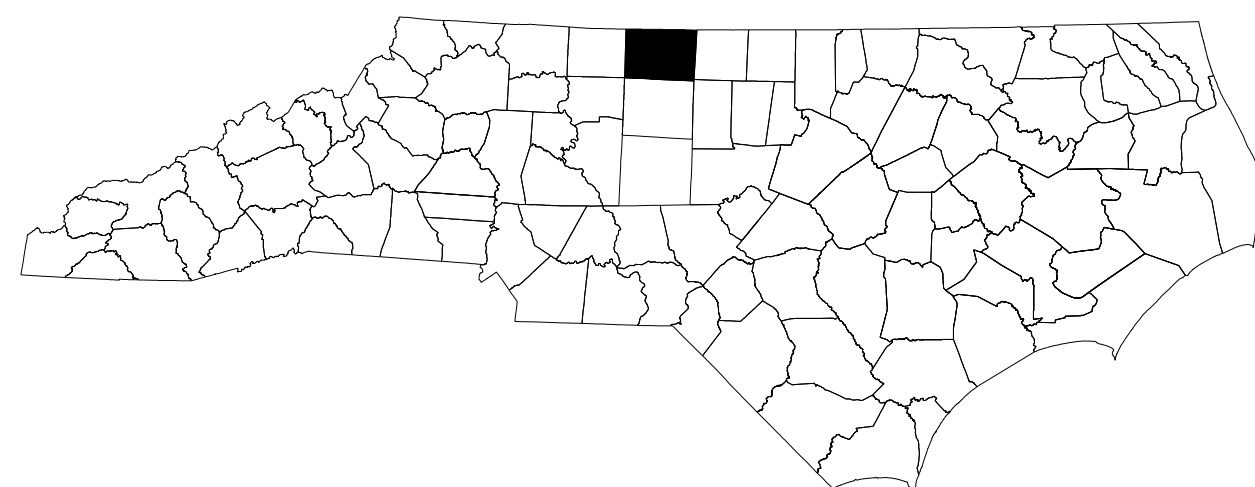


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

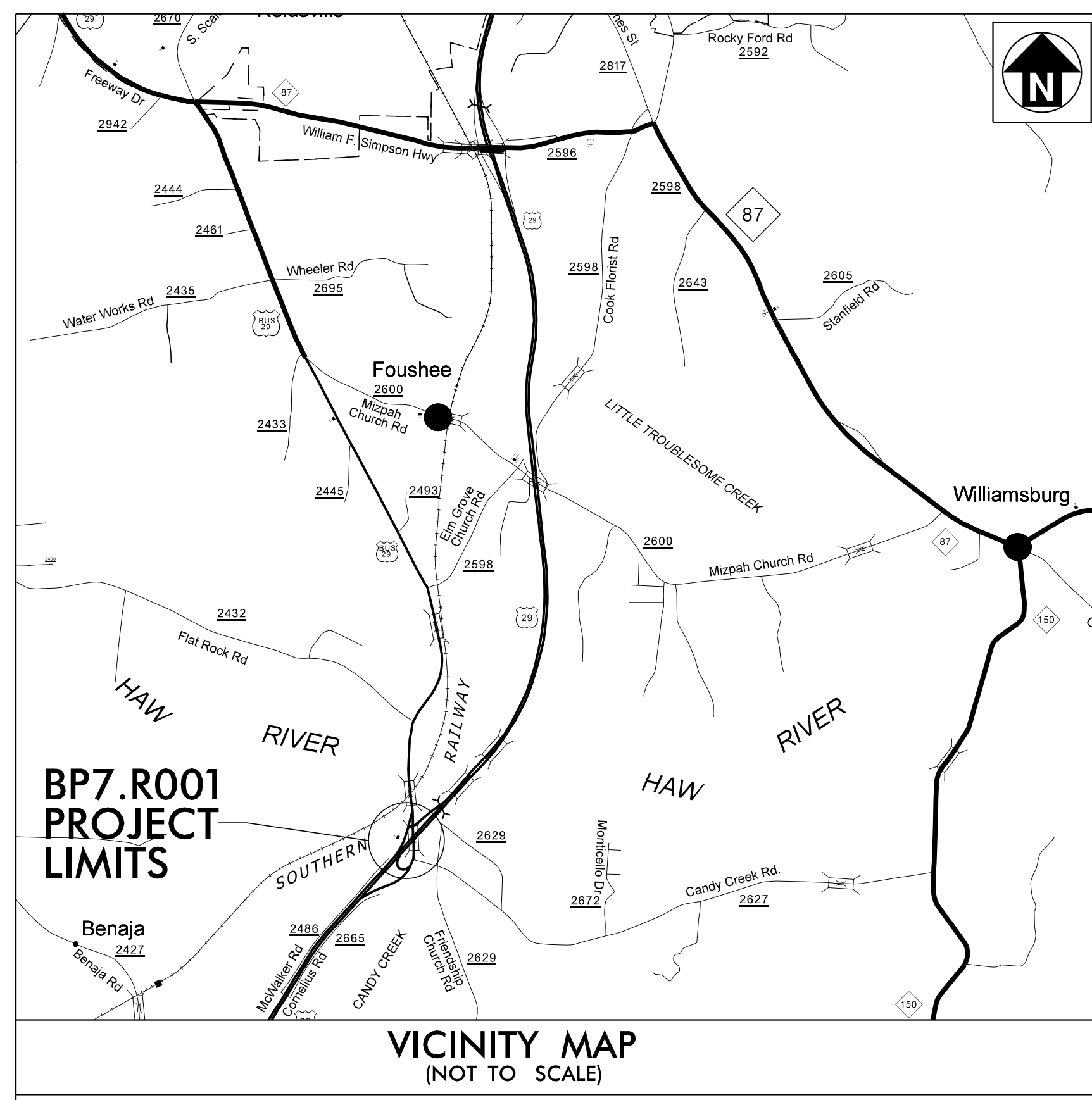
TRANSPORTATION MANAGEMENT PLAN

ROCKINGHAM COUNTY



LOCATION: BRIDGE #780023 OVER US 29 ON US 29 BUSINESS

TYPE OF WORK: GRADING, PAVING, DRAINAGE, STRUCTURE, AND RETAINING WALLS



VICINITY MAP
(NOT TO SCALE)

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 - 1C	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, AND GENERAL NOTES)
TMP-2	PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS
TMP-2A	TEMPORARY SHORING DATA
TMP-2B - 2F	OFF-SITE DETOURS
TMP-2G	SPECIAL SIGN DESIGN
TMP-3 - 3B	PHASING
TMP-4 - 5	PHASE I
TMP-6 - 7A	PHASE II STEPS 1 THRU 3
TMP-8 - 8A	PHASE II STEPS 4 AND 5
TMP-9 - 10	PHASE II STEP 6
TMP-11 - 12	PHASE III

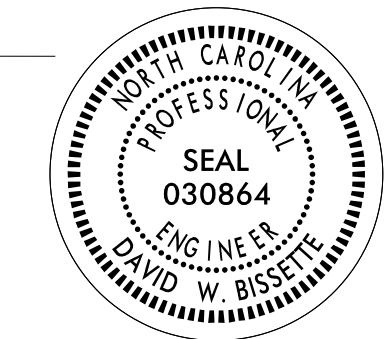
SHEET NO.
TMP-1

BP7.R001

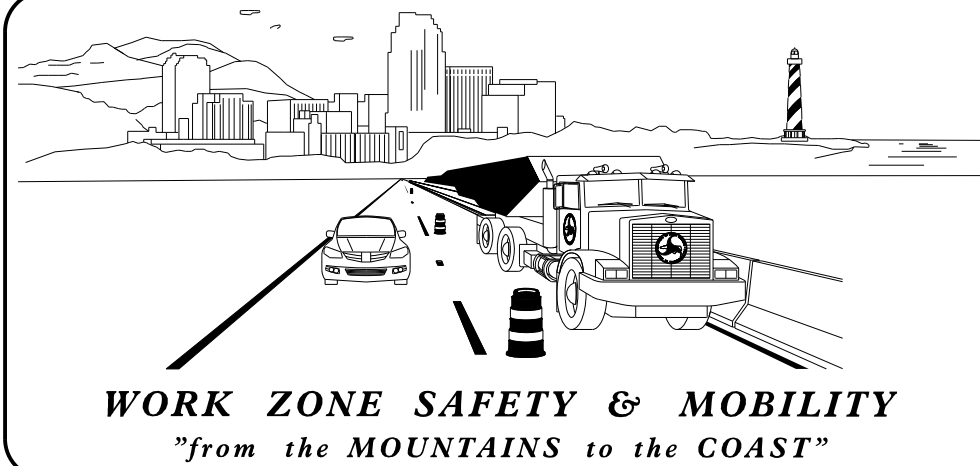
TIP PROJECT:

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APPROVED: *David Bissette*
DATE: 09-Mar-2026

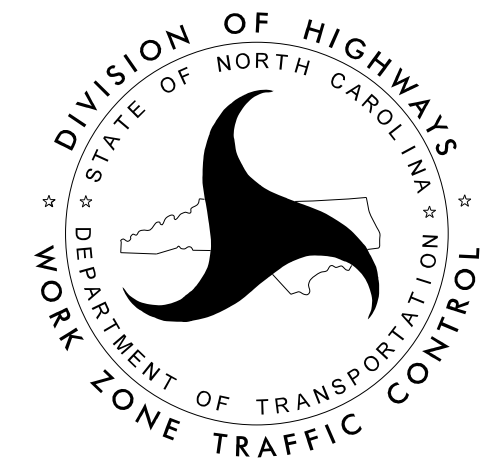


SEAL



PLANS PREPARED FOR THE NCDOT BY:
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DAVID W. BISSETTE, PE
PRINCIPAL PROJECT MANAGER

DANIEL DAGENHART, MS
NCDOT CONTACT



3/5/2026
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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
1130.01	DRUMS
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
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
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.
- TEMP. SHORING (LOCATION PURPOSES ONLY)
- WORK AREA

TRAFFIC CONTROL DEVICES

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

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

- CRYSTAL/CRYSTAL
- CRYSTAL/RED
- YELLOW/YELLOW

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

TEMPORARY PAVEMENT MARKING

- 4" PAINT
 - P1 WHITE EDGELINE
 - P2 WHITE SOLID LANE LINE
 - P4 3 FT - 9 FT/SP WHITE MINISKIP
 - P5 2 FT - 6 FT/SP WHITE MINISKIP
 - P10 YELLOW EDGELINE
 - P13 YELLOW DOUBLE CENTER
 - P14 2 FT - 6 FT/SP YELLOW MINISKIP
- 6" PAINT
 - P20 WHITE EDGELINE
 - P22 10 FT WHITE SKIP
 - P23 3 FT - 9 FT/SP WHITE MINISKIP
 - P30 YELLOW EDGELINE
 - P32 10 FT YELLOW SKIP
- 8" PAINT
 - P42 YELLOW DIAGONAL
- 12" PAINT
 - P50 WHITE GORELINE
- 24" PAINT
 - P61 WHITE STOPBAR
 - P103 YIELD LINE TRIANGLE

- SYMBOLS PAINT
 - LEFT TURN ARROW
 - MERGE ARROW

APPROVED: _____			ROADWAY STANDARD DRAWINGS & LEGEND
DATE: _____			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

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 User:iso-dgavrtlyuk

PLANS PREPARED FOR THE NCDOT BY:

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RALEIGH, NC 27604

M MOTT MACDONALD
NC LICENSE NO. F-0669

MANAGEMENT STRATEGIES

FULL ROADWAY CLOSURES
LANE SHIFTS OR CLOSURES
SHOULDER CLOSURES
ONE-LANE, TWO WAY OPERATION (FLAGGING)
RAMP CLOSURES
WEEKEND WORK
WORK HOUR RESTRICTIONS FOR PEAK TRAVEL
OFF-SITE DETOURS / USE OF ALTERNATIVE ROUTES
SEQUENTIAL LIGHTING

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

- M) PROVIDE TRAFFIC CONTROL FOR APPROPRIATE LANE CLOSURES FOR SURVEYING DONE BY THE DEPARTMENT.

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

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

ROAD NAME	DAY AND TIME RESTRICTIONS
US 29 BUSINESS	MONDAY THROUGH FRIDAY 7:00 AM to 9:00 AM 4:00 PM to 6:00 PM
US 29	MONDAY THROUGH FRIDAY 7:00 AM to 9:00 AM 4:00 PM to 6:00 PM

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

ROAD NAME
US 29 BUSINESS
US 29

HOLIDAY

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

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

- C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION AND OPERATION
US 29	MONDAY THRU SUNDAY 6:00 AM TO 12:00 AM	30 MIN OVERHEAD STRUCTURE WORK

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

LANE AND SHOULDER CLOSURE REQUIREMENTS

- E) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 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.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 10 FT OF AN OPEN TRAVEL LANE ON A DIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- H) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- I) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.
- J) DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON ANY ROAD.
- K) USE SEQUENTIAL FLASHING WARNING LIGHTS ON DRUMS USED FOR THE MERGING TAPERS OF NIGHTTIME LANE CLOSURES IN ACCORDANCE WITH SECTION 1140 IN THE STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
- L) NOTIFY THE NCDOT STATEWIDE TRANSPORTATION OPERATIONS CENTER (STOC) AT 877-627-7862 APPROXIMATELY 30 MINUTES PRIOR TO INSTALLING AND WITHIN 15 MINUTES AFTER REMOVING LANE CLOSURES ON INTERSTATES, FREEWAYS, CONTROLLED ACCESS FACILITIES, AND US ROUTES.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- N) 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.

- O) 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) (1500 FEET) IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

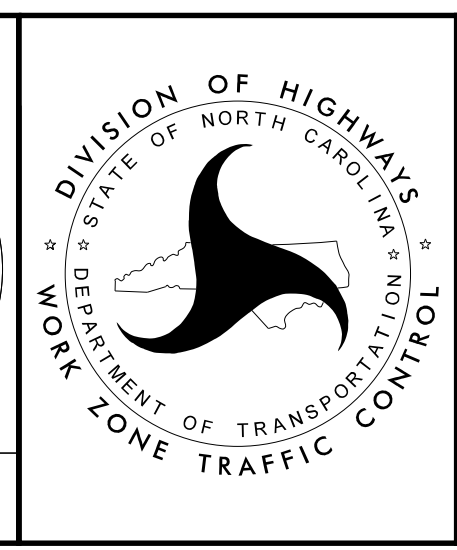
SIGNING

- Q) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- R) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.
- PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- S) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.
- COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.
- T) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- U) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) (1500 FEET) IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

APPROVED: *David Casette*
DATE: 09-MAR-2026

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TRANSPORTATION
OPERATIONS
PLAN

2/26/2026
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PROJ. REFERENCE NO.	SHEET NO.
BP7.R001	TMP-1C

PLANS PREPARED FOR THE NCDOT BY:

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M MOTT MACDONALD NC LICENSE NO. F-0669

GENERAL NOTES

TRAFFIC BARRIER

- V) 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.

- W) 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 MPH or HIGHER	30 FT

TRAFFIC CONTROL DEVICES

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

PAVEMENT MARKINGS AND MARKERS

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

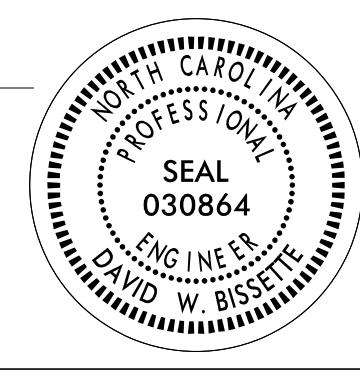
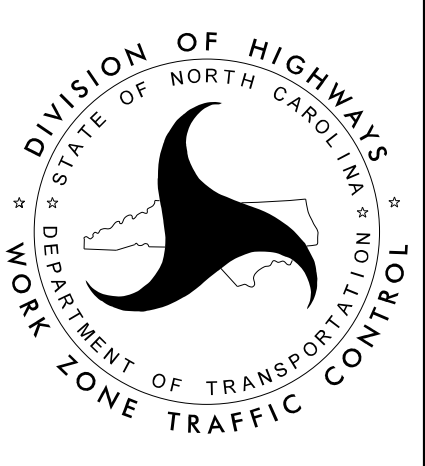
ROAD NAME	MARKING	MARKER
US 29 BUSINESS	PAINT	NONE
US 29	PAINT	NONE

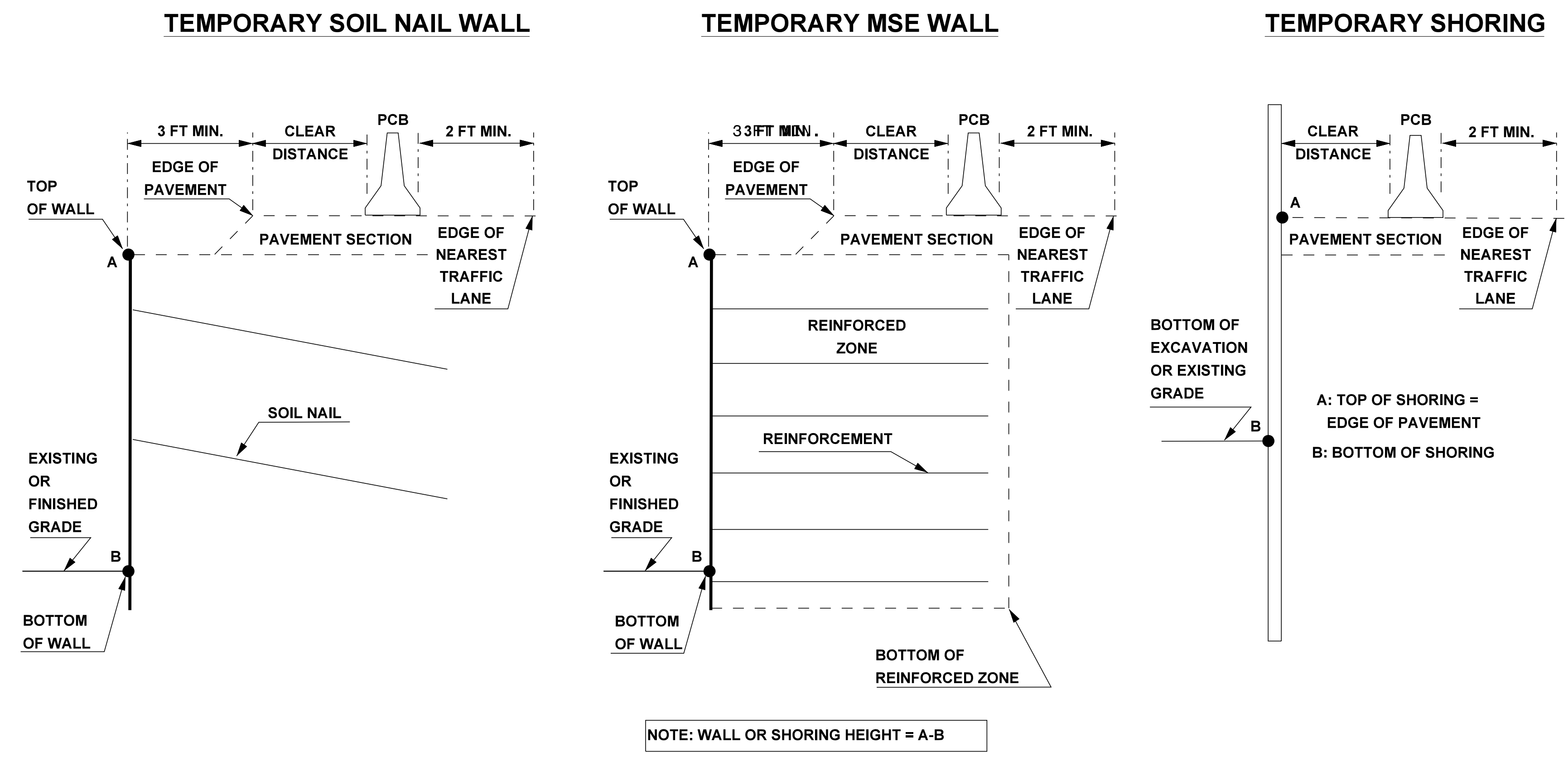
- BB) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
- CC) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- DD) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- EE) TRACE THE PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO INSTALLATION. PLACE DRUMS TO DELINEATE ANY MONOLITHIC ISLANDS BEFORE INSTALLATION.

MISCELLANEOUS

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

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<p>APPROVED: <i>David Bisette</i> 01F5041EA7684D1...</p> <p>DATE: 09-Mar-2026</p>			<h2 style="margin: 0;">TRANSPORTATION OPERATIONS PLAN</h2>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



NOTE: WALL OR SHORING HEIGHT = A-B

FIGURE A

NOTES

- REFER TO THE TRAFFIC CONTROL PLANS FOR TEMPORARY SHORING LOCATIONS AND NOTES.
- REFER TO THE "TEMPORARY SHORING" STANDARD PROVISION FOR INFORMATION ABOUT TEMPORARY SHORING AND PORTABLE CONCRETE BARRIER (PCB).
- 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).
- 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.
- 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.
- USE NCDOT PORTABLE CONCRETE BARRIER (PCB) IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1170.01 AND SECTION 1170 OF THE STANDARD SPECIFICATIONS.
- 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.
- 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.
- 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
	Concrete	44-50	31	35	41	43	46	49
		50-56	32	36	42	44	47	50
		>56	32	36	42	45	47	51
		<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
Anchored PCB	Asphalt	All Offsets	24 for All Design Speeds					
		Concrete (including bridge approach slabs)	All Offsets	12 for All Design Speeds				

* See Figure Below

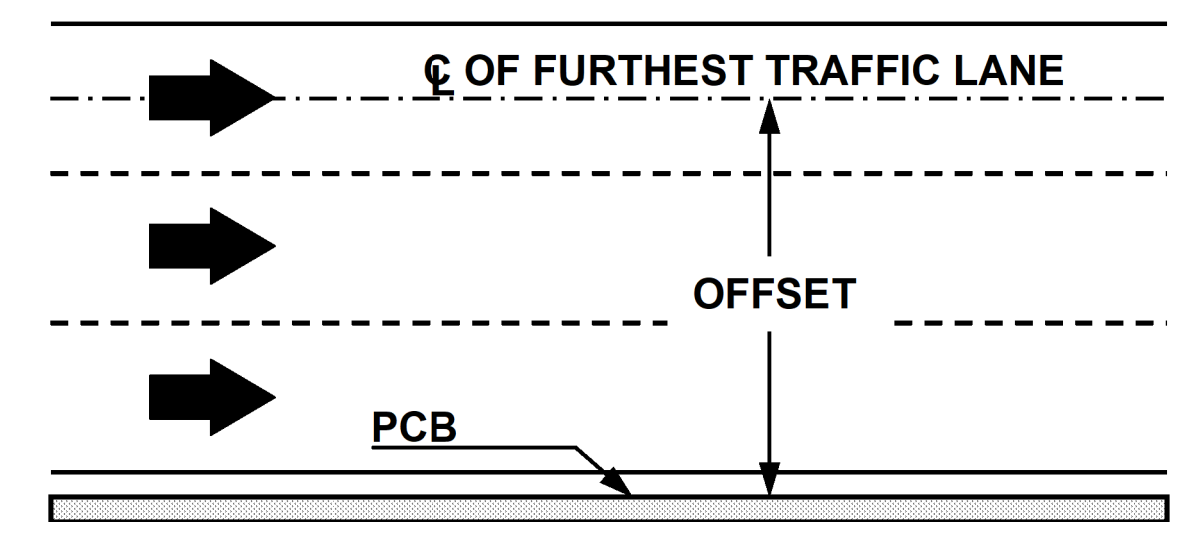


FIGURE B

APPROVED: <i>David Bisette</i> DATE: 09-Mar-2026		
PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS		
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

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PROJ. REFERENCE NO.	SHEET NO.
BP7 - R001	TMP - 2A

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD I & E, LLC
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604

M MOTT MACDONALD
NC LICENSE NO. F-0669

TEMPORARY SHORING DATA

TEMPORARY SHORING LOCATION NO.1 (SEE SHEET TMP-8)

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 -L- STATION 20+10, 39' LT TO 20+52, 39' LT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT (γ) = 120 LB/CF
- FRICTION ANGLE (ϕ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 668 FT

DO NOT USE CANTILEVER, BRACED, OR ANCHORD SHORING FOR TEMPORARY SHORING FROM -L- STATION 20+10, 39' LT TO 20+52, 39' LT.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STATION 20+10, 39' LT TO STATION 20+52, 39' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

TEMPORARY SHORING LOCATION NO.2 (SEE SHEET TMP-6 AND 8)

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 -L- STATION 22+72, 35' LT TO 23+31, 35' LT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT (γ) = 120 LB/CF
- FRICTION ANGLE (ϕ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 668 FT

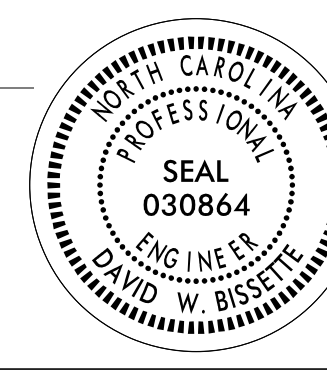
DO NOT USE CANTILEVER, BRACED, OR ANCHORD SHORING FOR TEMPORARY SHORING FROM -L- STATION 22+72, 35' LT TO 23+31, 35' LT.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STATION 22+72, 35' LT TO STATION 23+31, 35' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

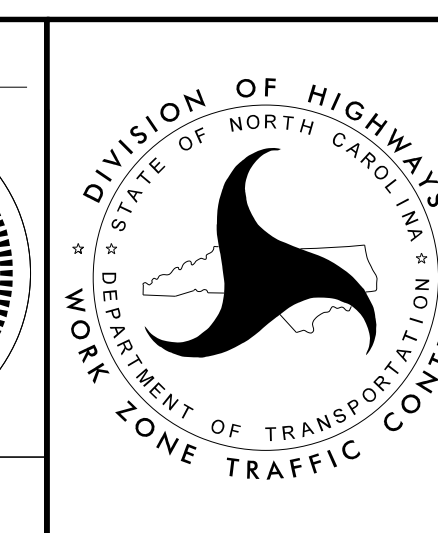
THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM FALCON ENGINEERING. THE DOCUMENT WAS SUBMITTED TO MOTT MACDONALD ON FEBRUARY 17, 2026 AND SEALED BY A PROFESSIONAL ENGINEER, JEREMY R. HAMM, PE ,LICENSE # 039779.

APPROVED: David Bissette
01F5041EA7684D1

DATE: 09-Mar-2026



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**TEMPORARY TRAFFIC CONTROL
TEMPORARY SHORING DATA**

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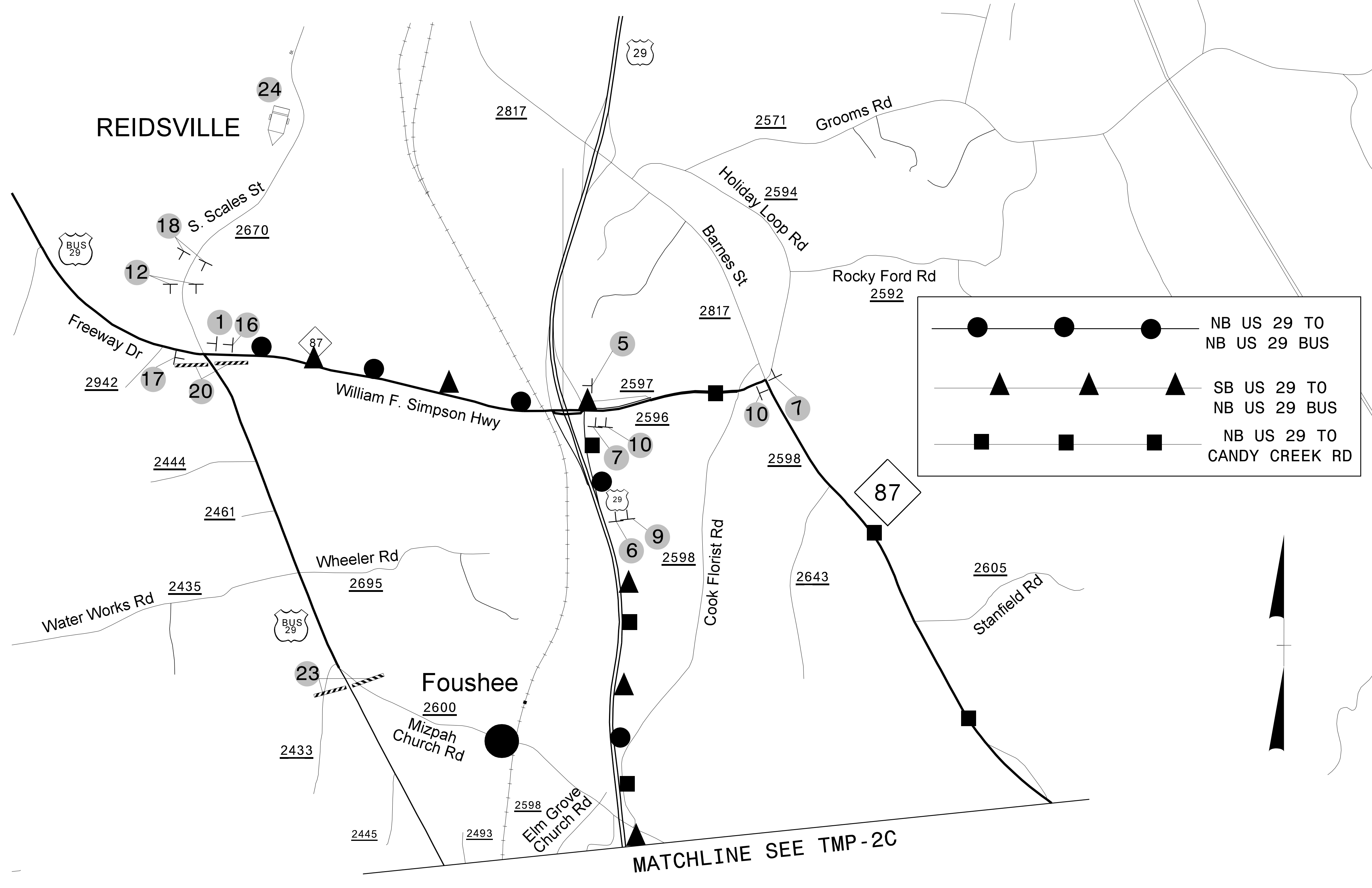
PROJ. REFERENCE NO.	SHEET NO.
BP7.R001	TMP-2B

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD I & E, LLC
 1101 HAYNES STREET, SUITE 101
 RALEIGH, NC 27604

M MOTT MACDONALD
 NC LICENSE NO. F-0669

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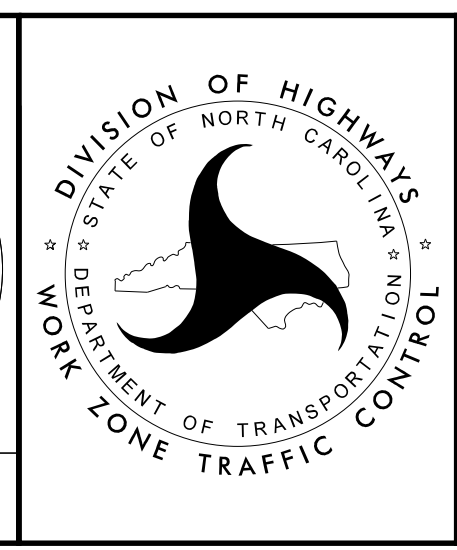
			NB US 29 TO NB US 29 BUS
			SB US 29 TO NB US 29 BUS
			NB US 29 TO CANDY CREEK RD

MATCHLINE SEE TMP-2C

APPROVED: *David Bisette*
 DATE: 09-Mar-2026

Professional Engineer Seal: David W. Bisette, License No. 030864, State of North Carolina.

**DOCUMENT NOT CONSIDERED FINAL
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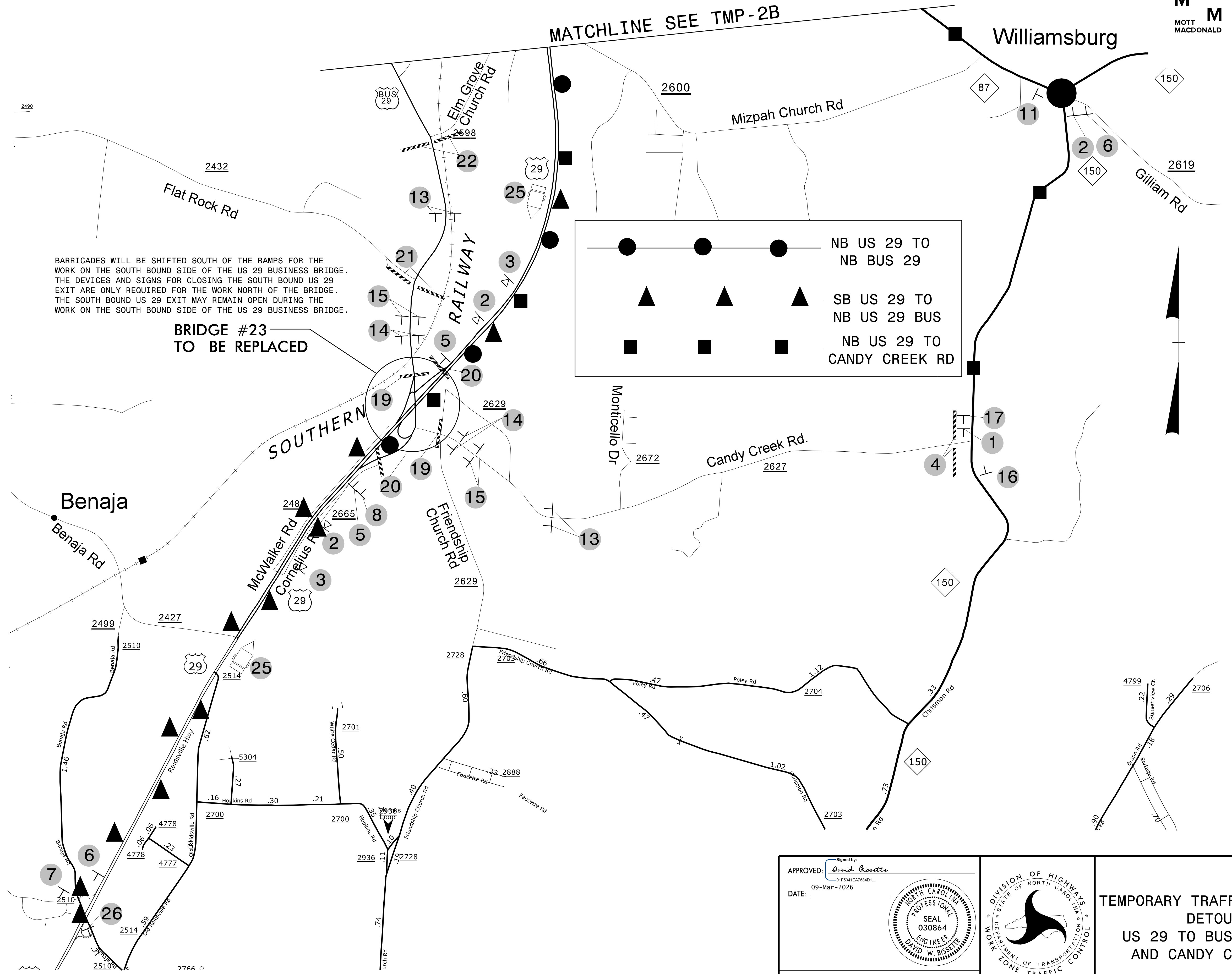
**TEMPORARY TRAFFIC CONTROL
 DETOUR
 US 29 TO BUSINESS 29
 AND
 CANDY CREEK RD**

PROJ. REFERENCE NO.	SHEET NO.
BP7.R001	TMP-2C

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD & E, LLC
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604
NC LICENSE NO. F-0669

2/26/2026
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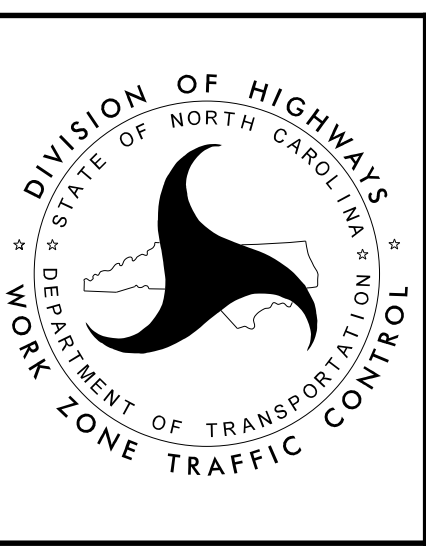


APPROVED: *David Bissette*
DATE: 09-Mar-2026

Signed by: *David Bissette*
01F5041EA7084D1

SEAL 030864
ENGINEER
DAVID W. BISSETTE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL DETOUR
US 29 TO BUSINESS 29 AND CANDY CREEK RD

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★ SEE SHEET TMP-2G FOR SPECIAL SIGN

PROJ. REFERENCE NO.	SHEET NO.
BP7.R001	TMP-2D

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD I & E, LLC
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604
NC LICENSE NO. F-0669

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MESSAGE NO. 1	MESSAGE NO. 2
BUS 29 CLOSED	FOLLOW POSTED DETOUR

CHANGEABLE MESSAGE SIGN

25

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 145 CLOSED	FOLLOW DETOUR

CHANGEABLE MESSAGE SIGN

26

APPROVED: David Bisette
DATE: 09-Mar-2026

SEAL

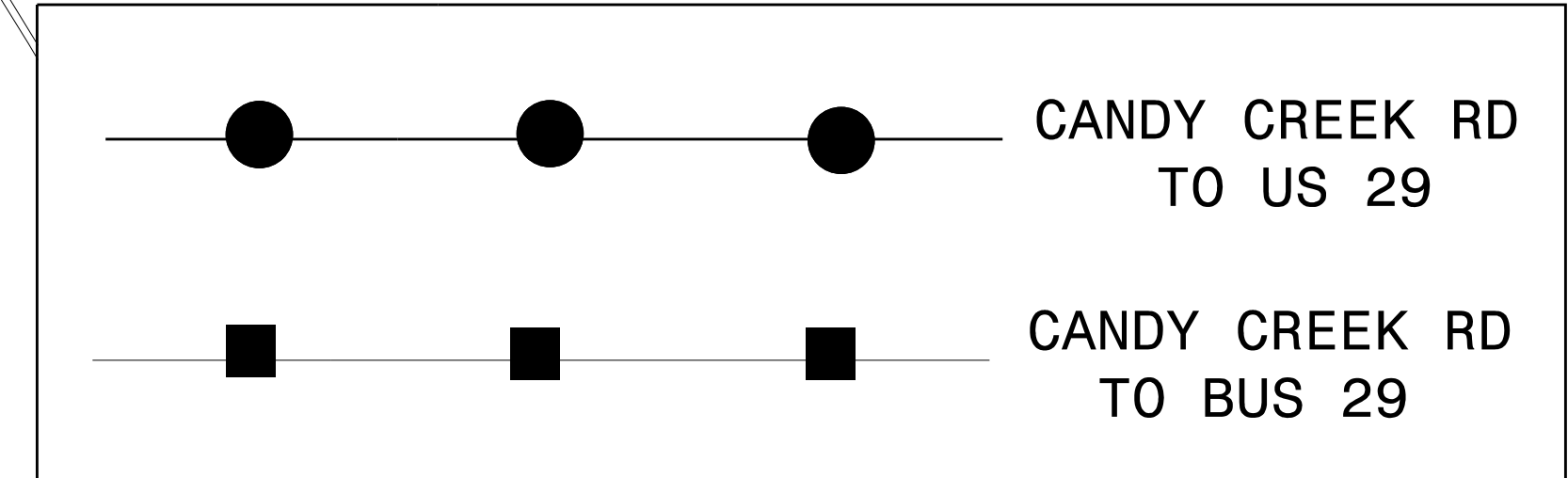
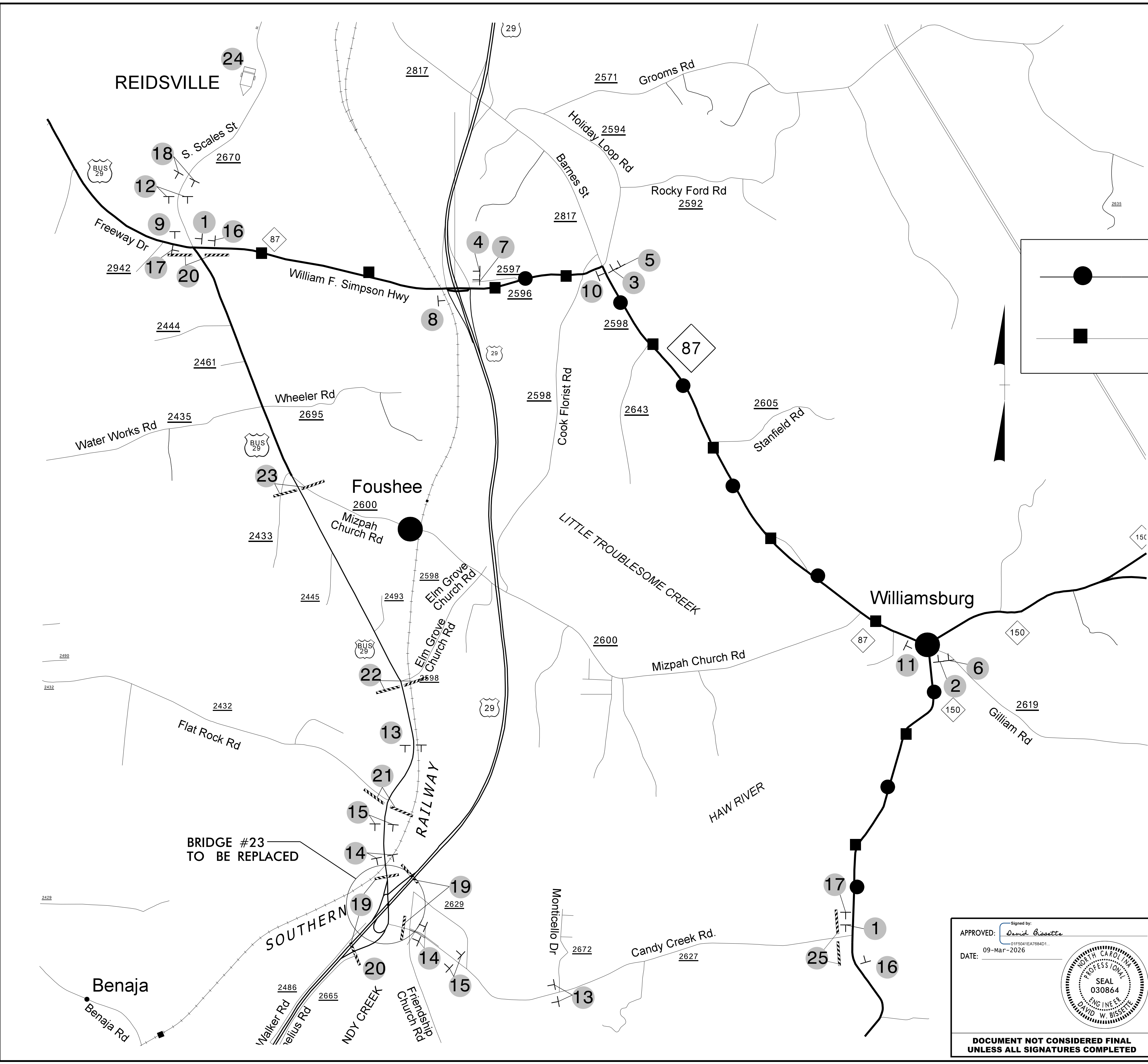
TEMPORARY TRAFFIC CONTROL
DETOUR
US 29 TO BUSINESS 29
AND
CANDY CREEK RD

PROJ. REFERENCE NO.	SHEET NO.
BP7.R001	TMP-2E

PLANS PREPARED FOR THE NCDOT BY:

M
MOTT MACDONALD
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604
NC LICENSE NO. F-0669

2/26/2026
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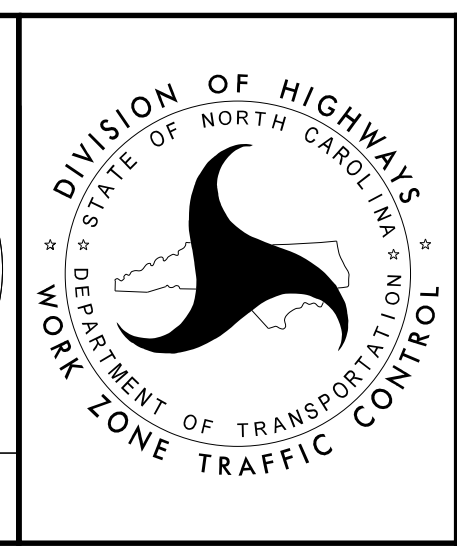


BRIDGE #23 TO BE REPLACED

APPROVED: *David Bisette*
 DATE: 09-Mar-2026

SEAL 030864
 ENGINEER
 DAVID W. BISSETTE

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



**TEMPORARY TRAFFIC CONTROL
 DETOUR
 BUS 29 TO
 CANDY CREEK RD AND CANDY
 CREEK RD TO
 TO US 29**

★ SEE SHEET TMP-2G FOR SPEC

PROJ. REFERENCE NO.	SHEET NO.
BP7.R001	TMP-2F

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD I & E, LLC
 1101 HAYNES STREET, SUITE 101
 RALEIGH, NC 27604
M NC LICENSE NO. F-0669

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1 END DETOUR M4-8 A 24" X 18"

2 DETOUR M4-8 24" X 12"
 TO M4-5 24" X 12"
 29 M1-4
 ↙ M5-2 21" X 15"

3 DETOUR M4-8 24" X 12"
 TO M4-5 24" X 12"
 29 M1-4
 ← M6-1 L 21" X 15"

4 DETOUR M4-8 24" X 12"
 TO M4-5 24" X 12"
 BUSINESS M4-3 24" X 12"
 29 M1-4
 ↑ M6-3 21" X 15"

5 DETOUR M4-8 24" X 12"
 TO M4-5 24" X 12"
 BUSINESS M4-3 24" X 12"
 29 M1-4
 ← M6-1 L 21" X 15"

6 DETOUR M4-8 24" X 12"
 TO M4-5 24" X 12"
 BUSINESS M4-3 24" X 12"
 29 M1-4
 ↙ M5-2 21" X 15"

7 END DETOUR M4-8 A 24" X 18"
 29 M1-4

8 DETOUR M4-8 24" X 12"
 TO M4-5 24" X 12"
 * CANDY CREEK RD SP
 ↑ M6-3 21" X 15"

9 DETOUR M4-8 24" X 12"
 TO M4-5 24" X 12"
 * CANDY CREEK RD SP
 ← M6-1 L 21" X 15"

10 DETOUR M4-8 24" X 12"
 * CANDY CREEK RD SP
 → M6-1 21" X 15"

11 DETOUR M4-8 24" X 12"
 * CANDY CREEK RD SP
 ↗ M5-2 R 21" X 15"

12 DETOUR AHEAD W20-2 48" X 48"

13 ROAD CLOSED AHEAD W20-3 48" X 48"

14 ROAD CLOSED 500 FT W20-3 48" X 48"

15 ROAD CLOSED 1000 FT W20-3 48" X 48"

16 ROAD CLOSED AHEAD W20-3 48" X 48"
 NEXT LEFT SP-4L 42" X 12"

17 ROAD CLOSED AHEAD W20-3 48" X 48"
 NEXT RIGHT SP-4R 42" X 12"

18 ROAD CLOSED AHEAD W20-3 48" X 48"
 3.9 MILES W16-3P 24" X 24"

19 ROAD CLOSED R11-2 48" X 30"
 TYPE III BARRICADE(S)

20 ROAD CLOSED R11-2 48" X 30"
 DETOUR M4-10L 48" X 18"
 TYPE III BARRICADE

21 ROAD CLOSED R11-3 60" X 30"
 0.4 MILES AHEAD LOCAL TRAFFIC ONLY
 TYPE III BARRICADE

22 ROAD CLOSED R11-3 60" X 30"
 0.9 MILES AHEAD LOCAL TRAFFIC ONLY
 TYPE III BARRICADE

23 ROAD CLOSED R11-3 60" X 30"
 2.1 MILES AHEAD LOCAL TRAFFIC ONLY
 TYPE III BARRICADE

24 MESSAGE NO. 1: BUS 29 CLOSED
 MESSAGE NO. 2: FOLLOW POSTED DETOUR
 CHANGEABLE MESSAGE SIGN

25 ROAD CLOSED R11-2 48" X 30"
 DETOUR M4-10R 48" X 18"
 TYPE III BARRICADE

APPROVED: *David Bisette*
 DATE: 09-Mar-2026
 SEAL
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TEMPORARY TRAFFIC CONTROL
 DETOUR
 BUS 29 TO
 CANDY CREEK RD AND CANDY
 CREEK RD TO
 TO US 29

PHASING

PHASE I

STEP 1. USING RSD 1101.01 SHEETS 1 AND 3 OF 3, INSTALL THE WORK ZONE ADVANCE WARNING SIGNS

STEP 2. USING ROADWAY STANDARD DRAWING 1101.02 SHEET 4 OF 19 AND 1101.04 SHEETS 1 AND 2 OF 2, CLOSE THE SHOULDERS WITH PORTABLE CONCRETE BARRIER IN THE FOLLOWING LOCATIONS:

- INSTALL 540 OF PORTABLE CONCRETE BARRIER FROM STA 18+95+/- TO STA 24+35+/- MEDIAN SHOULDER RIGHT OF -Y-
- INSTALL 630 OF PORTABLE CONCRETE BARRIER FROM STA 26+42+/- TO STA 20+12+/- MEDIAN SHOULDER LEFT OF -Y-
- INSTALL 450 OF PORTABLE CONCRETE BARRIER FROM STA 27+34+/- TO STA 22+84+/- OUTSIDE SHOULDER LEFT OF -Y-
- INSTALL 293 OF PORTABLE CONCRETE BARRIER FROM STA 22+93+/- TO STA 25+86+/- OUTSIDE SHOULDER RIGHT OF -Y-
- INSTALL TEMPORARY CRASH CUSHION ON THE APPROACH END OF EACH RUN OF PORTABLE CONCRETE BARRIER

STEP 2. WORKING BEHIND PORTABLE CONCRETE BARRIER, BEGIN THE FOLLOWING:

- CONSTRUCTION OF INTERIOR BENT 1 -L- STA. 22+03
- SINGLE FACE PRECAST CONCRETE BARRIER RAIL FROM -Y- STA. 22+05+/- TO STA. 23+32+/-
- GUARDRAIL ATTENUATORS, GUARDRAIL AND STRUCTURE ANCHOR UNITS -Y- STA. 21+62+/- TO STA. 23+75+/-
- PAVED SHOULDER FROM -Y- STA. 22+05+/- TO STA. 23+32+/-
- INSTALLATION OF 18" RCP-III FROM STR 433 TO STR 432
- INSTALLATION OF 18" RCP-III FROM STR 432 TOWARDS STR 431
- CONSTRUCTION OF 2 GRATE INLET STR 433
- CONSTRUCTION OF 2 GRATE INLET STR 432

STEP 3. WORKING AWAY FROM TRAFFIC AND USING ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 19, BEGIN THE FOLLOWING:

- INSTALLATION OF 18" RCP-IV FROM STR 419 TO STR 417
- INSTALLATION OF 18" RCP-IV FROM STR 417 TO STR 418
- INSTALLATION OF 18" RCP-IV FROM STR 417 TO STR 416
- CONSTRUCTION OF TRAFFIC BEARING 2 GRATE INLET STR 417

USING ROADWAY STANDARD DRAWING 1101.02 SHEET 4 AND 10 OF 19 AND WORKING BEHIND PORTABLE CONCRETE BARRIER, BEGIN THE FOLLOWING:

- REMOVE THE EXISTING GUARDRAIL RIGHT OF -Y- STA. 23+15+/- TO STA. 25+37+/-
- INSTALLATION OF 36" RCP-III FROM OUTLET TO STR 434
- INSTALLATION OF 30" RCP-III FROM STR 434 TO STR 430
- INSTALLATION OF 30" RCP-III FROM STR 430 TO STR 429
- INSTALLATION OF 30" RCP-III FROM STR 429 TO STR 428
- INSTALLATION OF 30" RCP-III FROM STR 428 TO STR 427
- TRENCHLESS INSTALLATION OF 24" WELDED STEEL FROM STR 427 TO STR 460
- INSTALLATION OF 18" TEMPORARY ALTERNATE FROM TBDI W/SLAB LID TO STR 427
- CONSTRUCTION OF 2 GRATE INLET-A STR 434
- CONSTRUCTION OF 2 GRATE INLET-A STR 430
- CONSTRUCTION OF 2 GRATE INLET-A STR 429
- CONSTRUCTION OF 2 GRATE INLET-A STR 428
- CONSTRUCTION OF TBDI W/SLAB LID
- CONSTRUCTION OF 2 GRATE INLET-A STR 427
- CONSTRUCTION OF 2 GRATE INLET STR 460
- REMOVE OR PLUG AND FILL EXISTING PIPES AS SHOWN IN THE ROADWAY PLANS

STEP 4. WORKING AWAY FROM TRAFFIC AND USING ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 19, COMPLETE THE FOLLOWING:

- TRENCHLESS INSTALLATION OF 36" WELDED STEEL FROM OUTLET TO STR 421
- TRENCHLESS INSTALLATION OF 30" WELDED STEEL FROM STR 424 TO STR 423
- CONSTRUCTION OF BASE DITCH FROM STR 421 TO STR 424
- CONSTRUCTION OF HEADWALL STR 421
- CONSTRUCTION OF 4 SIDE OPEN THROAT CATCH BASIN STR 423
- REMOVAL OR PLUGGING AND FILLING OF EXISTING PIPES WITH FLOWABLE FILL AS SHOWN IN THE ROADWAY PLANS

INTERMEDIATE CONTRACT TIME: THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEP 5 AND 6 IN NOT MORE THAN TWO WORK PERIODS BETWEEN THE HOURS OF 7:00 PM FRIDAY NIGHT AND 6:00 AM MONDAY MORNING. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 5. USING RSD 1101.02 SHEET 12 OF 19, RSD 1101.03 SHEETS 1 AND 2 OF 9, AND SHEETS TMP-2B THRU TMP-2F, CLOSE AND DETOUR US 29 BUSINESS, THE NORTH BOUND EXIT RAMP FROM US 29 TO US 29 BUSINESS, AND CANDY CREEK ROAD AT US 29 BUSINESS.

STEP 6. WORKING WITHIN THE ROAD CLOSURE, COMPLETE THE FOLLOWING:

- REMOVE THE EXISTING CONCRETE PAVEMENT IN THE FOLLOWING LOCATIONS:
 - FROM -L- STA. 13+70+/- TO -L- STA. 16+50+/- NORTH AND SOUTH BOUND LANES
 - FROM -L- STA. 16+50+/- TO -L- STA. 18+50+/- NORTH BOUND LANE
 - CANDY CREEK ROAD FROM THE EDGE OF -L- TO THE BACK OF THE RADII
- REMOVE THE EXISTING MONOLITHIC ISLAND IN THE FOLLOWING LOCATIONS:
 - FROM -L- STA. 13+70+/- TO -L- STA. 15+35+/-
 - FROM -L- STA. 16+15+/- TO -L- STA. 19+85+/-
- INSTALLATION OF 18" WITH ELBOWS FROM STR 404 TO STR 403
- INSTALLATION OF 18" RCP-III FROM STR 403 TO STR 402
- INSTALLATION OF 18" RCP-III FROM STR 402 TO STR 401
- CONSTRUCTION OF CATCH BASIN STR 403
- CONSTRUCTION OF CATCH BASIN STR 402
- CONSTRUCTION OF TRAFFIC BEARING 2 GRATE INLET STR 401
- PLACE TEMPORARY PAVEMENT IN THE FOLLOWING LOCATIONS:
 - FROM -L- STA. 13+70+/- TO -L- STA. 16+50+/- NORTH AND SOUTH BOUND LANES INCLUDING THE AREA WHERE MONOLITHIC ISLAND WAS REMOVED
 - FROM -L- STA. 16+50+/- TO -L- STA. 18+50+/- NORTH BOUND LANE INCLUDING THE AREA WHERE MONOLITHIC ISLAND WAS REMOVED
 - FROM -L- STA. 18+50+/- TO -L- STA. 19+85+/- WHERE MONOLITHIC ISLAND WAS REMOVED
- USING TMP-6 PLACE TEMPORARY PAVEMENT MARKINGS IN THE FOLLOWING LOCATIONS:
 - FROM -L- STA. 13+70+/- TO -L- STA. 16+50+/- NORTH AND SOUTH BOUND LANES
 - FROM -L- STA. 16+50+/- TO -L- STA. 18+50+/- NORTH BOUND LANE
- PLACE DRUMS ON THE PAINTED ISLAND LOCATIONS AND REOPEN TO TRAFFIC

STEP 7. WORKING AWAY FROM TRAFFIC AND USING ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 19, COMPLETE THE FOLLOWING:

- CONSTRUCTION OF THE 2'-6" CURB AND GUTTER LEFT OF -L- FROM STA. 13+70+/- TO STA. 14+58+/-
- INSTALLATION OF 18" RCP-IV FROM FROM STR 419 TO STR 417
- INSTALLATION OF 18" RCP-IV FROM FROM STR 417 TOWARDS STR 418
- INSTALLATION OF 18" RCP-IV FROM FROM STR 417 TOWARDS STR 416
- CONSTRUCTION OF TRAFFIC BEARING 2 GRATE INLET STR 417

INTERMEDIATE CONTRACT TIME: THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEP 8 AND 9 IN NOT MORE THAN WORK PERIODS BETWEEN THE HOURS OF 7:00 PM FRIDAY NIGHT AND 6:00 AM MONDAY MORNING. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 8. USING RSD 1101.02 SHEET 12 OF 19, RSD 1101.03 SHEETS 1 AND 2 OF 9, AND SHEETS TMP-2B THRU TMP-2F, CLOSE AND DETOUR US 29 BUSINESS, THE NORTH BOUND EXIT RAMP FROM US 29 TO US 29 BUSINESS, THE SOUTH BOUND EXIT RAMP FROM US 29 TO US 29 BUSINESS, AND CANDY CREEK ROAD AT 29 BUSINESS.

STEP 9. WORKING WITHIN THE ROAD CLOSURE, COMPLETE THE FOLLOWING:

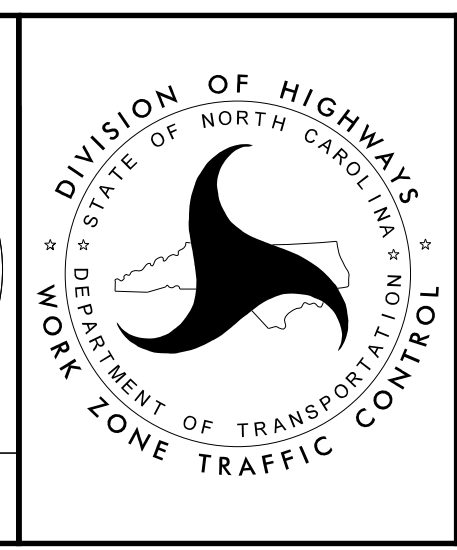
- REMOVE THE EXISTING CONCRETE PAVEMENT IN THE FOLLOWING LOCATIONS:
 - L- STA. 24+22+/- TO -L- STA. 25+25+/- NORTH BOUND LANE
 - L- STA. 25+25+/- TO -L- STA. 26+45+/- NORTH AND SOUTH BOUND LANES
 - L- STA. 26+45+/- TO -L- STA. 27+42+/- NORTH BOUND LANE
 - L- STA. 27+42+/- TO -L- STA. 32+50+/- NORTH AND SOUTH BOUND LANES
 - RPD- STA. 14+05+/- TO -RPA- STA. 13+98+/-
 - RPD- STA. 11+00+/- TO STA. 13+00+/-
 - RPA- STA. 10+25+/- TO STA. 13+22+/-
- REMOVE THE EXISTING MONOLITHIC ISLAND IN THE FOLLOWING LOCATIONS:
 - L- STA. 22+96+/- TO -L- STA. 23+98+/-
 - L- STA. 24+75+/- TO -L- STA. 30+30+/-
- INSTALLATION OF 18" RCP-IV FROM STR 417 TO STR 416
- INSTALLATION OF 18" RCP-V FROM STR 416 TO STR 415
- INSTALLATION OF 18" RCP-V FROM STR 415 TO TOWARDS STR 414
- CONSTRUCTION OF TRAFFIC BEARING 2 GRATE INLET STR 416
- CONSTRUCTION OF 2 GRATE INLET STR 415
- PLACE TEMPORARY PAVEMENT IN THE FOLLOWING LOCATIONS:
 - L- STA. 22+96+/- TO -L- STA. 23+98+/- WHERE MONOLITHIC ISLAND WAS REMOVED
 - L- STA. 24+22+/- TO -L- STA. 25+25+/- NORTH BOUND LANE INCLUDING WHERE MONOLITHIC ISLAND WAS REMOVED
 - L- STA. 25+25+/- TO -L- STA. 26+45+/- NORTH AND SOUTH BOUND LANES INCLUDING AREA WHERE MONOLITHIC ISLAND WAS REMOVED
 - L- STA. 26+45+/- TO -L- STA. 27+42+/- NORTH BOUND LANE INCLUDING WHERE MONOLITHIC ISLAND WAS REMOVED
 - L- STA. 27+42+/- TO -L- STA. 32+50+/- NORTH AND SOUTH BOUND LANES INCLUDING AREA WHERE MONOLITHIC ISLAND WAS REMOVED
 - RPD- STA. 14+05+/- TO -RPA- STA. 13+98+/-
 - RPD- STA. 11+00+/- TO STA. 13+00+/-
 - RPA- STA. 10+25+/- TO STA. 13+22+/-
- USING TMP-7 PLACE TEMPORARY PAVEMENT MARKINGS IN THE FOLLOWING LOCATIONS:
 - L- STA. 24+22+/- TO -L- STA. 25+25+/- NORTH BOUND LANE
 - L- STA. 25+25+/- TO -L- STA. 26+45+/- NORTH AND SOUTH BOUND LANES
 - L- STA. 26+45+/- TO -L- STA. 27+42+/- NORTH BOUND LANE
 - L- STA. 27+42+/- TO -L- STA. 32+50+/- NORTH AND SOUTH BOUND LANES
 - RPD- STA. 14+05+/- TO -RPA- STA. 13+98+/-
 - RPD- STA. 11+00+/- TO STA. 13+00+/-
 - RPA- STA. 10+25+/- TO STA. 13+22+/-
- PLACE DRUMS ON THE PAINTED ISLAND LOCATIONS AND REOPEN TO TRAFFIC

2/26/2026 2:01:10 PM User: rlsob-dblssette

APPROVED: *David Bisette*
01F5041EA7894D1L
DATE: 09-Mar-2026

SEAL
030864
ENGINEER
DAVID W. BISSETTE

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TEMPORARY TRAFFIC CONTROL PHASING

PHASING

PHASE II

- STEP 1. USING ROADWAY STANDARD DRAWING 1101.02 SHEETS 1 AND 4 OF 19 AND WORKING BEHIND PORTABLE CONCRETE BARRIER, BEGIN THE FOLLOWING:
- CONSTRUCTION OF MSE WALL LEFT OF -Y- FROM STA. 22+91+/- TO STA. 24+68+/-
 - CONSTRUCTION OF BRIDGE END BENT 2
 - INSTALLATION OF TEMPORARY SHORING LOCATION NO. 2
 - CONSTRUCTION OF THE PROPOSED ROADWAY SECTION FROM -L- STA. 23+18+/- TO STA. 32+50+/- (WEDGE AS NEEDED TO MAINTAIN TRAFFIC AND DRAINAGE):
 - INSTALLATION OF 18" RCP-V FROM STR 414 TO STR 412
 - INSTALLATION OF 18" RCP-V FROM STR 412 TO STR 411
 - INSTALLATION OF 18" RCP-V FROM STR 413 TO STR 414
 - CONSTRUCTION OF 2 2 GRATE INLET STR 414.
 - CONSTRUCTION OF 2 2 GRATE INLET STR 412.
 - CONSTRUCTION OF 2 2 GRATE INLET STR 411.
 - CONSTRUCTION OF 2 TRAFFIC BEARING 2 GRATE INLET STR 413.
- STEP 2. USING ROADWAY STANDARD DRAWING 1101.02 SHEET 4 AND 10 OF 19 AND WORKING BEHIND PORTABLE CONCRETE BARRIER, COMPLETE THE FOLLOWING:
- INSTALLATION OF 36" RCP-III FROM OUTLET TO STR 434
 - INSTALLATION OF 30" RCP-III FROM STR 434 TO STR 430
 - INSTALLATION OF 30" RCP-III FROM STR 430 TO STR 429
 - INSTALLATION OF 30" RCP-III FROM STR 429 TO STR 428
 - INSTALLATION OF 30" RCP-III FROM STR 428 TO STR 427
 - TRENCHLESS INSTALLATION OF 24" WELDED STEEL FROM STR 427 TO STR 460
 - INSTALLATION OF 18" TEMPORARY ALTERNATE FROM TBDI W/SLAB LID TO STR 427
 - CONSTRUCTION OF 2 GRATE INLET-A STR 434
 - CONSTRUCTION OF 2 GRATE INLET-A STR 430
 - CONSTRUCTION OF 2 GRATE INLET-A STR 429
 - CONSTRUCTION OF 2 GRATE INLET-A STR 428
 - CONSTRUCTION OF TBDI W/SLAB LID
 - CONSTRUCTION OF 2 GRATE INLET-A STR 427
 - CONSTRUCTION OF 2 GRATE INLET STR 460
 - REMOVE OR PLUG AND FILL EXISTING PIPES AS SHOWN IN THE ROADWAY PLANS
- STEP 3. USING ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 19, CLOSE THE SHOULDER RIGHT OF -L- FROM STA. 17+25+/- TO STA. 19+95+/- WITH PORTABLE CONCRETE BARRIER
- STEP 4. WORKING AWAY FROM TRAFFIC, USING RSD 1101.02 SHEETS 1 AND 4 OF 19, AND WORKING BEHIND PORTABLE CONCRETE BARRIER, BEGIN THE FOLLOWING:
- CONSTRUCTION OF THE PROPOSED ROADWAY SECTION FROM -L- STA. 13+70+/- TO STA. 21+20+/- (WEDGE AS NEEDED TO MAINTAIN TRAFFIC AND DRAINAGE)
 - INSTALLATION OF 18" TEMPORARY ALTERNATE FROM OUTLET RIGHT OF -Y- STA. 23+90+/- TO 407
 - INSTALLATION OF 18" RCP-III STR 407 TO 408.
 - INSTALLATION OF 18" RCP-III STR 408 TO 409.
 - INSTALLATION OF 18" RCP-III STR 408 TO 406.
 - INSTALLATION OF 18" RCP-III STR 406 TO 405.
 - CONSTRUCTION OF 2 GRATE INLET STR 407.
 - CONSTRUCTION OF 2 GRATE INLET STR 408.
 - CONSTRUCTION OF TRAFFIC BEARING 2 GRATE INLET STR 409.
 - CONSTRUCTION OF 2 GRATE INLET STR 406.
 - CONSTRUCTION OF 2 GRATE INLET STR 405.
 - CONSTRUCTION OF BRIDGE END BENT 1
 - INSTALLATION OF TEMPORARY SHORING LOCATION NO. 1
 - CONSTRUCTION OF MSE WALL RIGHT OF -Y- FROM STA. 21+35+/- TO STA. 22+71+/-
- STEP 5. WORKING BEHIND PORTABLE CONCRETE BARRIER, COMPLETE THE CONSTRUCTION OF BRIDGE INTERIOR BENT 1

- STEP 6. USING ROADWAY STANDARD DRAWING 1101.02 SHEET 4 OF 19 AND 1101.04 SHEET 1 OF 2, COMPLETE THE FOLLOWING:
- REMOVE THE PORTABLE CONCRETE BARRIER AND TEMPORARY CRASH CUSHIONS IN THE FOLLOWING LOCATIONS:
 - FROM STA 18+95+/- TO STA 24+35+/- MEDIAN SHOULDER RIGHT OF -Y-
 - FROM STA 26+42+/- TO STA 20+12+/- MEDIAN SHOULDER LEFT OF -Y-
 - REMOVE THE EXISTING MEDIAN SHOULDERS IN THE FOLLOWING LOCATIONS:
 - FROM -Y- STA 14+79+/- TO STA 29+58+/- MEDIAN SHOULDER RIGHT OF -Y-
 - FROM -Y- STA 16+35+/- TO STA 31+76+/- MEDIAN SHOULDER LEFT OF -Y-
 - CONSTRUCT TEMPORARY 8' WIDE SHOULDER FROM -Y- STA 14+79+/- TO STA 29+58+/- MEDIAN SHOULDER RIGHT OF -Y-
 - CONSTRUCT TEMPORARY 9' SHOULDER FROM -Y- STA 16+35+/- TO STA 31+76+/- MEDIAN SHOULDER LEFT OF -Y-
- STEP 7. USING ROADWAY STANDARD DRAWING 1101.02 SHEET 4 OF 19 AND 1101.04 SHEETS 1 AND 2 OF 2, CLOSE THE SHOULDERS WITH PORTABLE CONCRETE BARRIER IN THE FOLLOWING LOCATIONS:
- INSTALL 1,537' OF PORTABLE CONCRETE BARRIER FROM -Y- STA 15+04+/- TO STA 29+58+/- MEDIAN SHOULDER RIGHT OF -Y-
 - INSTALL 630 OF PORTABLE CONCRETE BARRIER FROM -Y- STA 16+35+/- TO STA 31+51+/- MEDIAN SHOULDER LEFT OF -Y-
 - INSTALL TEMPORARY CRASH CUSHION ON THE APPROACH END OF EACH RUN OF PORTABLE CONCRETE BARRIER
- STEP 8. USING ROADWAY STANDARD DRAWING 1101.02 SHEET 4 AND 10 OF 19, TMP-11, AND TMP-12, INSTALL TEMPORARY PAVEMENT MARKINGS IN THE FOLLOWING LOCATIONS:
- RIGHT OF -Y- FROM STA 14+79+/- TO STA 29+58+/-
 - LEFT OF -Y- FROM STA 16+35+/- TO STA 31+76+/-
- SHIFT TRAFFIC TO THE PATTERN SHOWN ON TMP-11 AND TMP-12

PHASE III

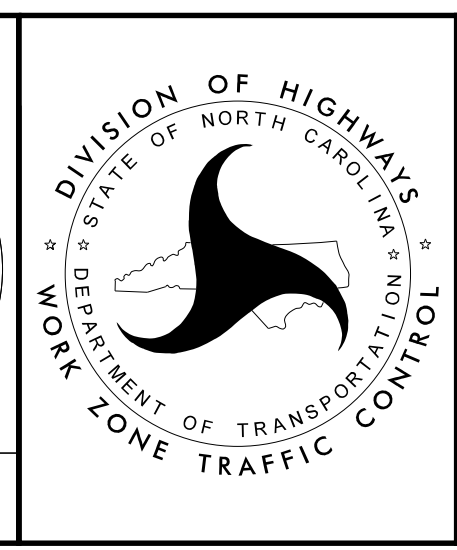
- STEP 1. USING ROADWAY STANDARD DRAWING 1101.02 SHEET 4 OF 19 AND 1101.04 SHEETS 1 AND 2 OF 2, COMPLETE THE FOLLOWING:
- REMOVE AND RESET THE TEMPORARY CRASH CUSHION AND THE PORTABLE CONCRETE BARRIER FROM THE OUTSIDE SHOULDER RIGHT OF -Y- FROM STA 22+93+/- TO STA 25+86+/- TO THE OUTSIDE SHOULDER RIGHT OF -Y- FROM STA 18+09+/- TO STA 21+02+/-.
 - EXTEND THE PORTABLE CONCRETE BARRIER FROM -Y- STA 21+02+/- TO -Y- STA 27+64+/-.
 - REMOVE AND RESET THE TEMPORARY CRASH CUSHION AND THE PORTABLE CONCRETE BARRIER FROM THE OUTSIDE SHOULDER LEFT OF -Y- FROM STA 27+34+/- TO STA 22+84+/- TO THE OUTSIDE SHOULDER LEFT OF -Y- FROM -Y- STA 19+65+/- TO STA 24+15+/-.
 - PORTABLE EXTEND THE CONCRETE BARRIER FROM STA 24+15+/- TO STA. 32+36+/-.
- STEP 2. USING ROADWAY STANDARD DRAWING 1101.02 SHEETS 1 AND 4 OF 19 AND WORKING BEHIND PORTABLE CONCRETE BARRIER, COMPLETE THE FOLLOWING:
- CONSTRUCTION OF MSE WALL RIGHT OF -Y- FROM STA. 21+35+/- TO STA. 22+71+/-
 - CONSTRUCTION OF MSE WALL LEFT OF -Y- FROM STA. 22+91+/- TO STA. 24+68+/-
 - CONSTRUCTION OF BRIDGE END BENT 1
 - CONSTRUCTION OF BRIDGE INTERIOR BENT 1
 - CONSTRUCTION OF BRIDGE END BENT 2
 - INSTALLATION OF TEMPORARY SHORING LOCATION NO. 1
 - INSTALLATION OF TEMPORARY SHORING LOCATION NO. 2

- STEP 3. USING ROADWAY STANDARD DRAWING 1101.02 SHEETS 1, 4, AND 10 OF 19 WORKING BEHIND PORTABLE CONCRETE BARRIER, STOPPING TRAFFIC UP TO 30 MINUTES FOR OVERHEAD WORK IN THE NORTH BOUND LANES, AND DETOURING TRAFFIC VIA THE EXIT AND ENTRANCE RAMP FOR OVERHEAD WORK IN THE SOUTH BOUND LANES, CONSTRUCT THE PROPOSED BRIDGE AND APPROACH SLABS FROM -L- STA. 20+80+/- TO STA. 23+18+/-
- STEP 4. WORKING AWAY FROM TRAFFIC, USING RSD 1101.02 SHEETS 1 AND 4 OF 19, AND WORKING BEHIND PORTABLE CONCRETE BARRIER, COMPLETE THE FOLLOWING:
- CONSTRUCTION OF THE FOLLOWING PROPOSED ROADWAY SECTIONS (WEDGE AS NEEDED TO MAINTAIN TRAFFIC AND DRAINAGE):
 - FROM -L- STA. 13+70+/- TO STA. 20+80+/-
 - FROM -L- STA. 23+18+/- TO STA. 24+95+/-
 - FROM -L- STA. 25+32+/- TO STA. 32+50+/-.
 - INSTALLATION OF 18" TEMPORARY ALTERNATE FROM OUTLET RIGHT OF -Y- STA. 23+90+/- TO 407
 - INSTALLATION OF 18" RCP-III STR 407 TO 408.
 - INSTALLATION OF 18" RCP-III STR 408 TO 409.
 - INSTALLATION OF 18" RCP-III STR 408 TO 406.
 - INSTALLATION OF 18" RCP-III STR 406 TO 405.
 - CONSTRUCTION OF 2 GRATE INLET STR 407.
 - CONSTRUCTION OF 2 GRATE INLET STR 408.
 - CONSTRUCTION OF TRAFFIC BEARING 2 GRATE INLET STR 409.
 - CONSTRUCTION OF 2 GRATE INLET STR 406.
 - CONSTRUCTION OF 2 GRATE INLET STR 405.
 - INSTALLATION OF 18" RCP-V FROM STR 414 TO STR 412
 - INSTALLATION OF 18" RCP-V FROM STR 412 TO STR 411
 - INSTALLATION OF 18" RCP-V FROM STR 413 TO STR 414
 - CONSTRUCTION OF 2 2 GRATE INLET STR 414.
 - CONSTRUCTION OF 2 2 GRATE INLET STR 412.
 - CONSTRUCTION OF 2 2 GRATE INLET STR 411.
 - CONSTRUCTION OF 2 TRAFFIC BEARING 2 GRATE INLET STR 413
- STEP 5. USING ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 19, COMPLETE THE FOLLOWING:
- REMOVE THE PORTABLE CONCRETE BARRIER ON THE SHOULDER RIGHT OF -L- FROM STA. 17+25+/- TO STA. 19+87+/-
 - PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN ON -L- FROM STA. 13+70 TO STA. 32+50
 - SHIFT TRAFFIC TO THE FINAL PATTERN ON -L-
- STEP 6. USING ROADWAY STANDARD DRAWING 1101.02 SHEETS 1, 4, AND 10 OF 19 WORKING BEHIND PORTABLE CONCRETE BARRIER, STOPPING TRAFFIC UP TO 30 MINUTES FOR OVERHEAD WORK IN THE NORTH BOUND LANES, AND DETOURING TRAFFIC VIA THE EXIT AND ENTRANCE RAMP FOR OVERHEAD WORK IN THE SOUTH BOUND LANES, REMOVE THE EXISTING BRIDGE

2/26/2026
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User:iso-dbisette

APPROVED: *David Bisette*
DATE: 09-Mar-2026

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TEMPORARY TRAFFIC CONTROL PHASING

2/26/2026
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User:iso-dbisette

PHASING

STEP 7. USING ROADWAY STANDARD DRAWING 1101.02 SHEETS 1, 4, AND 10 OF 19 AND WORKING BEHIND PORTABLE CONCRETE BARRIER, COMPLETE THE FOLLOWING:

- INSTALLATION OF 30" RCP-III FROM STR 427 TO 426
- INSTALLATION OF 24" RCP-III FROM STR 426 TO 410
- INSTALLATION OF 24" RCP-III FROM STR 410 TO 425
- INSTALLATION OF 24" RCP-III FROM STR 425 TO 456
- INSTALLATION OF 18" W/ELBOWS FROM STR 407 TO 410
- INSTALLATION OF 18" RCP-III FROM STR 432 TO 431
- INSTALLATION OF 18" RCP-IV FROM STR 417 TO 418
- CONSTRUCTION OF 2 GRATE INLET STR 426
- CONSTRUCTION OF CATCH BASIN STR 410
- CONSTRUCTION OF CATCH BASIN STR 425
- CONSTRUCTION OF CATCH BASIN STR 456
- CONSTRUCTION OF PROPOSED ROADWAY SECTION -L- UP TO, BUT NOT INCLUDING IN THE FINAL LAYER OF SURFACE COURSE FROM STA. 13+70+/- TO 32+50+/-
- CONSTRUCTION OF PROPOSED ROADWAY SECTION RIGHT OF -Y- STA. 18+09+/- TO 26+27+/-
- CONSTRUCTION OF PROPOSED ROADWAY SECTION LEFT OF -Y- STA. 20+15+/- TO 27+97+/-
- CONSTRUCTION OF MSE WALL RIGHT OF -Y- FROM STA. 21+00+/- TO STA. 21+35+/-
- CONSTRUCTION OF MSE WALL LEFT OF -Y- FROM STA. 22+66+/- TO STA. 22+91+/-

STEP 8. USING ROADWAY STANDARD DRAWING 1101.02 SHEETS 4 AND 10 OF 19, REMOVE THE PORTABLE CONCRETE BARRIER AND TEMPORARY CRASH CUSHIONS IN THE FOLLOWING LOCATIONS:

- FROM STA 18+09+/- TO STA 27+64+/- OUTSIDE SHOULDER RIGHT OF -Y-
- FROM STA 19+65+/- TO STA 32+36+/- OUTSIDE SHOULDER LEFT OF -Y-
- PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN ON -Y- FROM STA. 18+09+/- TO STA. 27+97+/-

STEP 9. USING ROADWAY STANDARD DRAWING 1101.02 SHEETS 4 AND 10 OF 19, REMOVE THE PORTABLE CONCRETE BARRIER AND TEMPORARY CRASH CUSHIONS IN THE FOLLOWING LOCATIONS:

- FROM STA 15+04+/- TO STA 29+58+/- MEDIAN SHOULDER RIGHT OF -Y-
- FROM STA 16+35+/- TO STA 31+51+/- MEDIAN SHOULDER LEFT OF -Y-

STEP 10. USING ROADWAY STANDARD DRAWING 1101.02 SHEETS 4 AND 10 OF 19, COMPLETE THE FOLLOWING:

- MILL AND OVERLAY -Y- FROM STA. 18+09+/- TO STA. 27+97+/-
- PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN

STEP 11. USING ROADWAY STANDARD DRAWING 1101.02 SHEET 1 OF 19, PLACE THE FINAL LAYER OF SURFACE COURSE, THE FINAL PAVEMENT MARKINGS, AND THE FINAL PAVEMENT MARKERS ON THE FOLLOWING:

- L- STA. 13+70+/- TO -L- STA. 32+50+/-
- RPA- STA. 10+25+/- TO -L- STA. 14+25+/-
- RPD- STA. 11+00+/- TO -L- STA. 14+25+/-

STEP 12. REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES.

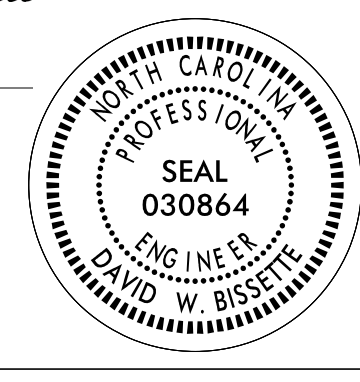
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BP7.R001	TMP-3B

PLANS PREPARED FOR THE NCDOT BY:

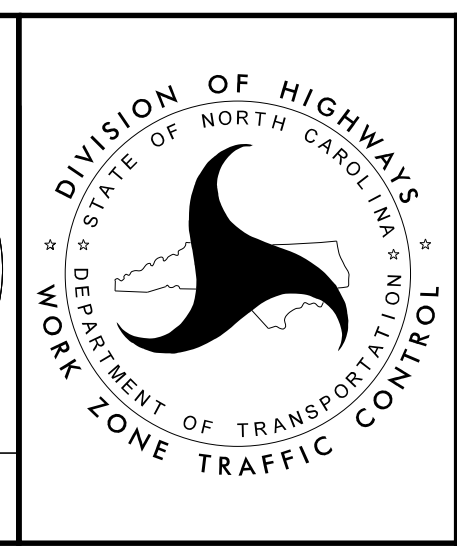
M MOTT MACDONALD I & E, LLC
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604

M MOTT MACDONALD
NC LICENSE NO. F-0669

APPROVED: *David Bisette*
DATE: 09-Mar-2026



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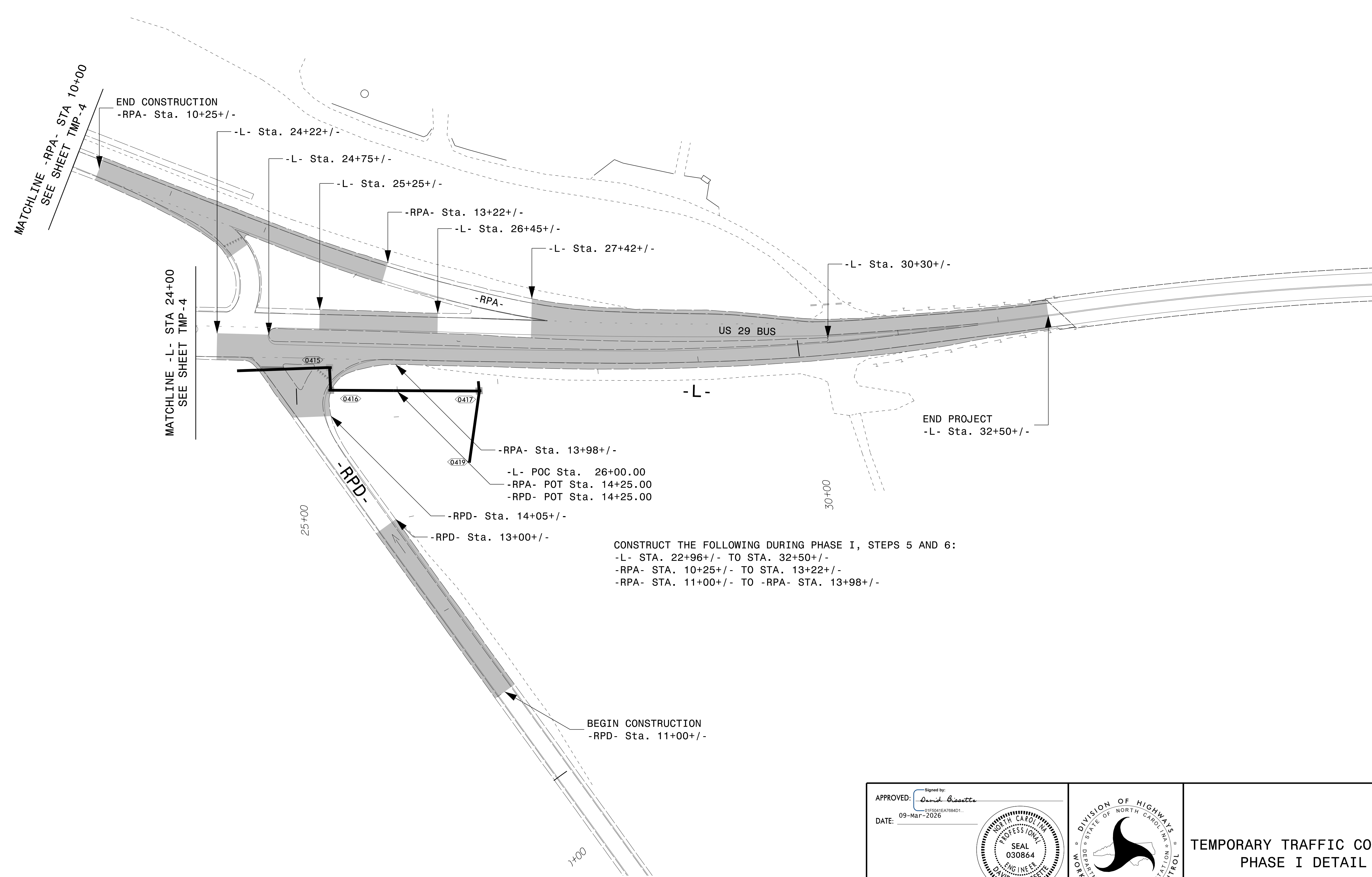
TEMPORARY TRAFFIC CONTROL
PHASING

PROJ. REFERENCE NO.	SHEET NO.
BP7.R001	TMP-5

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 1101 HAYNES STREET, SUITE 101
 RALEIGH, NC 27604

M MOTT MACDONALD
 NC LICENSE NO. F-0669

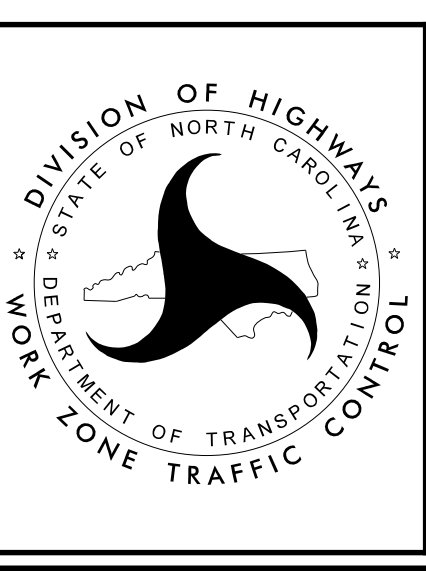


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User:iso-dbisette

APPROVED: *David Bisette*
 DATE: 09-Mar-2026

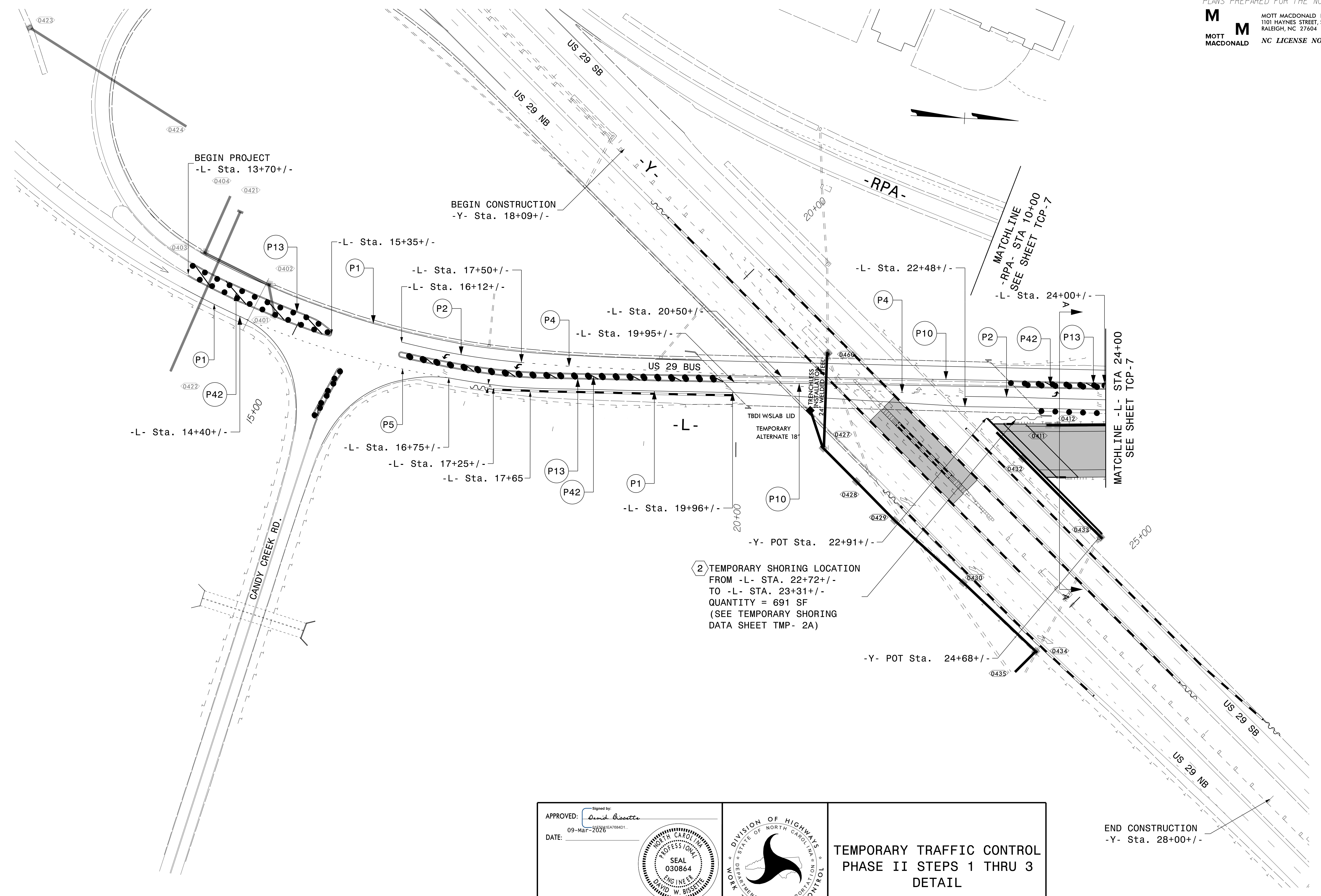
Professional Seal: DAVID W. BISSETTE, ENGINEER, SEAL 030864, NORTH CAROLINA PROFESSIONAL ENGINEERS

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**TEMPORARY TRAFFIC CONTROL
PHASE I DETAIL**

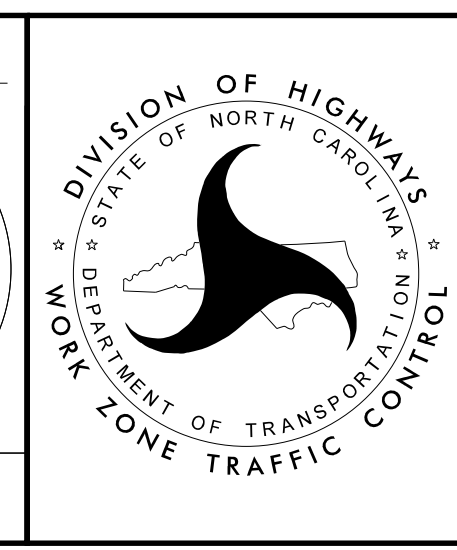
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DATE: 09-Mar-2026

SEAL
030864
ENGINEER
DAVID W. BISSETTE

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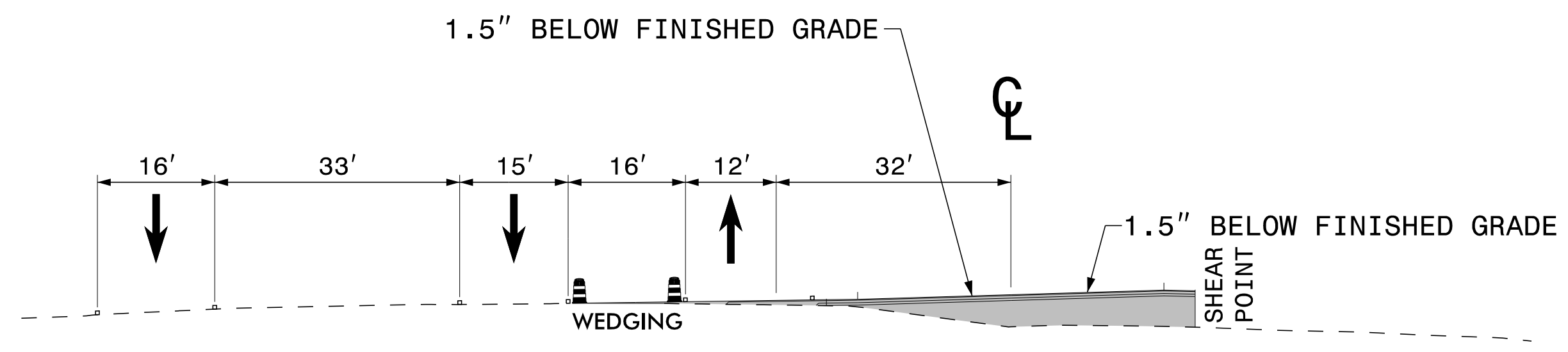
TEMPORARY TRAFFIC CONTROL
PHASE II STEPS 1 THRU 3
DETAIL

END CONSTRUCTION
-Y- Sta. 28+00+/-

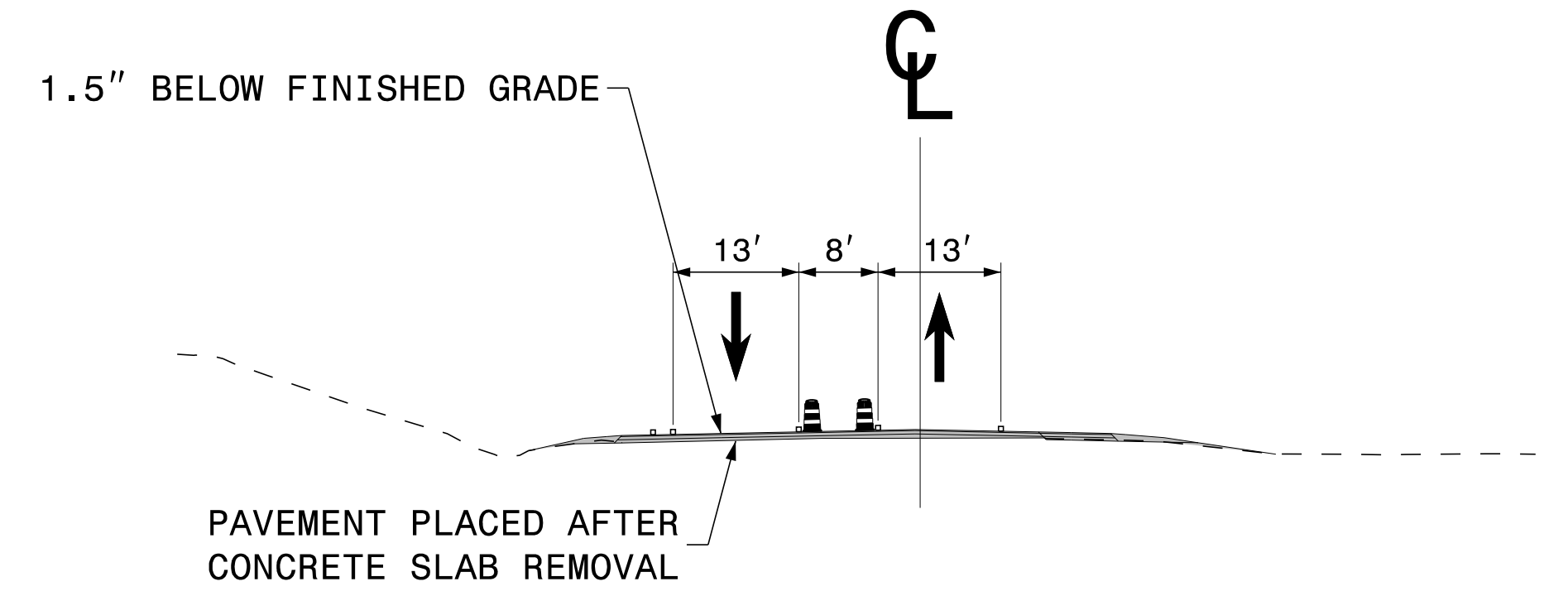
PROJ. REFERENCE NO.	SHEET NO.
BP7.R001	TMP-7A

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M MOTT MACDONALD I & E, LLC
 1101 HAYNES STREET, SUITE 101
 RALEIGH, NC 27604
M MOTT MACDONALD
 NC LICENSE NO. F-0669

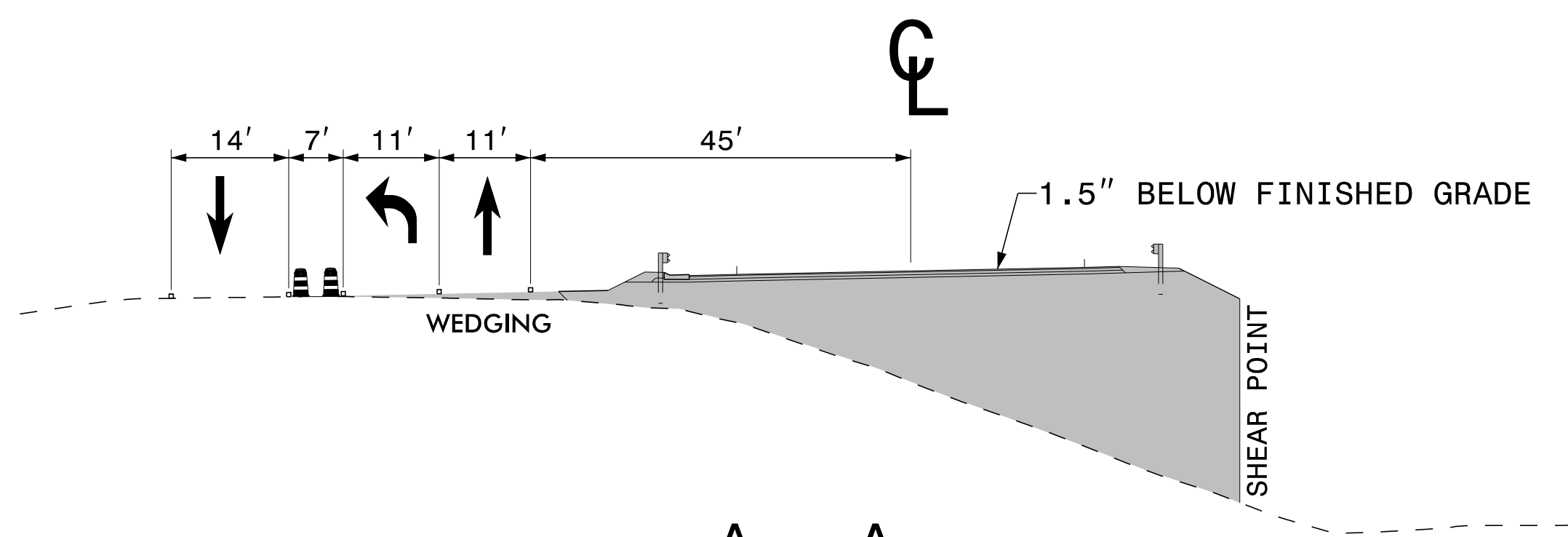
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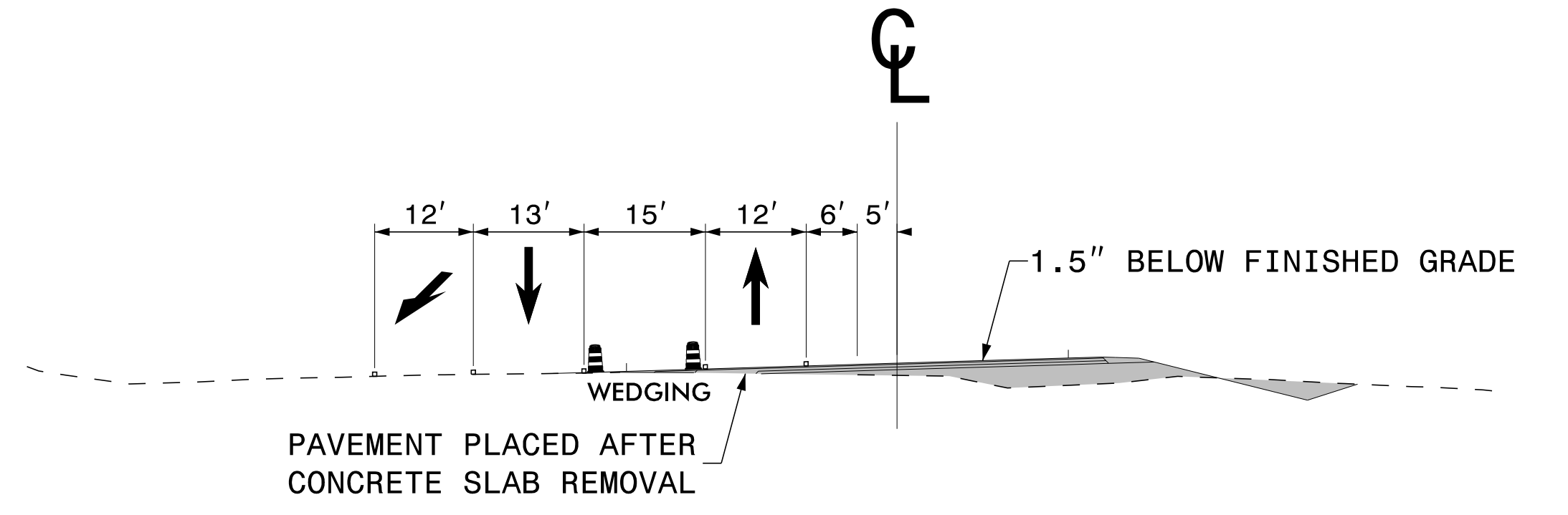
B - B
 -L- STA 26+00+/-



D - D
 -L- STA 30+00+/-



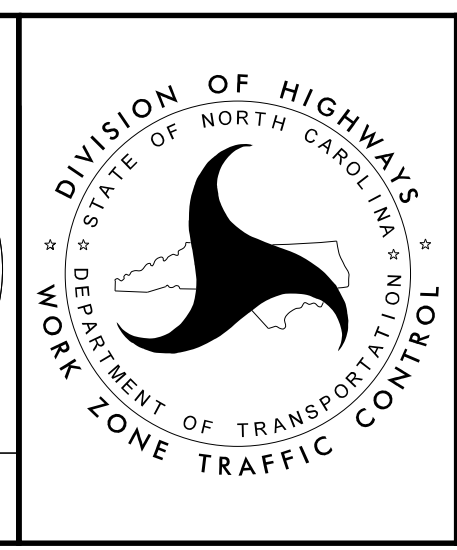
A - A
 -L- STA 23+50+/-



C - C
 -L- STA 28+00+/-

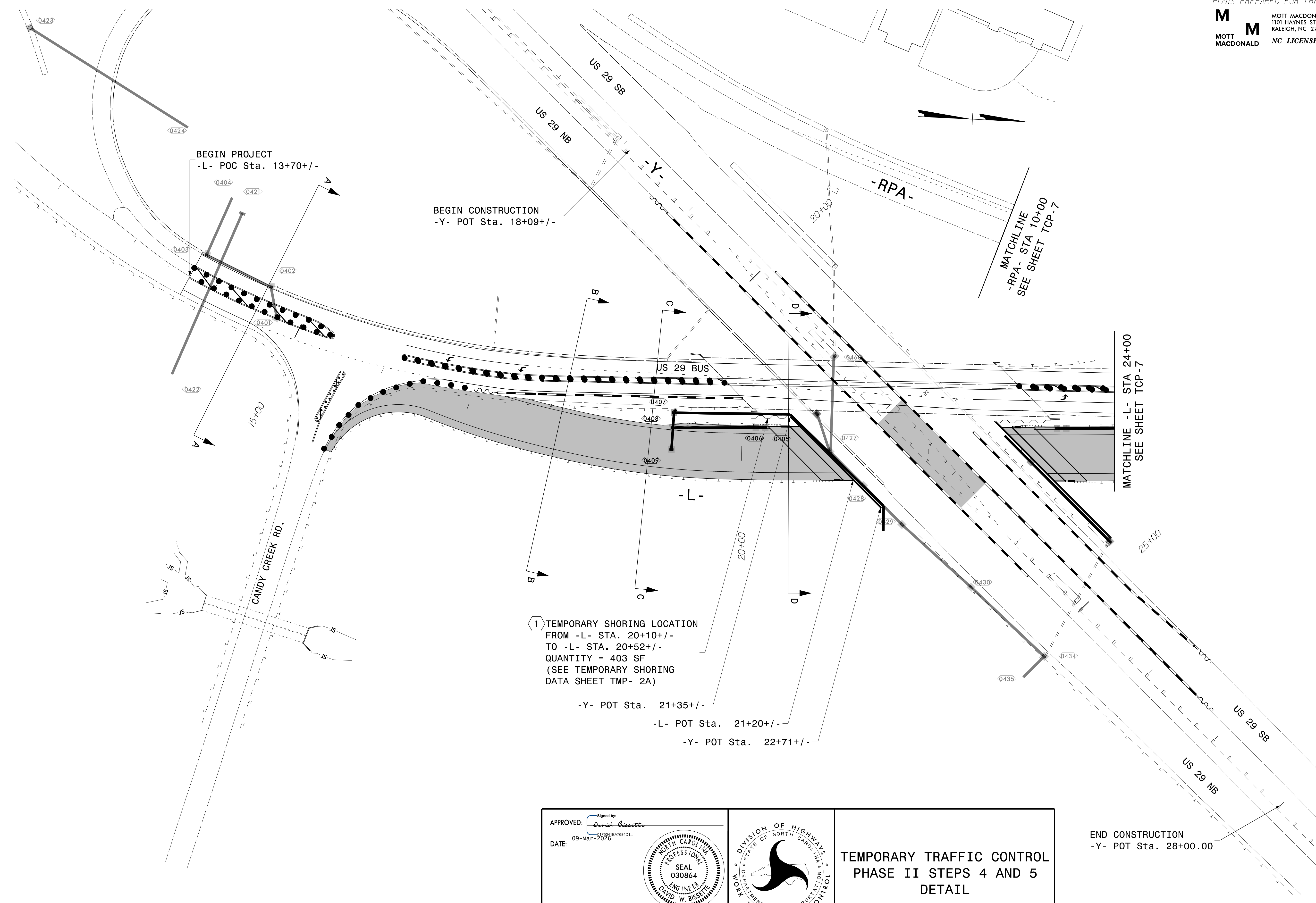
APPROVED: *David Bisette*
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**TEMPORARY TRAFFIC CONTROL
 PHASE II STEPS 1 THRU 3
 CUT SECTIONS**

3/4/2026
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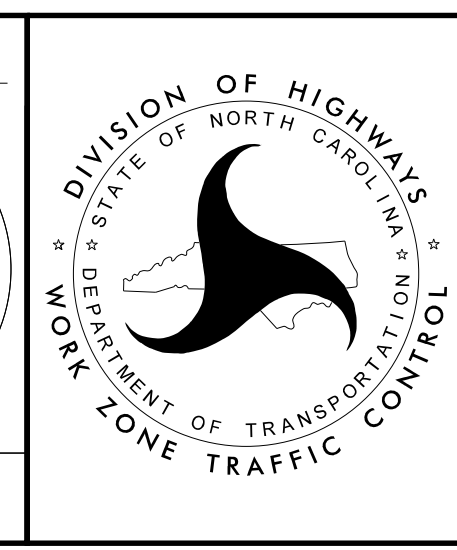
1 TEMPORARY SHORING LOCATION
FROM -L- STA. 20+10+/-
TO -L- STA. 20+52+/-
QUANTITY = 403 SF
(SEE TEMPORARY SHORING
DATA SHEET TMP- 2A)

-Y- POT Sta. 21+35+/-
-L- POT Sta. 21+20+/-
-Y- POT Sta. 22+71+/-

APPROVED: *David Bisette*
DATE: 09-Mar-2026

SEAL
030864
ENGINEER
DAVID W. BISSETTE

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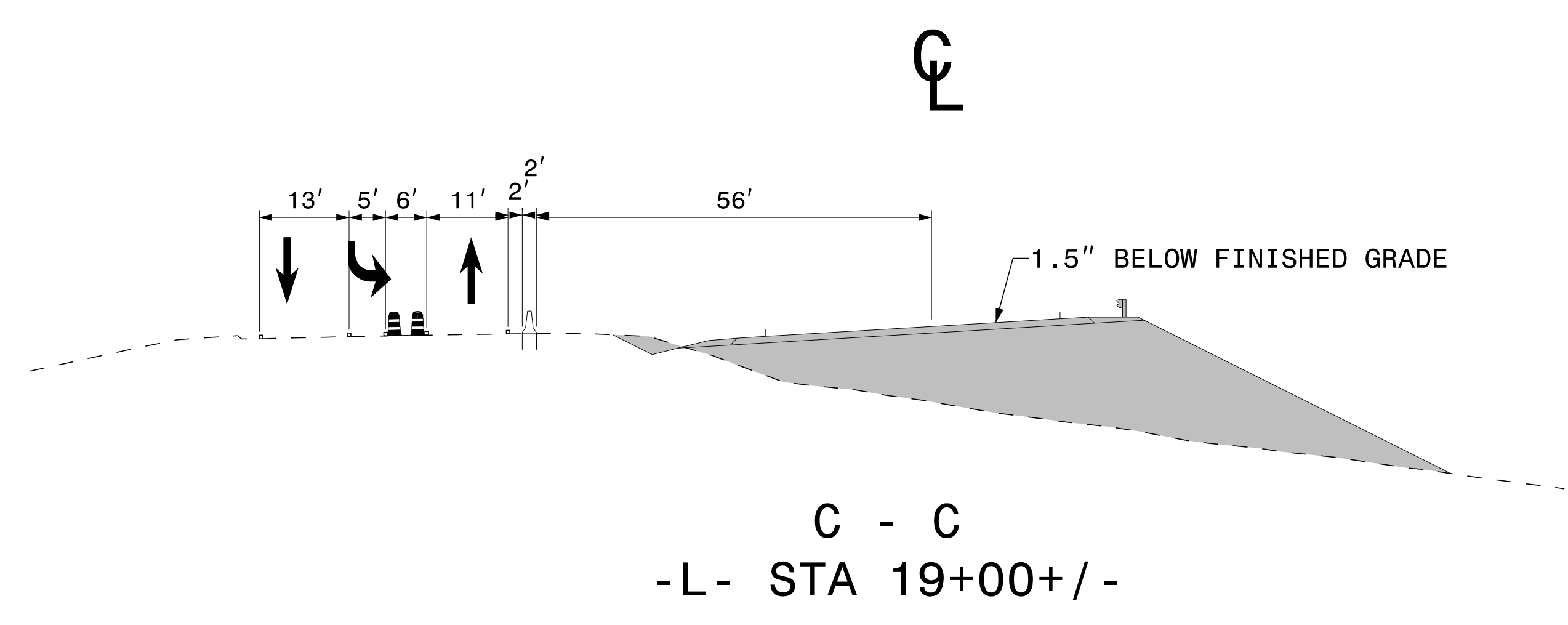
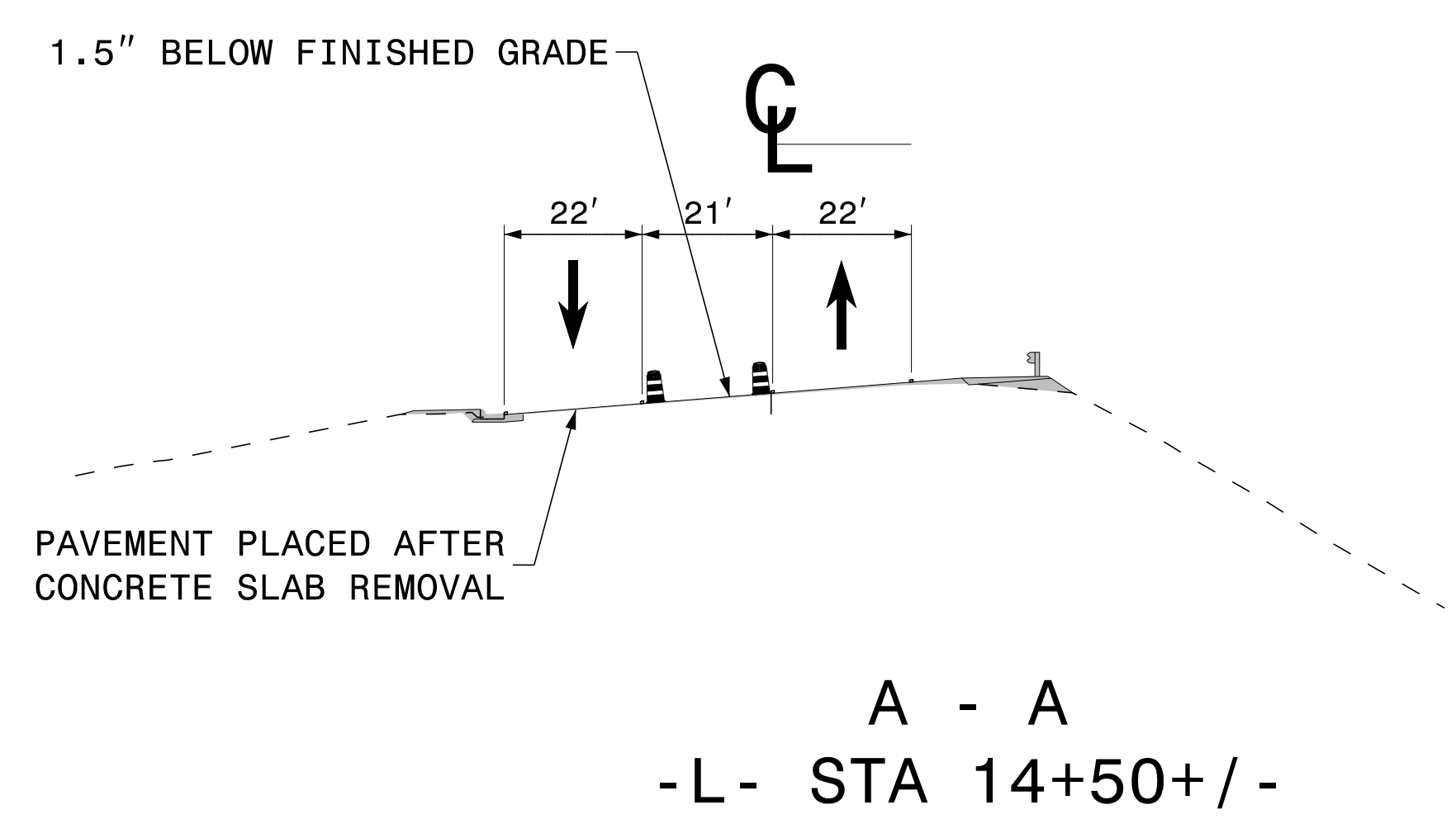
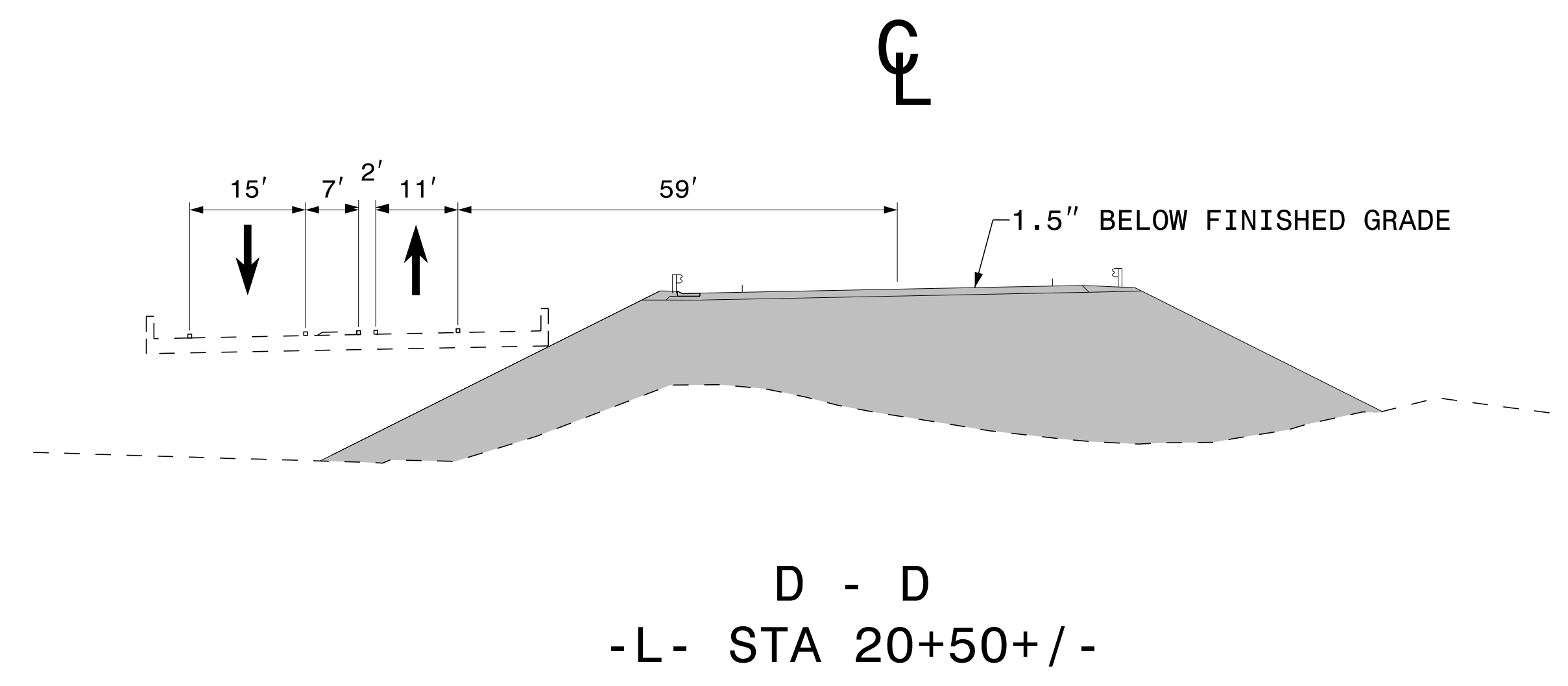
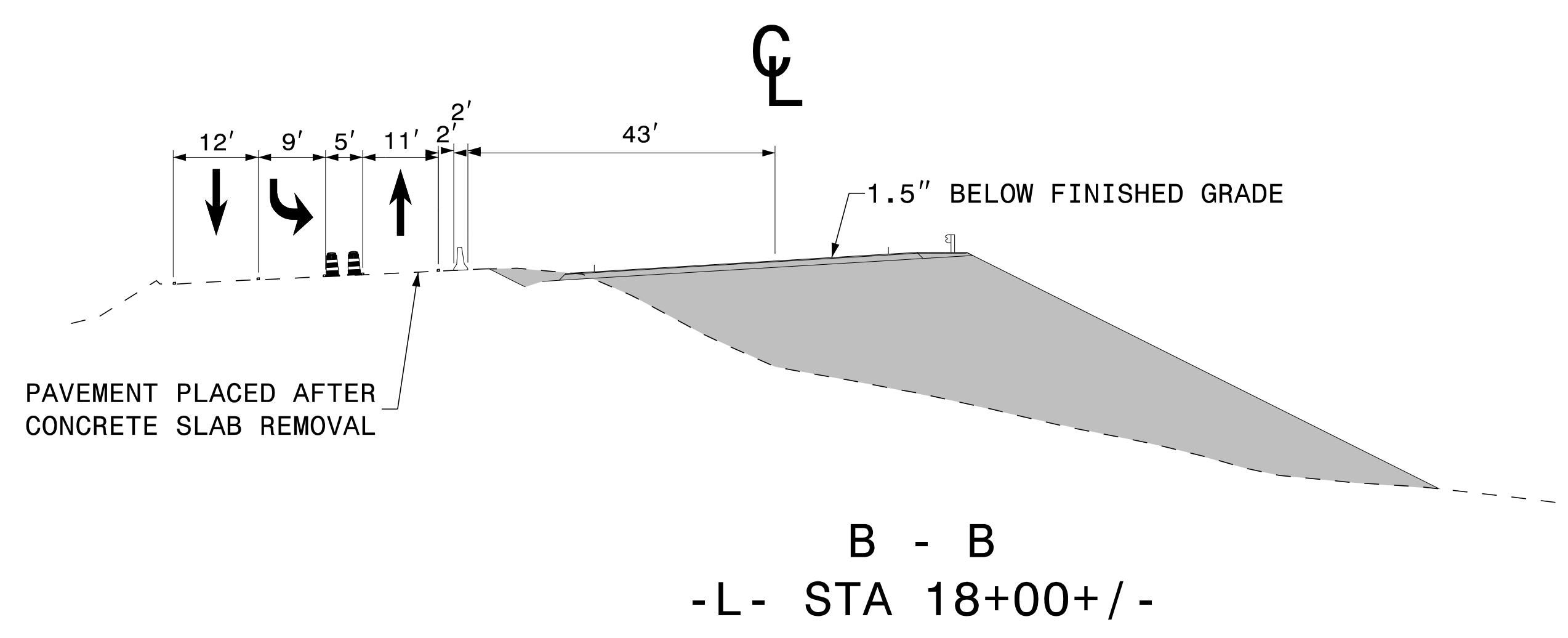
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL

TEMPORARY TRAFFIC CONTROL
PHASE II STEPS 4 AND 5
DETAIL

END CONSTRUCTION
-Y- POT Sta. 28+00.00

PROJ. REFERENCE NO.	SHEET NO.
BP7.R001	TMP-8A

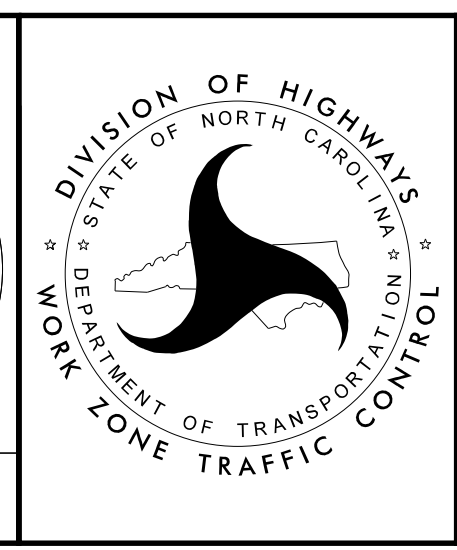
PLANS PREPARED FOR THE NCDOT BY:
M MOTT MACDONALD I & E, LLC
 1101 HAYNES STREET, SUITE 101
 RALEIGH, NC 27604
M MOTT MACDONALD
 NC LICENSE NO. F-0669



2/26/2026
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 User:iso-dbisette

APPROVED: *David Bissette*
 DATE: 09-MAR-2026

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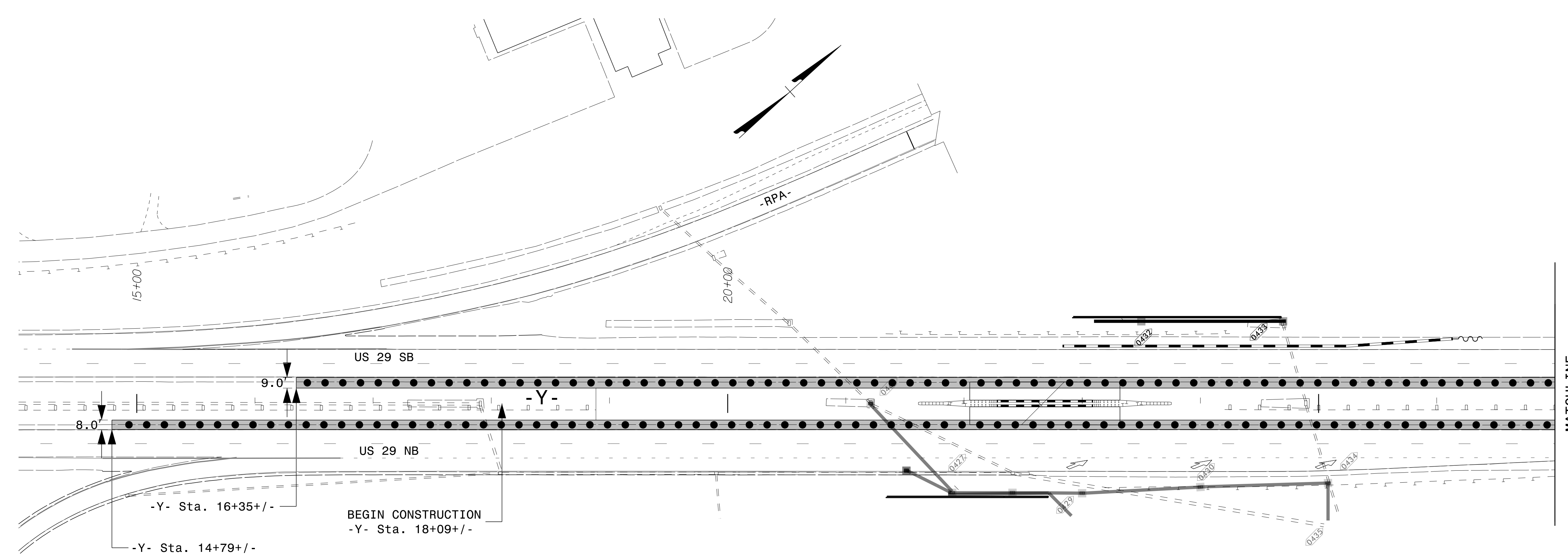
**TEMPORARY TRAFFIC CONTROL
 PHASE II STEPS 4 THRU 5
 CUT SECTIONS**

PROJ. REFERENCE NO.	SHEET NO.
BP7.R001	TMP-9

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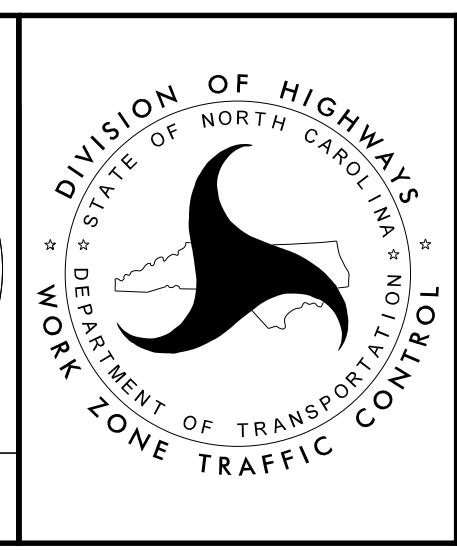
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APPROVED: *David Bisette*
 DATE: 09-Mar-2026

Signed by: *David Bisette*
 PROFESSIONAL ENGINEER
 SEAL 030864
 DAVID W. BISSETTE

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**TEMPORARY TRAFFIC CONTROL
 PHASE II STEP 6
 DETAIL**

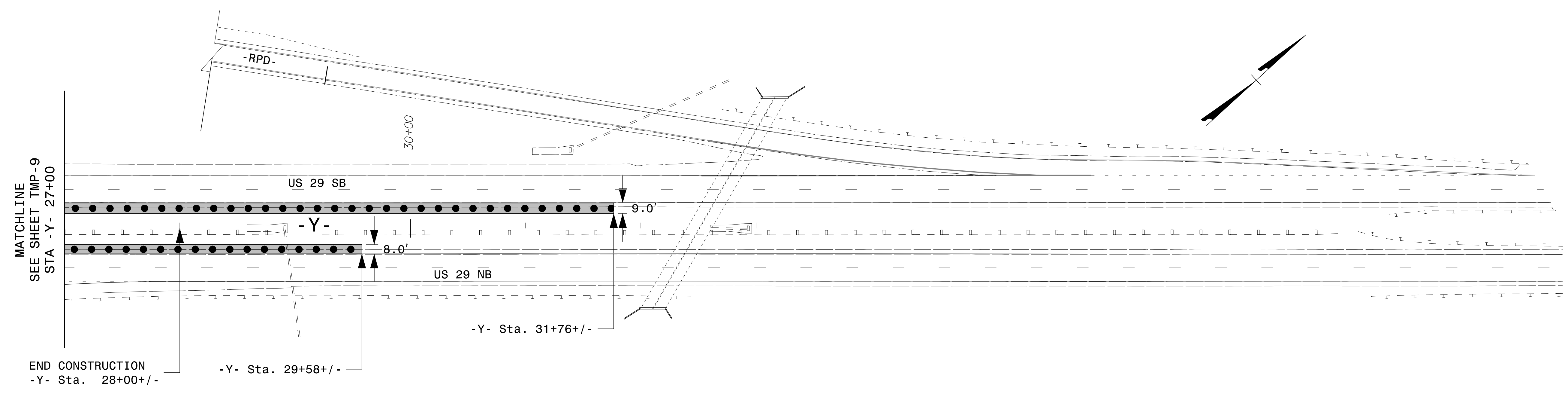
PROJ. REFERENCE NO.	SHEET NO.
BP7.R001	TMP-10

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD I & E, LLC
 1101 HAYNES STREET, SUITE 101
 RALEIGH, NC 27604

M MOTT MACDONALD
 NC LICENSE NO. F-0669

2/26/2026
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 User:iso-dbisette



APPROVED: *David Bisette*
 DATE: 09-MAR-2026

SEAL
 030864
 ENGINEER
 DAVID W. BISSETTE



TEMPORARY TRAFFIC CONTROL
 PHASE II STEP 6
 DETAIL

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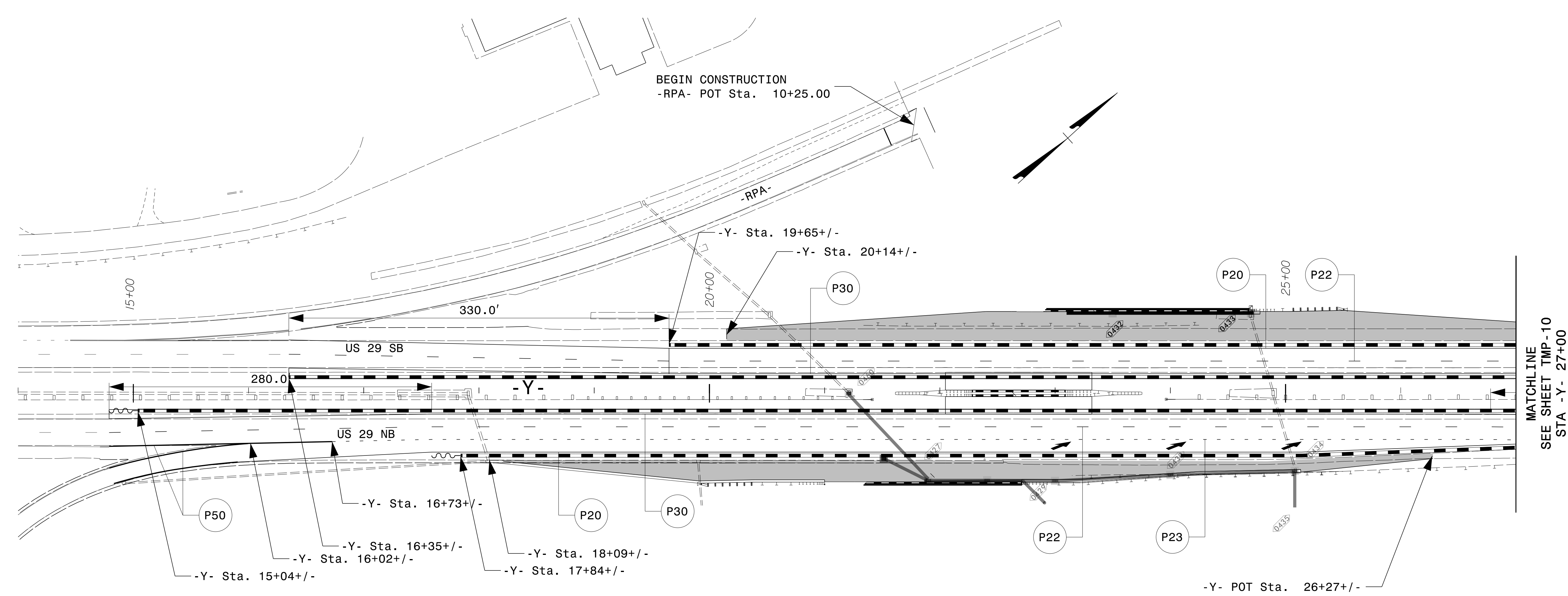
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BP7, R001	IMP - 11

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 NC LICENSE NO. F-0669

3/6/2026
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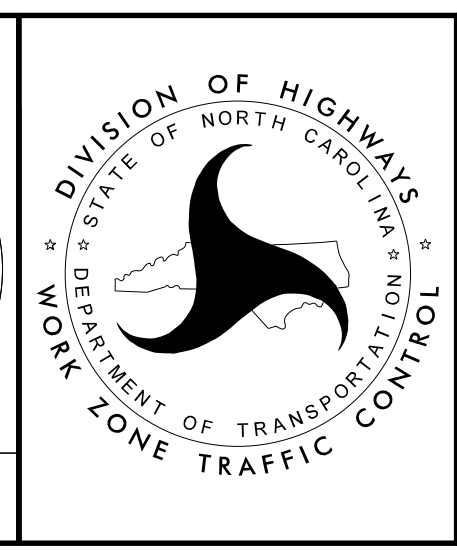
MATCHLINE
 SEE SHEET TMP-10
 STA -Y- 27+00

APPROVED: *David Bissette*
 DATE: 09-Mar-2026

Signed by:
 David Bissette
 030864

SEAL
 030864
 ENGINEER
 DAVID W. BISSETTE

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**TEMPORARY TRAFFIC CONTROL
 PHASE III DETAIL**

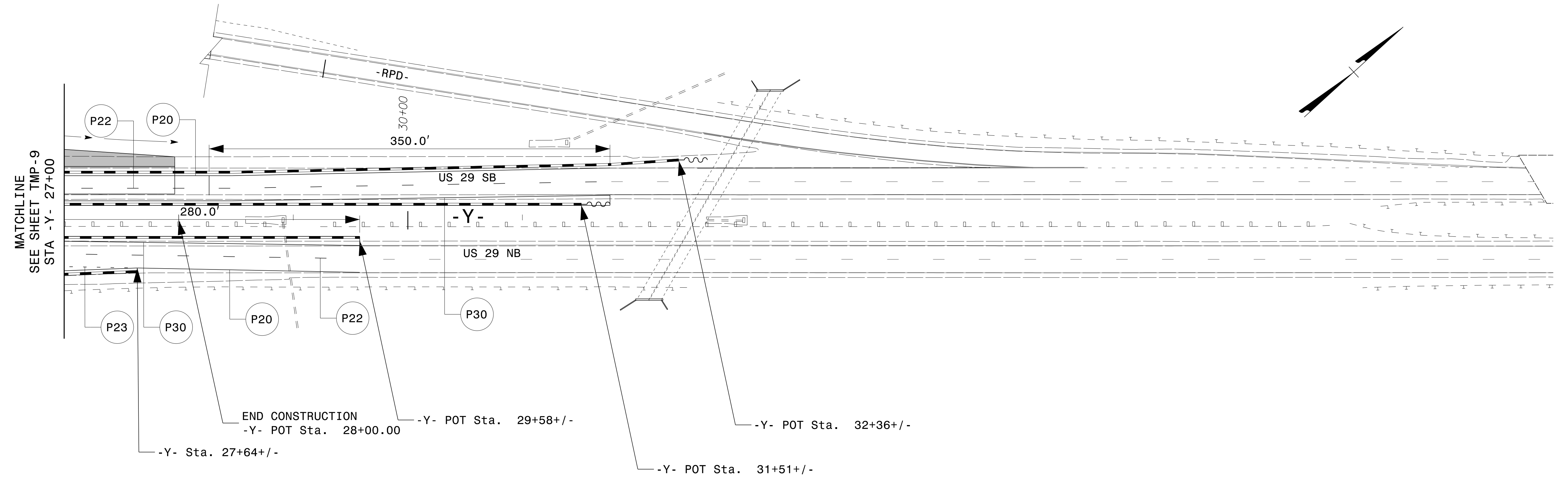
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BP7.R001	TMP-12

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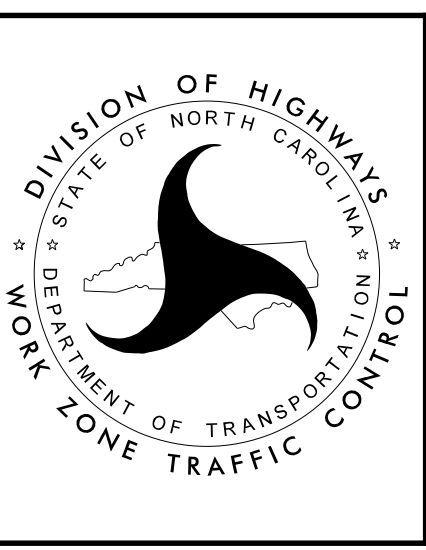
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User:iso-dbisette



APPROVED: *David Bisette*
 DATE: 09-Mar-2026

Seal: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 030864 DAVID W. BISSETTE

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**TEMPORARY TRAFFIC CONTROL
 PHASE III DETAIL**