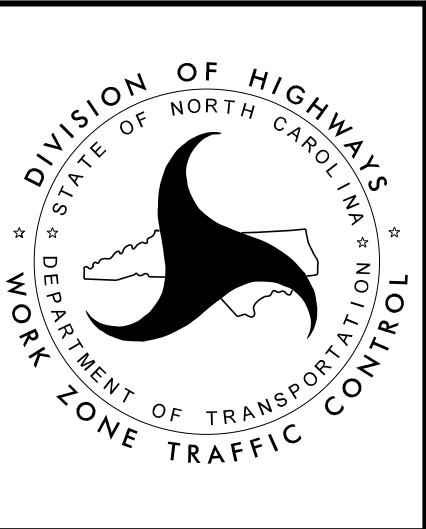
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



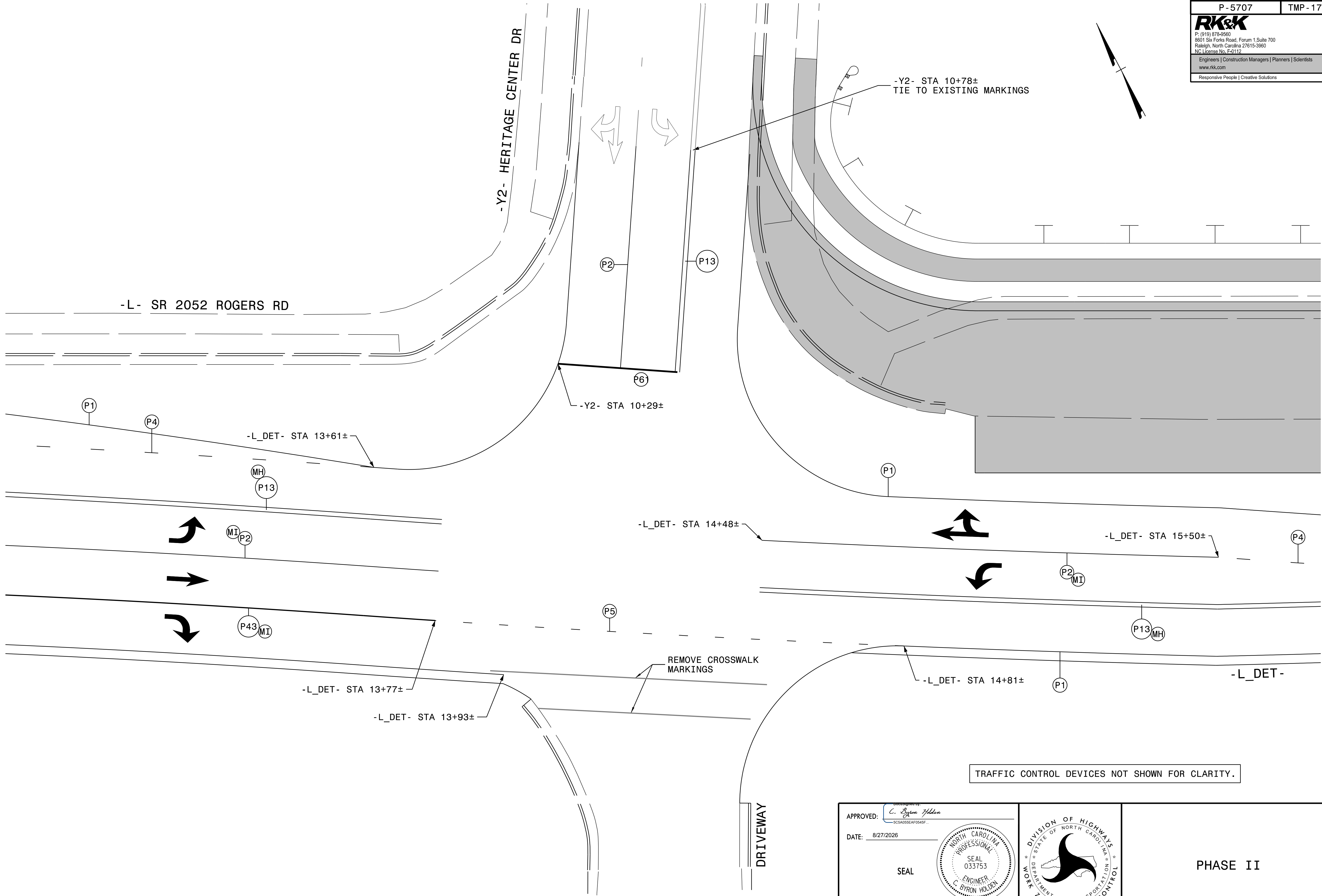
PHASE II



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DATE: 8/27/2026
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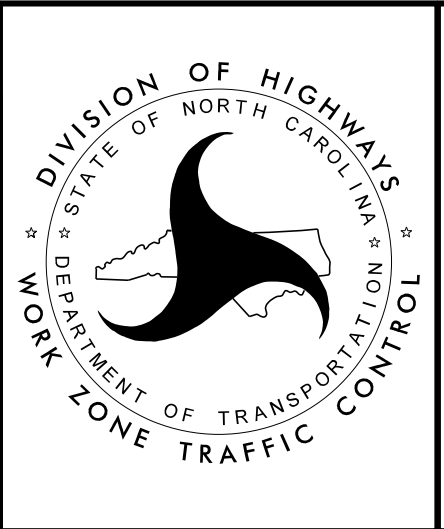


PHASE II

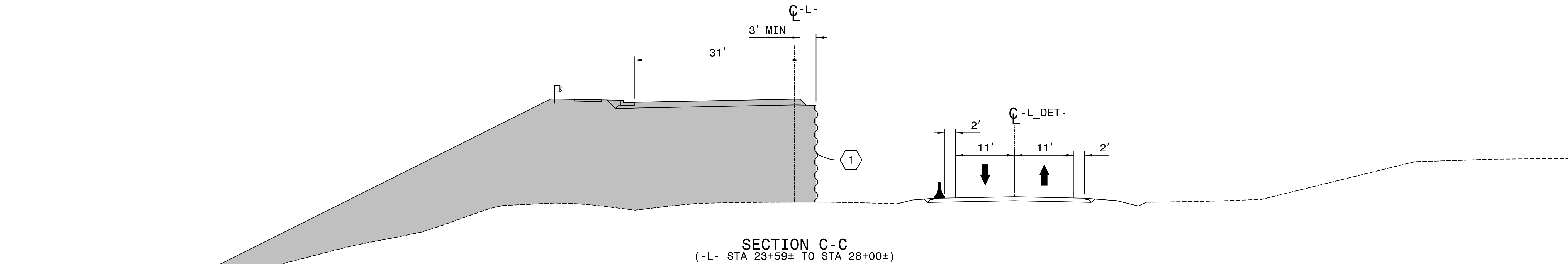
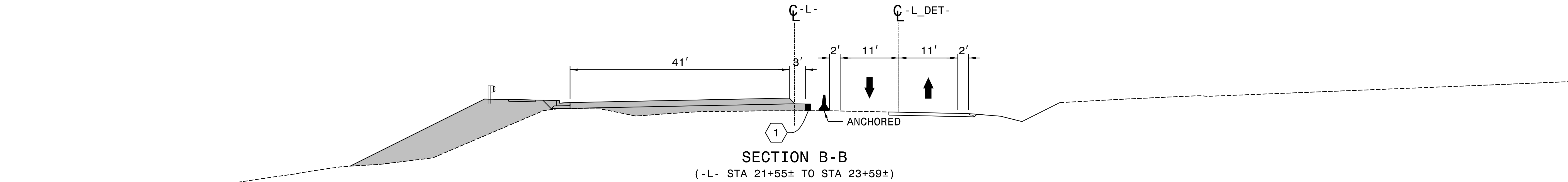


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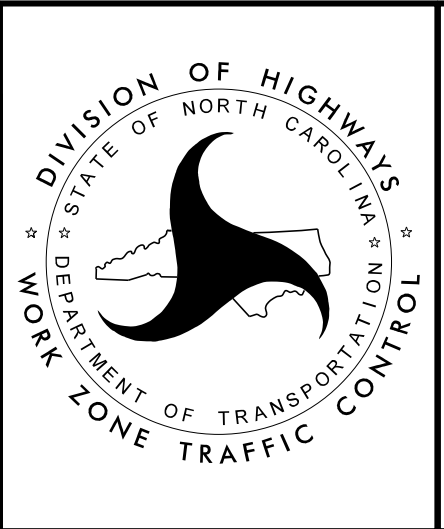


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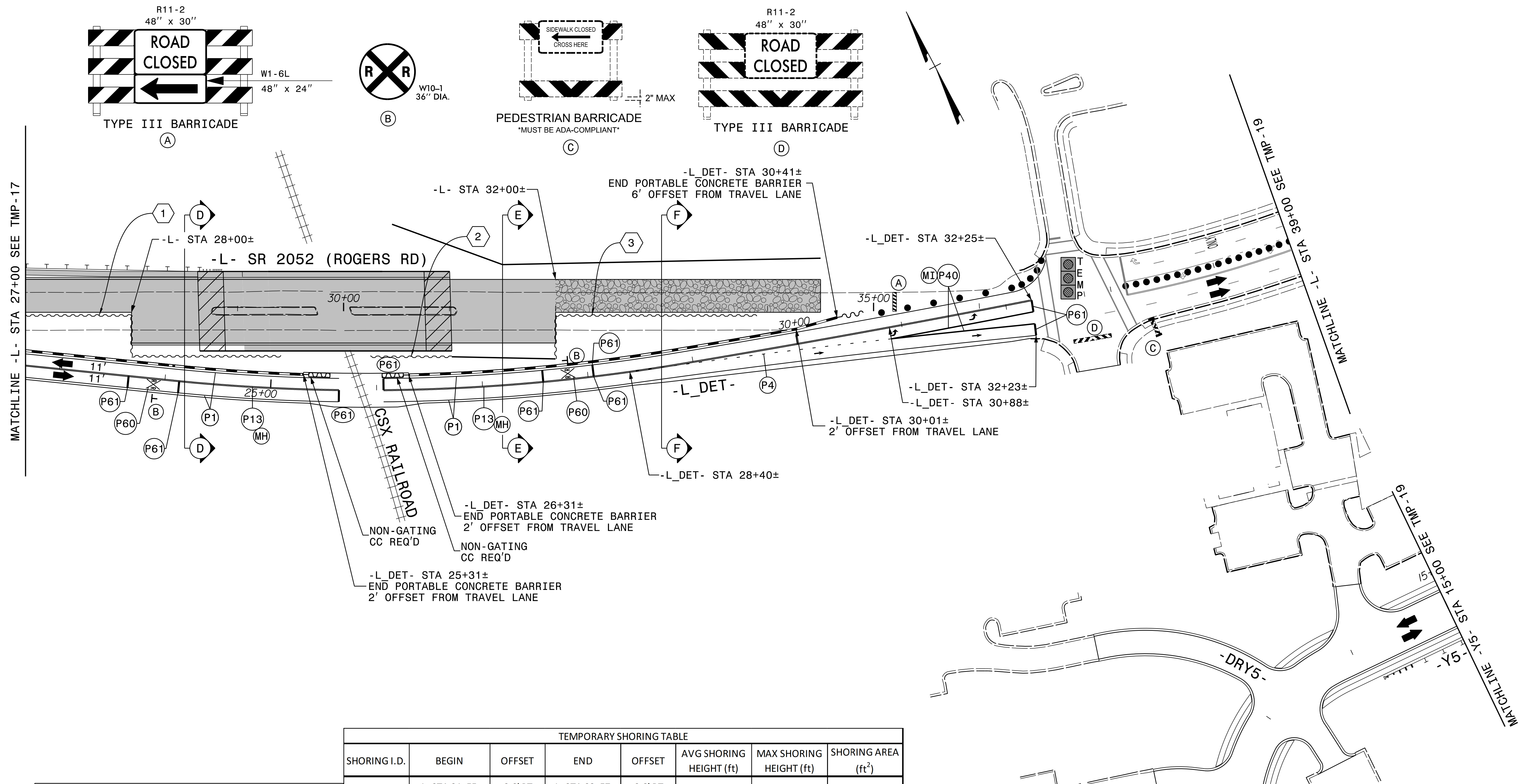


SEE TMP-2A FOR TEMPORARY SHORING PARAMETERS

APPROVED: <i>C. Byron Holden</i> SCSA0656AF0545F...	
DATE: 8/27/2026	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PHASE II



STOP BAR LOCATION AND PORTABLE CONCRETE BARRIER LIMITS DEPENDENT ON CROSSING GATES. REFER TO APPLICABLE ROADWAY STANDARD.

INSTALL PERMANENT DRAINAGE AS APPLICABLE.

SEE TMP-18A AND 18B FOR SECTION VIEW.

SEE TMP-18C FOR ADDITIONAL PAVEMENT MARKING LAYOUT.

SEE TMP-2A FOR TEMPORARY SHORING PARAMETERS.

TEMPORARY SHORING TABLE							
SHORING I.D.	BEGIN	OFFSET	END	OFFSET	AVG SHORING HEIGHT (ft)	MAX SHORING HEIGHT (ft)	SHORING AREA (ft ²)
①	-L- STA 21+55±	2.0' RT	-L- STA 23+57±	2.0' RT	20.5	30.2	13197
	-L- STA 23+57±	2.0' RT	-L- STA 23+59±	4.0' RT			
	-L- STA 23+59±	4.0' RT	-L- STA 28+00±	4.0' RT			
	-L- STA 28+00±	4.0' RT	-L- STA 28+00±	42.5' RT			
	-L- STA 28+00±	42.5' RT	-L- STA 29+41±	42.5' RT			
②	-L- STA 30+25±	43.0' RT	-L- STA 31+02±	43.0' RT	21.7	32.2	1669
③	-L- STA 32+00±	45.0' RT	-L- STA 32+00±	4.0' RT	21.9	32.2	5065
	-L- STA 32+00±	4.0' RT	-L- STA 33+90±	4.0' RT			

APPROVED: *C. Byron Holden*
SCS40656AF0545F...

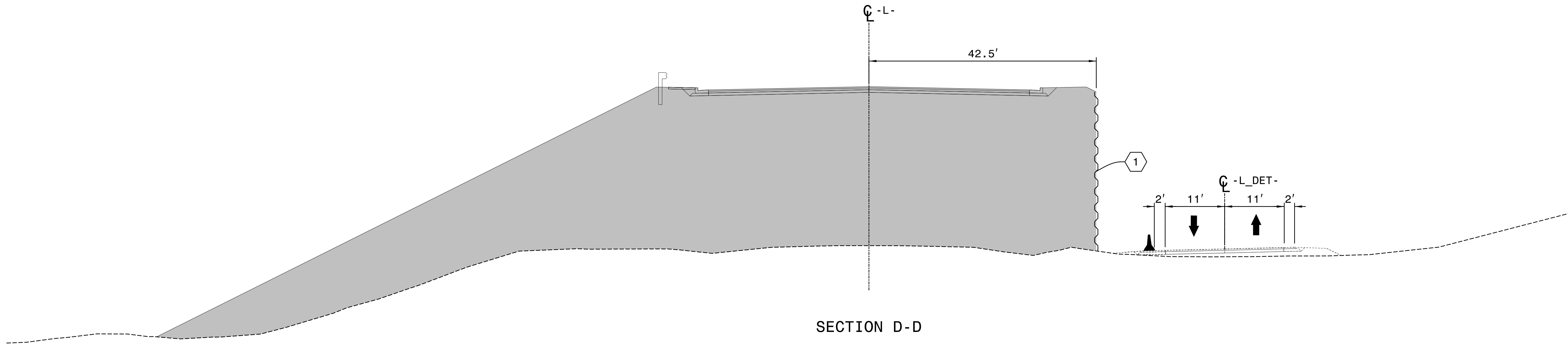
DATE: 8/27/2026

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
033753
ENGINEER
C. BYRON HOLDEN

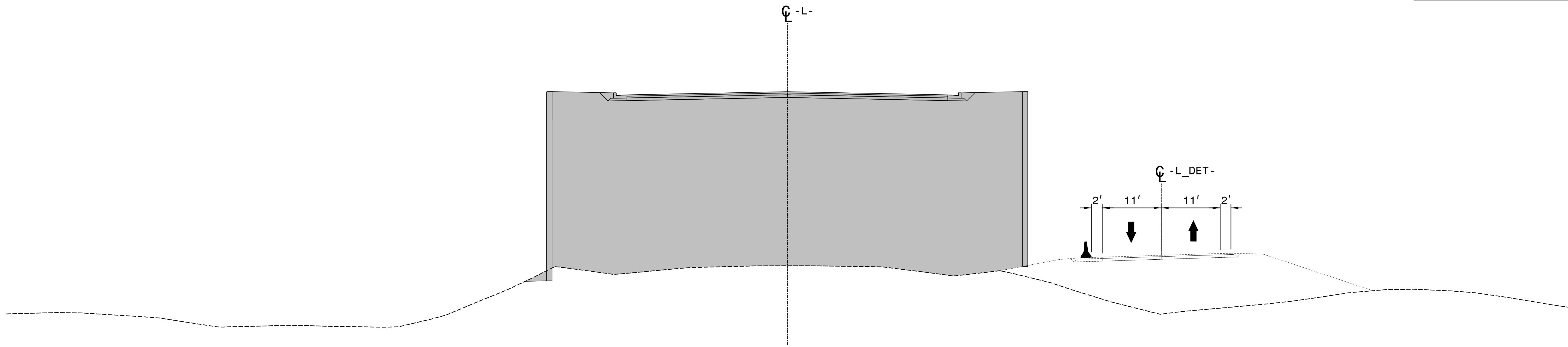
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE II

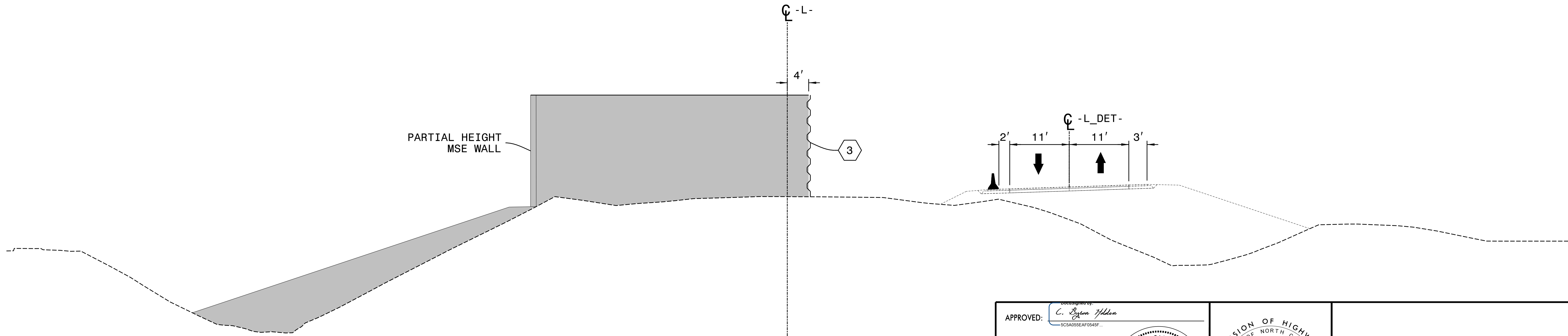


SEE TMP-2A FOR TEMPORARY SHORING PARAMETERS

APPROVED: <i>C. Byron Holden</i> DATE: 8/27/2026 SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	NORTH CAROLINA PROFESSIONAL ENGINEER C. BYRON HOLDEN SEAL 033753 DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	PHASE II
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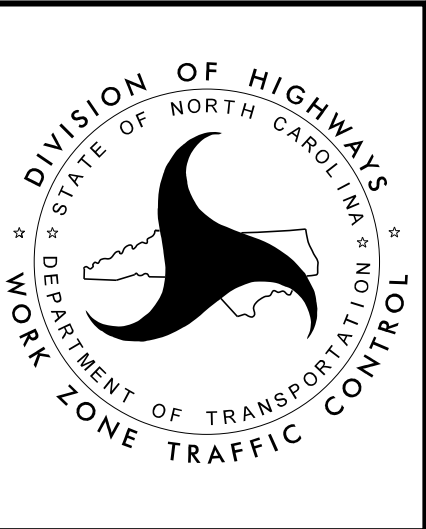
SECTION E-E



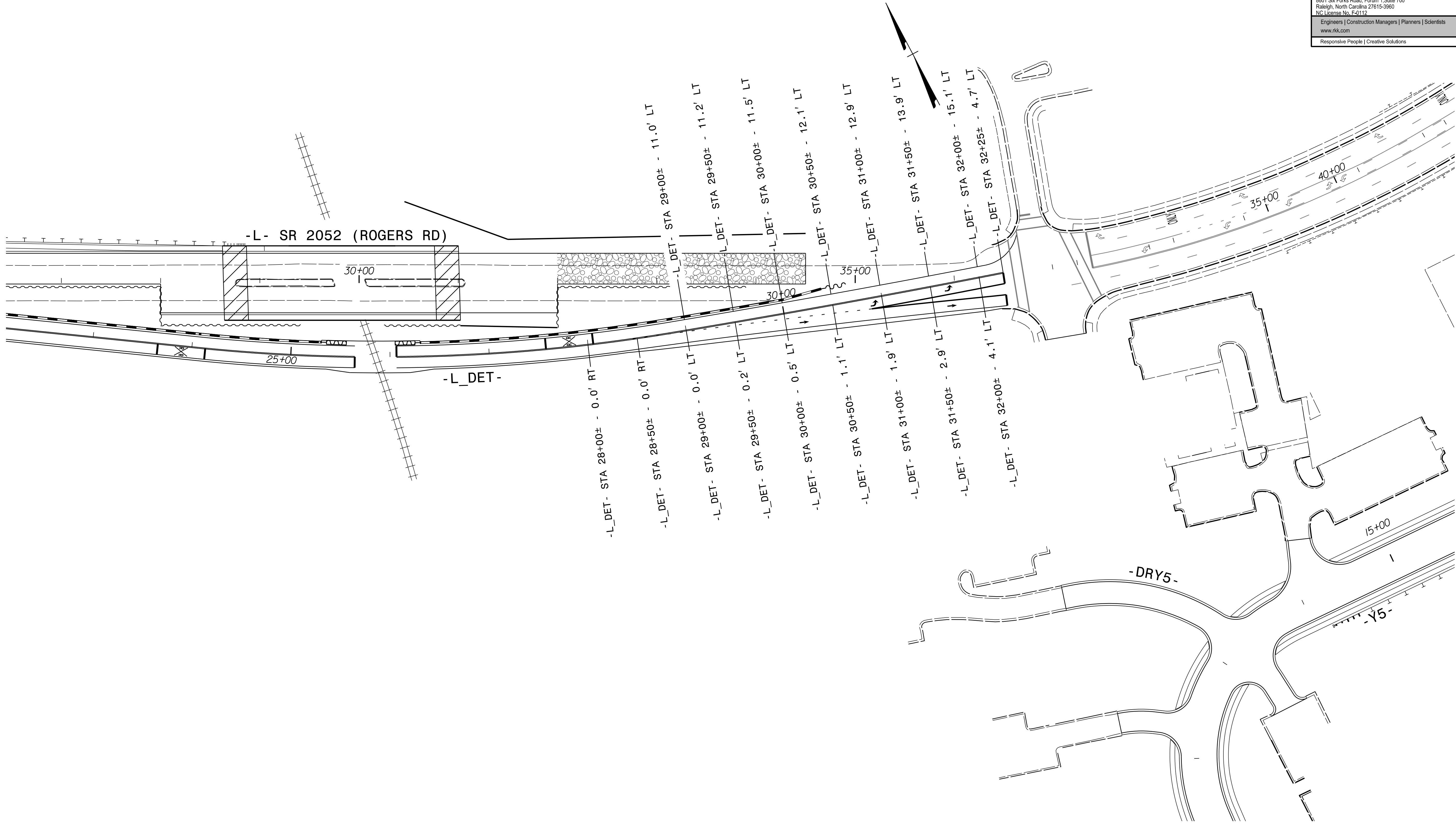
SECTION F-F

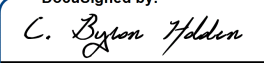
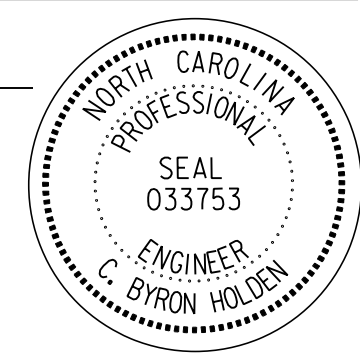
SEE TMP-2A FOR TEMPORARY SHORING PARAMETERS

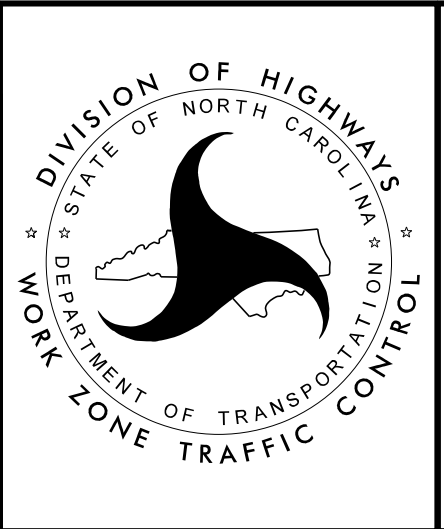
APPROVED: <i>C. Byron Holden</i>	
DATE: 8/27/2026	
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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



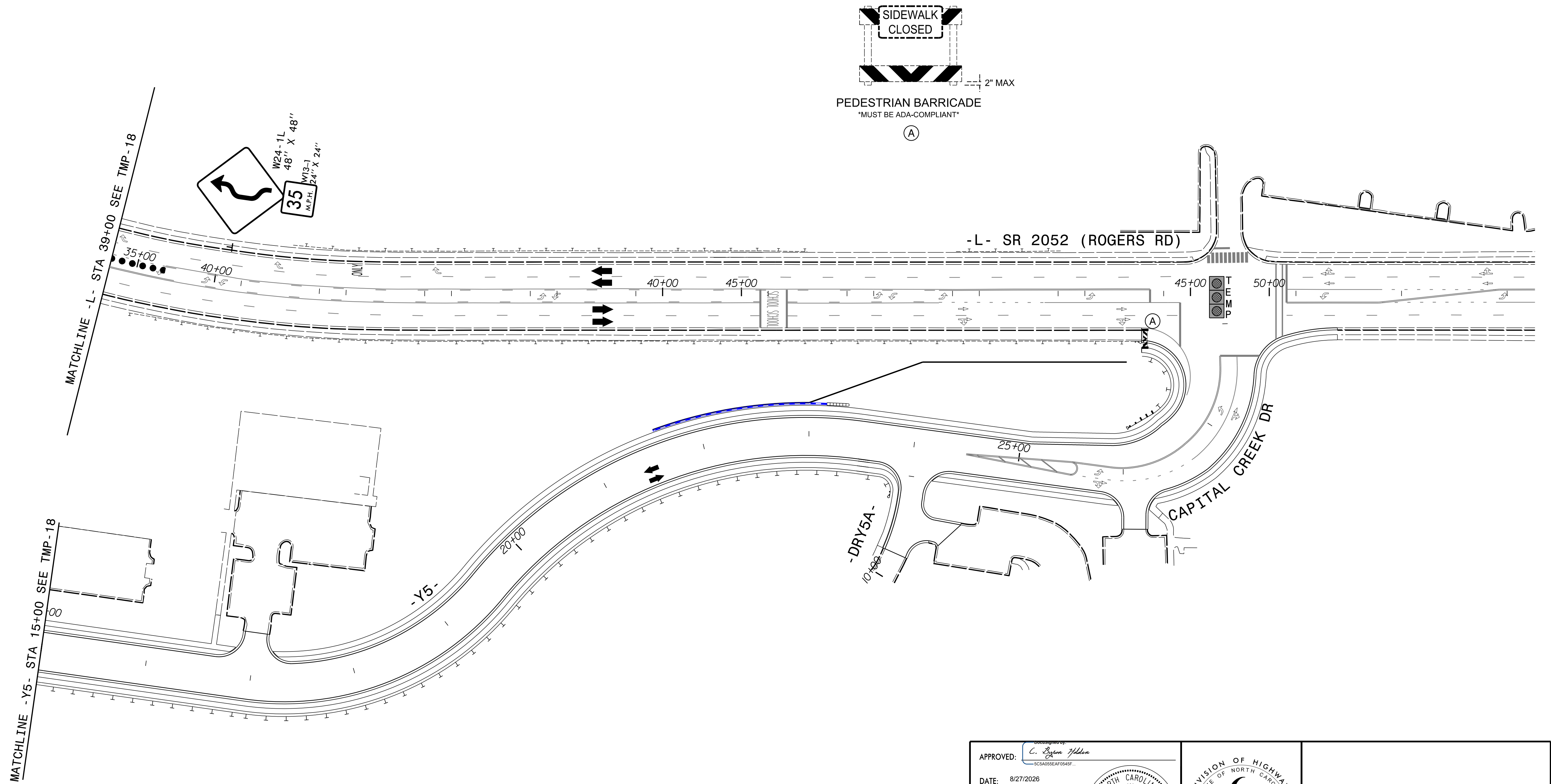
PHASE II



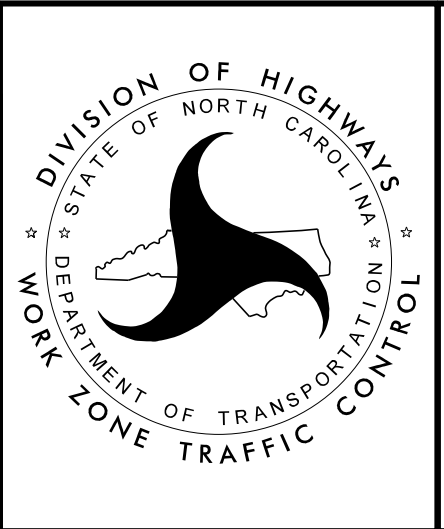
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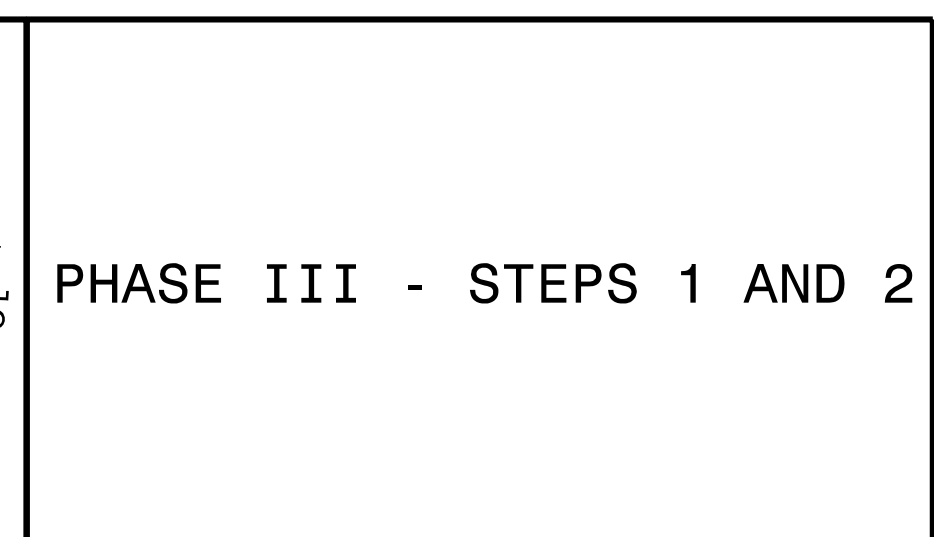
PHASE II

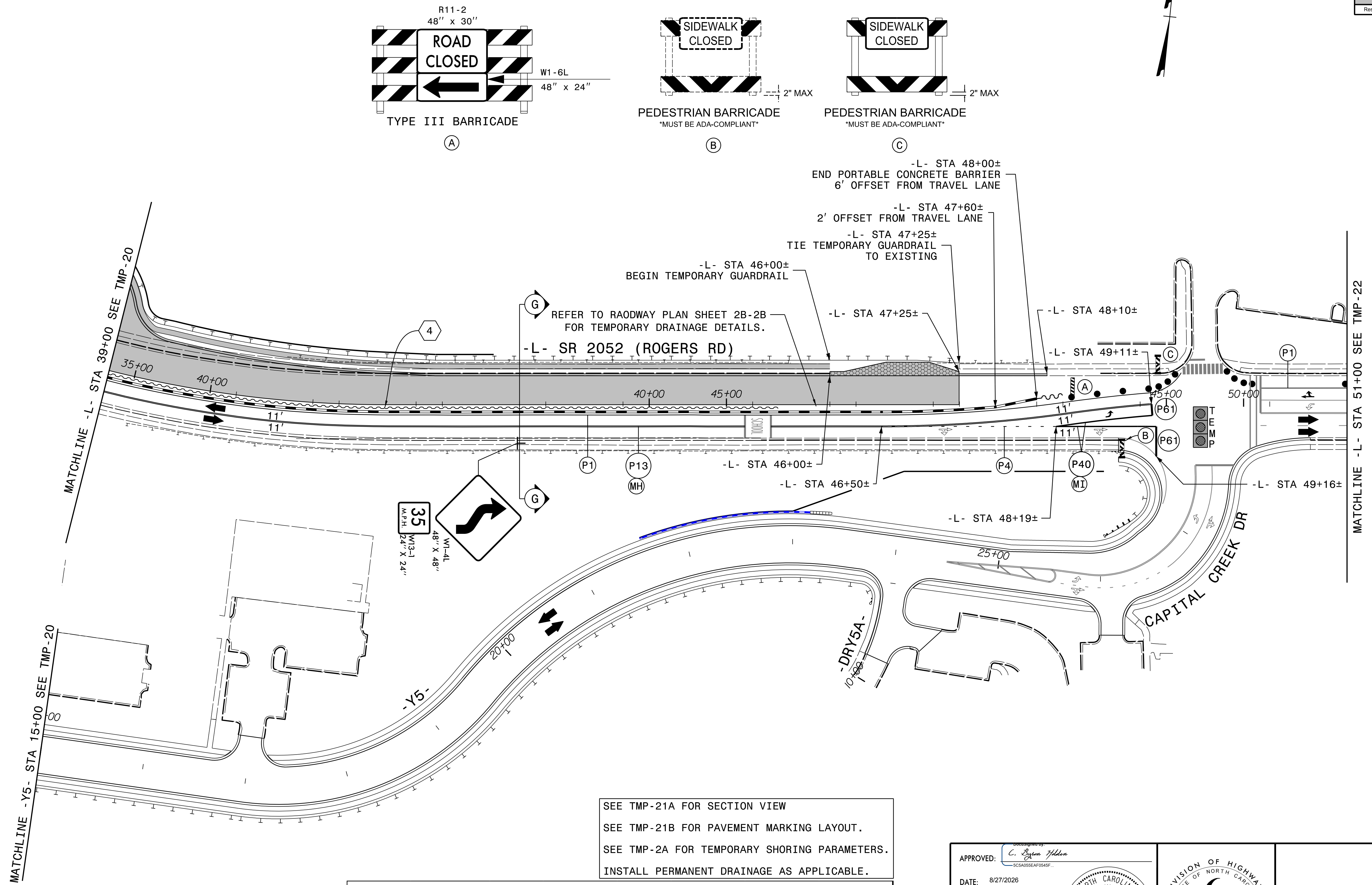


APPROVED: <i>C. Byron Holden</i>	
DATE: 8/27/2026	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PHASE II





SEE TMP-21A FOR SECTION VIEW
SEE TMP-21B FOR PAVEMENT MARKING LAYOUT.
SEE TMP-2A FOR TEMPORARY SHORING PARAMETERS.
INSTALL PERMANENT DRAINAGE AS APPLICABLE.

TEMPORARY SHORING TABLE							
SHORING I.D.	BEGIN	OFFSET	END	OFFSET	AVG SHORING HEIGHT (ft)	MAX SHORING HEIGHT (ft)	SHORING AREA (ft ²)
4	-L- STA 37+56±	1.0' RT	-L- STA 45+50±	1.0' RT	10.1	18.2	8030

APPROVED:

DATE: 8/27/2026

SEAL

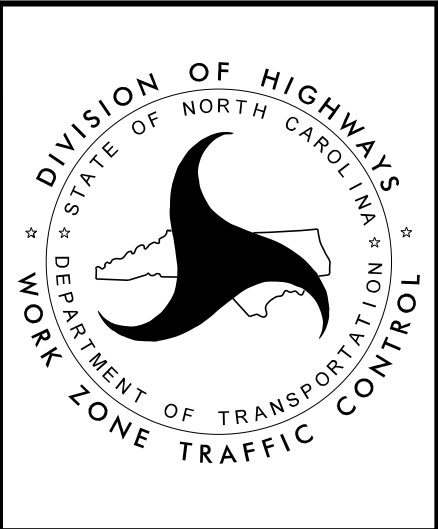
NORTH CAROLINA PROFESSIONAL ENGINEER

SEAL 033753

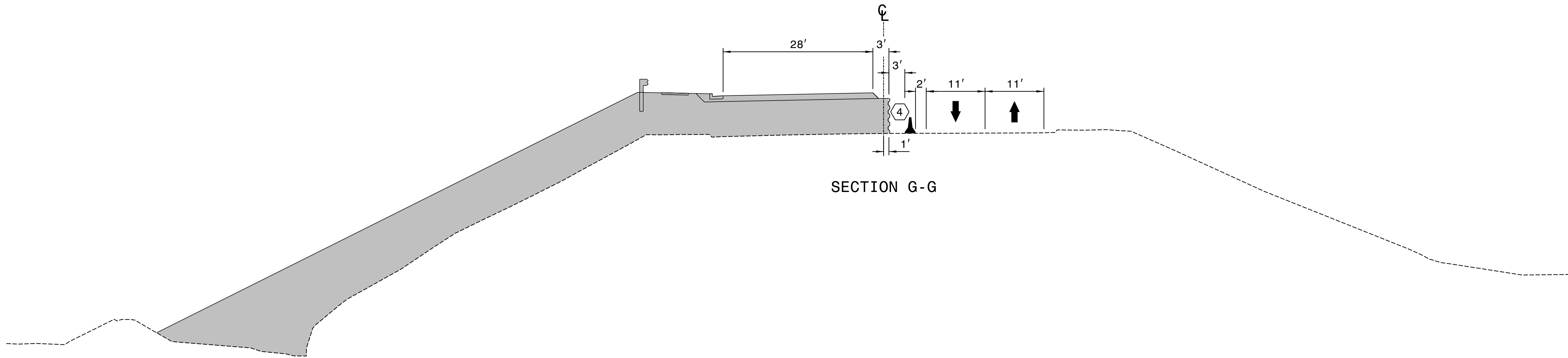
C. BYRON HOLDEN

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED



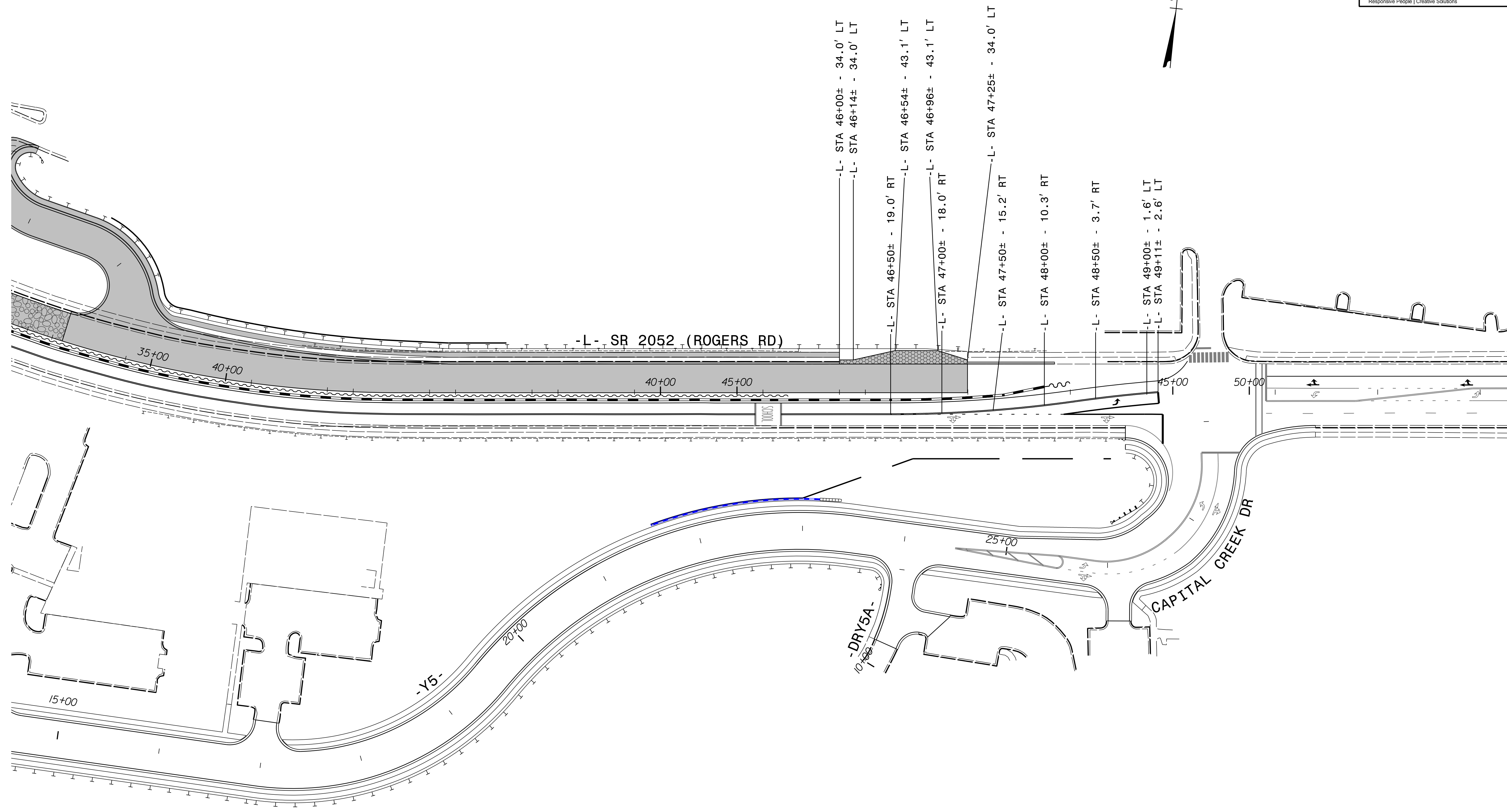
PHASE III - STEPS 1 AND 2

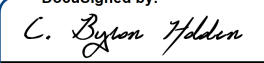
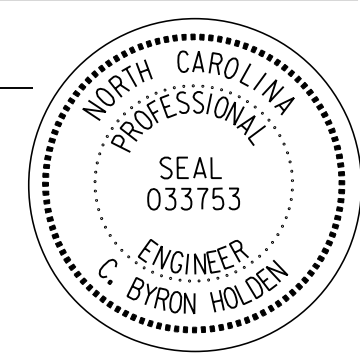


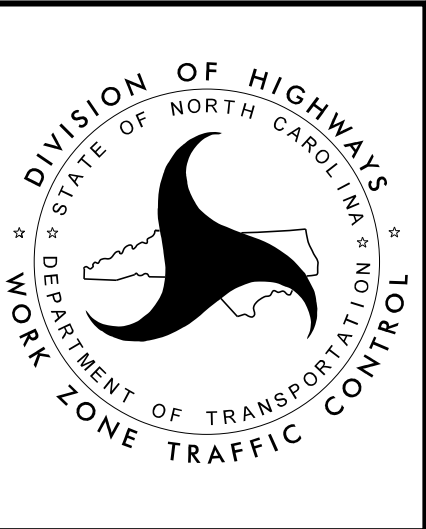
SECTION G-G

SEE TMP-2A FOR TEMPORARY SHORING PARAMETERS

APPROVED: <u>C. Byron Holden</u> SCSA0656AF0545F... DATE: 8/27/2026 SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	NORTH CAROLINA PROFESSIONAL SEAL 033753 ENGINEER C. BYRON HOLDEN	DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	PHASE III - STEPS 1 AND 2
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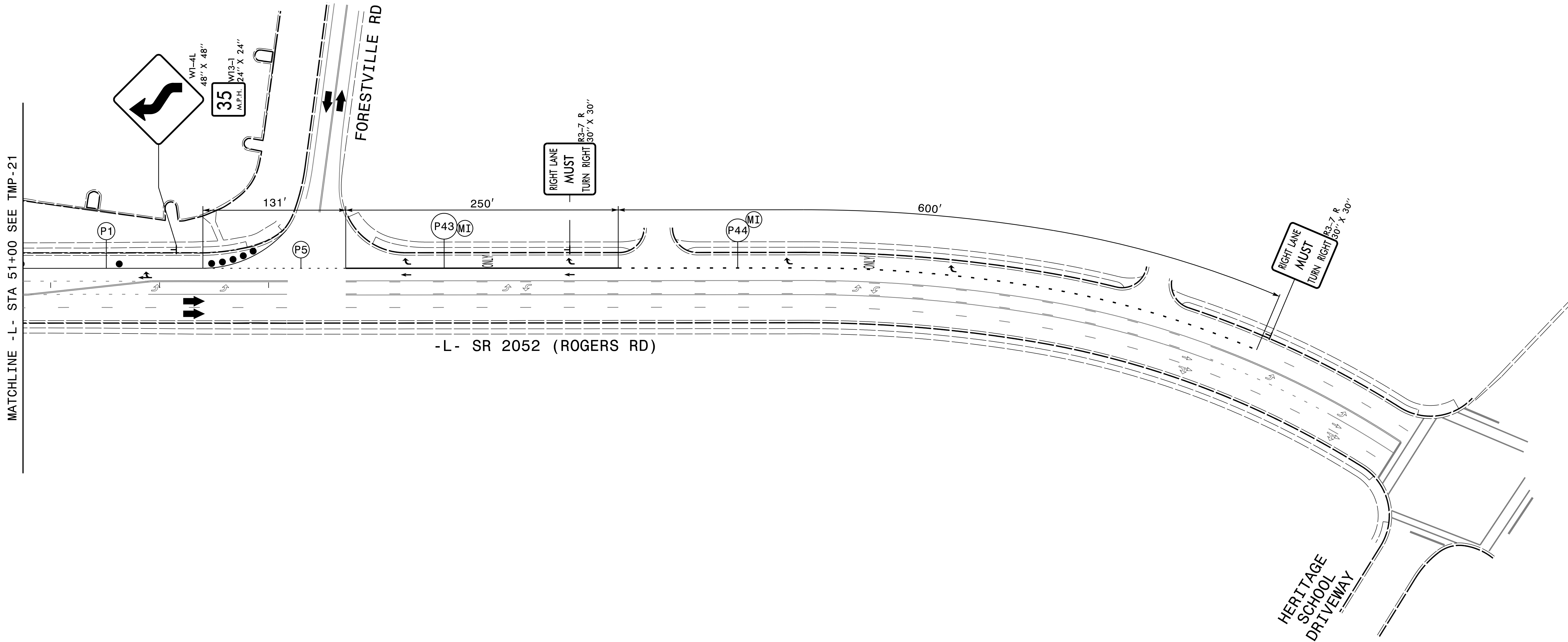


APPROVED: 
DATE: 8/27/2026
SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

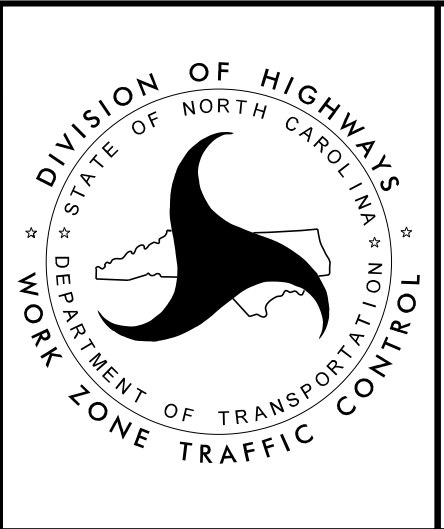


PHASE III - STEP 1

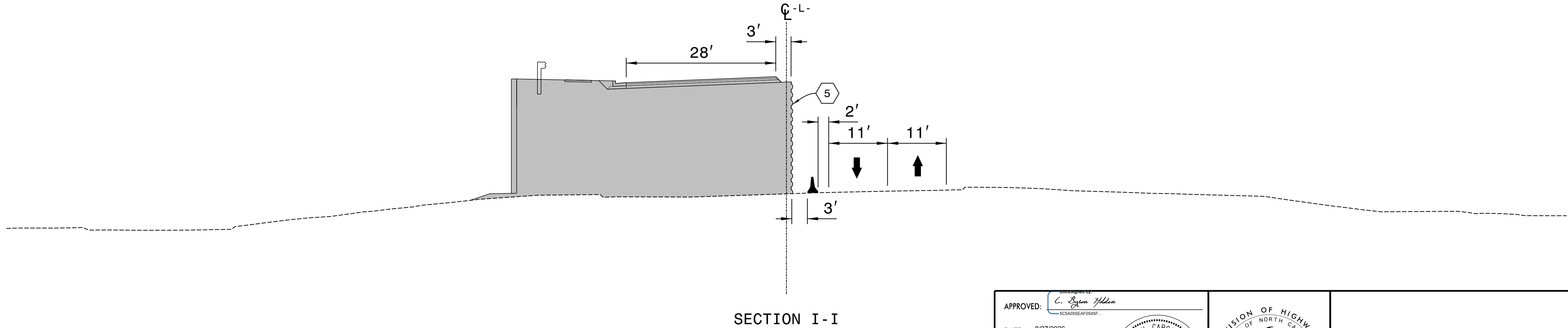
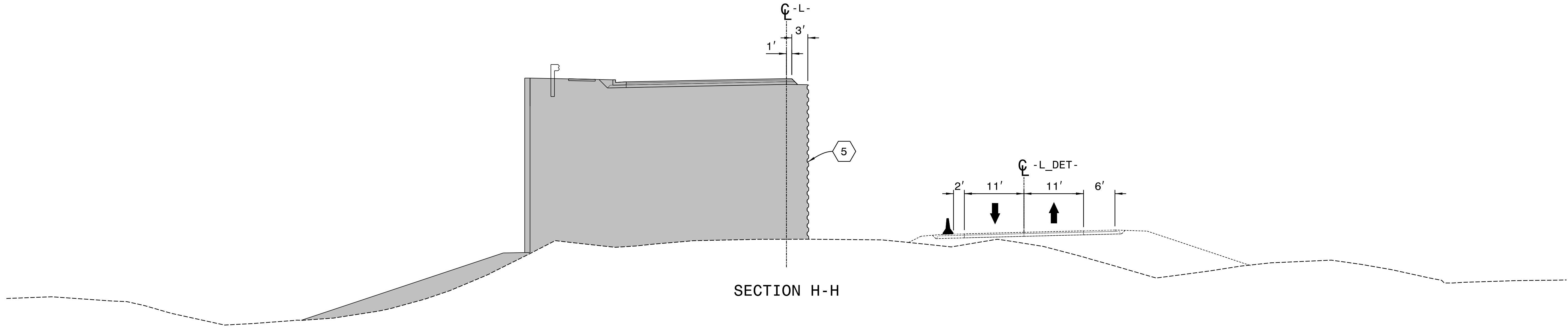
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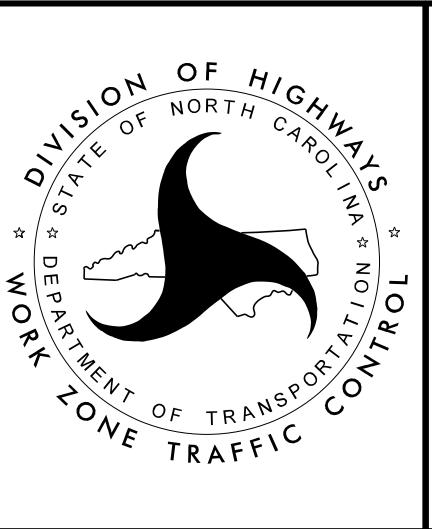


PHASE III - STEP 1

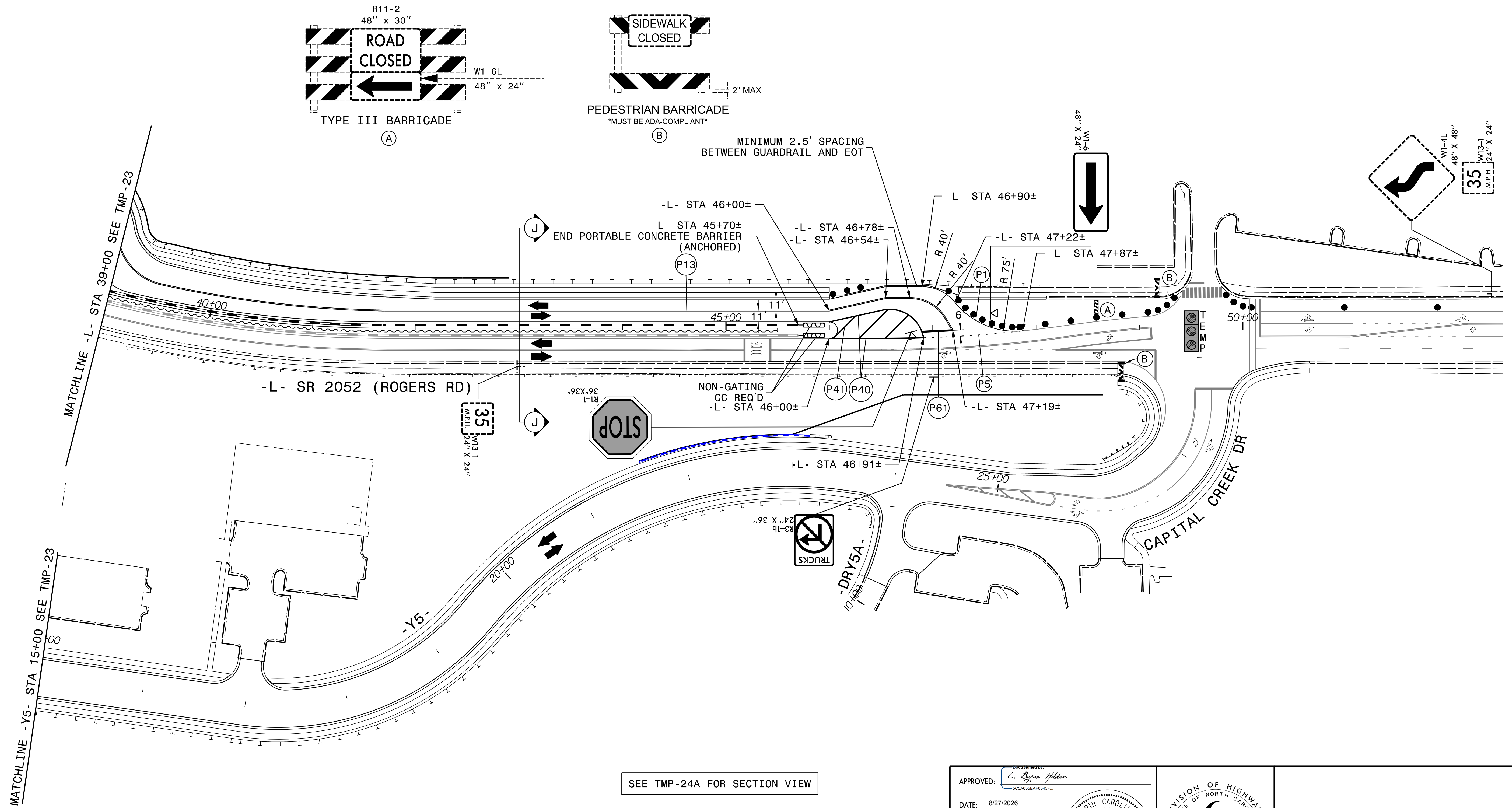


SEE TMP-2A FOR TEMPORARY SHORING PARAMETERS

APPROVED: <i>C. Byron Holden</i>
DATE: 8/27/2026
SEAL
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

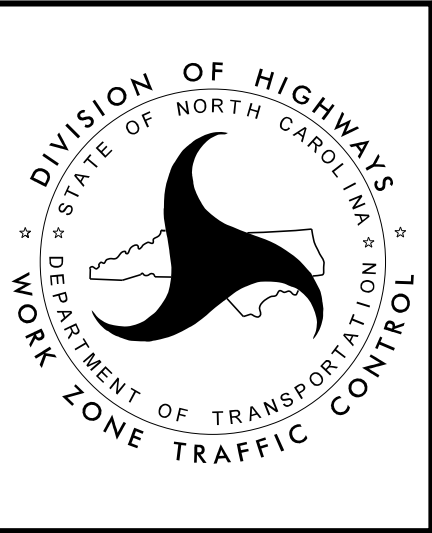


PHASE III
STEPS 3 THROUGH 6

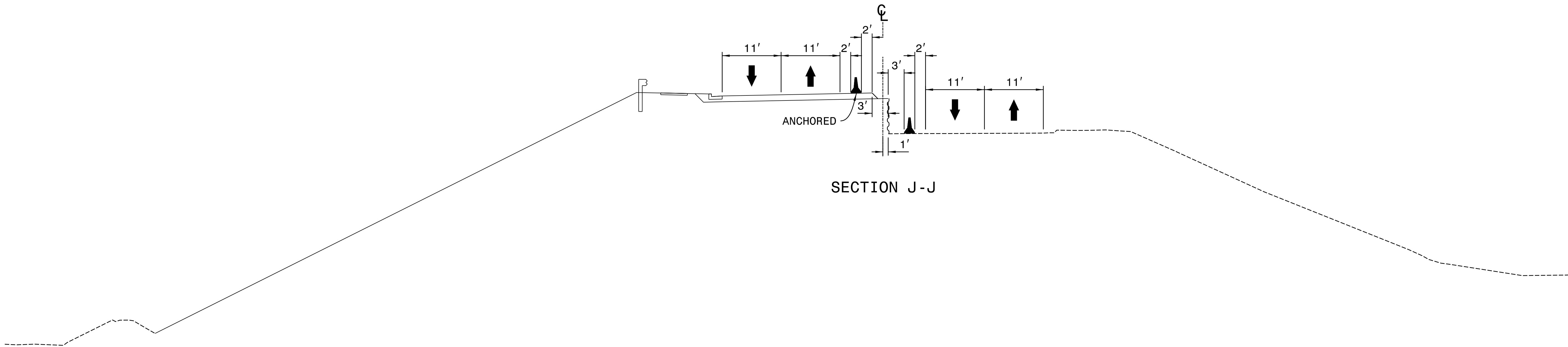


SEE TMP-24A FOR SECTION VIEW

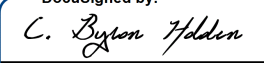
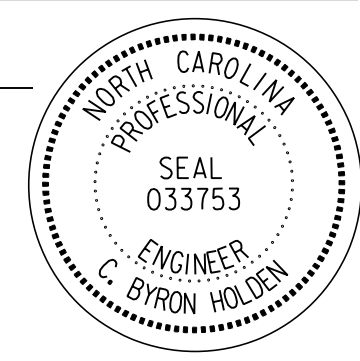
APPROVED: <i>C. Byron Holden</i> SC5A0656AF0545F...	
DATE: 8/27/2026	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

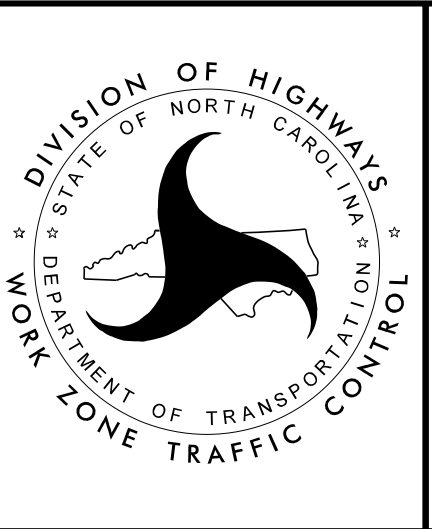


PHASE III - STEPS 3 AND 4

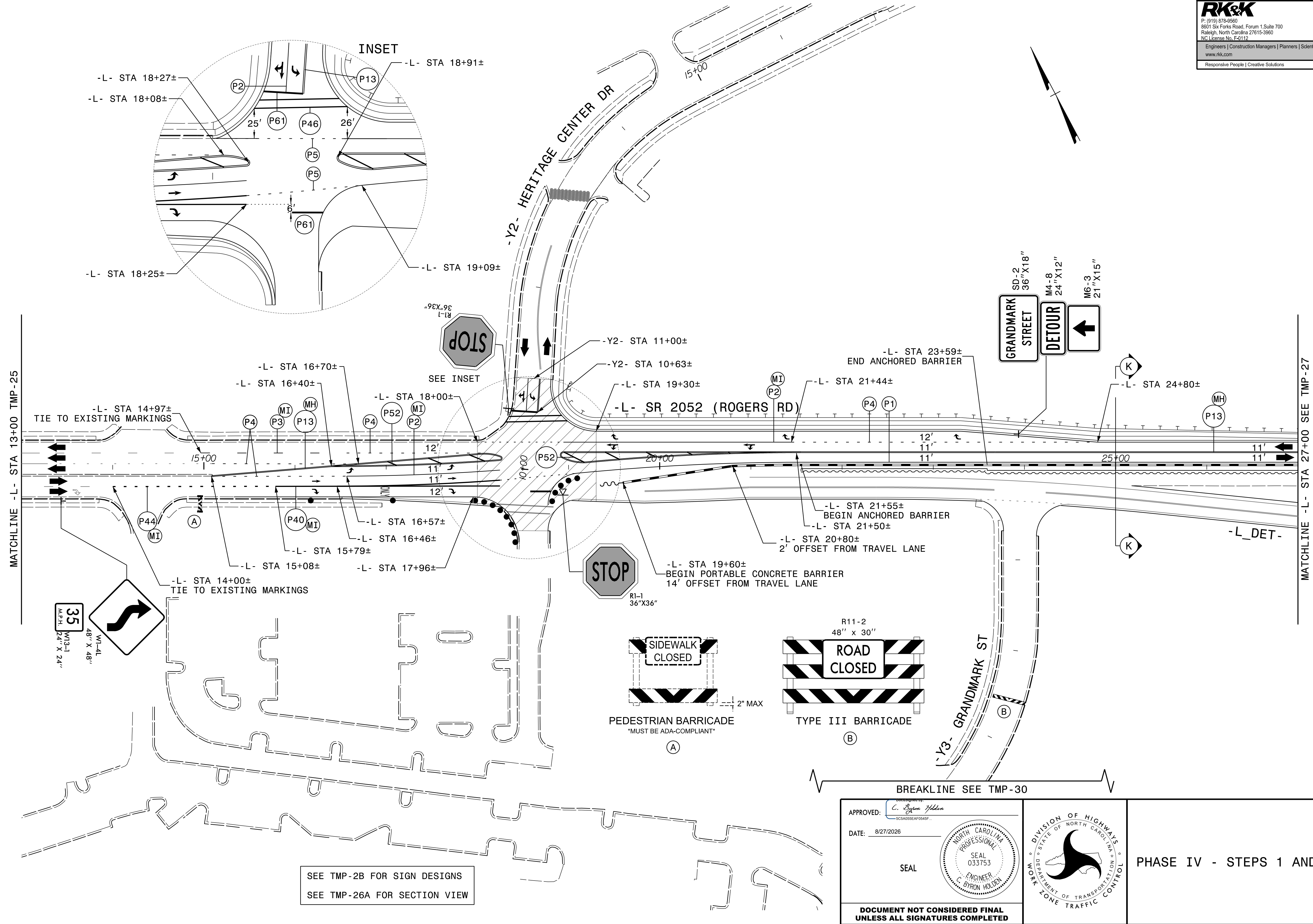


SECTION J-J

APPROVED: 
DATE: 8/27/2026
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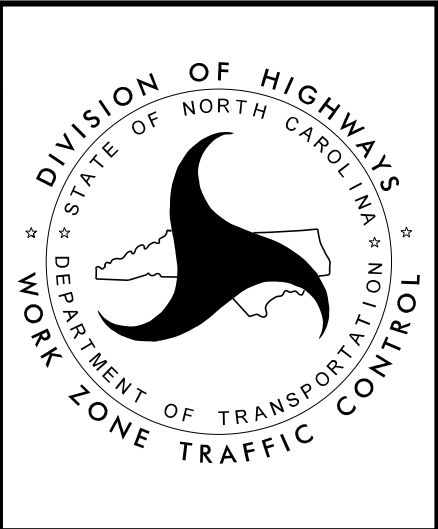


PHASE III - STEPS 3 AND 4

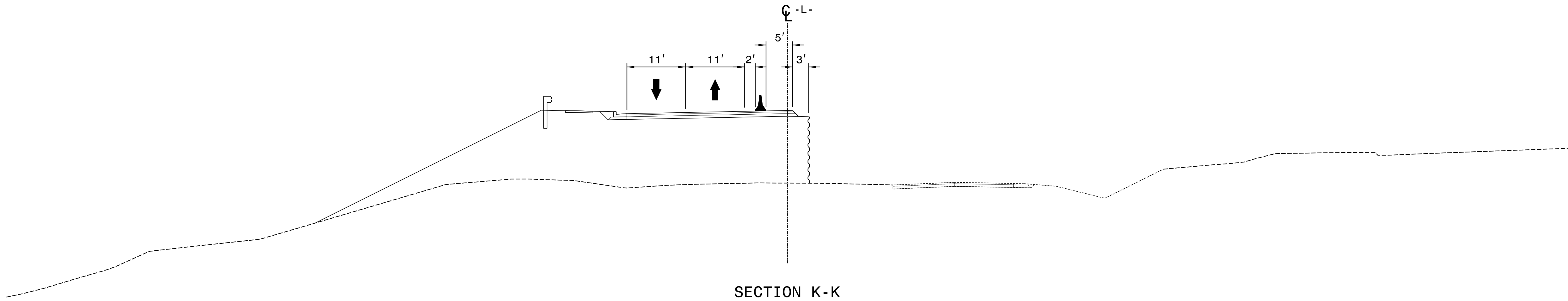


SEE TMP-2B FOR SIGN DESIGNS
SEE TMP-26A FOR SECTION VIEW

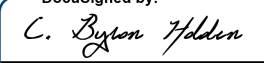
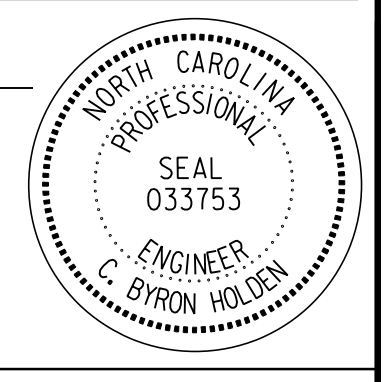
APPROVED: <i>C. Byron Holden</i> SCS0056AF0545F...	
DATE: 8/27/2026	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

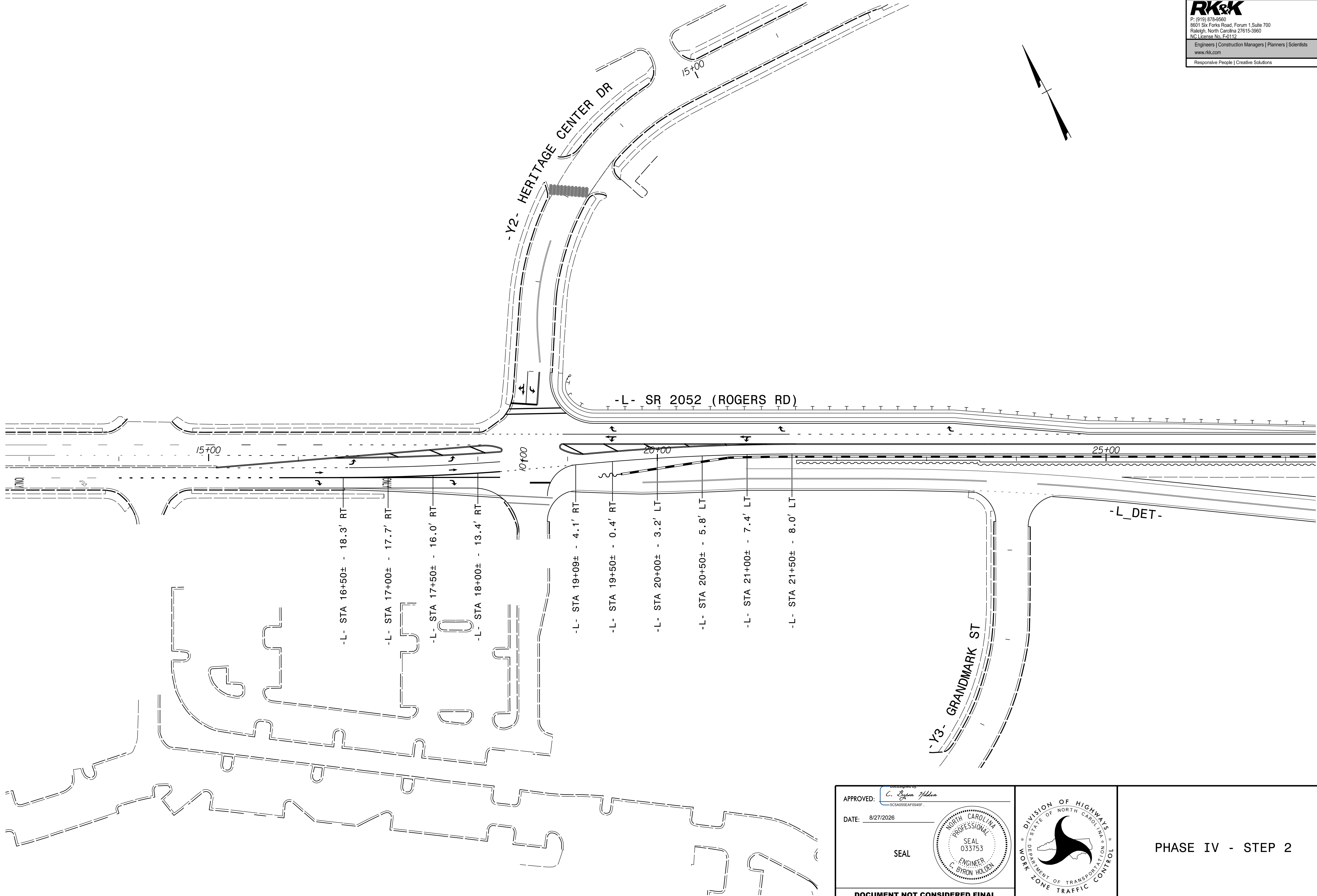


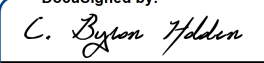
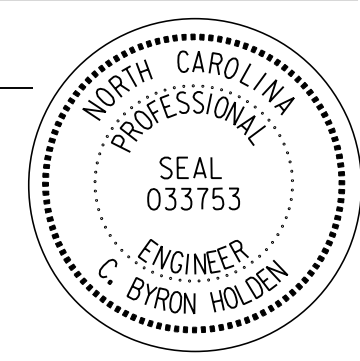
PHASE IV - STEPS 1 AND 2

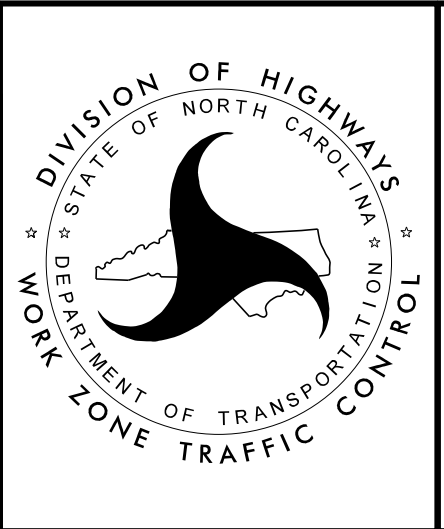


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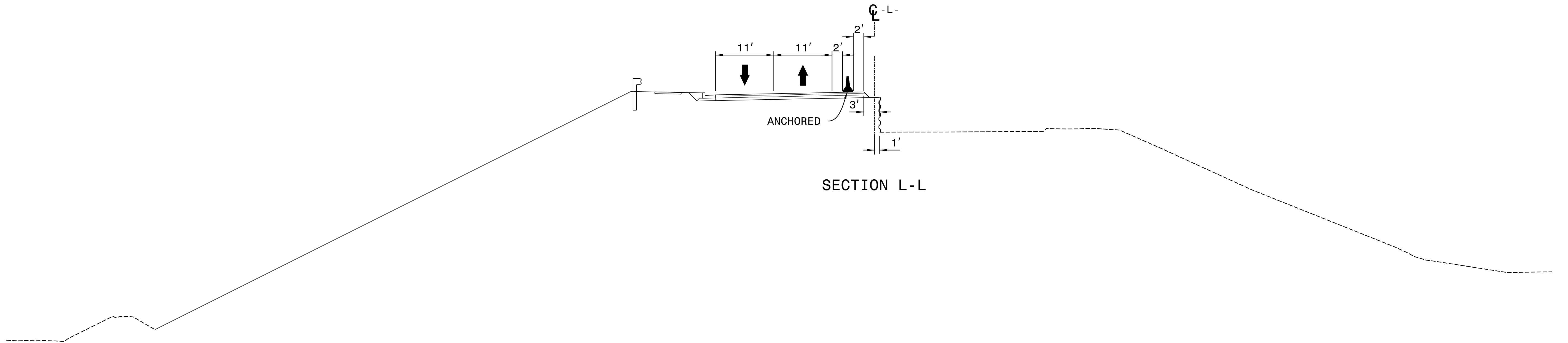
APPROVED:  SC5A065EAF0545F... DATE: 8/27/2026 SEAL  DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		PHASE IV - STEP 2
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DATE: 8/27/2026
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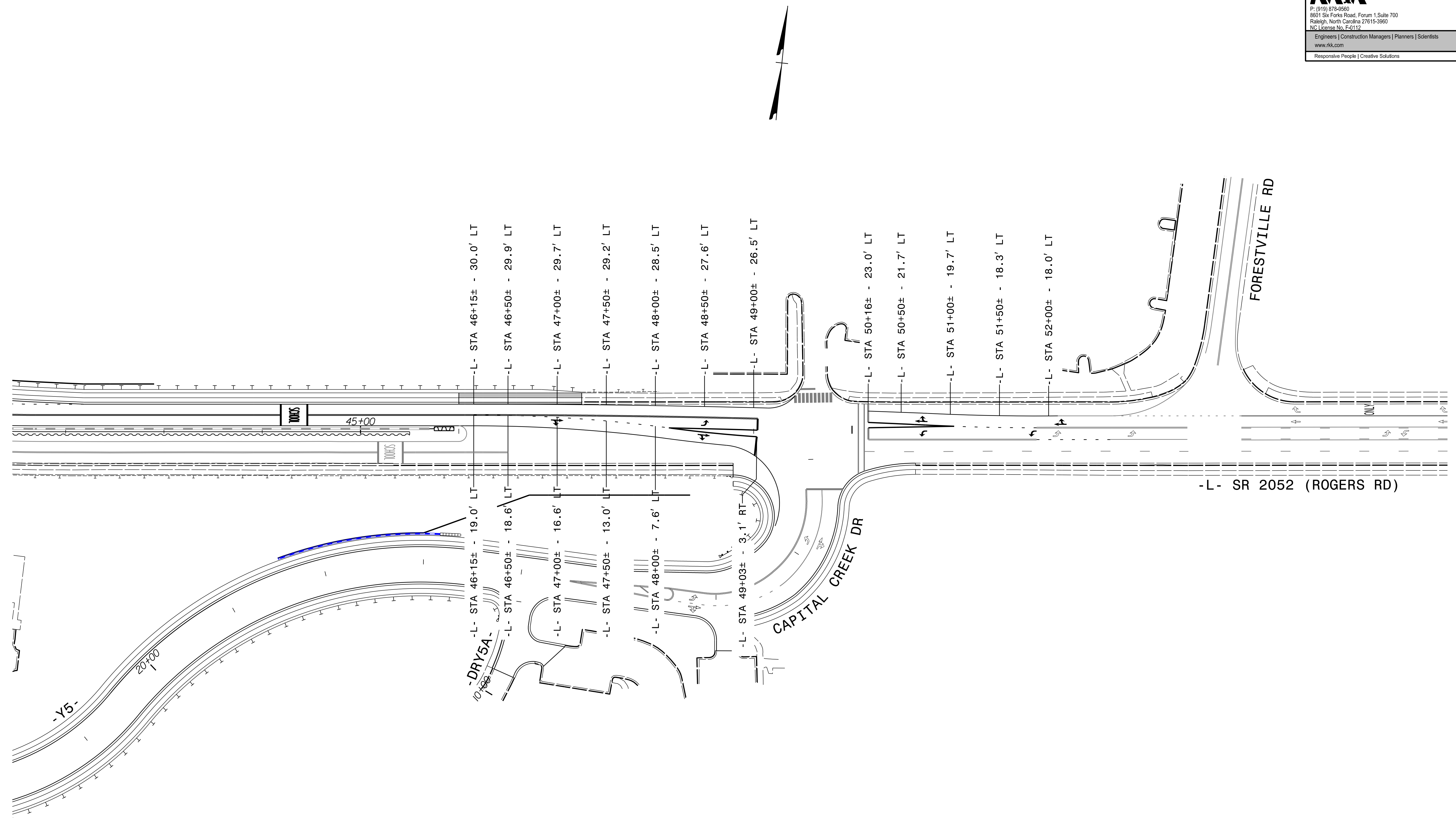


PHASE IV - STEP 2



APPROVED: <i>C. Byron Holden</i> DATE: 8/27/2026 SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	SEAL NORTH CAROLINA PROFESSIONAL ENGINEER C. BYRON HOLDEN SEAL 033753	DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	PHASE IV - STEP 2
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PROJ. REFERENCE NO.	SHEET NO.
P - 5707	TMP - 28B
 P: (919) 878-9560 8601 Six Forks Road, Forum 1 Suite 700 Raleigh, North Carolina 27615-3960 NC License No. F-0112 Engineers Construction Managers Planners Scientists www.rkk.com Responsive People Creative Solutions	



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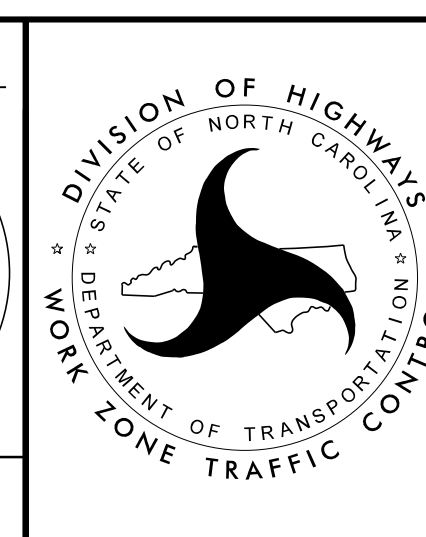
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C. Byron Holden
APPROVED: _____
SCS40050AF054SF

DATE: 8/27/2026 _____

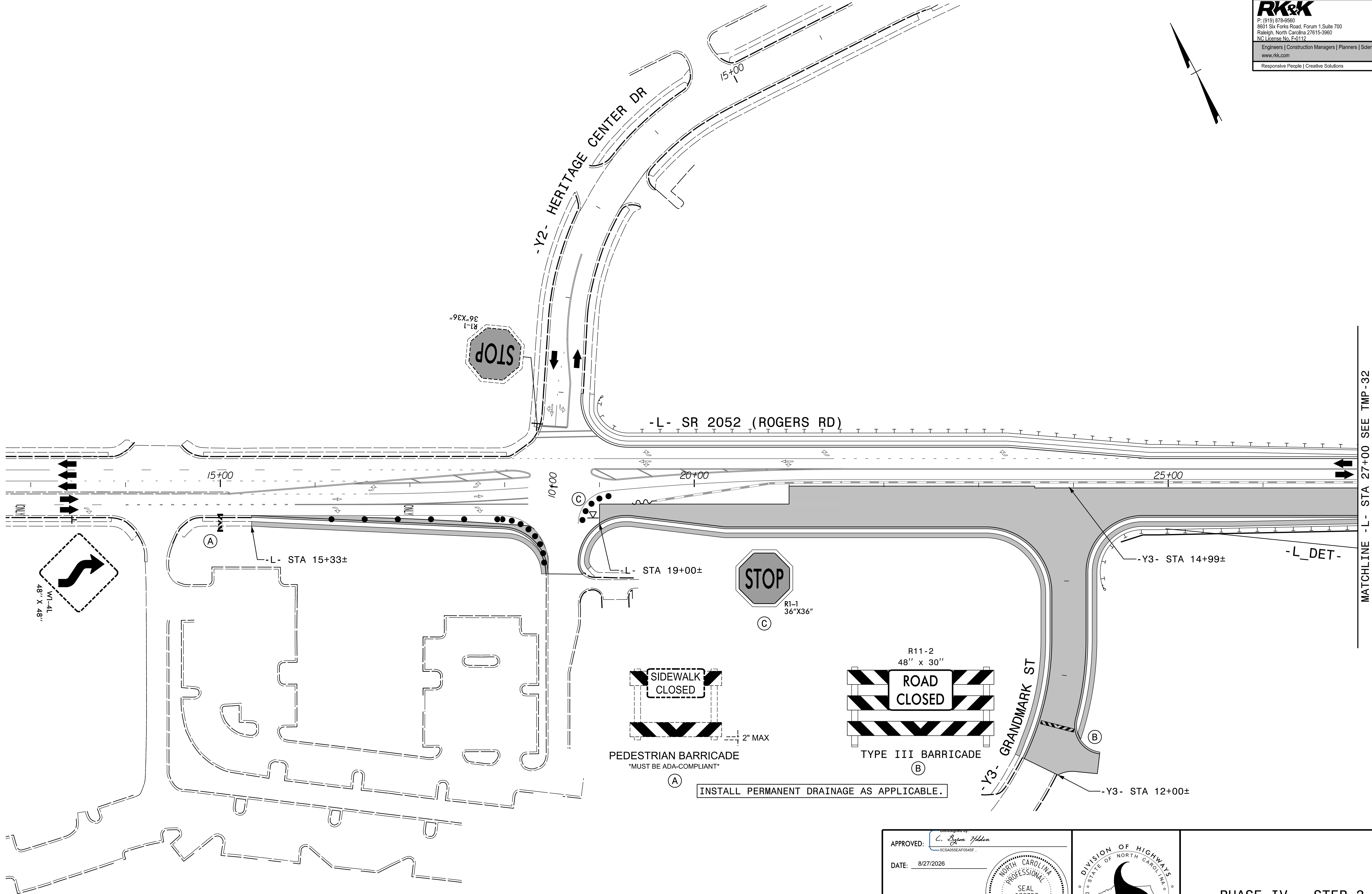
SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
033753
ENGINEER
C. BYRON HOLDEN

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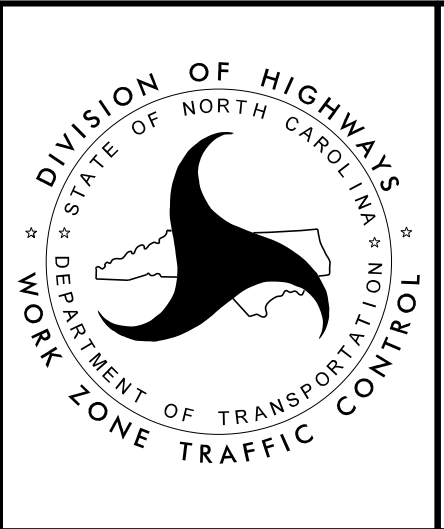


PHASE IV - STEP 2



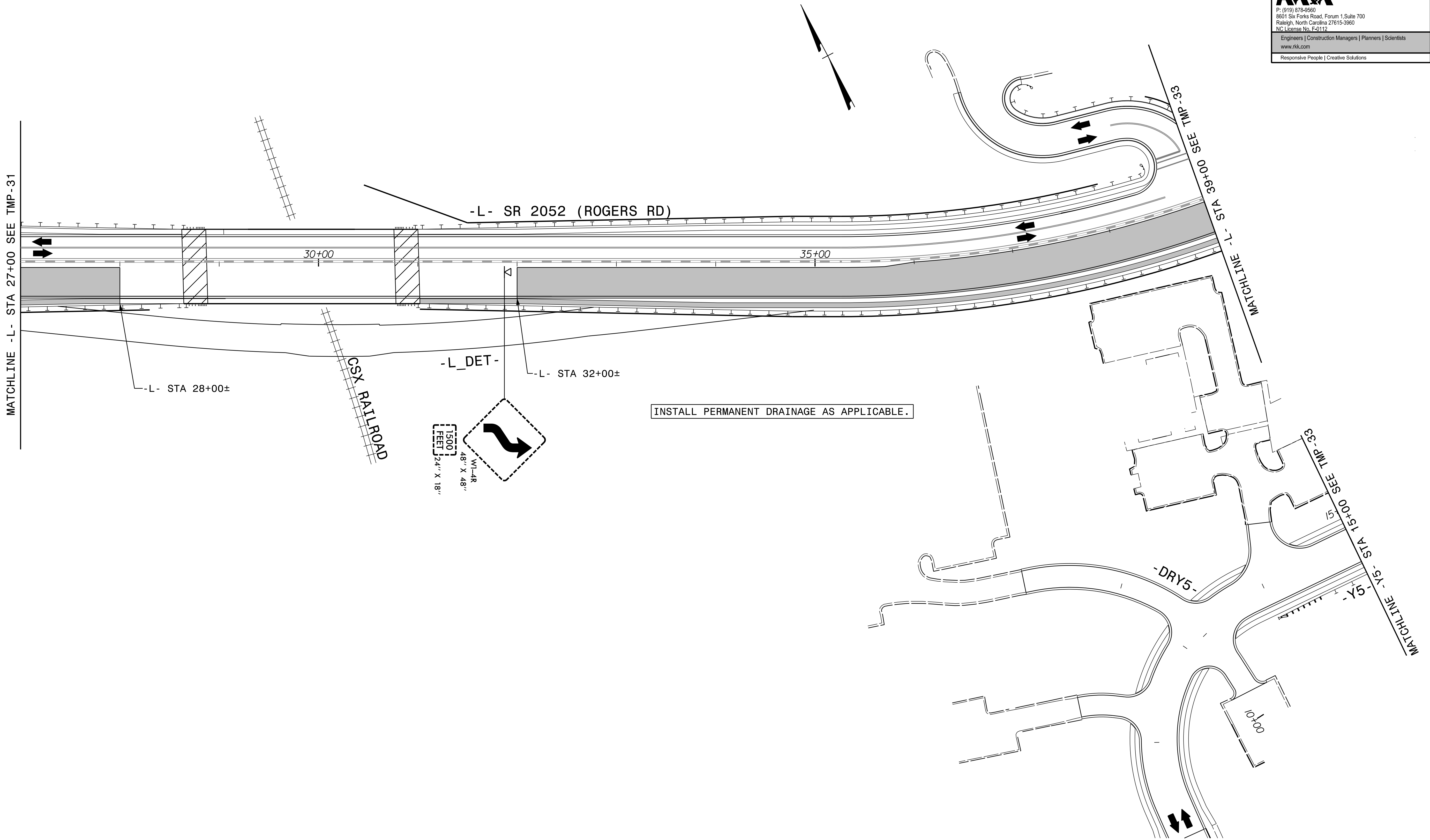
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APPROVED: *C. Byron Holden*
DATE: 8/27/2026
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NORTH CAROLINA
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SEAL
033753
ENGINEER
C. BYRON HOLDEN

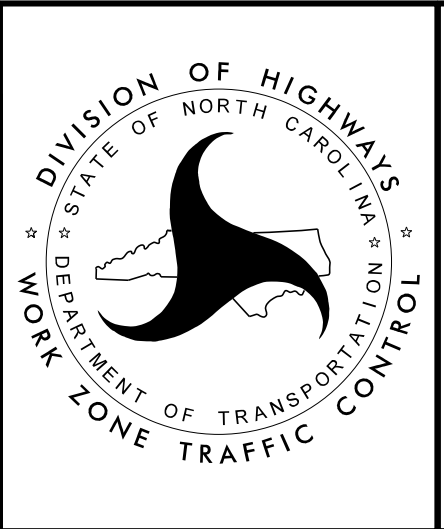


PHASE IV - STEP 3

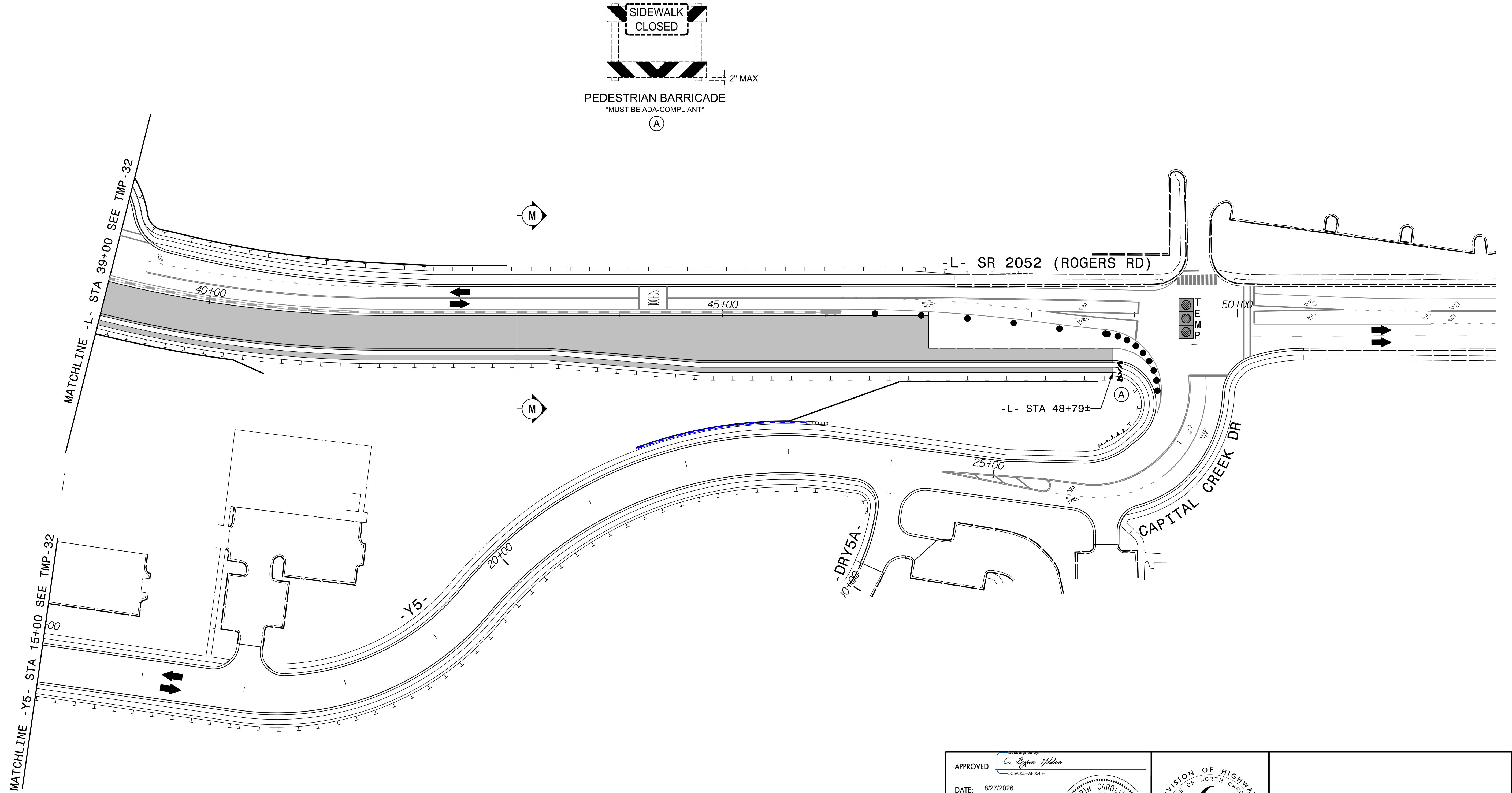
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DATE: 8/27/2026	
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PHASE IV - STEP 3

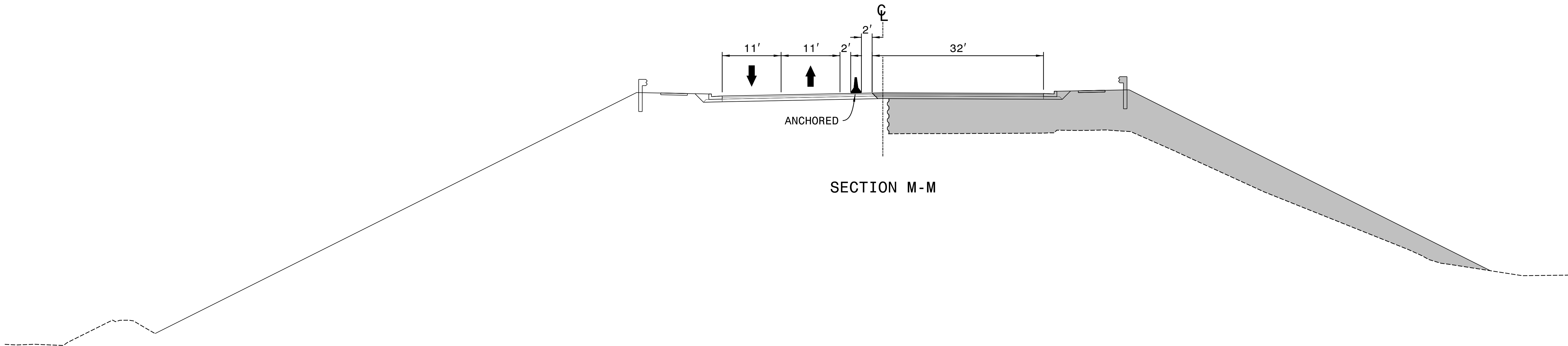


SEE TMP-33A FOR SECTION VIEW
INSTALL PERMANENT DRAINAGE AS APPLICABLE.

APPROVED: <i>C. Byron Holden</i> SCS40656AF0545F...	
DATE: 8/27/2026	
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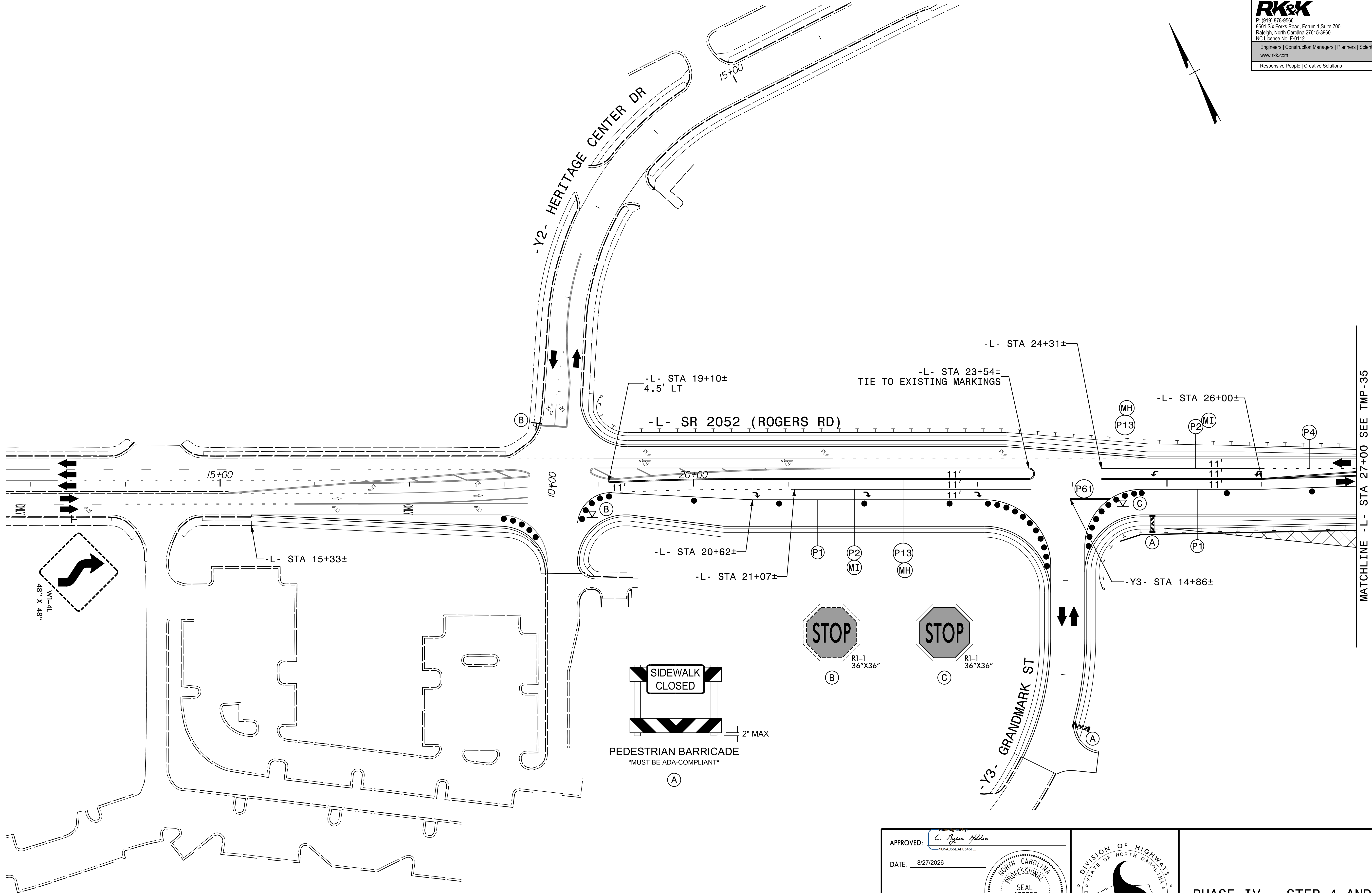


PHASE IV - STEP 3



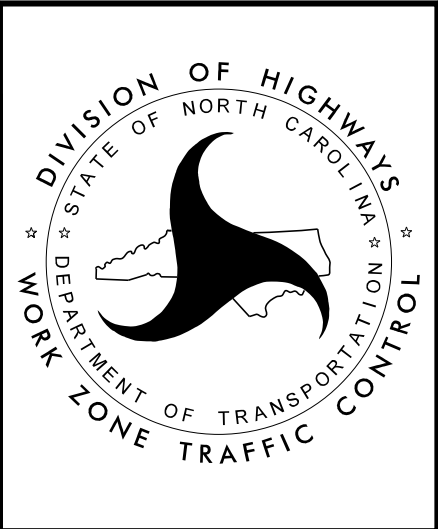
SECTION M-M

APPROVED: <i>C. Byron Holden</i> DATE: 8/27/2026 SEAL DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	SEAL NORTH CAROLINA PROFESSIONAL ENGINEER C. BYRON HOLDEN SEAL 033753	SEAL DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	PHASE IV - STEP 3
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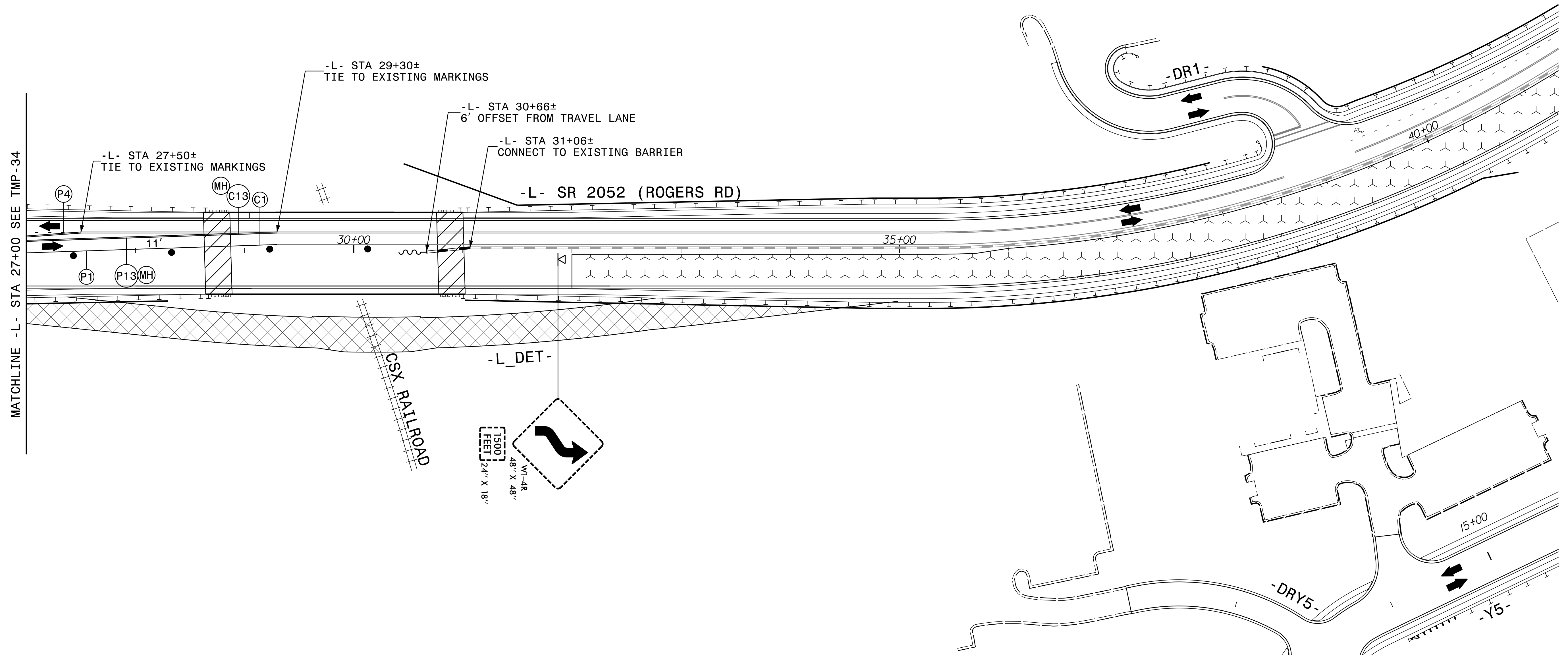


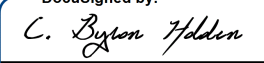
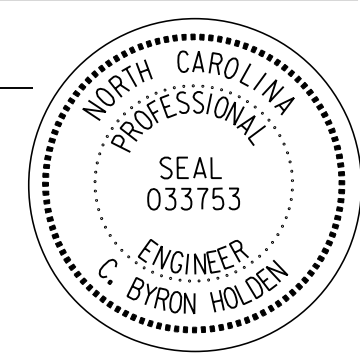
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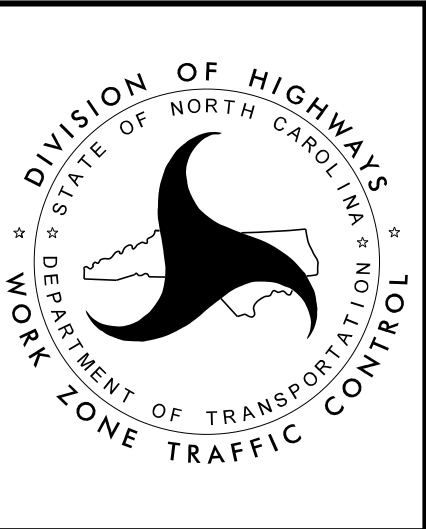
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DATE: 8/27/2026	
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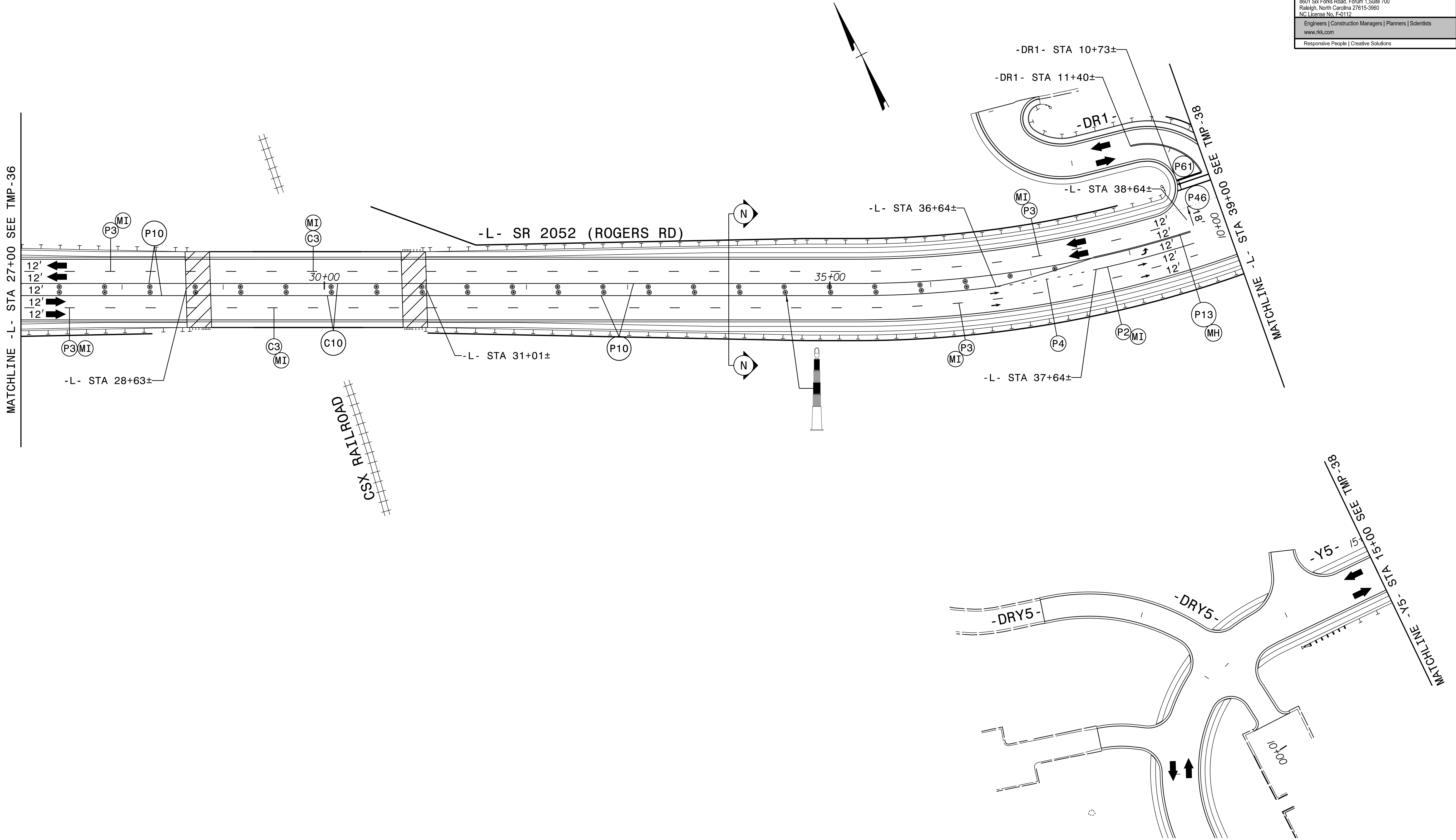
PHASE IV - STEP 4 AND 5



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PHASE IV - STEP 4 AND 5



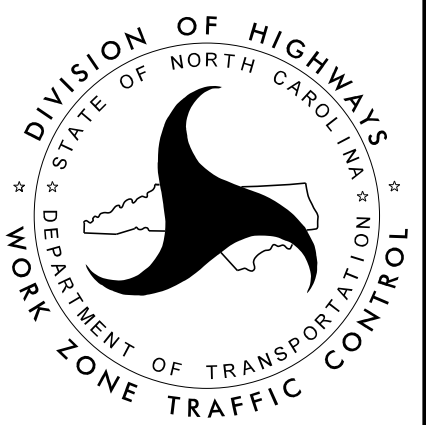
SEE TMP-37A FOR SECTION VIEW
ERECT PROPOSED SIGNS

APPROVED: *C. Byron Holden*
DATE: 8/27/2026

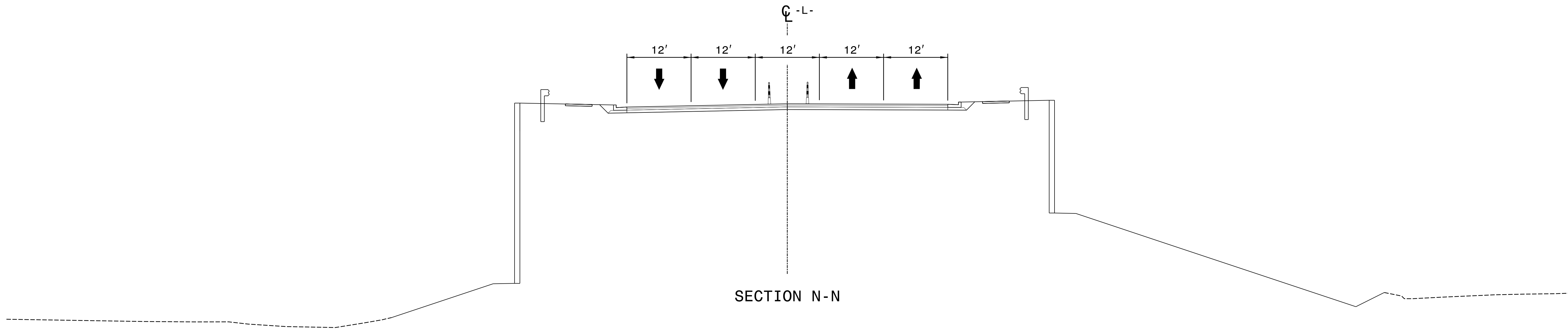
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033753
ENGINEER
C. BYRON HOLDEN

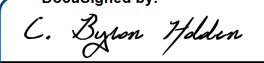
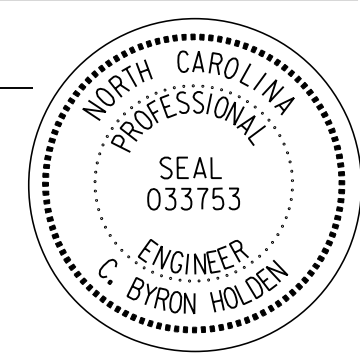
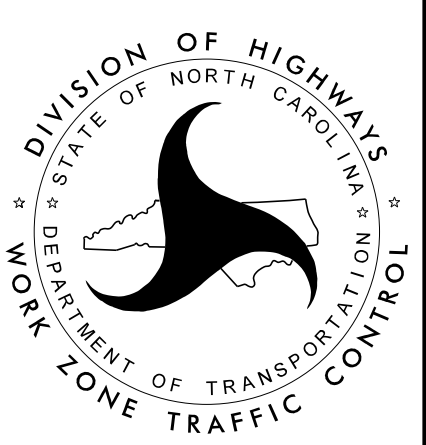
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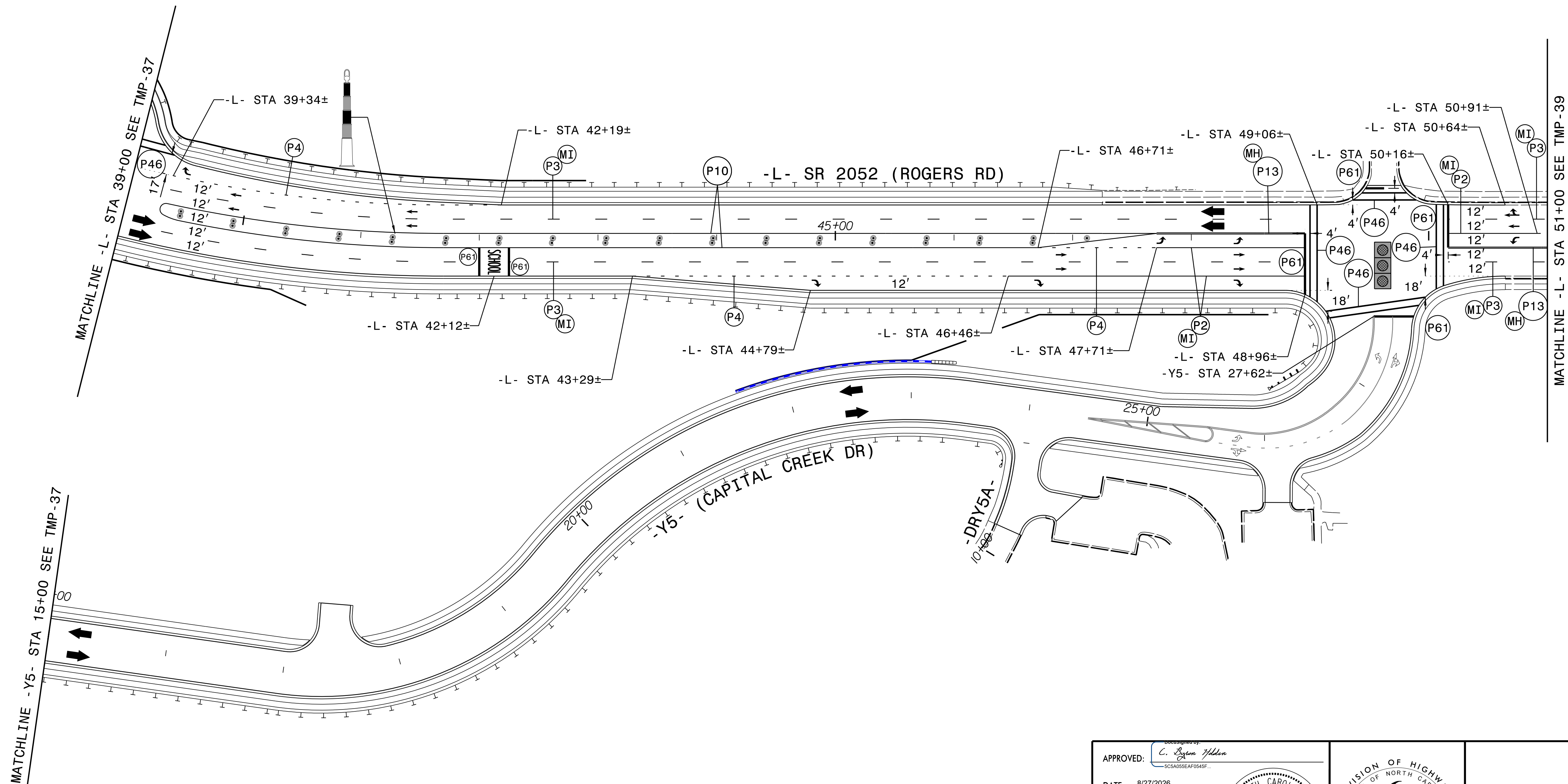


PHASE V - STEP 2



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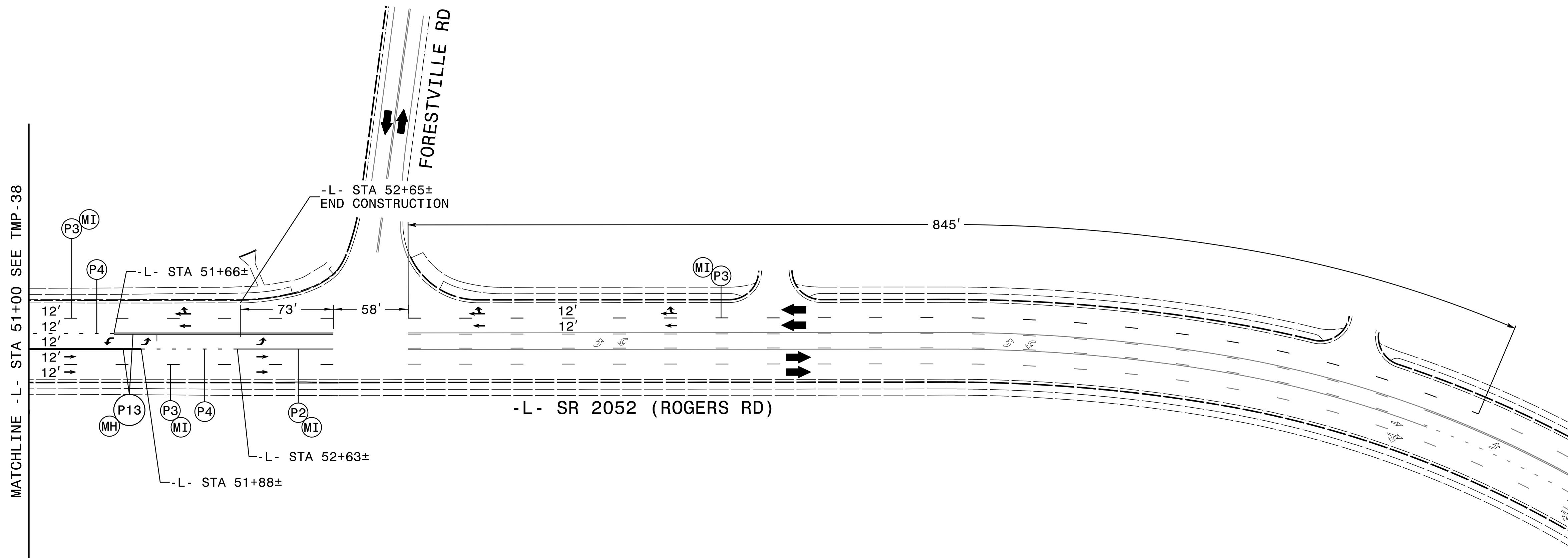


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SEAL
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

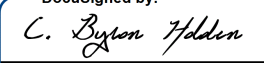


PHASE V - STEP 2

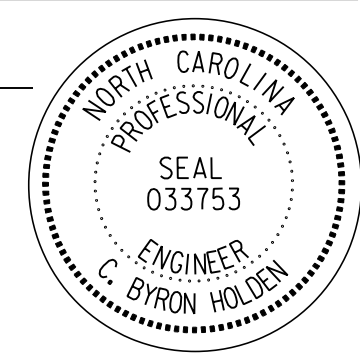


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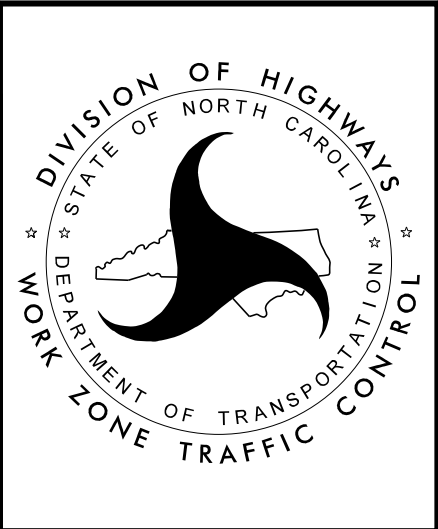
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PHASE V - STEP 2