

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

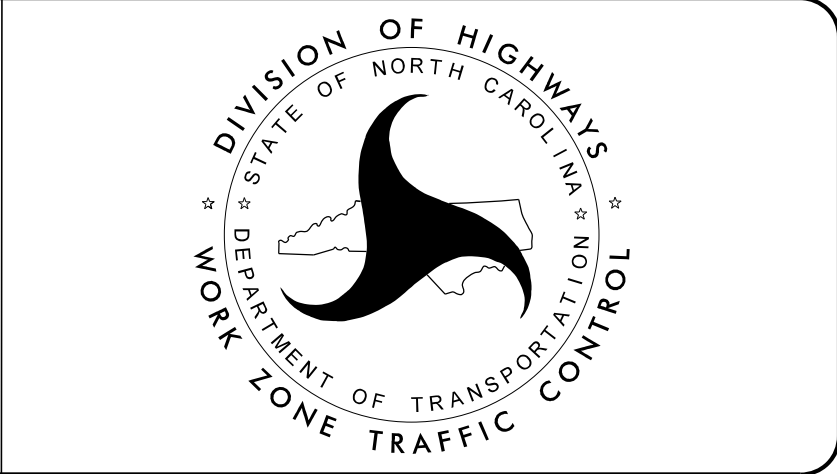
TRANSPORTATION MANAGEMENT PLAN
RUTHERFORD COUNTY



WORK ZONE SAFETY & MOBILITY
"from the MOUNTAINS to the COAST"

PLANS PREPARED BY:
RONYELL THIGPEN, PE
ERIC MISAK

NCDOT CONTACTS:
ZACHARY CLARK, PE PROJECT ENGINEER
SHEENA N. GREEN PROJECT DESIGN ENGINEER



INDEX OF SHEETS

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434 Fayetteville Street
Suite 1500
Raleigh NC, 27601
NC LIC. NO. F-0165

APPROVED:

DATE: 3/2/2026

SEAL

PROJECT: B-6047

SHEET NO.
TMP-01

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 WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.06	WARNING SIGNS FOR BLASTING ZONES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
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 MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPS
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
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
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

REMOVAL

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY
- PORTABLE

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

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

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TRANSPORTATION
MANAGEMENT PLAN
ROADWAY STANDARD
DRAWINGS & LEGEND

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APPROVED: <u><i>Thomas H. [Signature]</i></u> 9C2B41A2DB5E447 DATE: <u>3/2/2026</u>  SEAL	 434 Fayetteville Street Suite 1500 Raleigh NC, 27601 NC LIC. NO. F-0165	TRANSPORTATION MANAGEMENT PLAN SIGN DESIGN
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PROJ. REFERENCE NO.	SHEET NO.
B-6047	TMP-03

GENERAL NOTES

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.

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 UNDESIREED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- B) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRANPORTATION MANAGEMENT PLANS.

AND

PROVIDE SIGNING RQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRANSPORTATION MANAGEMENT PLANS.

- C) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

AND

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

TRAFFIC CONTROL DEVICES

- D) ENSURE ALL NECESSARY TRAFFIC CONTROL DEVICES, SIGNS, BARRICADES, MARKINGS, ETC ARE IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

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

- F) DURING THE ROAD CLOSURE, ONCE THE EXISTING STRUCTURE IS REMOVED, PROVIDE PROTECTION TO PREVENT ERRANT VEHICLES FROM ENCROACHING INTO THE WORK AREA. ANY SUCH PROVISIONS WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS IN THE CONTRACT AND WILL NOT BE PAID FOR SEPARATELY. METHODS UTILIZED SHALL BE ACCEPTABLE TO THE ENGINEER.

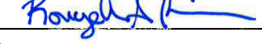
PHASING NOTES

- STEP 1: INSTALL WORK ZONE ADVANCE WARNING SIGNS ON ALL ROADS ACCORDING TO ROADWAY STANDARD DRAWING NO. 1101.01 WHERE WORK WILL BE OCCURRING NO MORE THAN THREE DAYS PRIOR TO BEGINNING CONSTRUCTION.

- STEP 2: USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9, AND SHEET TMP-04, INSTALL ROAD CLOSURE AND DETOUR SIGNS FOR HARRIS HENRIETTA RD. COVER SIGNS UNTIL DETOUR IS READY FOR CONSTRUCTION.

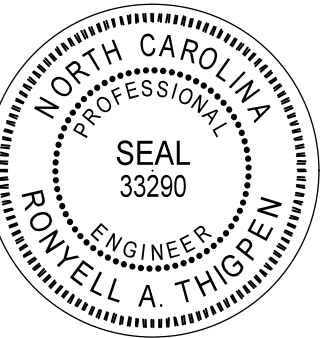
- STEP 3: WHEN DETOUR IS READY UNCOVER SIGNS AND CLOSE HARRIS HENRIETTA RD. CONSTRUCT STRUCTURE AND ROADWAY IMPROVEMENTS ALONG HARRIS HENRIETTA RD. PLACE FINAL MARKINGS AND TIE IN WITH EXISTING MARKINGS.

- STEP 4: REMOVE ROAD CLOSURE DEVICES AND SIGNS ONCE CONSTRUCTION IS COMPLETE. OPEN HARRIS HENRIETTA RD. TO TRAFFIC.

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DATE: 4/8/2026

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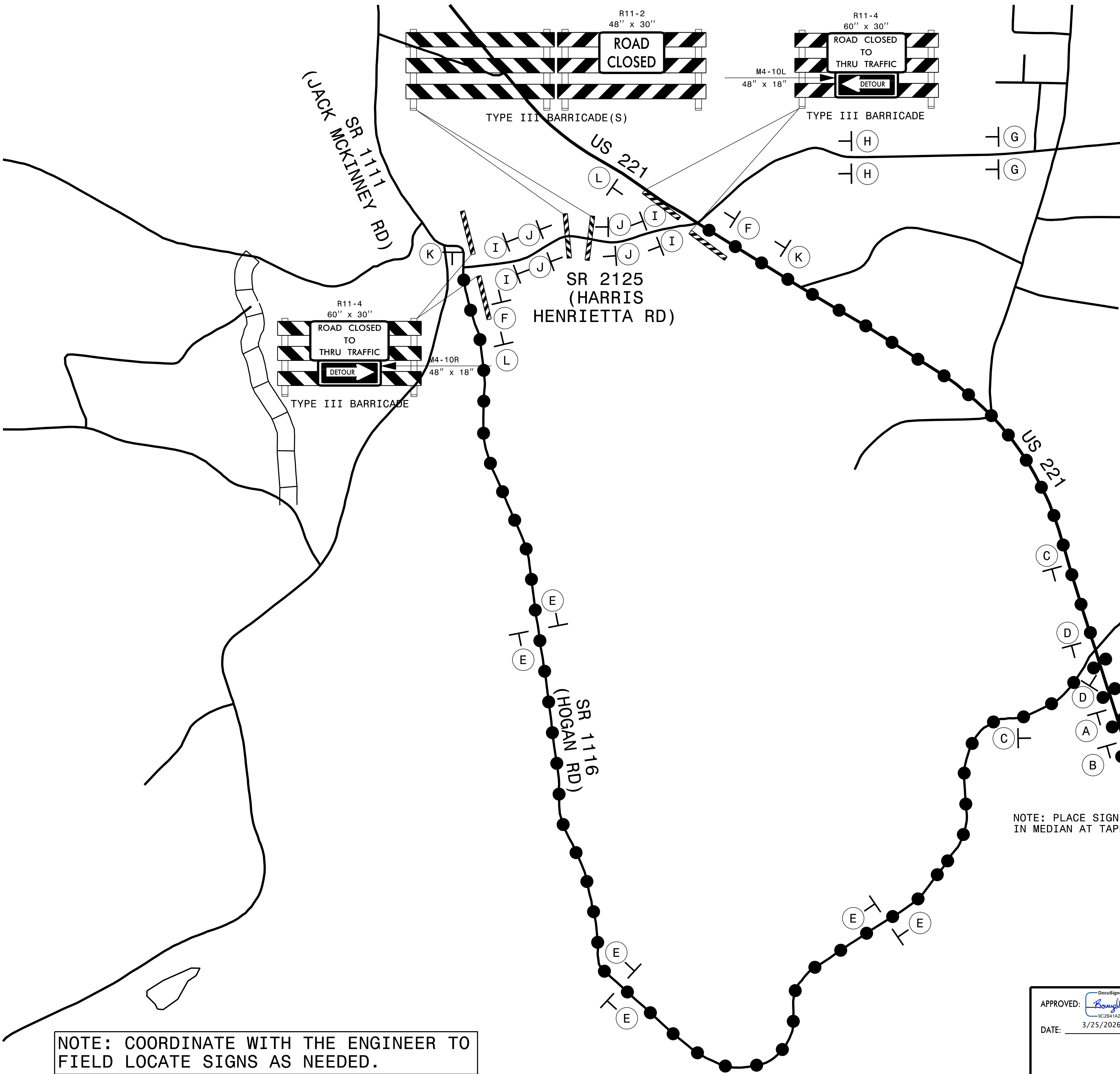
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GENERAL NOTES AND
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HARRIS HENRIETTA RD DETOUR M4-8 24" X 12" M6-2 21" X 15" A	HARRIS HENRIETTA RD DETOUR M4-8 24" X 12" LANE FOR U TURN ONLY R3-19a 30" X 24" B	HARRIS HENRIETTA RD DETOUR M4-8 24" X 12" M5-1 21" X 15" C	HARRIS HENRIETTA RD DETOUR M4-8 24" X 12" M6-1 21" X 15" D
HARRIS HENRIETTA RD DETOUR M4-8 24" X 12" M6-3 21" X 15" E	HARRIS HENRIETTA RD END DETOUR M4-8 A 24" X 18" F	ROAD CLOSED AHEAD W20-3 48" X 48" G	DETOUR AHEAD W20-2 48" X 48" H
ROAD CLOSED 1000 FT W20-3 48" X 48" I	ROAD CLOSED 500 FT W20-3 48" X 48" J	ROAD CLOSED AHEAD W20-3 48" X 48" NEXT LEFT SP-4L 42" X 12" K	ROAD CLOSED AHEAD W20-3 48" X 48" NEXT RIGHT SP-4L 42" X 12" L

NOTE: COORDINATE WITH THE ENGINEER TO FIELD LOCATE SIGNS AS NEEDED.

APPROVED:
DATE: 3/25/2026

DocuSigned by:
POWELL A. THIGPEN
SEAL
33290
ENGINEER
NORTH CAROLINA
PROFESSIONAL

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wsp

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OFFSITE DETOUR
ROUTE SIGNING