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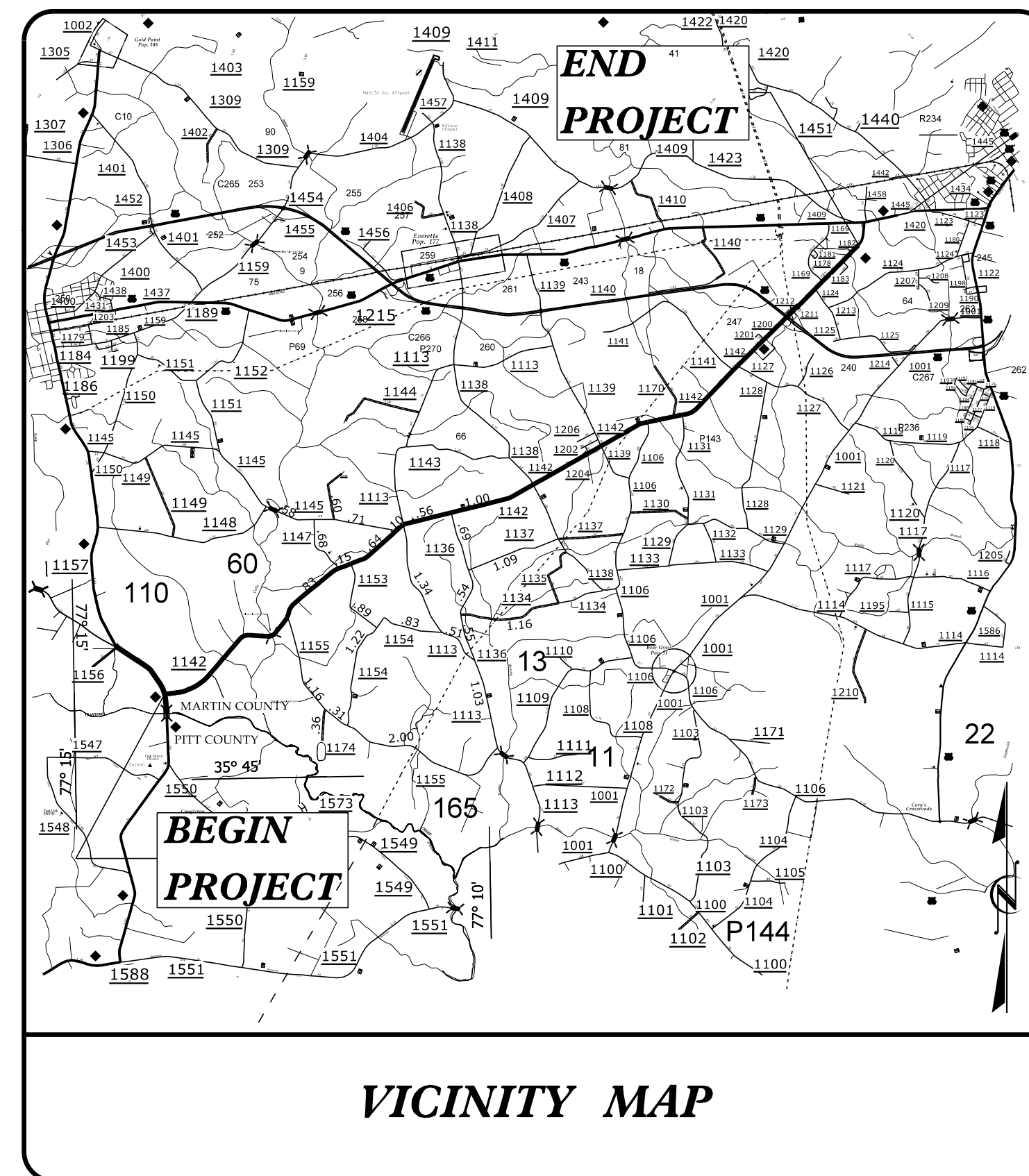
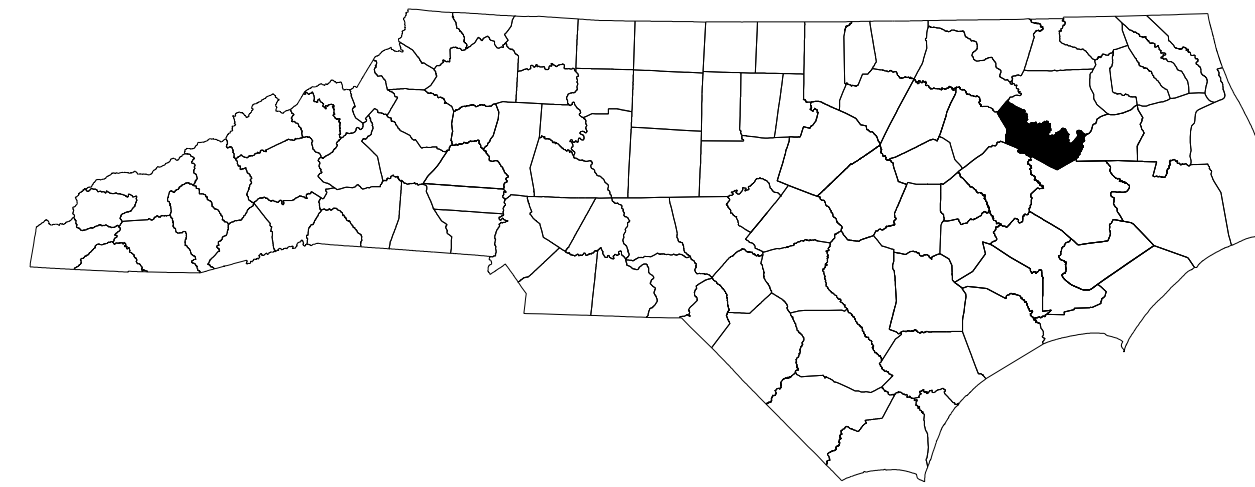
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STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**TRANSPORTATION MANAGEMENT PLAN**

**MARTIN COUNTY**



**INDEX OF SHEETS**

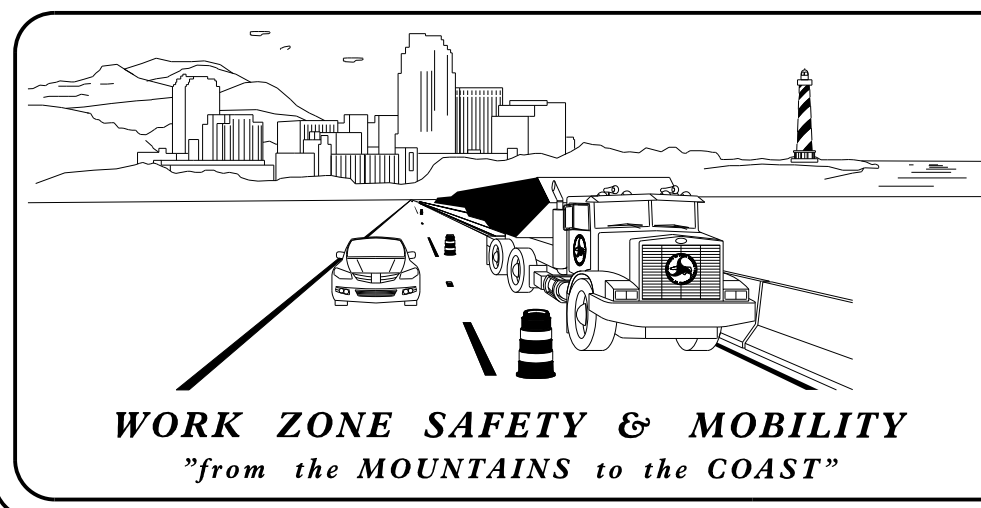
SHEET NO	TITLE
TMP-01	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-01A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-01B THRU 01C	SIGN AND DEVICE LEGEND
TMP-01D THRU 01E	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES AND GENERAL NOTES)
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SHEET NO.  
TMP-01

**R-4705**

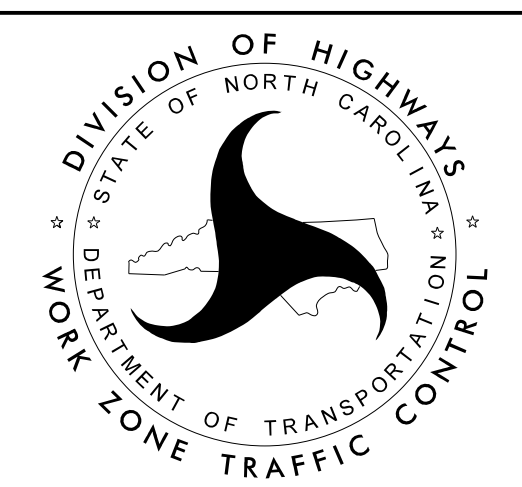
**TIP PROJECT:**

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PLANS PREPARED BY: WEI, INC.  
**BOB MAY, P.E.**  
**D. ALLEN HAYES, E.I.**

NCDOT CONTACTS:  
**JASON DAVIDSON**  
DIVISION 1 TRAFFIC ENGINEER



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APPROVED: *Bob R. May*  
DATE: 4/7/2022



SEAL

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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 2018 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
1101.11	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
1180.01	SKINNY - DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
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)

# LEGEND

## GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.

- WORK AREA
- REMOVAL
- WIDENING
- WEDGING
- TEMPORARY SLOPE

- DETOUR ROUTE

## PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

## TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)
- DRUM
- CHANGEABLE MESSAGE SIGN

## TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

## PAVEMENT MARKING SYMBOLS

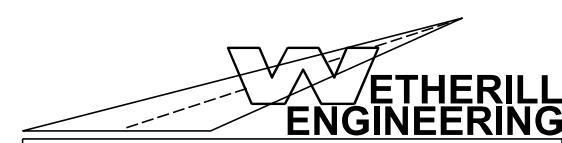
- PAVEMENT MARKING SYMBOLS

## TEMPORARY PAVEMENT MARKINGS

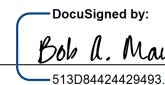
TEMPORARY PAINT PAVEMENT MARKINGS:

- P1** WHITE EDGELINE (4")
- P2** WHITE SOLID LANE LINE (4")
- P4** 3 FT. - 9 FT./SP WHITE MINISKIP (4")
- P5** 2 FT. - 6FT./SP WHITE MINISKIP (4")
- P13** YELLOW DOUBLE CENTER (4")
- P14** 2 FT. - 6FT./SP YELLOW MINISKIP (4")
- P61** WHITE STOPBAR (24")
- P71** RIGHT TURN ARROW
- P72** STRAIGHT ARROW

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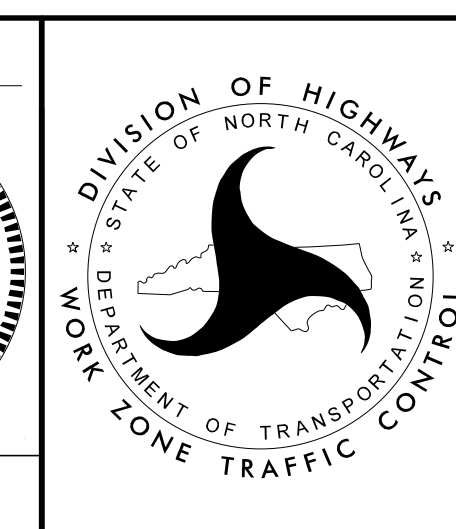


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**PROFESSOR**  
 SEAL  
 047751  
 ENGINEER  
 BOB A. MAY

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ROADWAY STANDARD  
 DRAWINGS & LEGEND



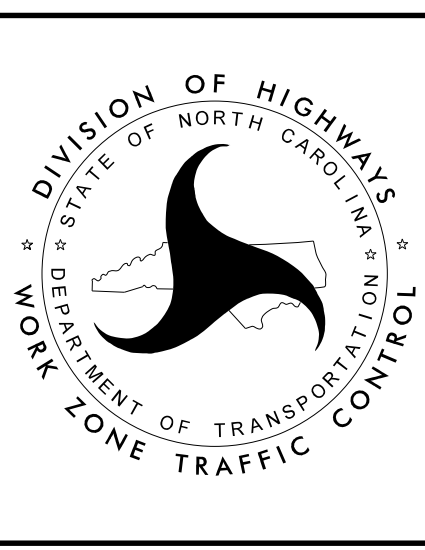
<p>R11-2 48" X 30" ROAD CLOSED TYPE III BARRICADE A</p>	<p>R11-2 48" X 30" ROAD CLOSED M4-10L 48" X 18" DETOUR TYPE III BARRICADE B</p>	<p>R11-2 48" X 30" ROAD CLOSED M4-10R 48" X 18" DETOUR TYPE III BARRICADE C</p>	<p>R11-3 60" X 30" ROAD CLOSED MILES AHEAD LOCAL TRAFFIC ONLY M4-10L 48" X 18" DETOUR TYPE III BARRICADE D</p>	<p>R11-3 60" X 30" ROAD CLOSED MILES AHEAD LOCAL TRAFFIC ONLY M4-10R 48" X 18" DETOUR TYPE III BARRICADE E</p>					
<p>R11-4 60" X 30" ROAD CLOSED TO THRU TRAFFIC M4-10L 48" X 18" DETOUR TYPE III BARRICADE F</p>	<p>R11-4 60" X 30" ROAD CLOSED TO THRU TRAFFIC M4-10R 48" X 18" DETOUR TYPE III BARRICADE G</p>	<p>R11-3 60" X 30" ROAD CLOSED MILES AHEAD LOCAL TRAFFIC ONLY TYPE III BARRICADE H</p>	<p>R11-3 60" X 30" ROAD CLOSED MILES AHEAD LOCAL TRAFFIC ONLY TYPE III BARRICADE I</p>						
<p>W20-3 48" X 48" ROAD CLOSED 500 FT A</p>	<p>W20-3 48" X 48" ROAD CLOSED 1000 FT B</p>	<p>W20-3 48" X 48" ROAD CLOSED AHEAD SP-4L 42" X 12" NEXT LEFT C</p>	<p>W20-3 48" X 48" ROAD CLOSED AHEAD D</p>	<p>W20-3 48" X 48" ROAD CLOSED AHEAD SP-4R 42" X 12" NEXT RIGHT E</p>	<p>W20-2 48" X 48" DETOUR AHEAD F</p>	<p>SSD 36" X 42" PRISON CAMP ROAD M4-8 24" X 12" DETOUR M6-1 L 21" X 15" G</p>	<p>SSD 36" X 42" PRISON CAMP ROAD M4-8 24" X 12" DETOUR M5-1 21" X 15" H</p>	<p>SSD 36" X 42" PRISON CAMP ROAD M4-8 24" X 12" DETOUR M6-3 21" X 15" I</p>	<p>SSD 36" X 42" PRISON CAMP ROAD M4-8 24" X 12" DETOUR M6-1 21" X 15" J</p>
<p>SSD 36" X 42" PRISON CAMP ROAD M4-8 A 24" X 18" END DETOUR K</p>	<p>M4-8 24" X 12" DETOUR NORTH M3-1 24" X 12" 903 M1-5 M6-1 L 21" X 15" L</p>	<p>M4-8 24" X 12" DETOUR NORTH M3-1 24" X 12" 903 M1-5 M6-3 21" X 15" M</p>	<p>M4-8 24" X 12" DETOUR NORTH M3-1 24" X 12" 903 M1-5 M5-1 R 21" X 15" N</p>	<p>M4-8 24" X 12" DETOUR NORTH M3-1 24" X 12" 903 M1-5 M6-1 21" X 15" O</p>	<p>M4-8 24" X 12" DETOUR SOUTH M3-3 24" X 12" 903 M1-5 M6-3 21" X 15" P</p>	<p>M4-8 24" X 12" DETOUR SOUTH M3-3 24" X 12" 903 M1-5 M6-1 21" X 15" Q</p>	<p>M4-8 A 24" X 18" END DETOUR M1-5 R</p>	<p>SSD 36" X 42" RACE TRACK ROAD M4-8 24" X 12" DETOUR M6-1 L 21" X 15" S</p>	<p>SSD 36" X 42" RACE TRACK ROAD M4-8 24" X 12" DETOUR M5-1 21" X 15" T</p>

**X BARRICADES**  
-WITH MOUNTED SIGNING

**A SIGNING**  
-STATIONARY OR  
PORTABLE MOUNTED

APPROVED: *Bob H. May*  
DATE: 4/7/2022

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**SIGN AND DEVICE LEGEND**

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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



SSD 36" X 42" RACE TRACK ROAD DETOUR M4-8 24" X 12" M6-1 21" X 15" U	SSD 36" X 42" RACE TRACK ROAD END DETOUR M4-8 A 24" X 18" V	SSD 42" X 42" SAM EVERETT ROAD DETOUR M4-8 24" X 12" M6-1 L 21" X 15" W	SSD 42" X 42" SAM EVERETT ROAD DETOUR M4-8 24" X 12" M5-1 21" X 15" X	SSD 42" X 42" SAM EVERETT ROAD DETOUR M4-8 24" X 12" M6-1 21" X 15" Y	SSD 42" X 42" SAM EVERETT ROAD END DETOUR M4-8 A 24" X 18" Z	SSD 30" X 30" GUS'S LANE DETOUR M4-8 24" X 12" M6-1 L 21" X 15" AA	SSD 30" X 30" GUS'S LANE DETOUR M4-8 24" X 12" M6-3 21" X 15" AB	SSD 30" X 30" GUS'S LANE DETOUR M4-8 24" X 12" M5-1 R 21" X 15" AC	SSD 30" X 30" GUS'S LANE DETOUR M4-8 24" X 12" M6-1 21" X 15" AD
SSD 30" X 30" GUS'S LANE END DETOUR M4-8 A 24" X 18" AE	SSD 42" X 42" ED'S GROCERY ROAD DETOUR M4-8 24" X 12" M6-1 L 21" X 15" AF	SSD 42" X 42" ED'S GROCERY ROAD DETOUR M4-8 24" X 12" M5-1 R 21" X 15" AG	SSD 42" X 42" ED'S GROCERY ROAD DETOUR M4-8 24" X 12" M6-1 21" X 15" AH	SSD 42" X 42" ED'S GROCERY ROAD END DETOUR M4-8 A 24" X 18" AI	SSD 36" X 30" TYNER ROAD DETOUR M4-8 24" X 12" M6-3 21" X 15" AJ	SSD 36" X 30" TYNER ROAD DETOUR M4-8 24" X 12" M6-1 21" X 15" AK	SSD 36" X 30" TYNER ROAD END DETOUR M4-8 A 24" X 18" AL	SSD 42" X 42" FELTON ROGERS TRAIL PARK ROAD DETOUR M4-8 24" X 12" M6-1 L 21" X 15" AM	SSD 42" X 42" FELTON ROGERS TRAIL PARK ROAD DETOUR M4-8 24" X 12" M5-1 R 21" X 15" AN
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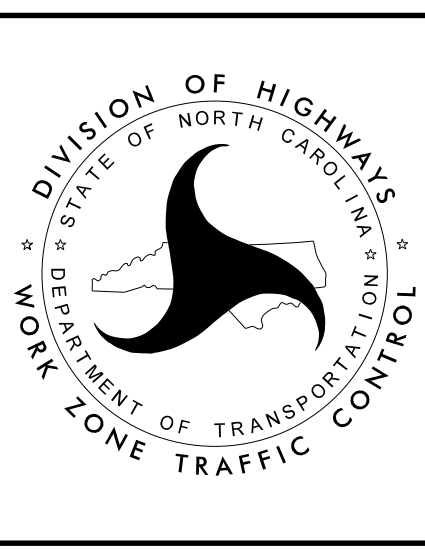
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APPROVED: *Bob A. May*  
 DATE: 4/7/2022

DESIGNED BY: *Bob A. May*  
 5108442423403

**PROFESSIONAL SEAL**  
 047751  
 ENGINEER  
 BOB A. MAY

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**SIGN AND DEVICE LEGEND**

# **MANAGEMENT STRATEGIES**

**CONSTRUCTION**

UPGRADE PRISON CAMP ROAD TO AN IMPROVED TWO-LANE/THREE LANE FACILITY WITH 12 FOOT LANES AND EITHER CURB & GUTTER OR FOUR FOOT FULL DEPTH PAVED SHOULDERS.

**TMP DESIGN PARAMETERS**

THIS PROJECT CONTAINS DAILY LANE, HOLIDAYS AND SPECIAL EVENTS RESTRICTIONS.

**GENERAL SEQUENCE OF CONSTRUCTION**

THIS PROJECT CONSISTS OF LANE CLOSURES WITH FLAGGING OPERATIONS AND/OR OFF-SITE DETOURS TO CONSTRUCT PROPOSED WIDENING OF PRISON CAMP ROAD, PROPOSED -Y- LINES, PROPOSED CULVERT, AND PROPOSED CROSS DRAINAGE.

**TRAFFIC MANAGEMENT STRATEGIES**

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

## **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
1. SR 1142 (PRISON CAMP ROAD)	7:00 A.M. - 9:00 A.M. 4:00 P.M. - 6:00 P.M. MONDAY - FRIDAY

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

ROAD NAME
1. SR 1142 (PRISON CAMP ROAD)

**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 A.M. DECEMBER 31st TO 6:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 6:00 P.M. THE FOLLOWING TUESDAY.
3. FOR EASTER, BETWEEN THE HOURS OF 7:00 A.M. THURSDAY AND 6:00 P.M. MONDAY.
4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY TO 6:00 P.M. TUESDAY.
5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 7:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE DAY AFTER INDEPENDENCE DAY.  
  
IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 7:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
6. FOR LABOR DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY AND 6:00 P.M. TUESDAY.
7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7:00 A.M. TUESDAY TO 6:00 P.M. MONDAY.
8. FOR CHRISTMAS, BETWEEN THE HOURS OF 7:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
9. FOR ANY SPECIAL EVENT OCCURRING AT SENATOR BOB MARTIN EASTERN AGRICULTURAL CENTER BETWEEN 4 HOURS BEFORE THE START AND 4 HOURS AFTER THE END OF THE SPECIAL EVENT.

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION AND OPERATION
1. PRISON CAMP ROAD	7:00 A.M. - 9:00 A.M. 4:00 P.M. - 6:00 P.M. MONDAY THRU FRIDAY	15 MINUTES, TRAFFIC OPERATIONS
2. NC 903	7:00 A.M. - 9:00 A.M. 4:00 P.M. - 6:00 P.M. MONDAY THRU FRIDAY	15 MINUTES, TRAFFIC OPERATIONS

H) 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**

- I) 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.
- J) 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.

- K) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- L) 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.
- M) 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.
- N) DO NOT INSTALL MORE THAN 1 MI OF LANE CLOSURE ON SR 1142 MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- O) DO NOT INSTALL MORE THAN 2 SIMULTANEOUS LANE CLOSURES IN ANY ONE DIRECTION ON SR 1142.
- P) PROVIDE A MINIMUM OF 1 MI BETWEEN LANE CLOSURES, MEASURED FROM THE END OF ONE CLOSURE TO THE FIRST SIGN OF THE NEXT LANE CLOSURE.

**PAVEMENT EDGE DROP OFF REQUIREMENTS**

R) 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.

S) 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 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

**TRAFFIC PATTERN ALTERATIONS**

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


**SIGNING**

- U) 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.
- V) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

AND

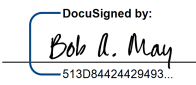
PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

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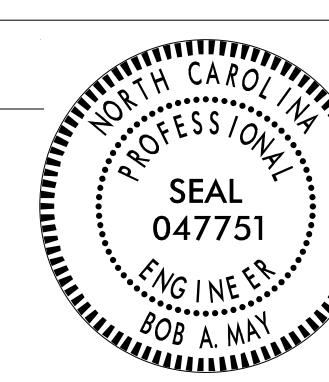


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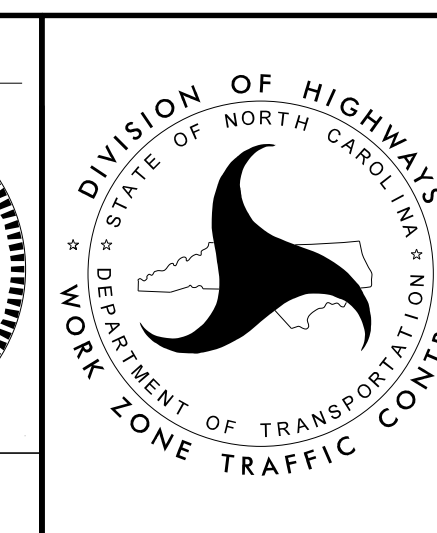
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
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DATE: 4/7/2022



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## TRANSPORTATION OPERATIONS PLAN



### GENERAL NOTES (CONT)

W) 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.

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

Y) 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 CONTROL DEVICES**

BB) 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.

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

DD) 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**

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

ROAD NAME	MARKING	MARKER
1. ALL ROADS	PAINT	NONE

HH) 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.

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

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

**MISCELLANEOUS**

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

MM) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) 350 FT/MI AND 350 FT/MI RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

PP) ALL STATIONS ARE CONSIDERED +/- UNLESS OTHERWISE SHOWN ON THE PLANS.

**EXTRA NOTES**

QQ) WHEN CONSTRUCTING DRAINAGE STRUCTURES ADJACENT TO TRAFFIC, INSTALL TEMPORARY STEEL PLATES, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR MAY WORK EACH LOCATION INDEPENDENTLY OR CONCURRENTLY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. WORK IN A CONTINUOUS MANNER TO PERFORM THE WORK IN THE FOLLOWING SEQUENCE, STEPS '1' THRU '5'.

1: CLOSE THE APPROPRIATE TRAVEL LANE TO TRAFFIC USING ROADWAY STANDARD DRAWING NO. 1101.02.

2: CONSTRUCT PROPOSED STRUCTURE OR INSTALL PRE-CAST DRAINAGE STRUCTURE AS SHOWN IN THE CONSTRUCTION PLANS AND COVER WITH STEEL PLATES TO PROTECT STRUCTURE DURING CURING.

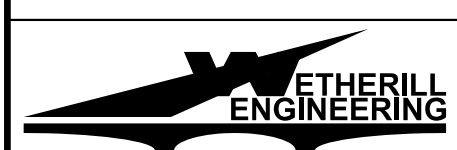
3: OPEN TRAVEL LANE TO EXISTING TRAFFIC PATTERN BY THE END OF EACH WORK PERIOD.

4: WHEN PROPERLY CURED, CLOSE THE APPROPRIATE TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02. BACKFILL & PAVE, IF REQUIRED, UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT (SEE CONSTRUCTION PLANS).

5: OPEN TRAVEL LANE TO EXISTING TRAFFIC PATTERN BY THE END OF THE WORK PERIOD.

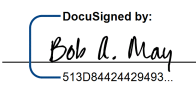
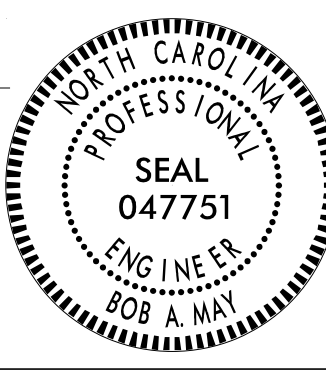

HH) INSTALL PORTABLE CHANGEABLE MESSAGE SIGNS AT LEAST 7 DAYS IN ADVANCE OF IMPLEMENTING OFFSITE DETOURS NOTIFYING MOTORISTS OF THE DATE OF ROAD CLOSURE. PORTABLE CHANGEABLE MESSAGE SIGNS SHOULD BE INSTALLED AT THE LIMITS OF ROAD CLOSURE; ONE FOR EACH DIRECTION OF TRAVEL.

3/4/2022 10:17:50 AM R-4705-FindTraffic\Traffic\WZTC\TMP\Sheets\R-4705\_TC\_TMP\_01E\_TOP.dgn User:rahayes



1223 Jones Franklin Rd.  
Raleigh, N.C. 27606  
License No. F-0377  
Bus: 919 851 8077  
Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

<p>APPROVED: </p> <p>DATE: 4/7/2022</p>			<p><b>TRANSPORTATION OPERATIONS PLAN</b></p>
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SIGN NUMBER: name TYPE: D QUANTITY: 1 SIGN WIDTH: 3'-0" HEIGHT: 3'-6" TOTAL AREA: 10.5 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.38" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: LENGTH:	BACKG COLOR: Orange COPY COLOR: Black SYMBOL X Y WID HT MAT'L: 0.063" (1.6 mm) ALUMINUM 0.080" (2.0 mm) ALUMINUM 0.125" (3.2 mm) ALUMINUM	DESIGN BY: DAH PROJECT ID: R-4705 CHECKED BY: WEI LOCATION: OFFSITE DETOUR Feb 23, 2022 DIV: 1
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USE NOTES:  
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.  
 2. Background shall be Grade A, B, or C reflective sheeting.  
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.  
 4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be on 0.032" aluminum, black non-reflective sheeting an demountable. Yellow panel is:

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LETTER POSITIONS

Letter locations are panel edge to lower left corner

P	R	I	S	O	N	Series/Size	Text Length
6.4	11	15.4	17.2	21.5	26.2	C 2000	23.2
C	A	M	P			C 2000	17.4
R	O	A	D			C 2000	16.6

FILENAME: R-4705\_TC\_BTMP\_DETOURS NORTH CAROLINA D.O.T. SIGN DETAIL

LETTER POSITIONS

Letter locations are panel edge to lower left corner

R	A	C	E	T	R	A	C	K	Series/Size	Text Length
10	13.9	18.4	23						C 2000	16.1
T	R	A	C	K					C 2000	20.3
R	O	A	D						C 2000	16.6

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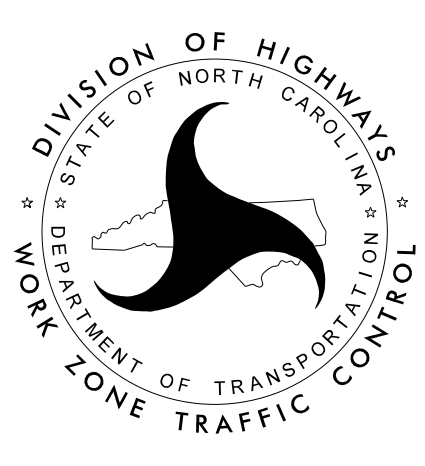
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S	A	M	E	V	E	R	E	T	T	Series/Size	Text Length
14.7	18.6	23.3								C 2000	12.5
E	V	E	R	E	T	T				C 2000	26.7
R	O	A	D							C 2000	16.6

FILENAME: R-4705\_TC\_BTMP\_DETOURS NORTH CAROLINA D.O.T. SIGN DETAIL

APPROVED: *Bob A. May*  
 DATE: 4/7/2022

DOCUMENT NOT CONSIDERED FINAL  
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SPECIAL SIGN DESIGNS

3/4/2022 3:20:17 PM R:\4705-Find\Traffic\WZTC\TMP\Sheets\R-4705\_TC\_TMP\_02 SSD.dgn User:ahayes



<p><b>SIGN NUMBER:</b> name TYPE: D QUANTITY: 1</p> <p><b>SIGN WIDTH:</b> 2'-6" <b>HEIGHT:</b> 2'-6" <b>TOTAL AREA:</b> 6.3 Sq.Ft.</p> <p><b>BORDER TYPE:</b> FLUSH RECESS: 0.38" WIDTH: 0.63" RADII: 1.5"</p> <p><b>NO. Z BARS:</b> LENGTH:</p>	<p><b>BACKG COLOR:</b> Orange <b>COPY COLOR:</b> Black</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> <p>MAT'L: 0.063" (1.6 mm) ALUMINUM 0.080" (2.0 mm) ALUMINUM 0.125" (3.2 mm) ALUMINUM</p>	SYMBOL	X	Y	WID	HT																										<p><b>DESIGN BY:</b> DAH <b>PROJECT ID:</b> R-4705</p> <p><b>CHECKED BY:</b> WEI <b>LOCATION:</b> OFFSITE DETOUR</p> <p>Feb 23, 2022 DIV: 1</p>	<div style="text-align: center;"> </div>						
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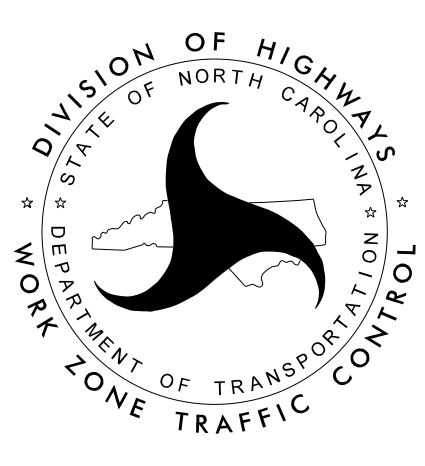
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APPROVED:   
DATE: 4/7/2022

DESIGNED BY: Bob A. May  
513042420493

NORTH CAROLINA  
PROFESSIONAL  
SEAL  
047751  
ENGINEER  
BOB A. MAY

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



SPECIAL SIGN DESIGNS

3/4/2022 3:20:17 PM User: jhoyes

SIGN NUMBER: name TYPE: B QUANTITY: 1 SIGN WIDTH: 4'-0" HEIGHT: 4'-0" TOTAL AREA: 16.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.38" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: 2 LENGTH: 40.0	BACKG COLOR: Orange COPY COLOR: Black SYMBOL X Y WID HT	DESIGN BY: DAH PROJECT ID: R-4705 CHECKED BY: WEI LOCATION: OFFSITE DETOUR Feb 23, 2022 DIV: 1	
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Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

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Letter	Series/Size	Text Length
F E L T O N	C 2000	23.3
R O G E R S	C 2000	25
T R A I L P A R K	C 2000	40.2
R O A D	C 2000	16.6

FILENAME: R-4705\_TC\_BTMP\_DETOURS NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: name TYPE: D QUANTITY: 1 SIGN WIDTH: 3'-6" HEIGHT: 3'-6" TOTAL AREA: 12.3 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.38" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: LENGTH:	BACKG COLOR: Orange COPY COLOR: Black SYMBOL X Y WID HT	DESIGN BY: DAH PROJECT ID: R-4705 CHECKED BY: WEI LOCATION: OFFSITE DETOUR Feb 23, 2022 DIV: 1	
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------	--

**USE NOTES:**

- Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade A, B, or C reflective sheeting.
- Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be on 0.032" aluminum, black non-reflective sheeting and demountable. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter	Series/Size	Text Length
K E H U K E E	C 2000	29.3
P A R K	C 2000	16.5
R O A D	C 2000	16.6

FILENAME: R-4705\_TC\_BTMP\_DETOURS NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: name TYPE: D QUANTITY: 1 SIGN WIDTH: 3'-6" HEIGHT: 2'-6" TOTAL AREA: 8.8 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.38" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: LENGTH:	BACKG COLOR: Orange COPY COLOR: Black SYMBOL X Y WID HT	DESIGN BY: DAH PROJECT ID: R-4705 CHECKED BY: WEI LOCATION: OFFSITE DETOUR Feb 23, 2022 DIV: 1	
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------	--

**USE NOTES:**

- Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade A, B, or C reflective sheeting.
- Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be on 0.032" aluminum, black non-reflective sheeting and demountable. Yellow panel is:

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

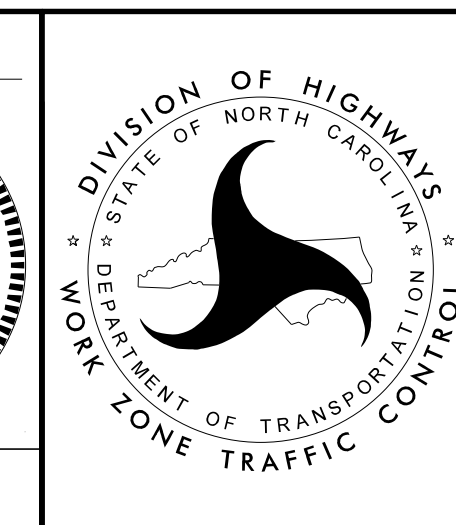
Letter	Series/Size	Text Length
C O L L E G E	C 2000	28.6
R O A D	C 2000	16.6

FILENAME: R-4705\_TC\_BTMP\_DETOURS NORTH CAROLINA D.O.T. SIGN DETAIL

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

APPROVED: *Bob A. May*  
 DATE: 4/7/2022

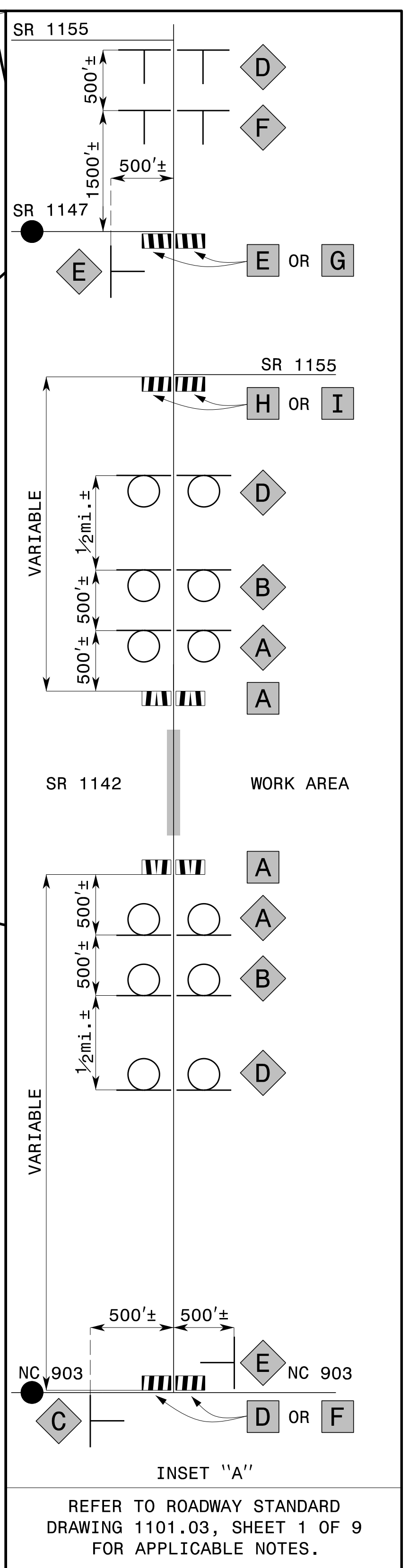
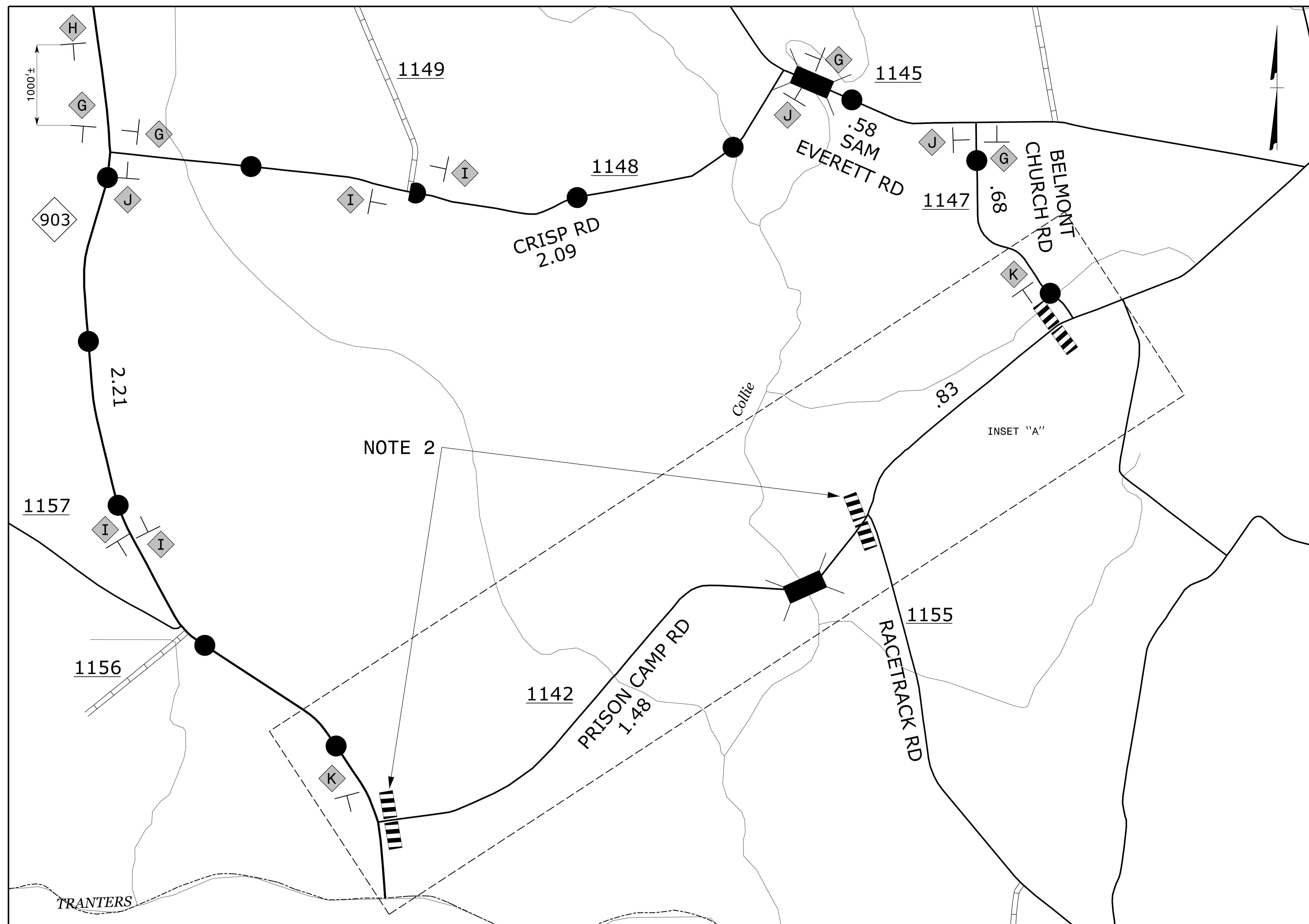
**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**



SPECIAL SIGN DESIGNS

3/4/2022  
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NOTE 2

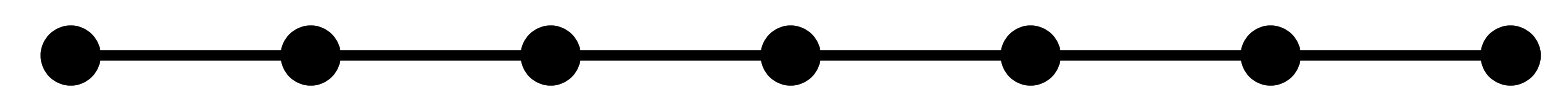
INSET "A"

REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9 FOR APPLICABLE NOTES.

- NOTES: 1) SEE SHEETS TMP-01B AND TMP-01C FOR OFFSITE DETOUR SIGN AND DEVICE LEGEND.  
 2) WHEN CLOSING THE ROADWAY TO PERFORM WORK WITHIN A SPECIFIC WORK AREA, PORTABLE SIGNING MAY BE USED BETWEEN THE TYPE III WING BARRICADES IF THE ROAD WILL BE CLOSED FOR 3 DAYS OR LESS, PER THE DISCRETION OF THE ENGINEER.  
 3) INSTALL THE ROAD CLOSURE SIGNING BETWEEN THE TYPE III WING BARRICADES AS THE 'VARIABLE' LENGTH OF ROADWAY WILL ALLOW, BEGINNING FROM THE WORK AREA OUTWARD TO THE TYPE III WING BARRICADES.  
 4) ADJUST SIGNING WITHIN THE TYPE III WING BARRICADES AS THE WORK AREA CHANGES FROM ONE LOCATION TO ANOTHER.

**ETHERILL ENGINEERING**  
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 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

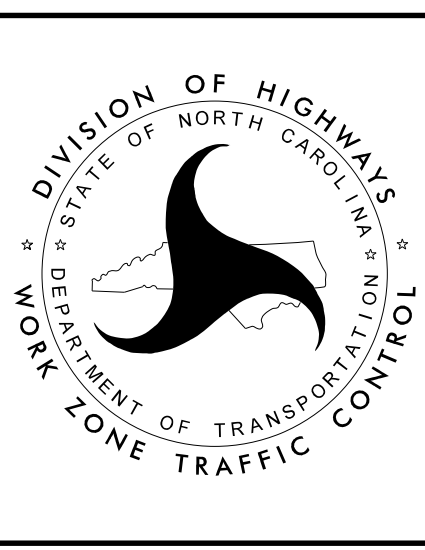


OFFSITE DETOUR ROUTE

APPROVED: *Bob A. May*  
 DATE: 4/7/2022

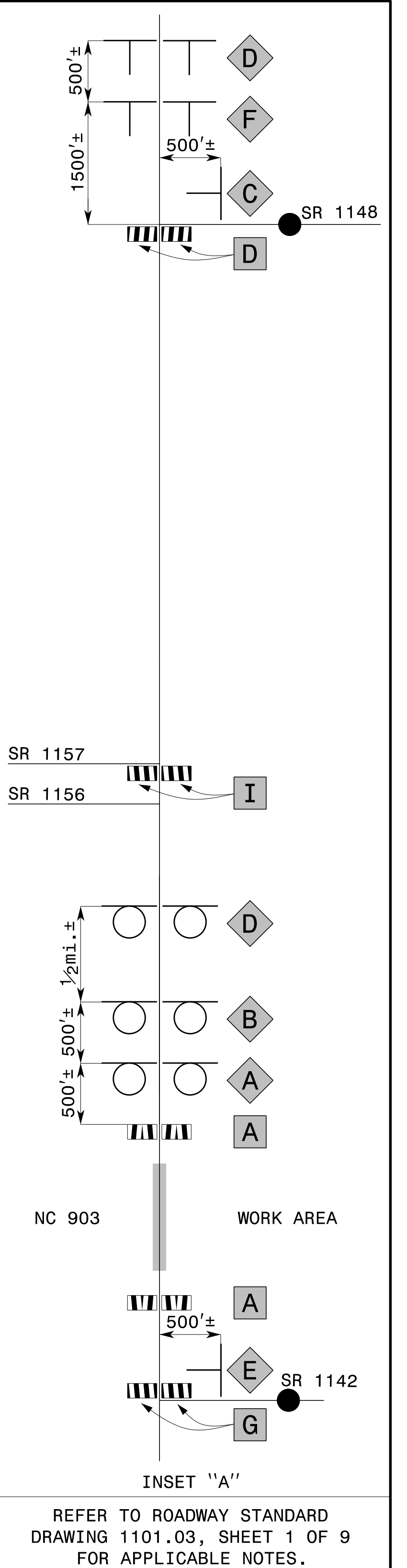
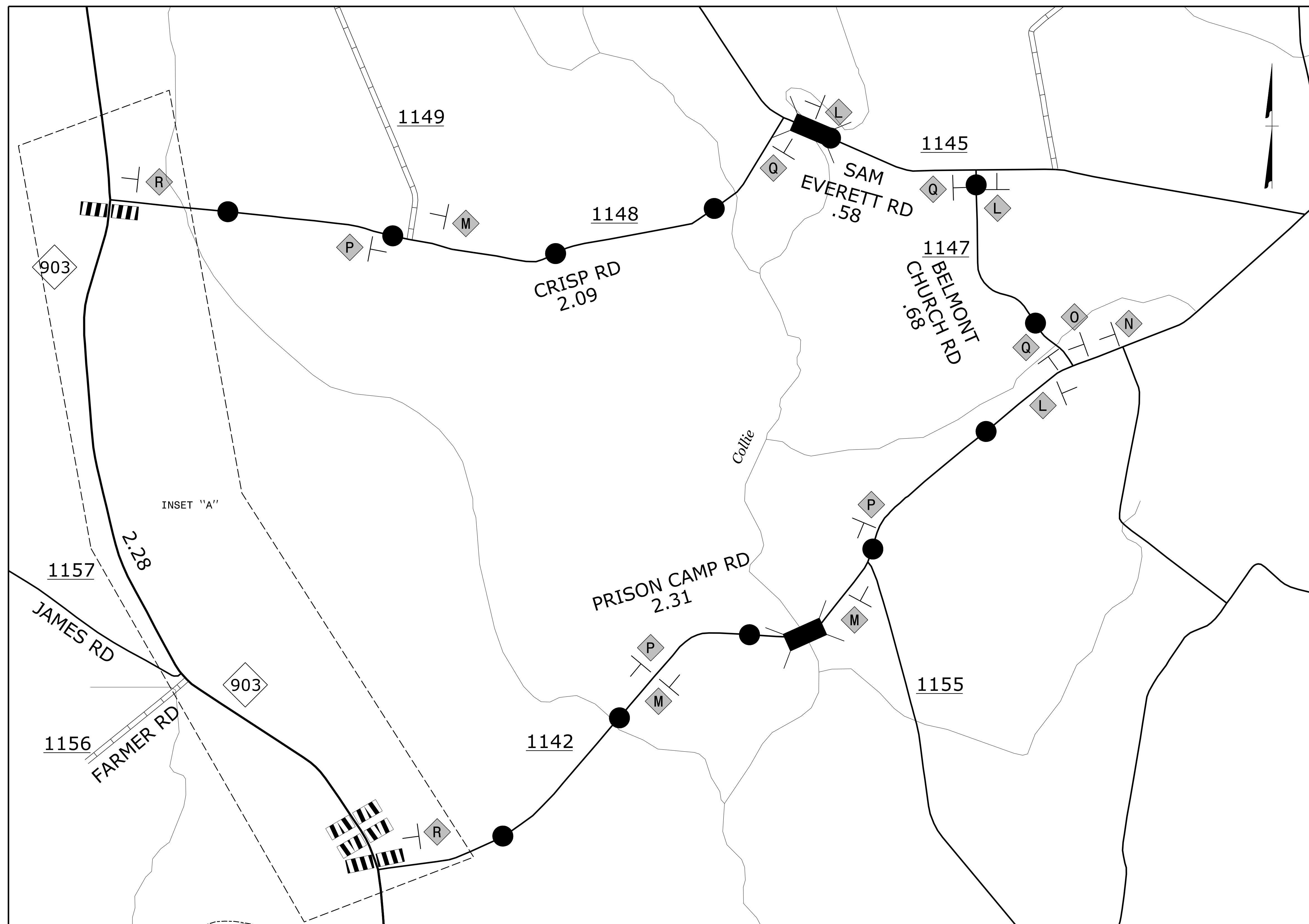
**PROFESSIONAL SEAL**  
 NORTH CAROLINA  
 SEAL 047751  
 ENGINEER  
 BOB A. MAY

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



-L- (SR 1142) FROM NC 903 TO SR 1155 OFFSITE DETOUR

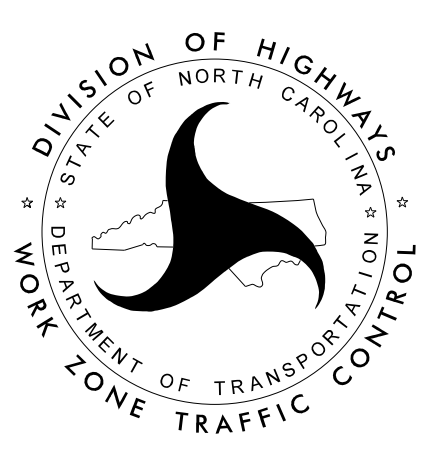
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 User: jhaley



NOTES: 1) SEE SHEETS TMP-01B AND TMP-01C FOR OFFSITE DETOUR SIGN AND DEVICE LEGEND.  
 2) WHEN CLOSING THE ROADWAY, PORTABLE SIGNING MAY BE USED TO CLOSE THE ROADWAY AND ON THE OFFSITE DETOUR ROUTE IF THE ROAD WILL BE CLOSED FOR 3 DAYS OR LESS, PER THE DISCRETION OF THE ENGINEER.

APPROVED: *Bob A. May*  
 DATE: 4/7/2022  
 SEAL: 047751  
 ENGINEER: BOB A. MAY

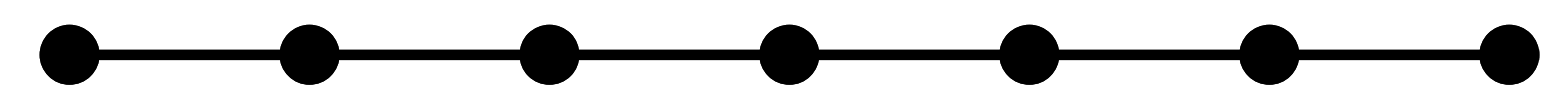
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NC 903  
 OFFSITE DETOUR

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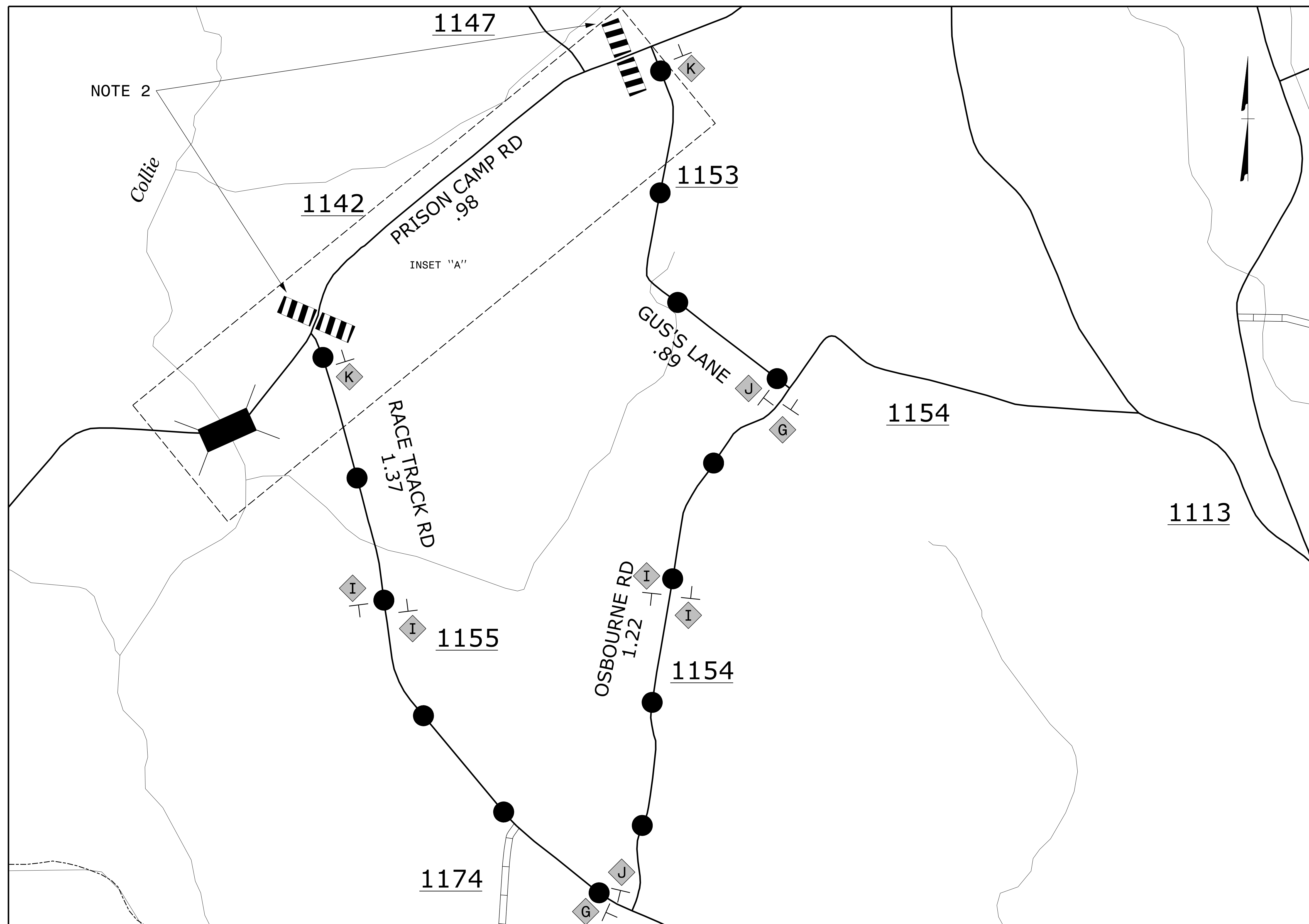
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



OFFSITE DETOUR ROUTE

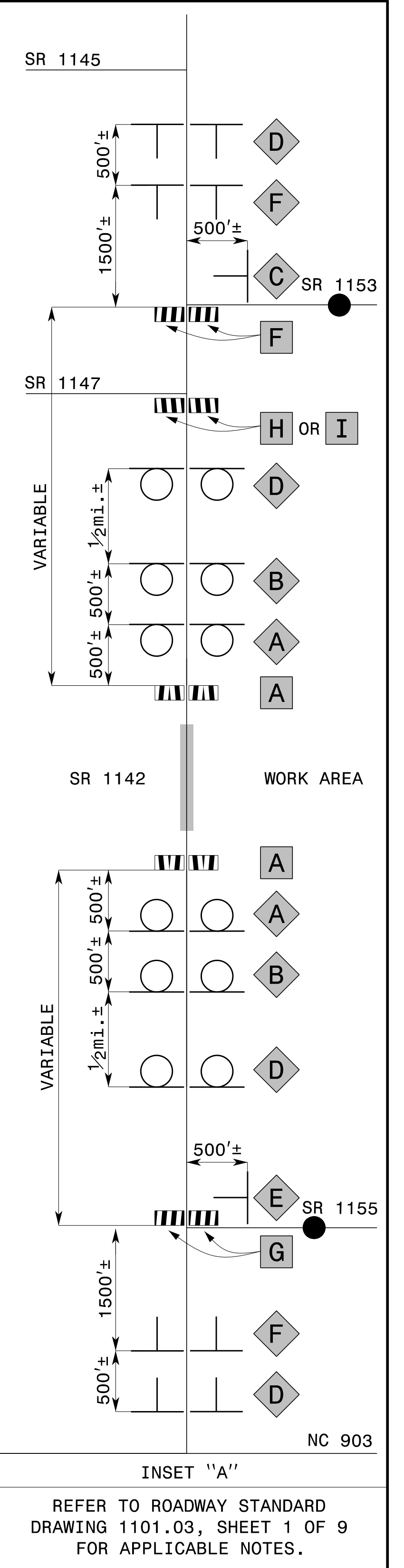
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 User: jh101





NOTE 2

INSET "A"

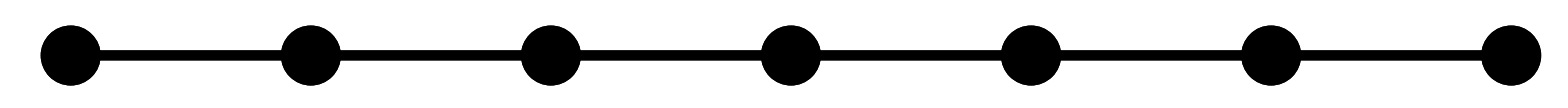


REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9 FOR APPLICABLE NOTES.

- NOTES: 1) SEE SHEETS TMP-01B AND TMP-01C FOR OFFSITE DETOUR SIGN AND DEVICE LEGEND.  
 2) WHEN CLOSING THE ROADWAY TO PERFORM WORK WITHIN A SPECIFIC WORK AREA, PORTABLE SIGNING MAY BE USED BETWEEN THE TYPE III WING BARRICADES IF THE ROAD WILL BE CLOSED FOR 3 DAYS OR LESS, PER THE DISCRETION OF THE ENGINEER.  
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

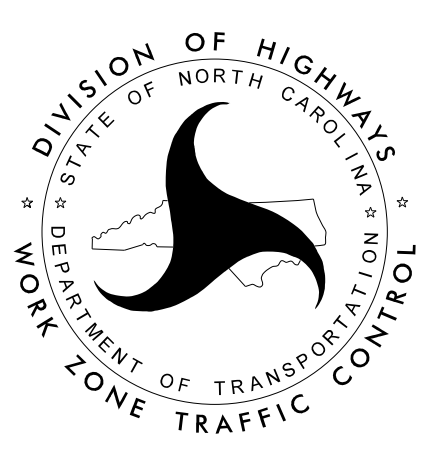


OFFSITE DETOUR ROUTE

APPROVED: *Bob A. May*  
 DATE: 4/7/2022

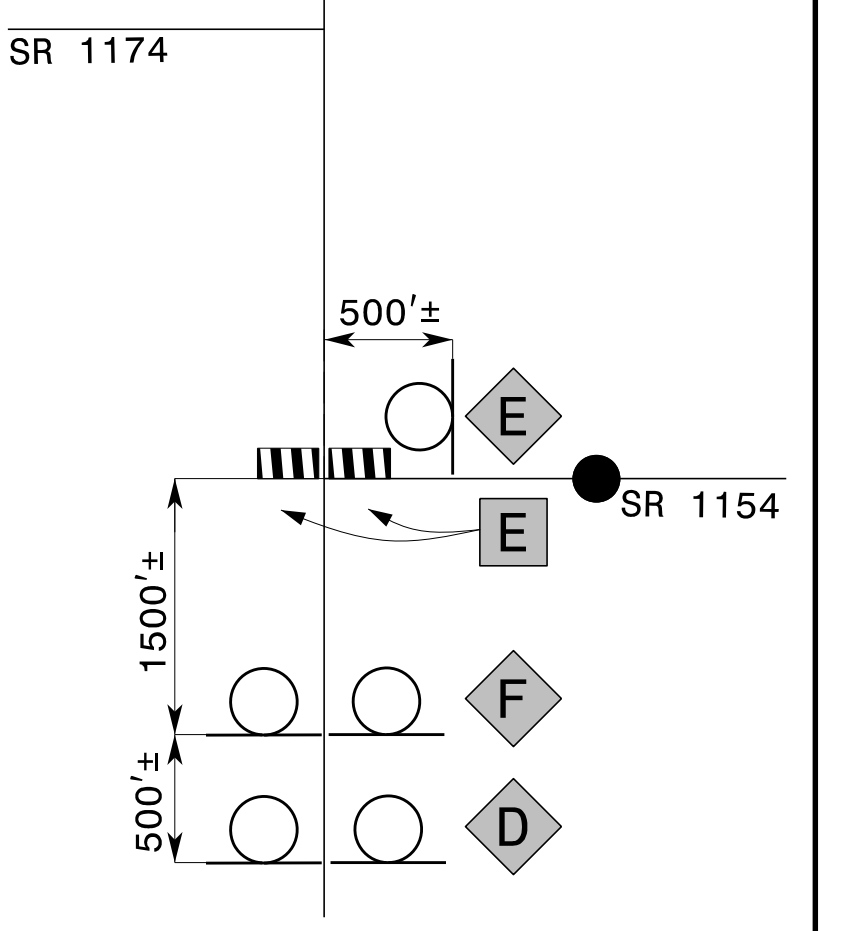
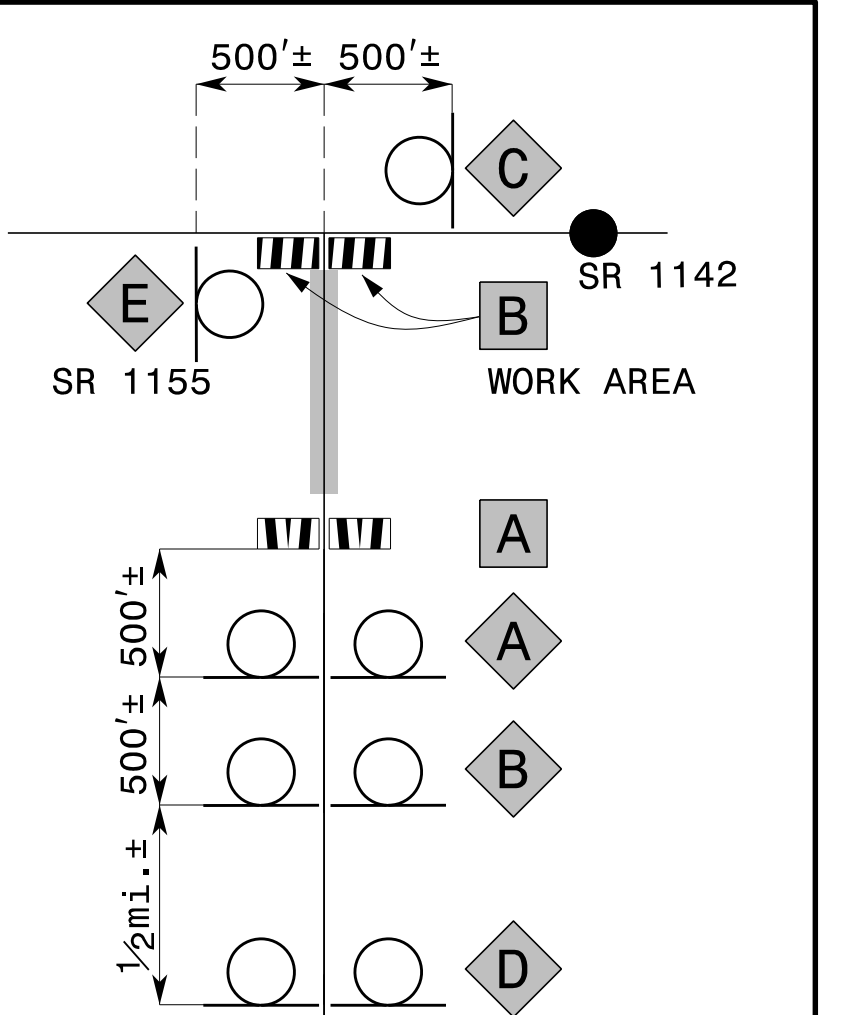
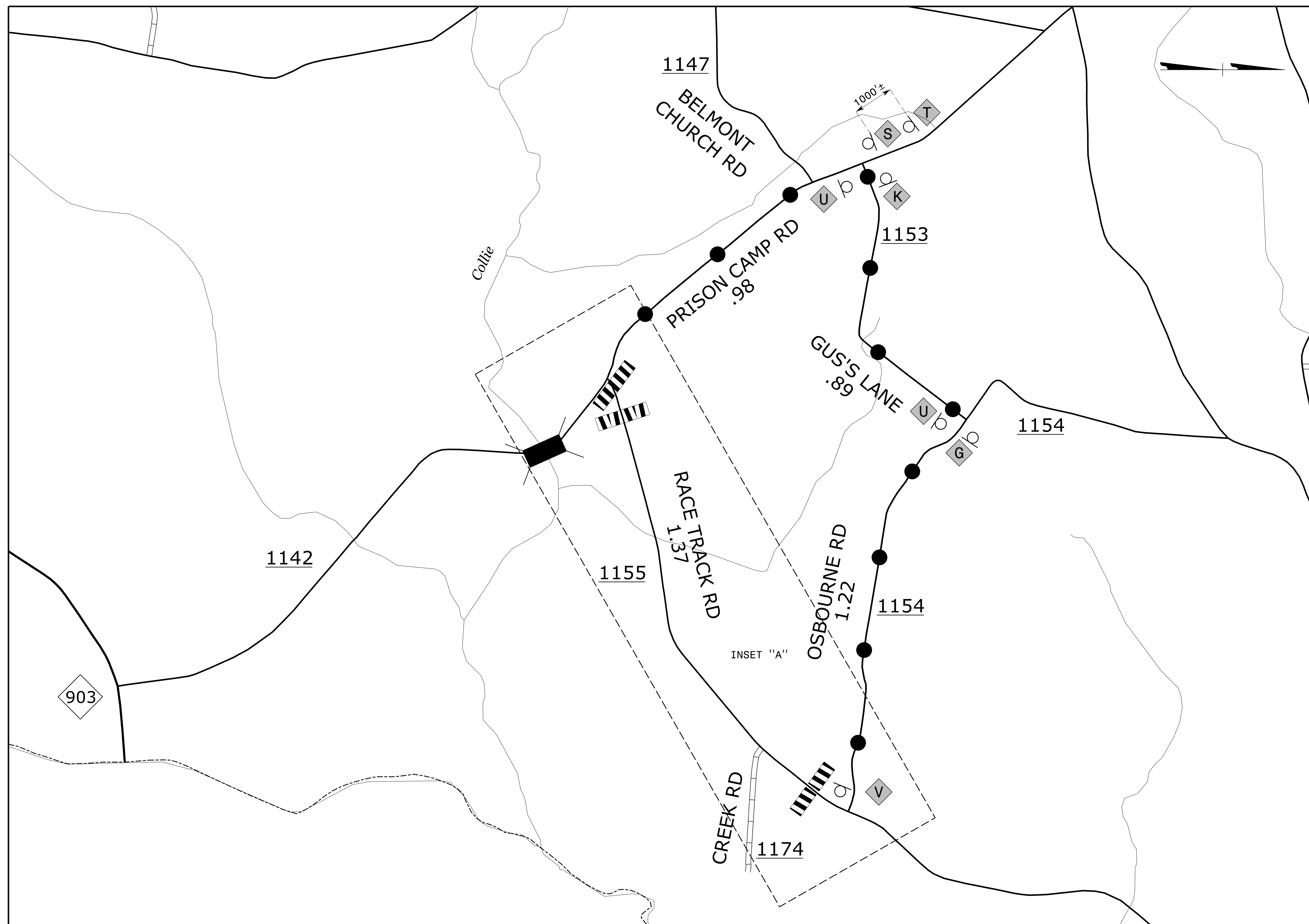
**PROFESSIONAL SEAL**  
 NORTH CAROLINA  
 ENGINEER  
 047751  
 BOB A. MAY

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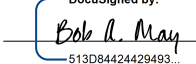
-L- (SR 1142) FROM SR 1155 TO SR 1153 OFFSITE DETOUR


3/14/2022  
 3/20/2022  
 User: jh104



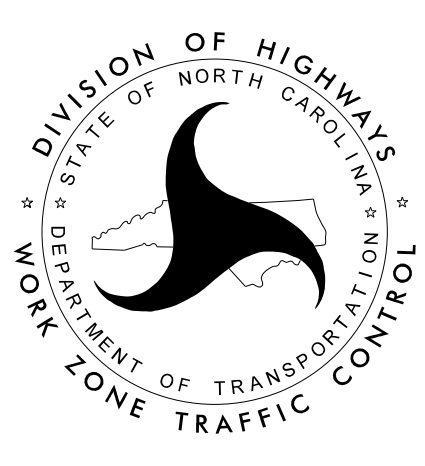
REFER TO ROADWAY STANDARD  
DRAWING 1101.03, SHEET 1 OF 9  
FOR APPLICABLE NOTES.

NOTES: 1) SEE SHEETS TMP-01B AND TMP-01C FOR OFFSITE DETOUR SIGN AND DEVICE LEGEND.  
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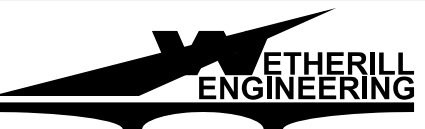
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DATE: 4/7/2022



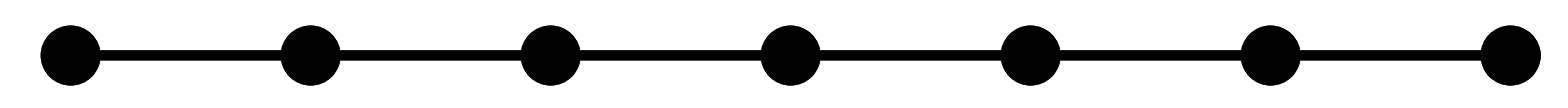
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UNLESS ALL SIGNATURES COMPLETED**



**SR 1155  
OFFSITE DETOUR**

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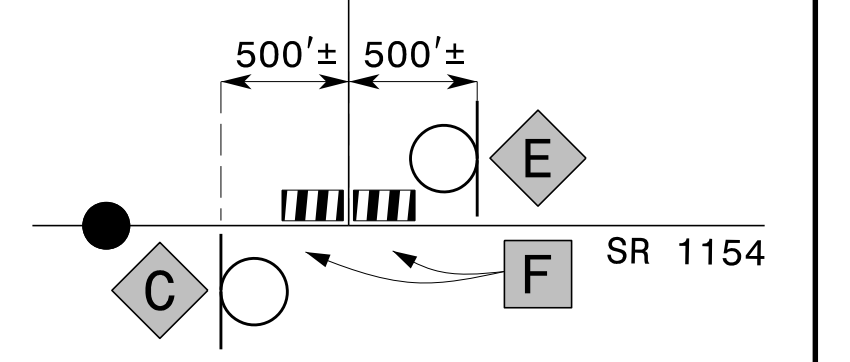
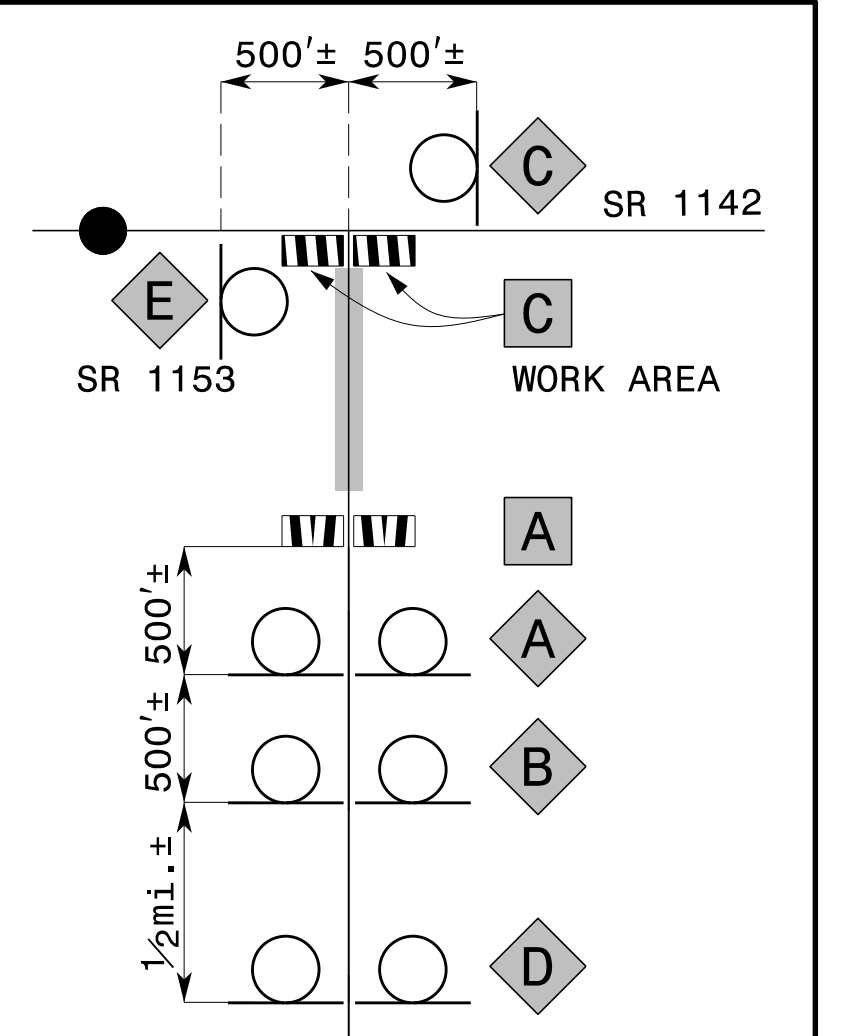
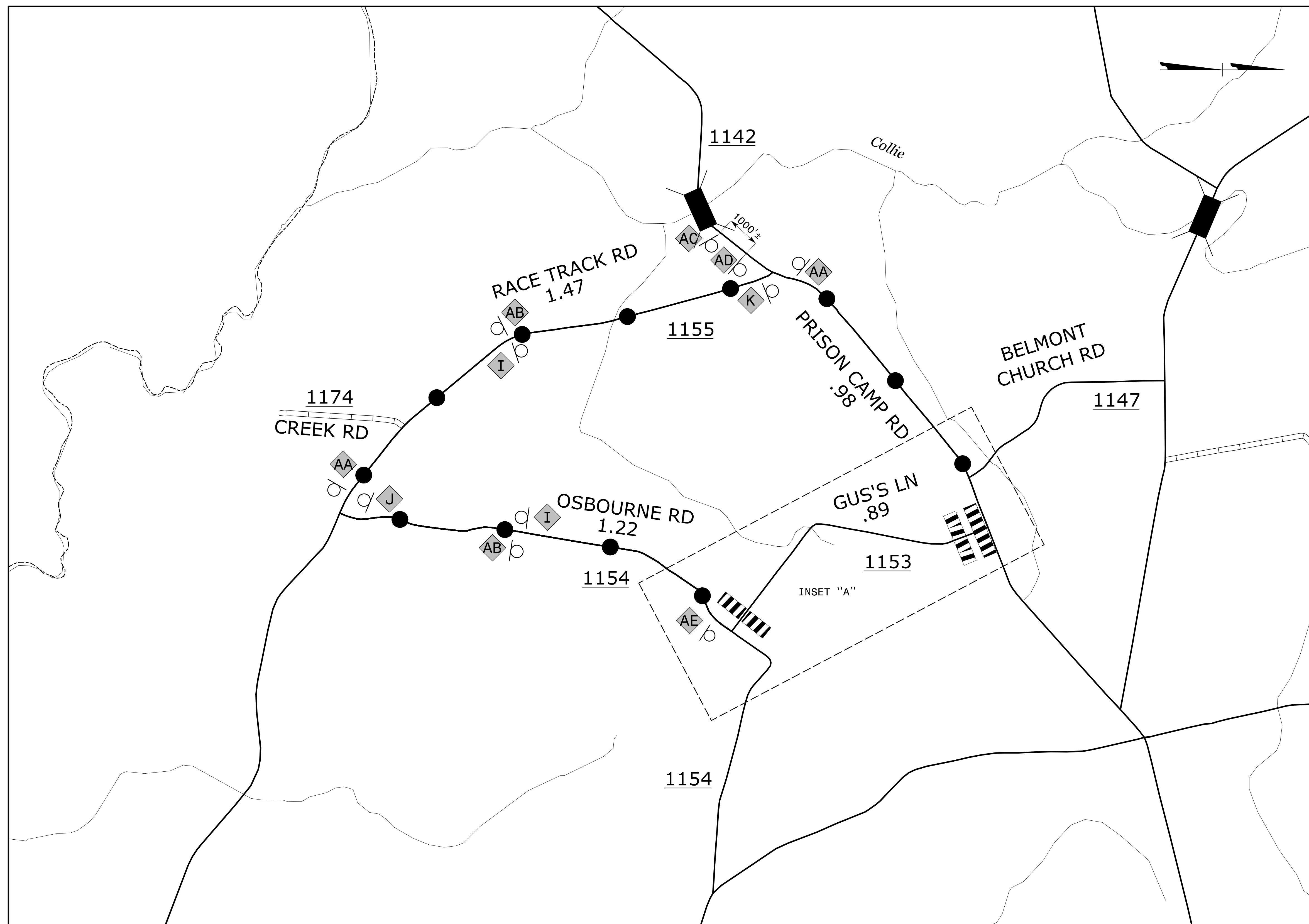
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CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



**OFFSITE DETOUR ROUTE**

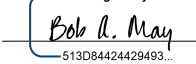
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User: jh101






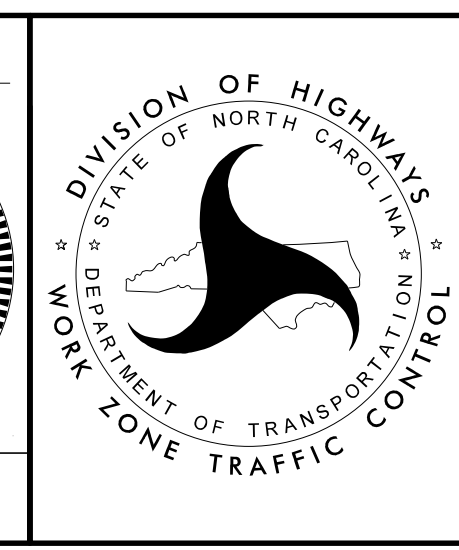
INSET "A"  
REFER TO ROADWAY STANDARD  
DRAWING 1101.03, SHEET 1 OF 9  
FOR APPLICABLE NOTES.

NOTES: 1) SEE SHEETS TMP-01B AND TMP-01C FOR OFFSITE DETOUR SIGN AND DEVICE LEGEND.  
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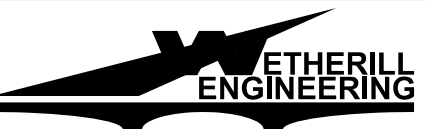
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DATE: 4/7/2022



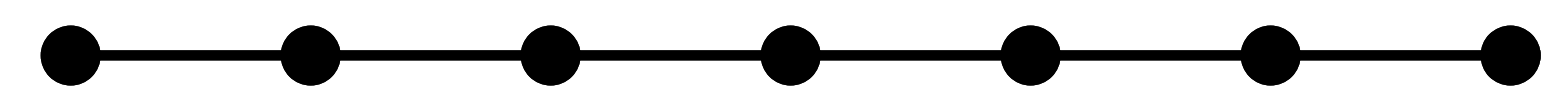
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



SR 1153  
OFFSITE DETOUR

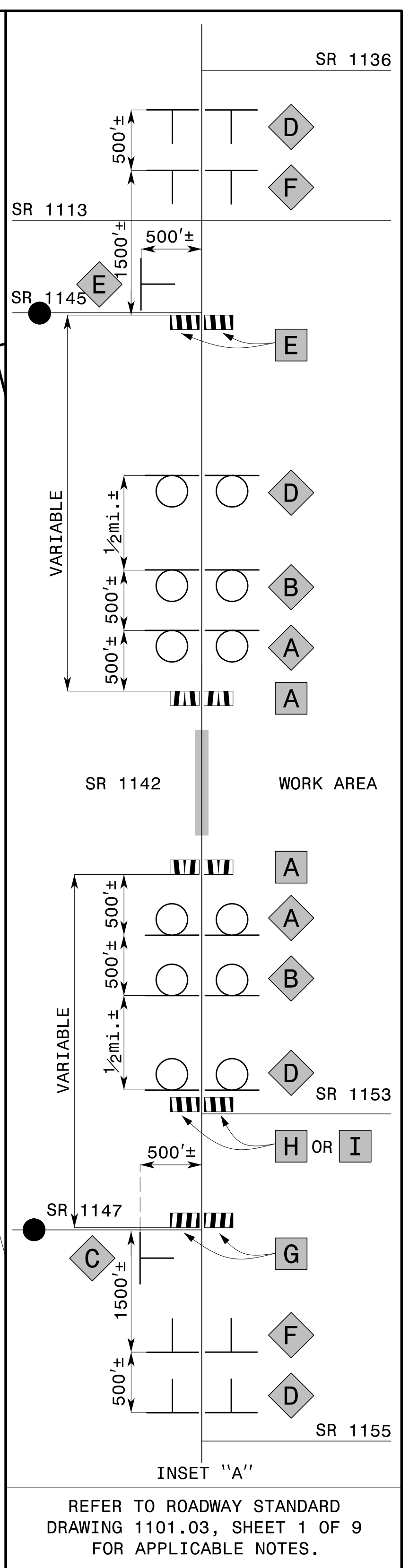
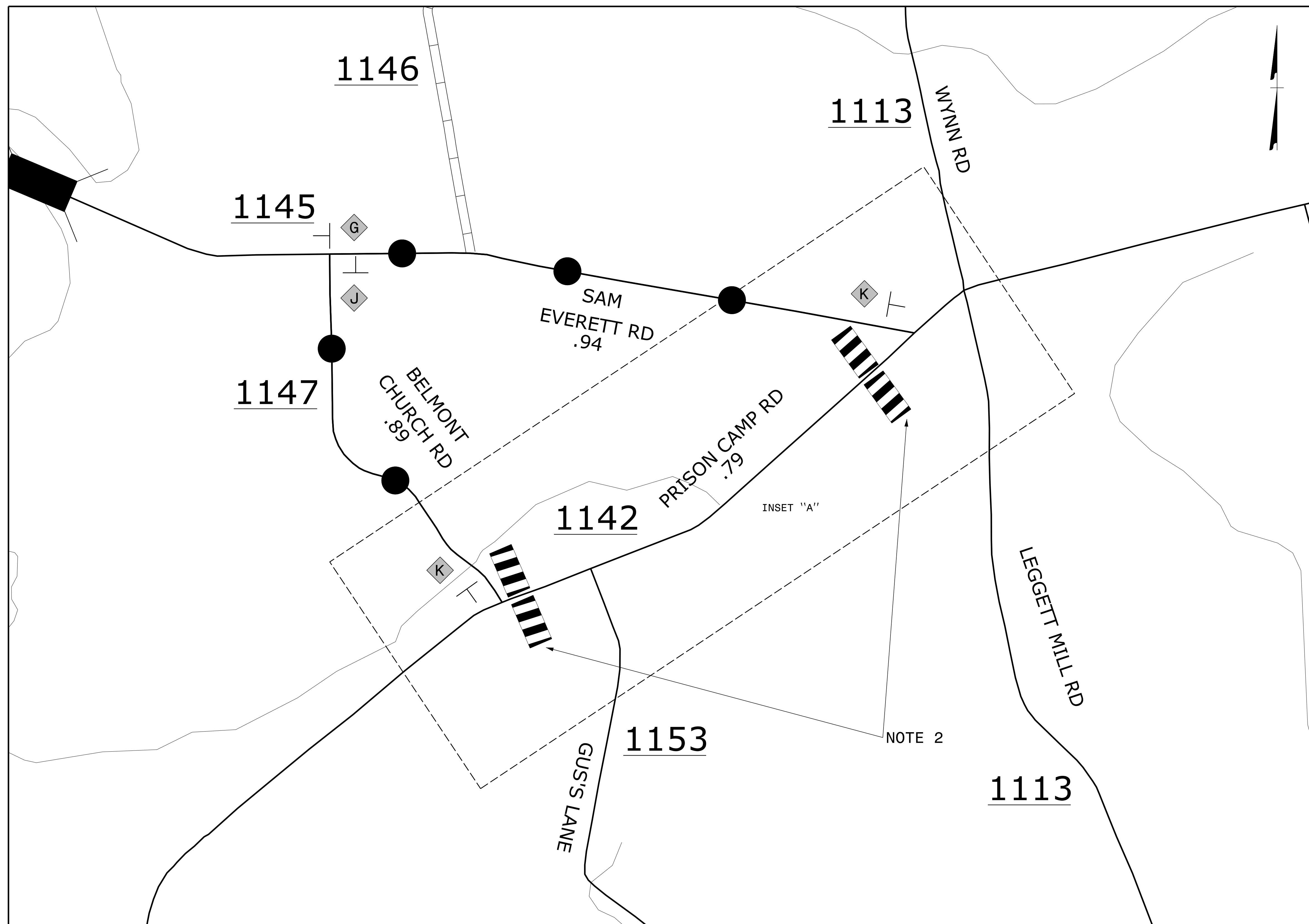
 1223 Jones Franklin Rd.  
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



OFFSITE DETOUR ROUTE

3/14/2022  
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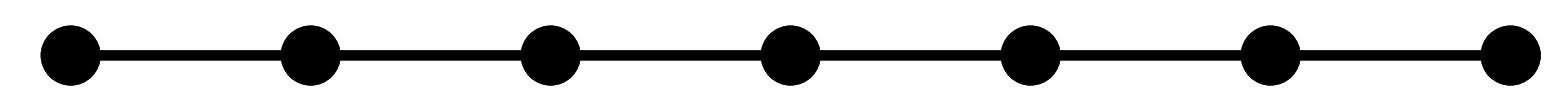


REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9 FOR APPLICABLE NOTES.

- NOTES: 1) SEE SHEETS TMP-01B AND TMP-01C FOR OFFSITE DETOUR SIGN AND DEVICE LEGEND.  
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

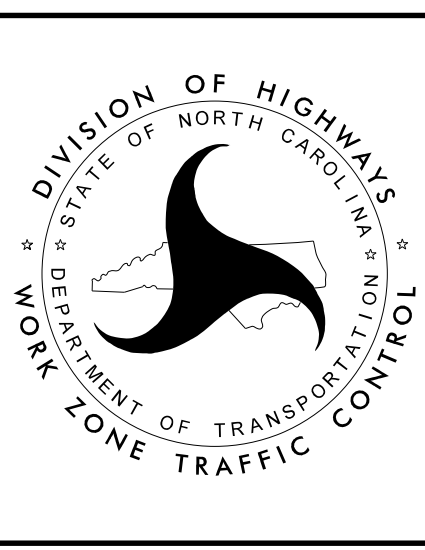


OFFSITE DETOUR ROUTE

APPROVED: *Bob A. May*  
 DATE: 4/7/2022

**PROFESSIONAL SEAL**  
 NORTH CAROLINA  
 SEAL 047751  
 ENGINEER  
 BOB A. MAY

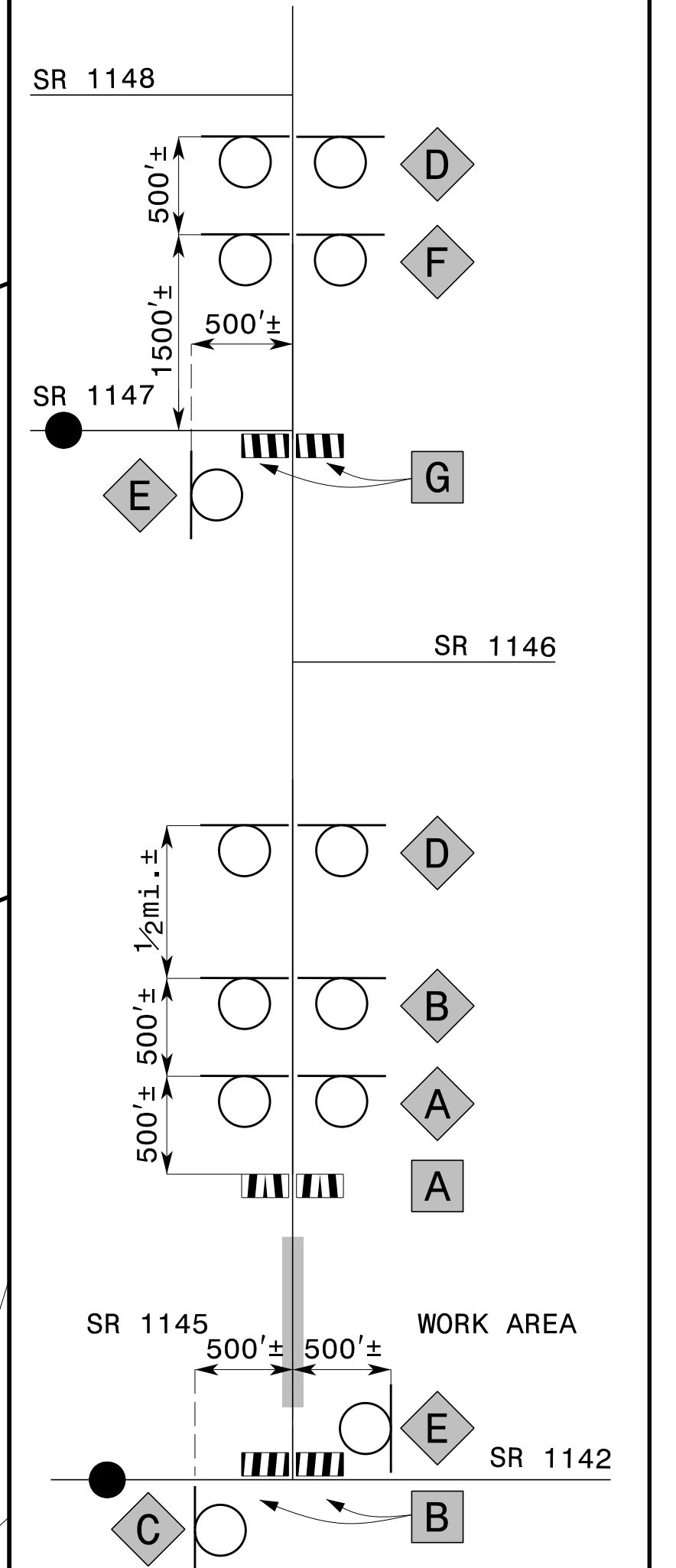
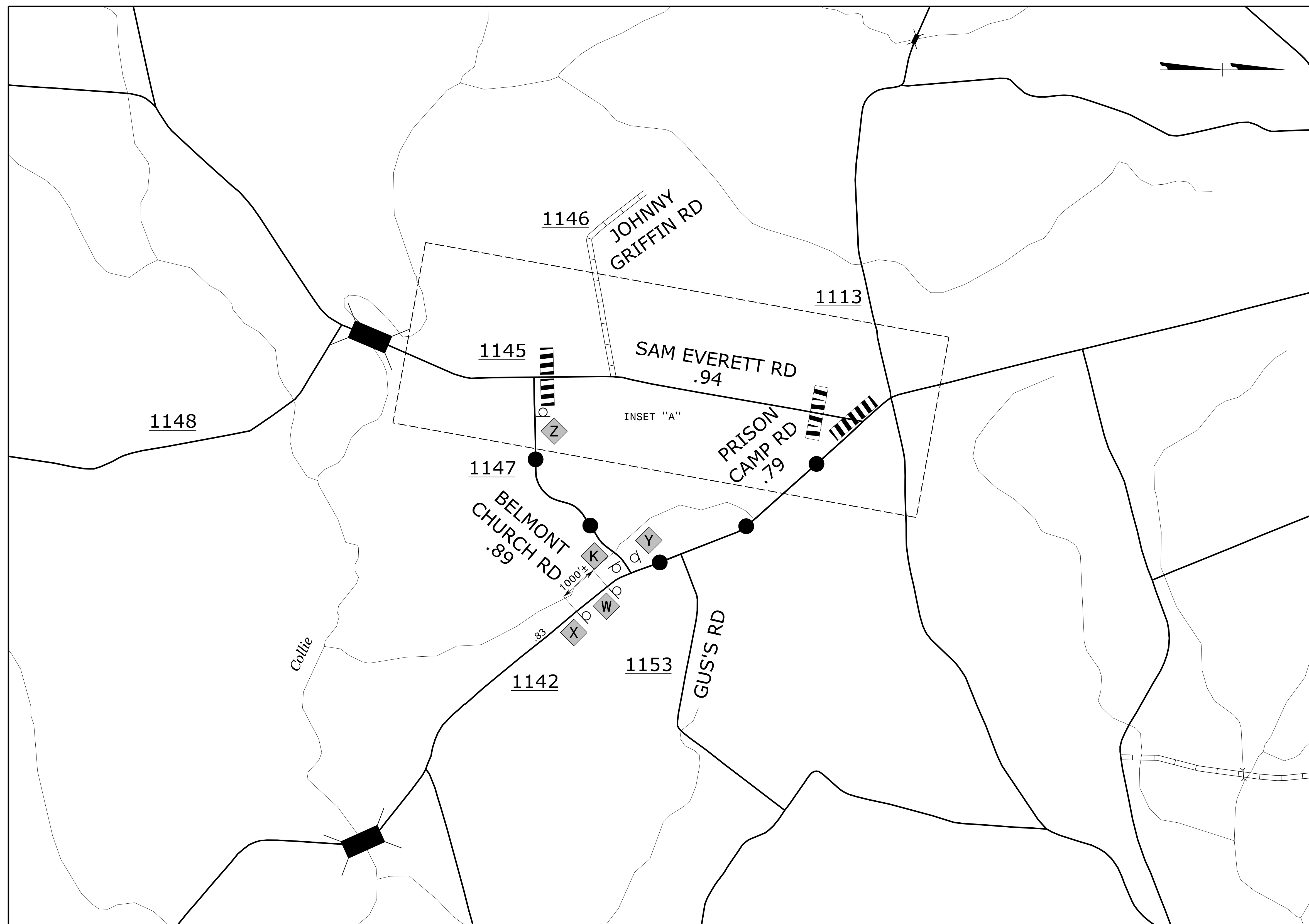
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-L- (SR 1142) FROM SR 1147 TO SR 1145 OFFSITE DETOUR

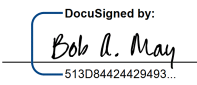
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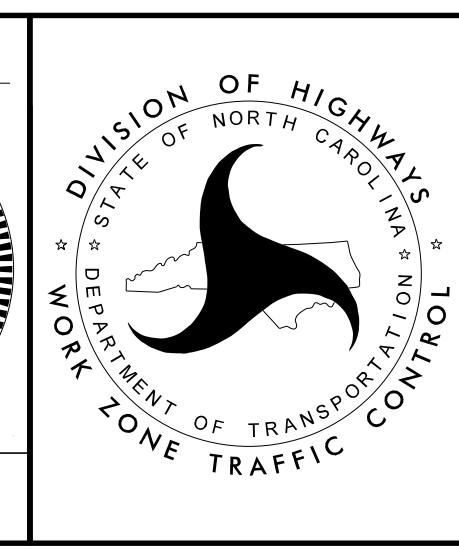
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 REFER TO ROADWAY STANDARD  
 DRAWING 1101.03, SHEET 1 OF 9  
 FOR APPLICABLE NOTES.

NOTES: 1) SEE SHEETS TMP-01B AND TMP-01C FOR OFFSITE DETOUR SIGN AND DEVICE LEGEND.  
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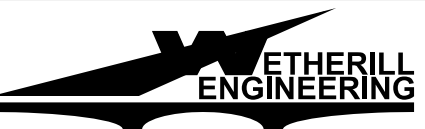
APPROVED:   
 DATE: 4/7/2022



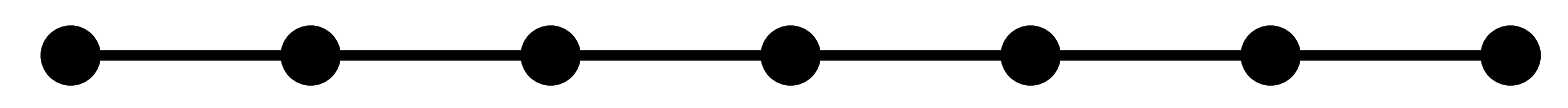
**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**



SR 1145  
 OFFSITE DETOUR

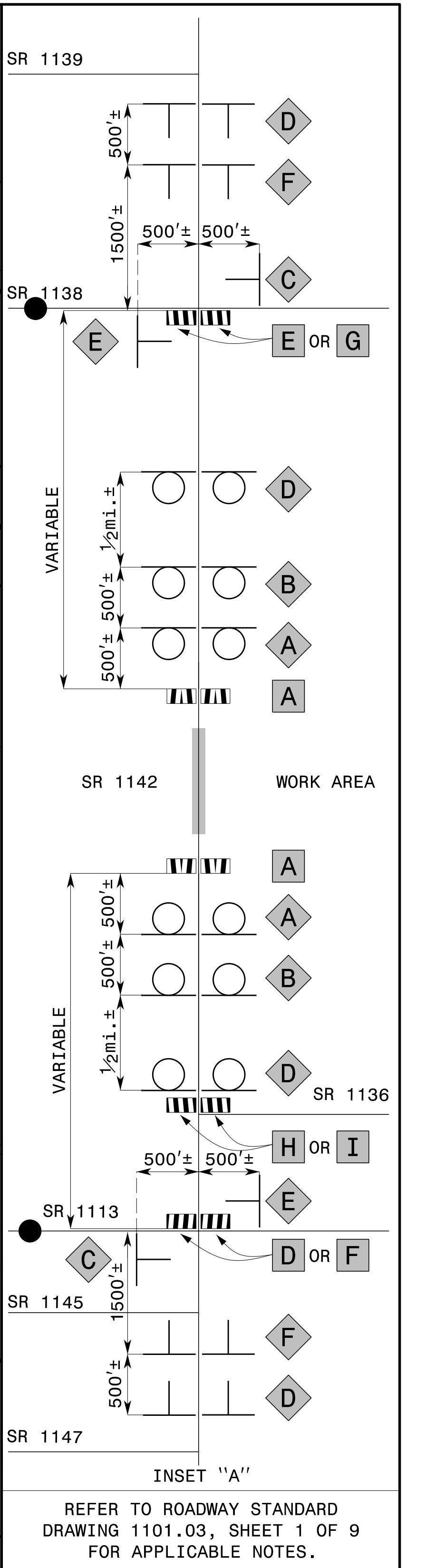
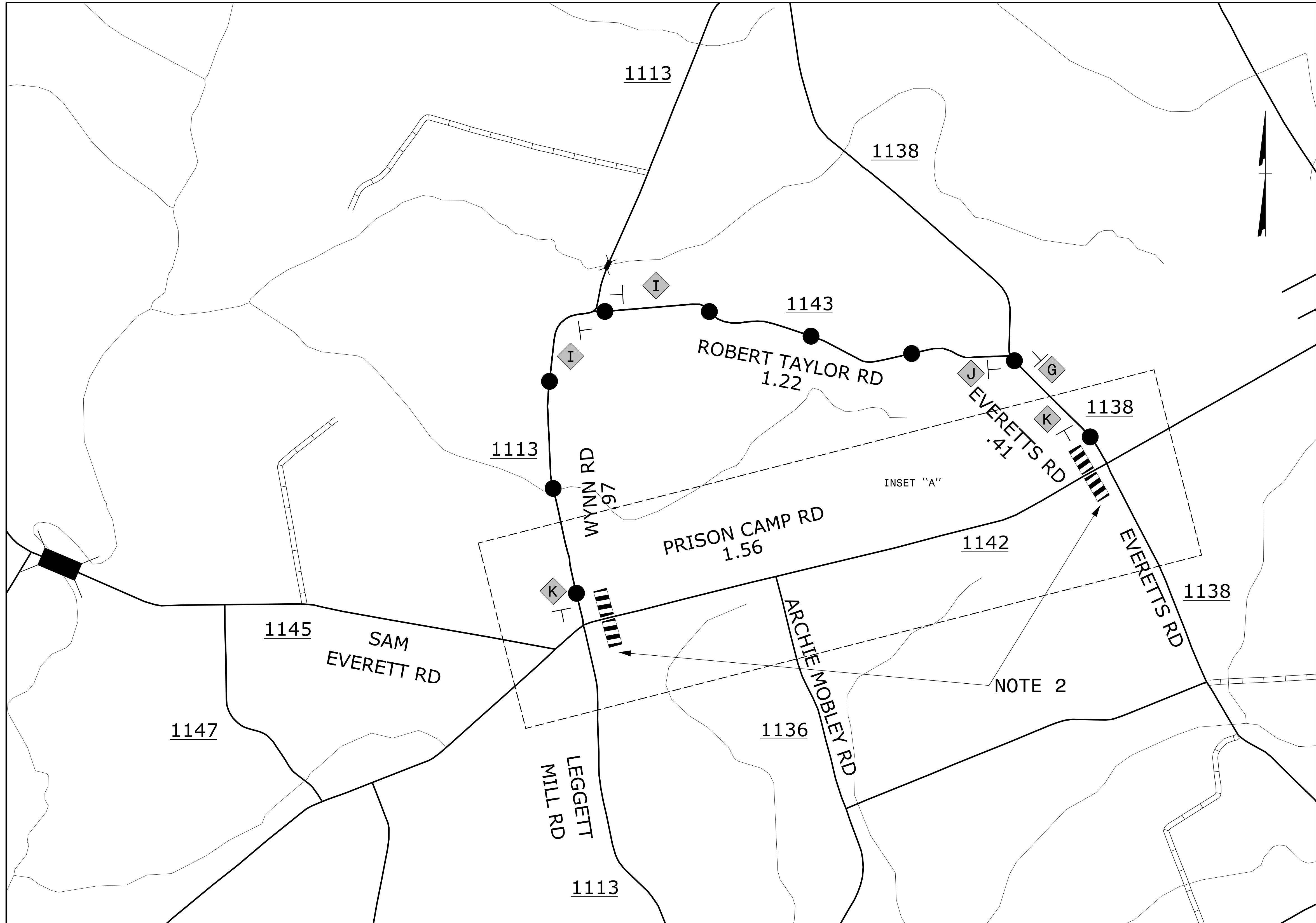
 1223 Jones Franklin Rd.  
 Raleigh, N.C. 27606  
 License No. F-0377  
 Bus: 919 851 8077  
 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

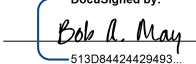



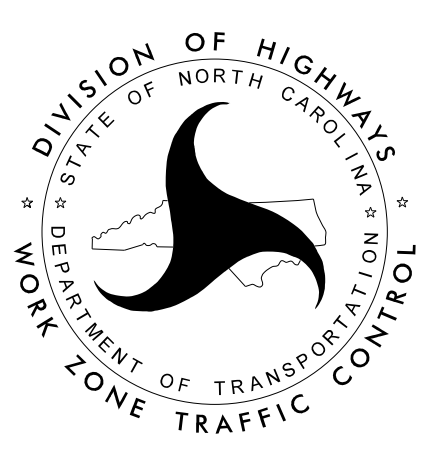
OFFSITE DETOUR ROUTE

3/14/2022  
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 User: jhaley



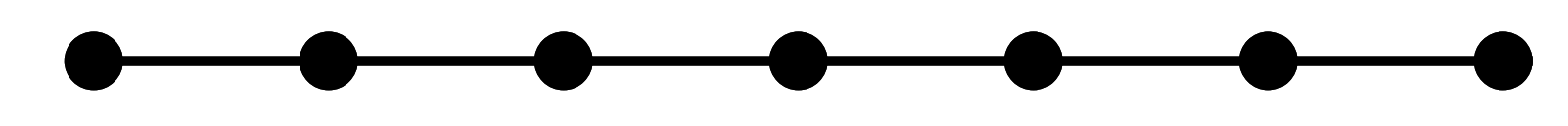
NOTES: 1) SEE SHEETS TMP-01B AND TMP-01C FOR OFFSITE DETOUR SIGN AND DEVICE LEGEND.  
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APPROVED:   
 DATE: 4/7/2022  




-L- (SR 1142) FROM  
 SR 1113 TO SR 1138  
 OFFSITE DETOUR

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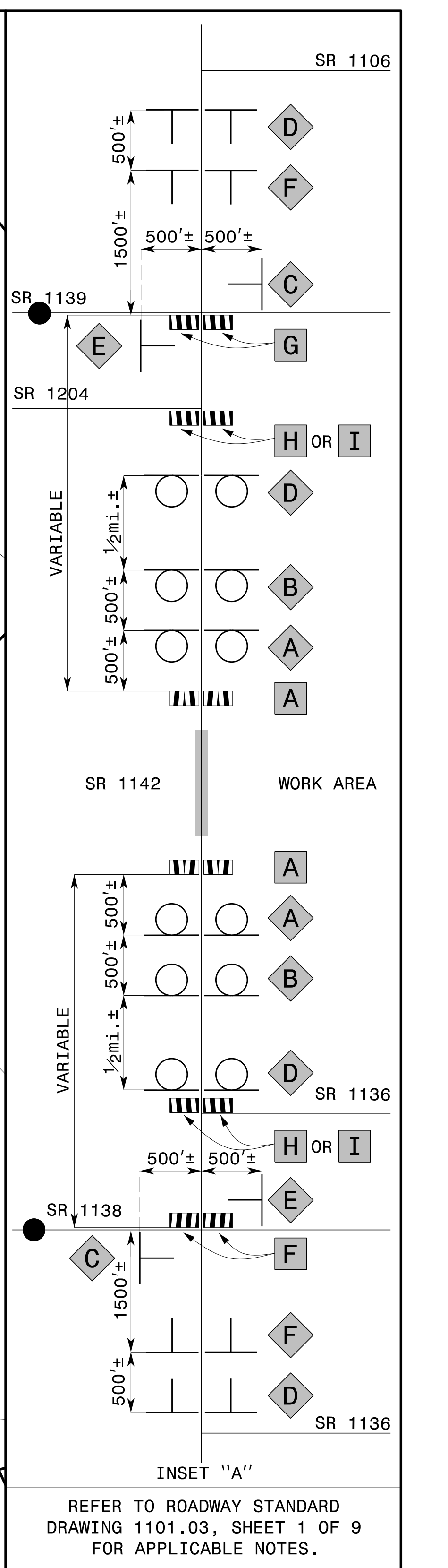
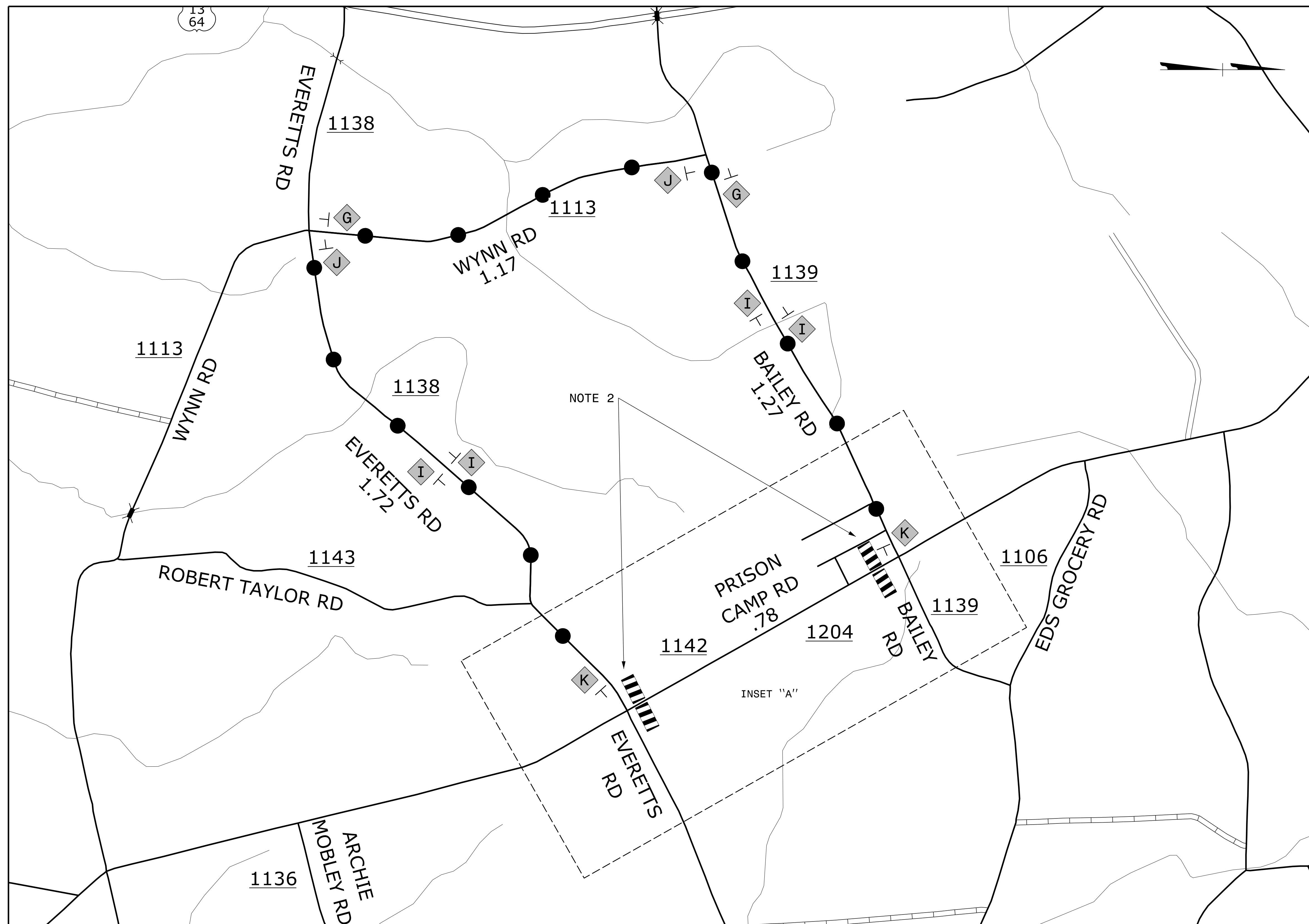


OFFSITE DETOUR ROUTE

DOCUMENT NOT CONSIDERED FINAL  
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3/14/2022  
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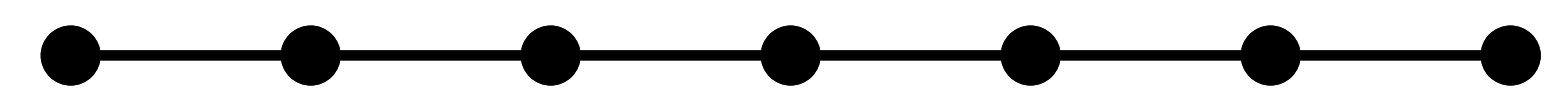




NOTES: 1) SEE SHEETS TMP-01B AND TMP-01C FOR OFFSITE DETOUR SIGN AND DEVICE LEGEND.  
 2) WHEN CLOSING THE ROADWAY TO PERFORM WORK WITHIN A SPECIFIC WORK AREA, PORTABLE SIGNING MAY BE USED BETWEEN THE TYPE III WING BARRICADES IF THE ROAD WILL BE CLOSED FOR 3 DAYS OR LESS, PER THE DISCRETION OF THE ENGINEER.  
 3) INSTALL THE ROAD CLOSURE SIGNING BETWEEN THE TYPE III WING BARRICADES AS THE 'VARIABLE' LENGTH OF ROADWAY WILL ALLOW, BEGINNING FROM THE WORK AREA OUTWARD TO THE TYPE III WING BARRICADES.  
 4) ADJUST SIGNING WITHIN THE TYPE III WING BARRICADES AS THE WORK AREA CHANGES FROM ONE LOCATION TO ANOTHER.

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 License No. F-0377  
 Bus: 919 851 8077  
 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

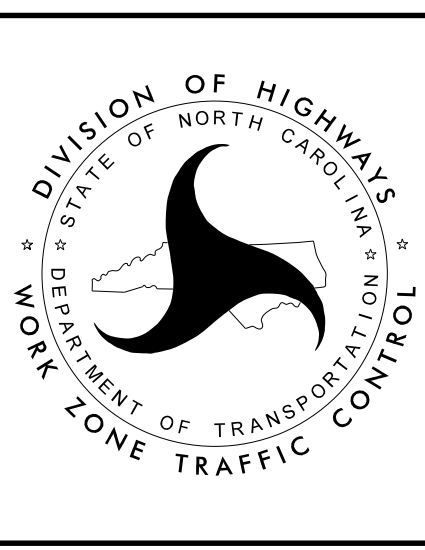


**OFFSITE DETOUR ROUTE**

APPROVED: *Pete R. May*  
 DATE: 4/7/2022

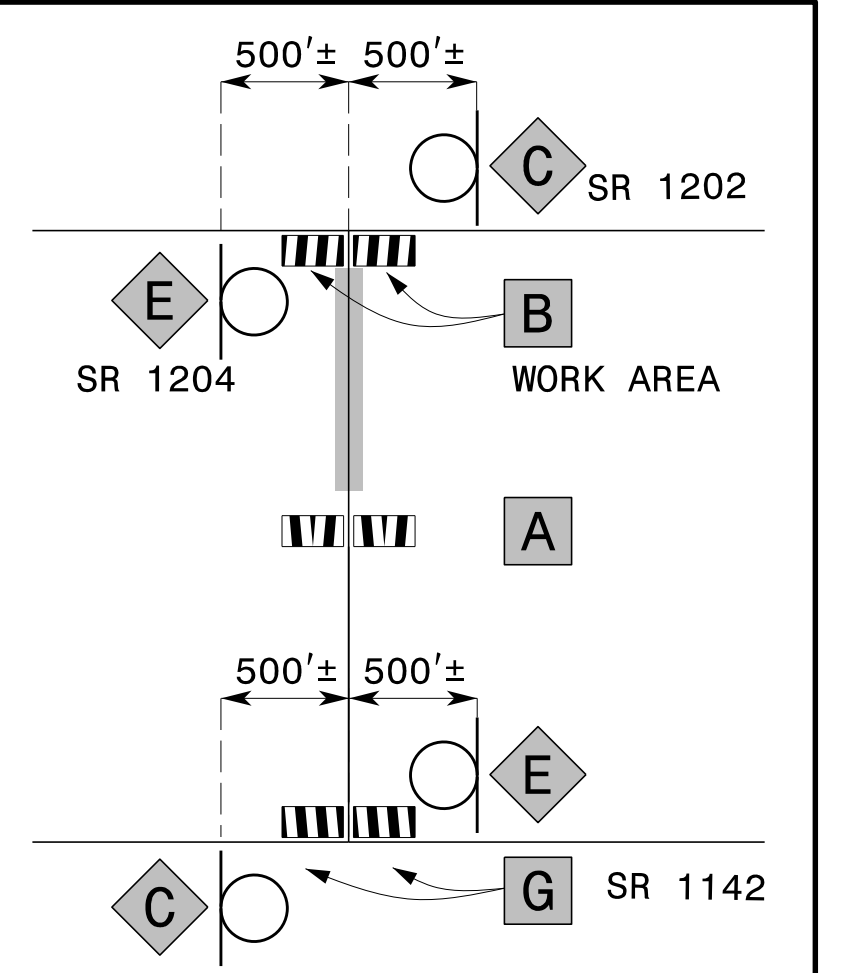
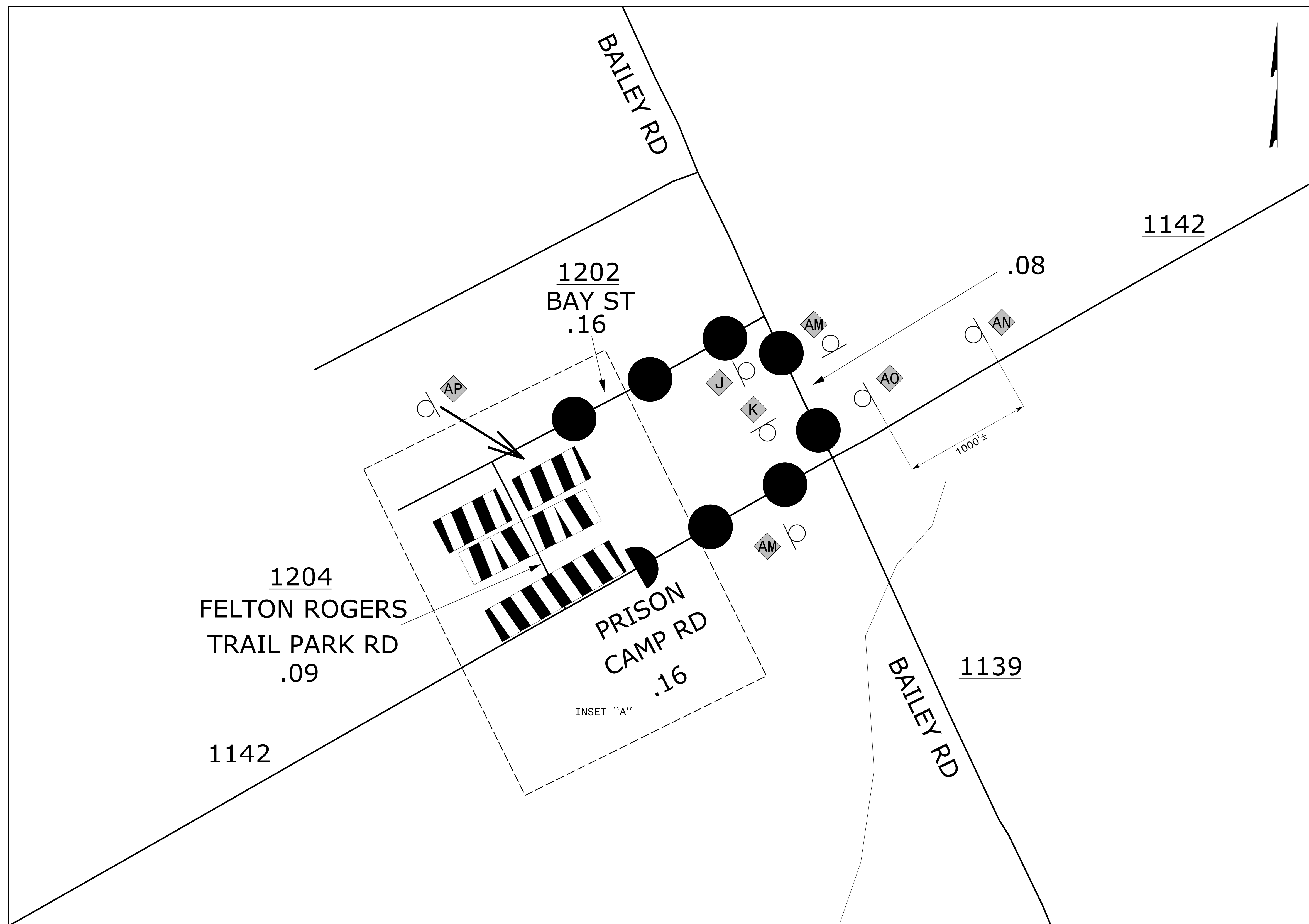
**PROFESSIONAL SEAL**  
 NORTH CAROLINA  
 SEAL 047751  
 ENGINEER  
 SOB A MAY

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**-L- (SR 1142) FROM  
 SR 1138 TO SR 1139  
 OFFSITE DETOUR**

3/14/2022  
 2/1/2021  
 User: r141414



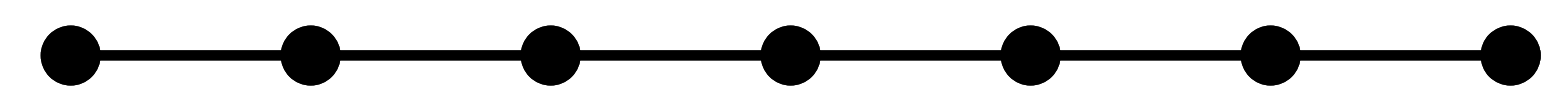
INSET "A"  
REFER TO ROADWAY STANDARD  
DRAWING 1101.03, SHEET 1 OF 9  
FOR APPLICABLE NOTES.

NOTES: 1) SEE SHEETS TMP-01B AND TMP-01C FOR OFFSITE DETOUR SIGN AND DEVICE LEGEND.  
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3/14/2022  
3/20/2022  
User: rathayes

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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



OFFSITE DETOUR ROUTE

APPROVED: *Bob A. May*  
DATE: 4/7/2022

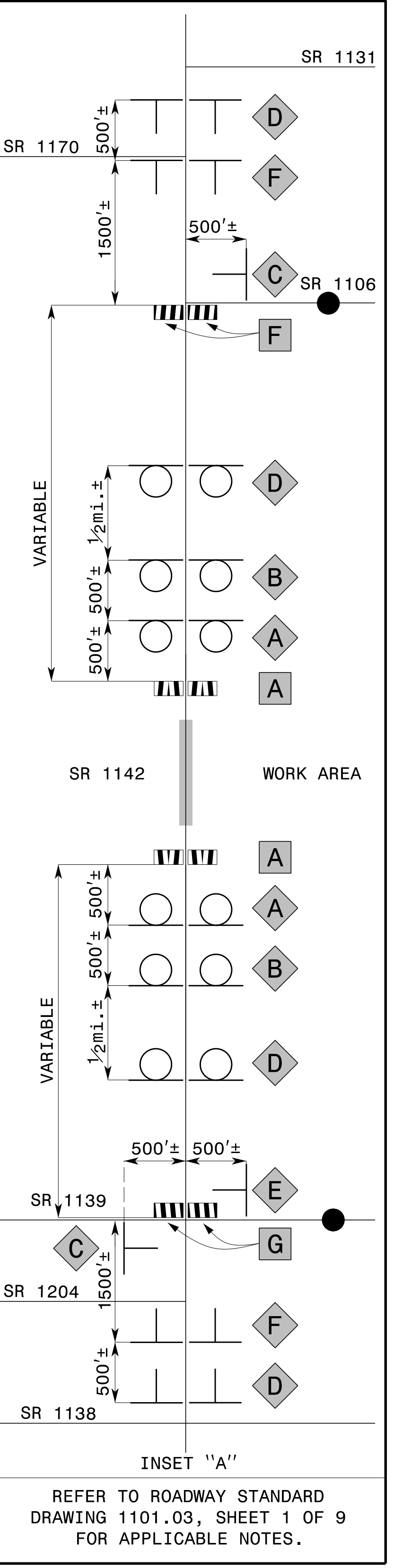
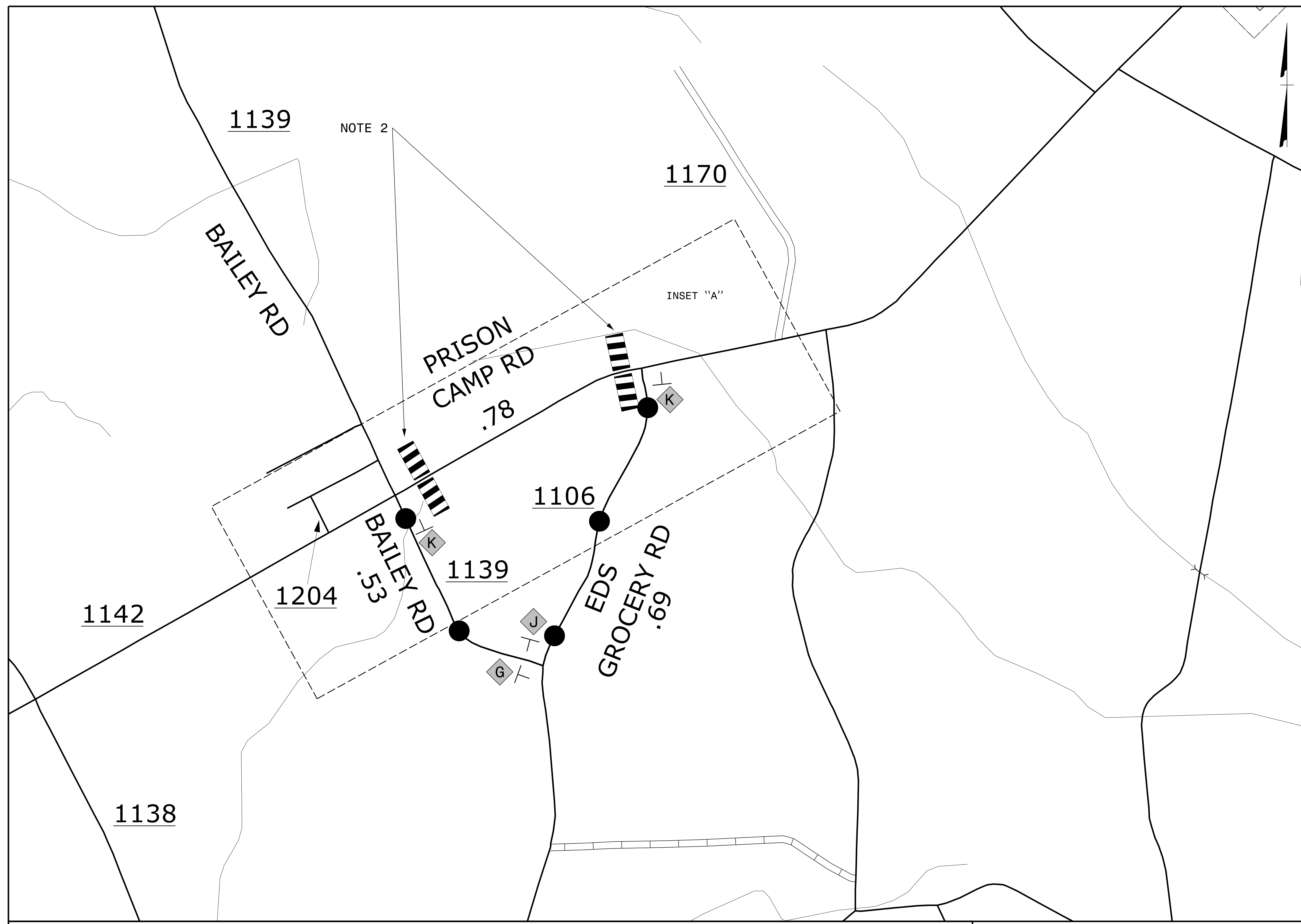
**PROFESSIONAL SEAL**  
NORTH CAROLINA  
047751  
ENGINEER  
BOB A. MAY

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SR 1204  
OFFSITE DETOUR



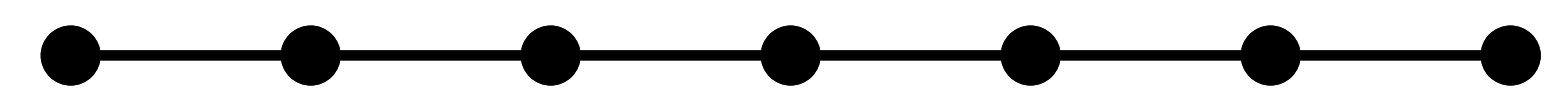


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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



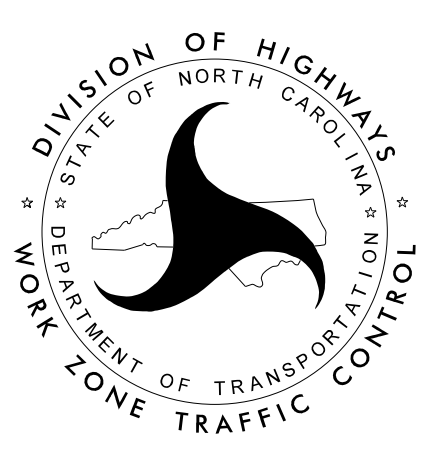
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APPROVED: *Bob A. May*

DATE: 4/7/2022

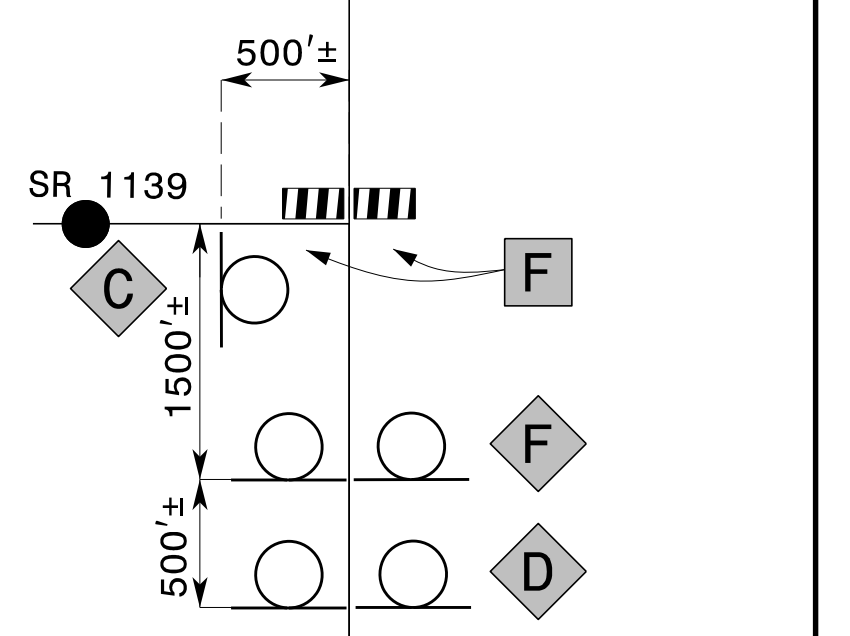
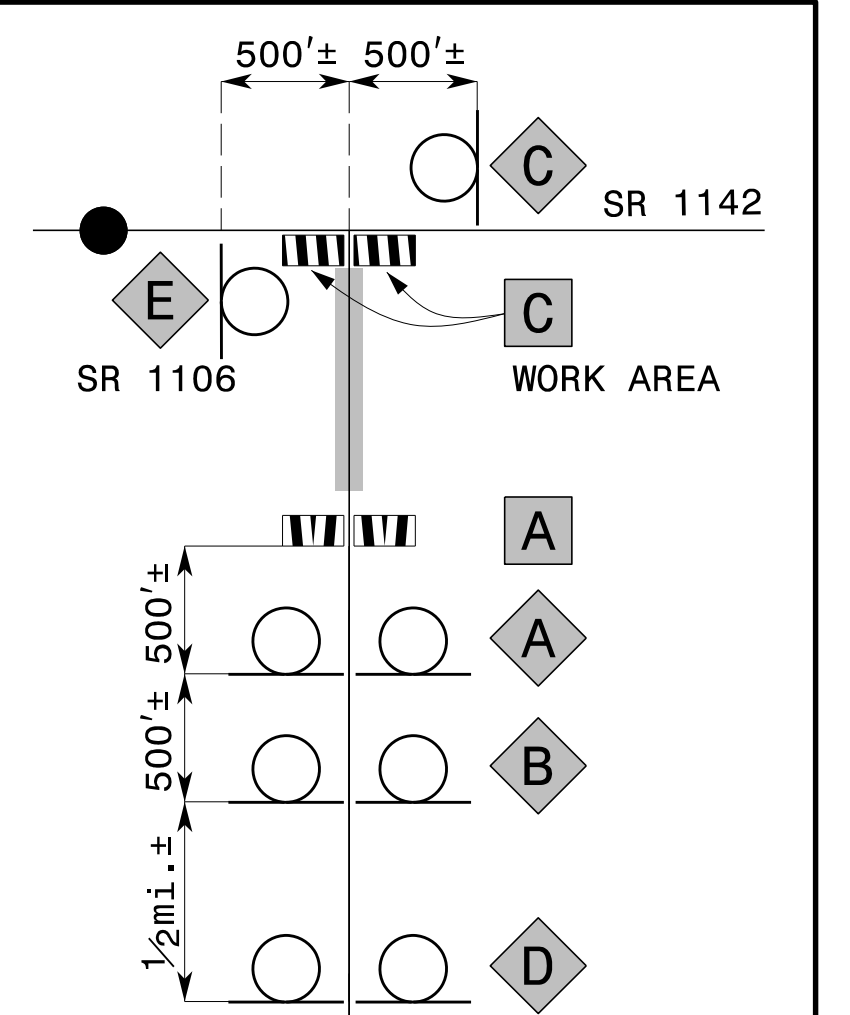
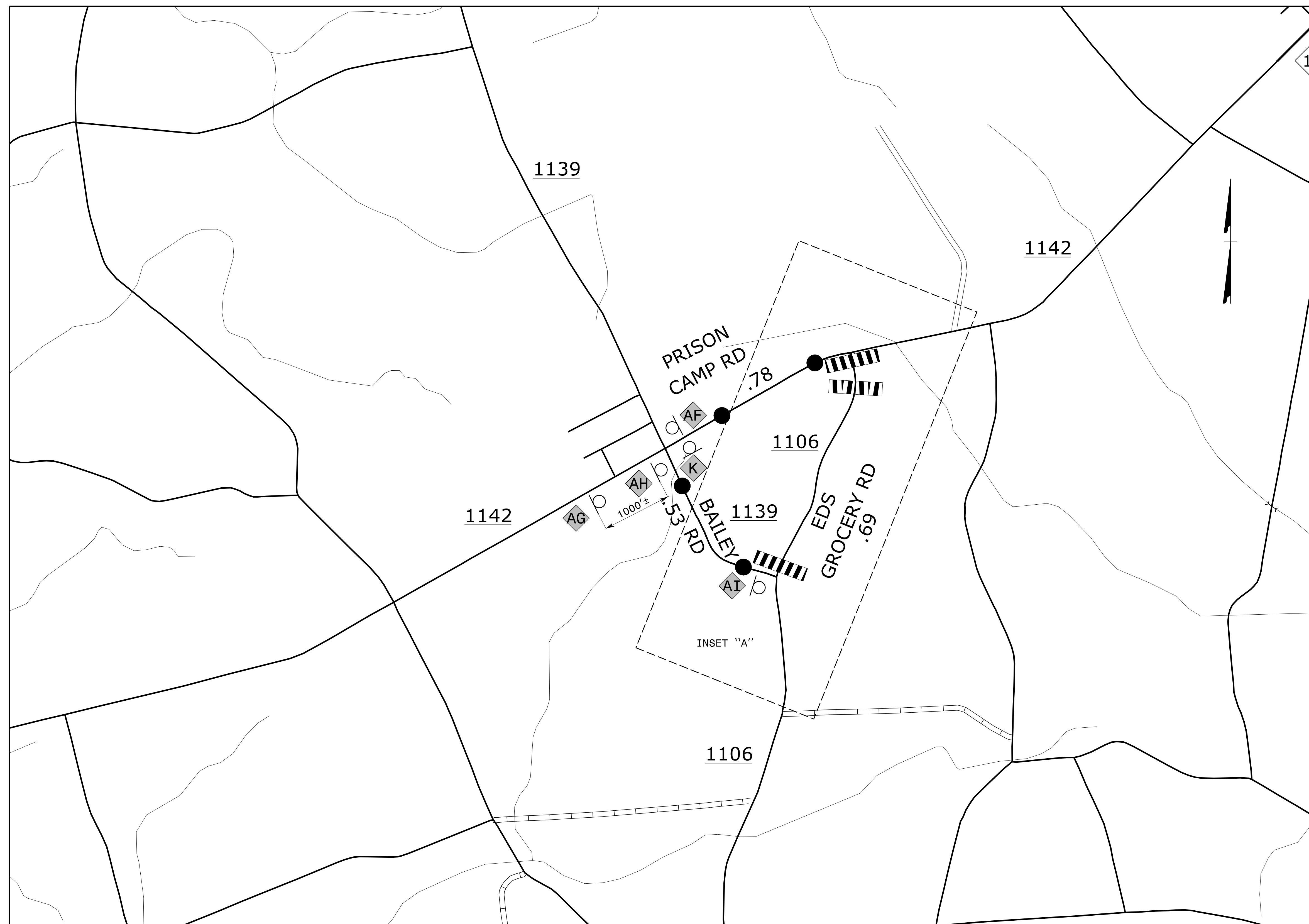
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 ENGINEER  
 BOB A. MAY

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**-L- (SR 1142) FROM SR 1139 TO SR 1106 OFFSITE DETOUR**

3/14/2022  
 2:42:20 PM  
 User: r141414



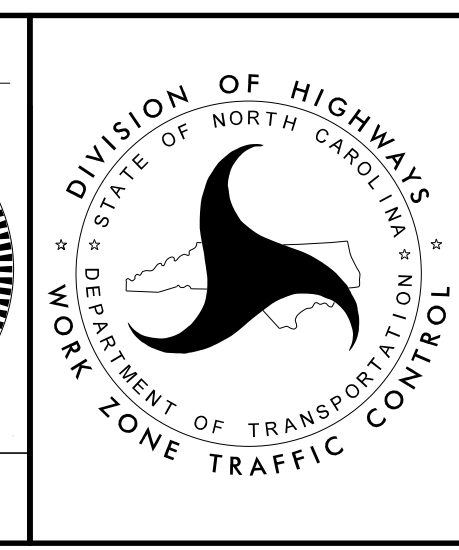
INSET "A"  
REFER TO ROADWAY STANDARD  
DRAWING 1101.03, SHEET 1 OF 9  
FOR APPLICABLE NOTES.

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APPROVED: *Bob A. May*  
DATE: 4/7/2022

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047751  
ENGINEER  
BOB A. MAY

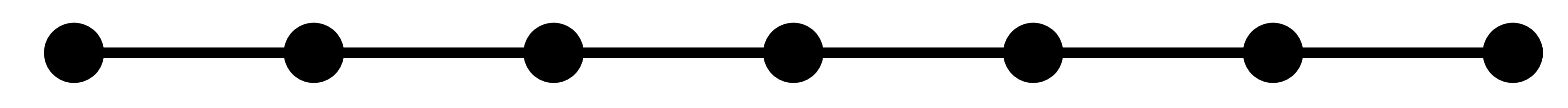
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SR 1106  
OFFSITE DETOUR

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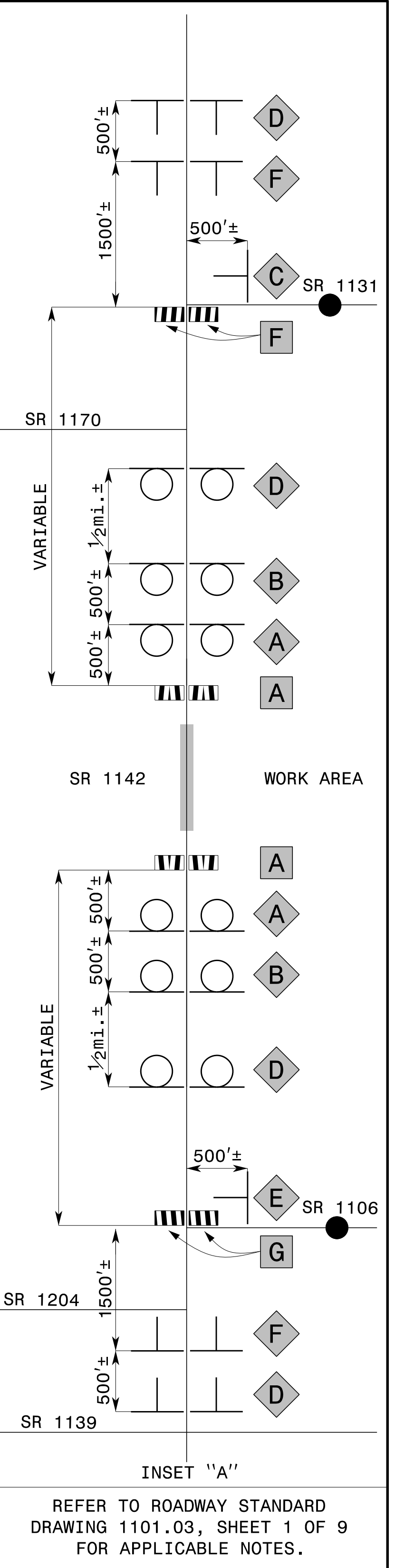
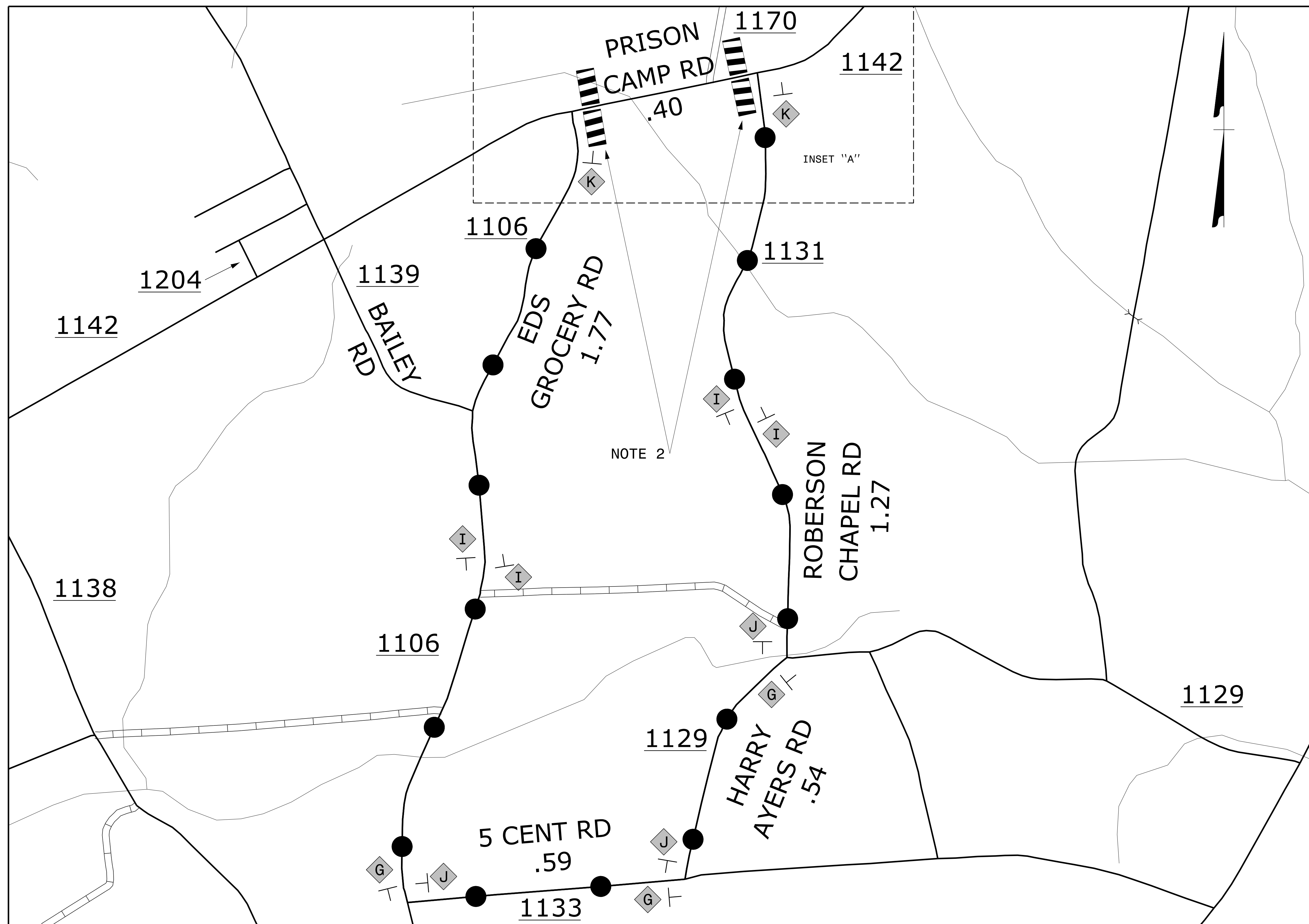
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



OFFSITE DETOUR ROUTE

3/14/2022  
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User: jh4141

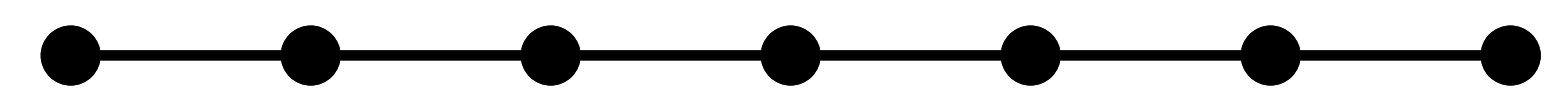




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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
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OFFSITE DETOUR ROUTE

APPROVED: *Bob A. May*  
 DATE: 4/7/2022

**PROFESSIONAL SEAL**  
 NORTH CAROLINA  
 ENGINEER  
 047751  
 BOB A. MAY

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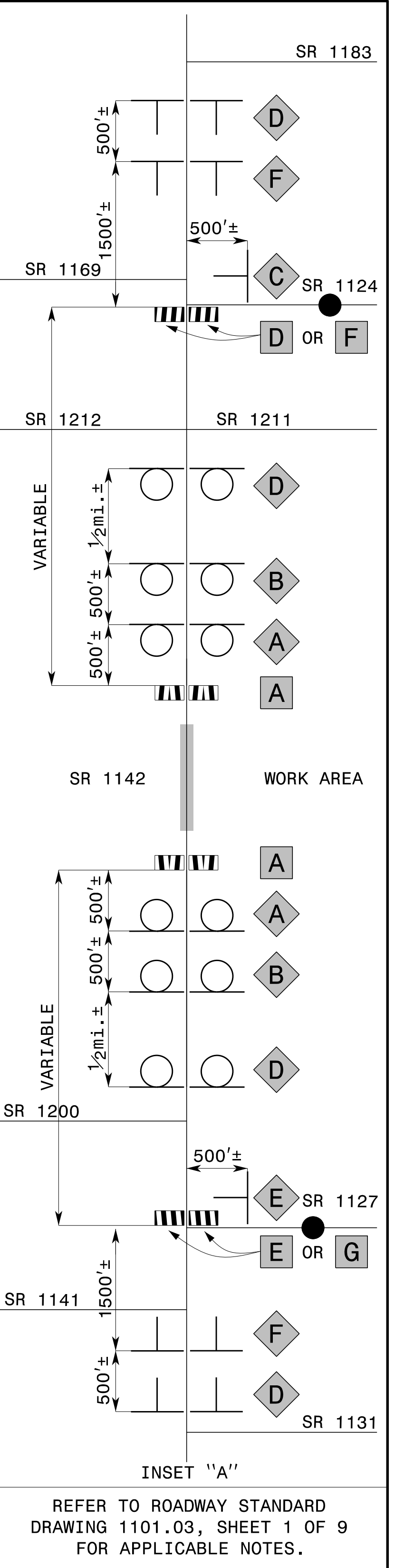
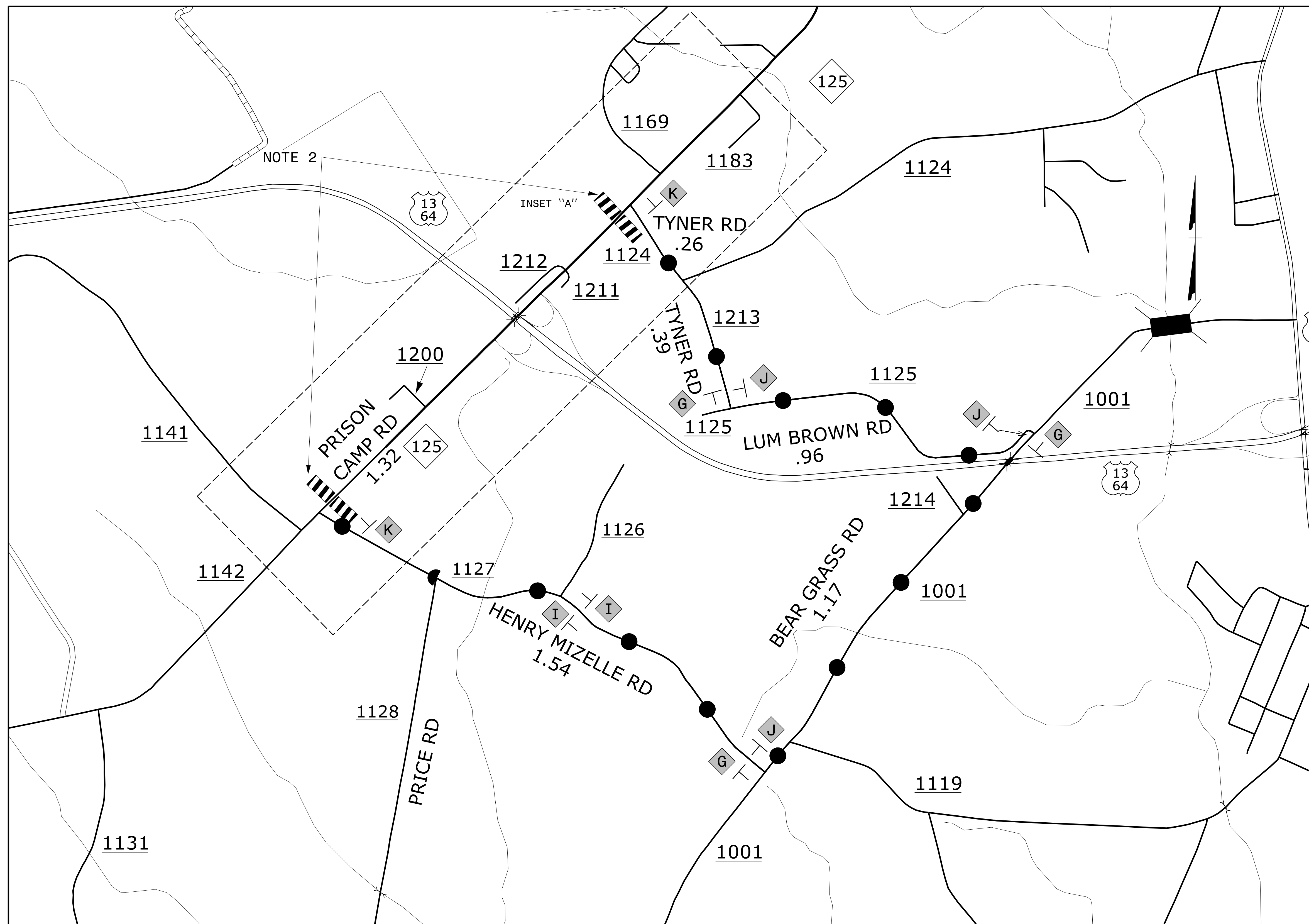
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REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9 FOR APPLICABLE NOTES.

3/4/2022  
 2:42:07 PM  
 User: jh101





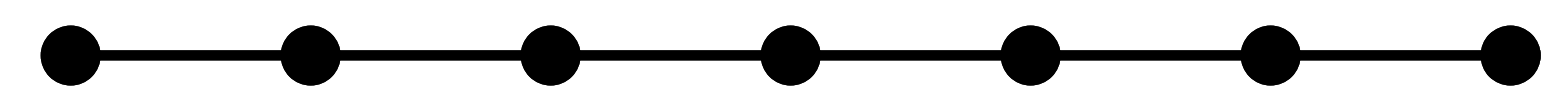


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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

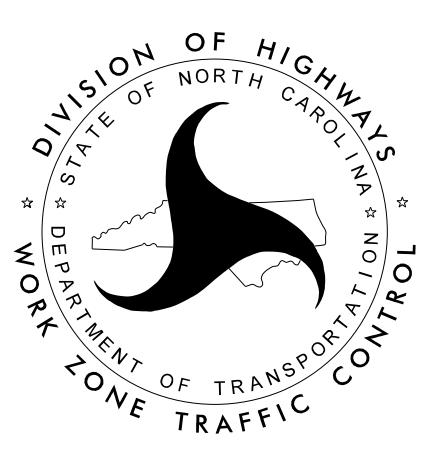


**OFFSITE DETOUR ROUTE**

APPROVED: *Bob A. May*  
 DATE: 4/7/2022

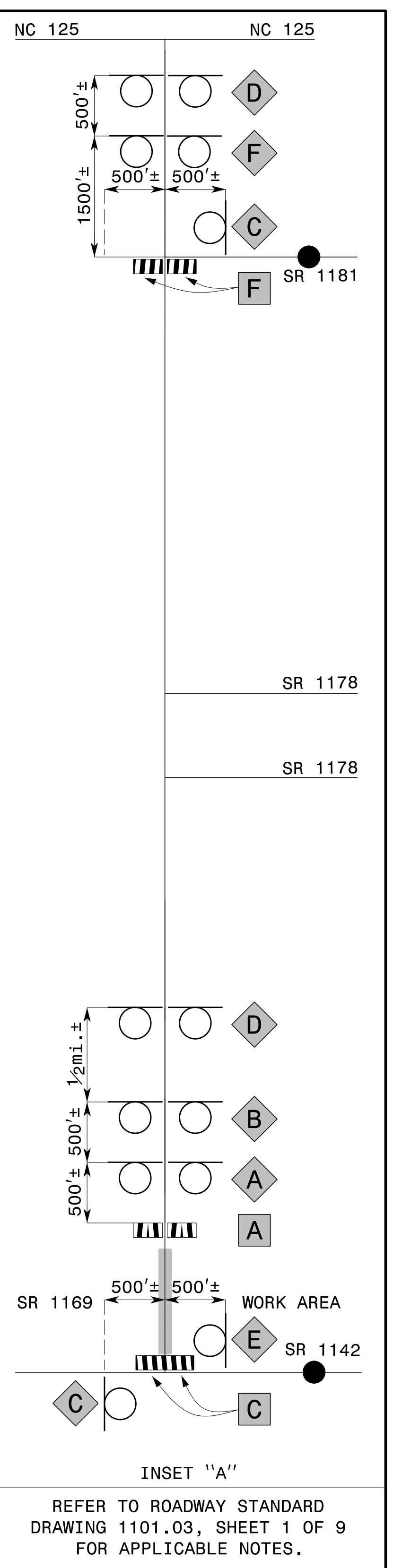
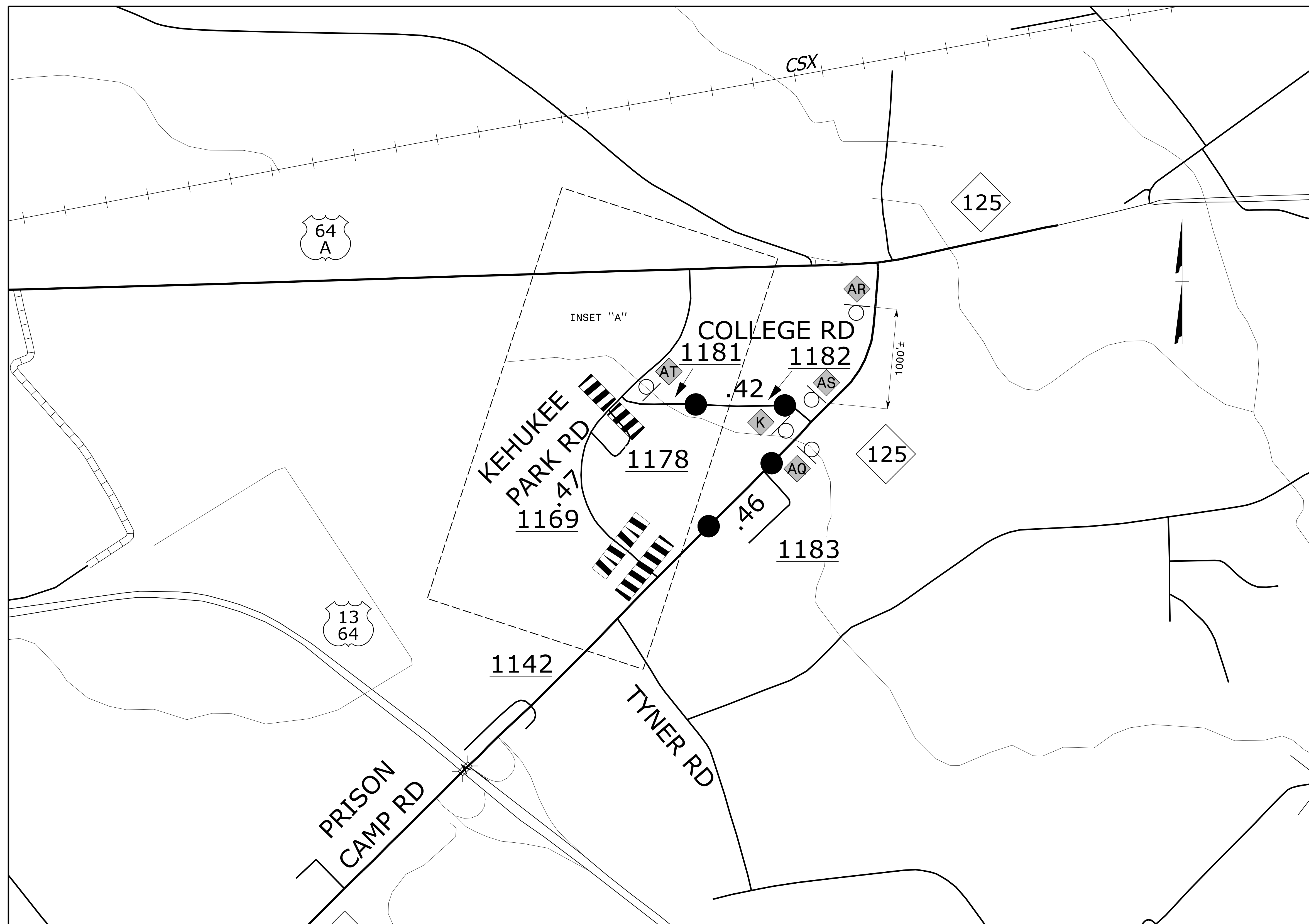
**PROFESSIONAL SEAL**  
 NORTH CAROLINA  
 SEAL 047751  
 ENGINEER  
 BOB A. MAY

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

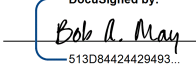



**-L- (SR 1142) FROM SR 1127 TO SR 1124 OFFSITE DETOUR**

3/14/2022  
 2/20/2022  
 User: jh101

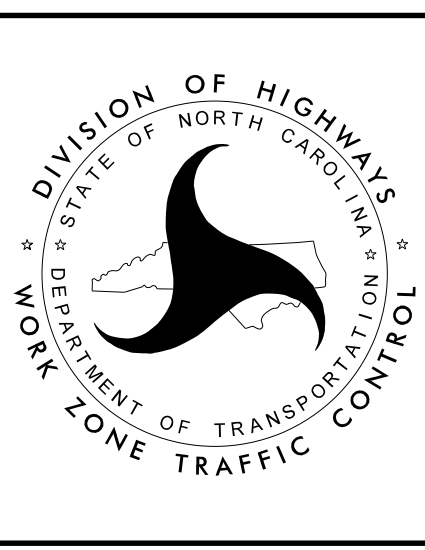


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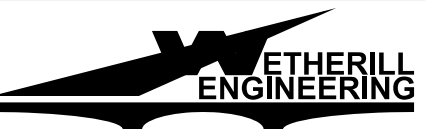
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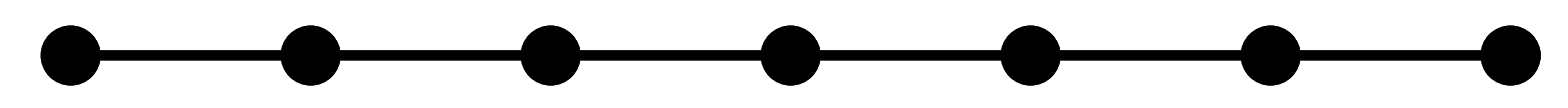


SR 1169  
 OFFSITE DETOUR



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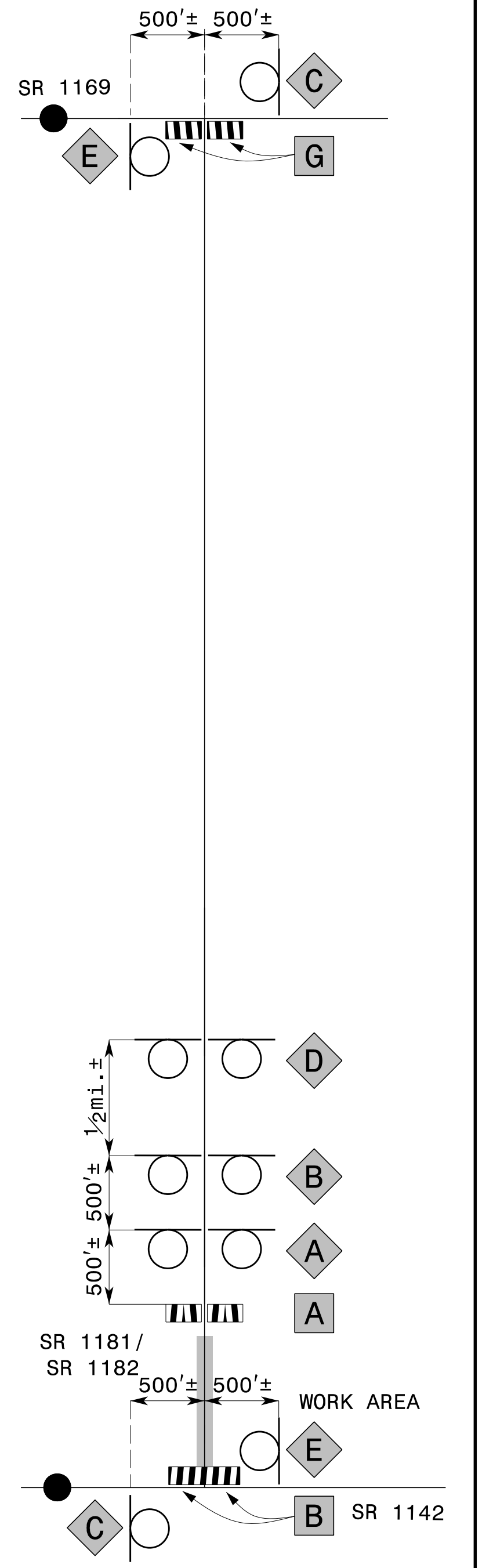
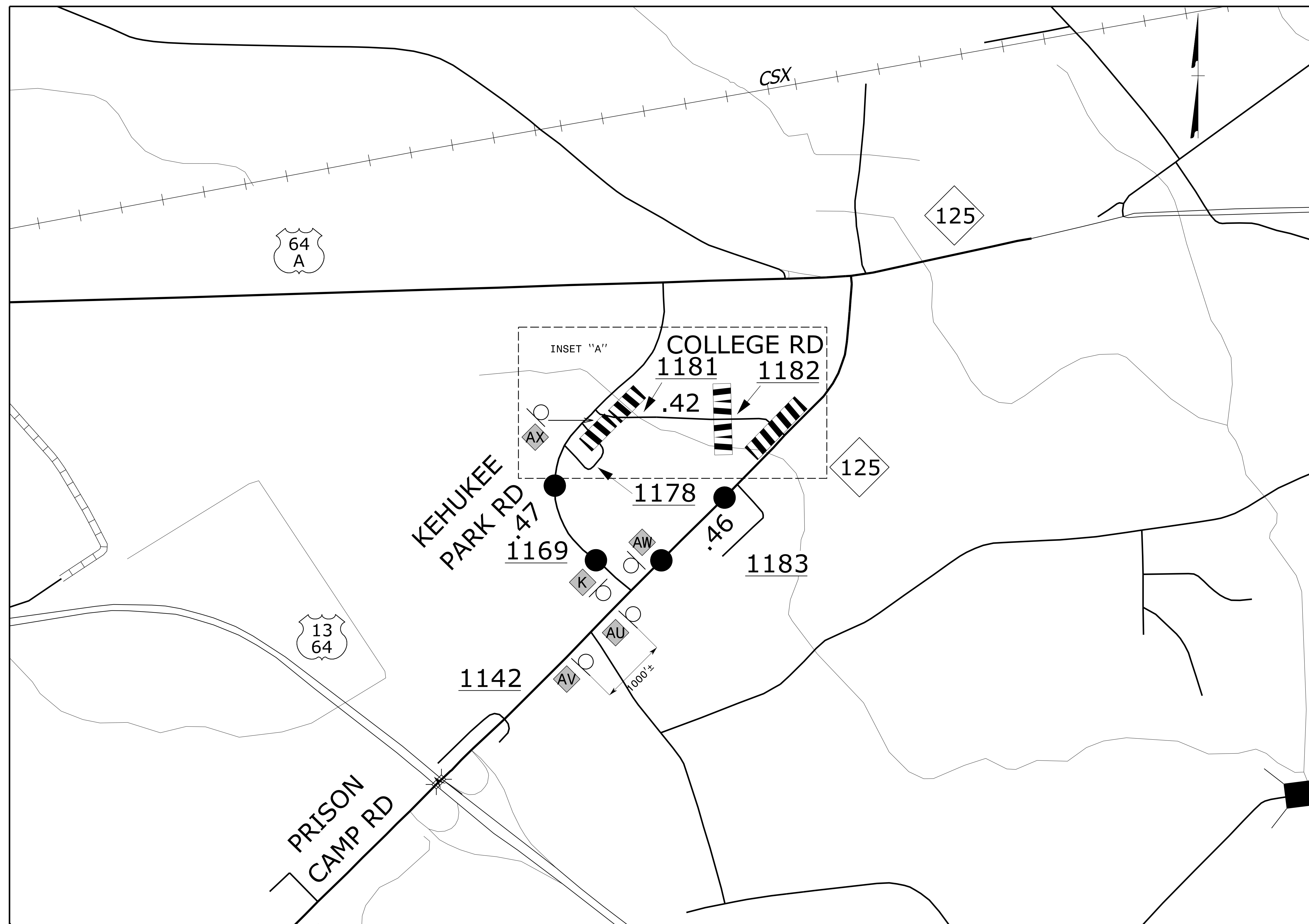
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 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



OFFSITE DETOUR ROUTE

3/14/2022  
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 User: jhaley



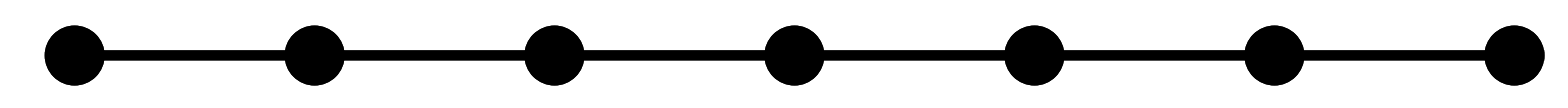


INSET "A"  
REFER TO ROADWAY STANDARD  
DRAWING 1101.03, SHEET 1 OF 9  
FOR APPLICABLE NOTES.

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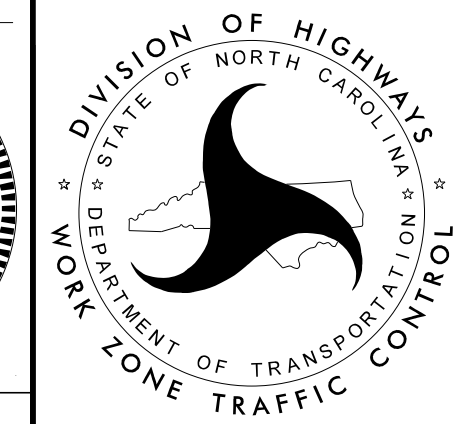
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Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



OFFSITE DETOUR ROUTE

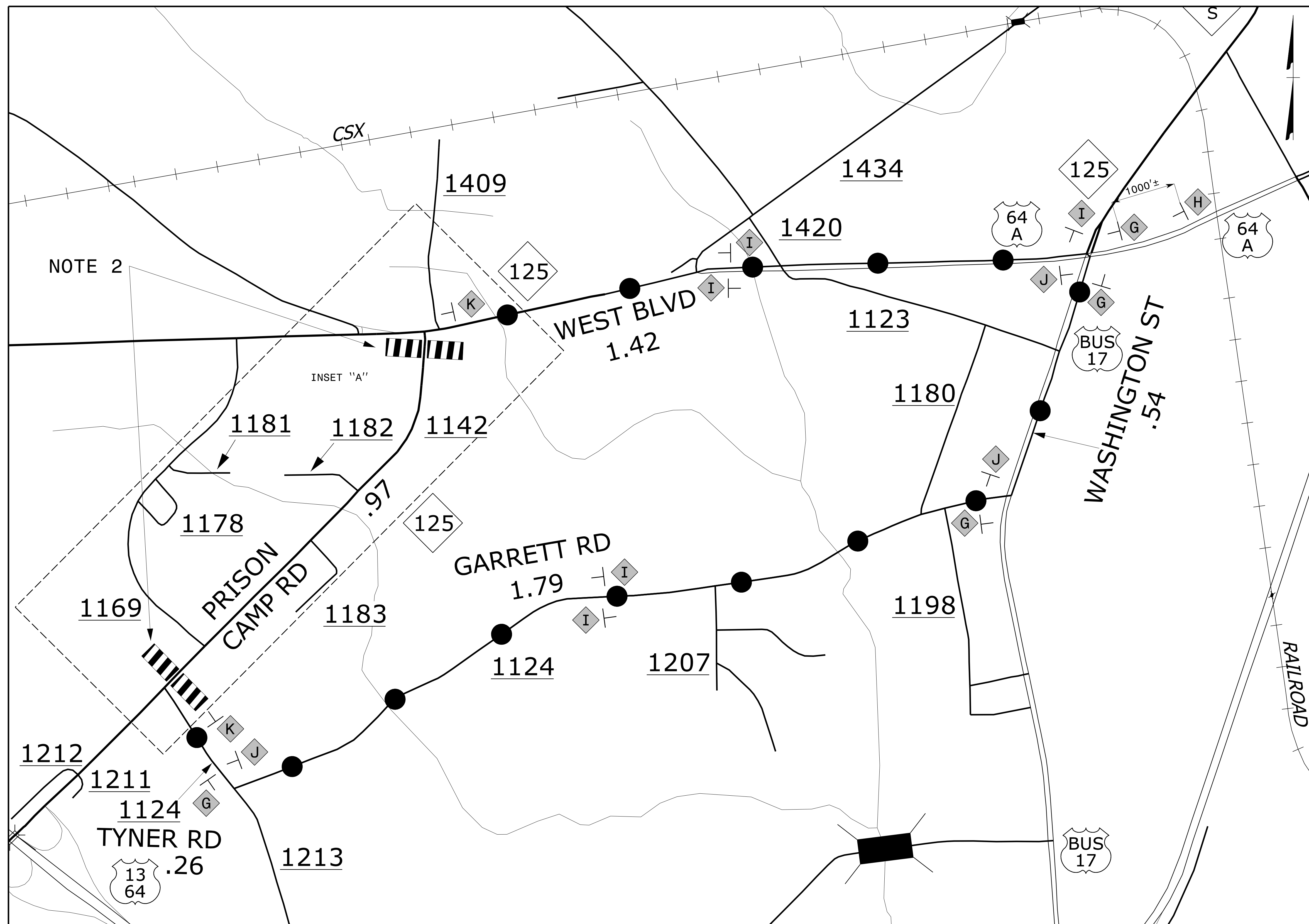
APPROVED: *Edith H. May*  
DATE: 4/7/2022



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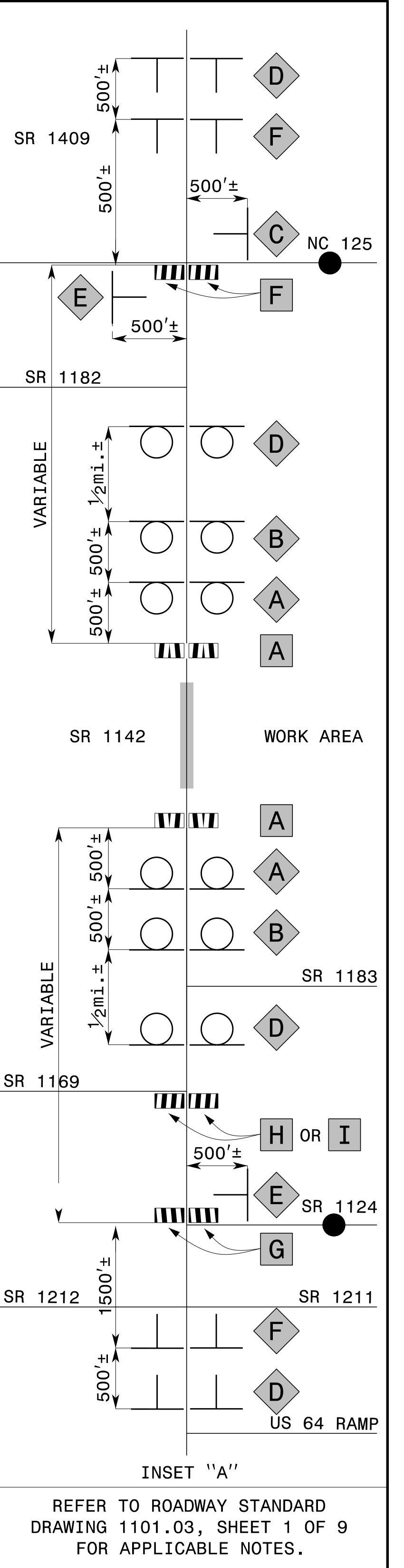
-L- (SR 1142) FROM  
SR 1139 TO SR 1106  
OFFSITE DETOUR

3/14/2022  
BA/2017/175.01.R-4705-Final/Traffic/WZTC/TMP/Sheets/R-4705-TC-TMP-02S OSD.dgn  
User: rath05



NOTE 2

INSET "A"

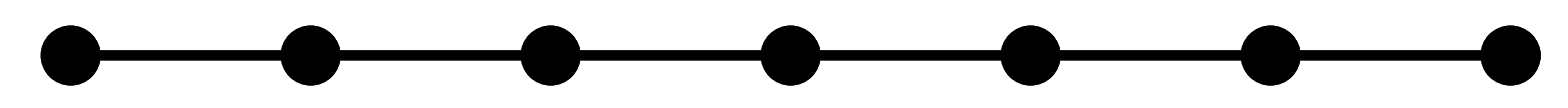


REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9 FOR APPLICABLE NOTES.

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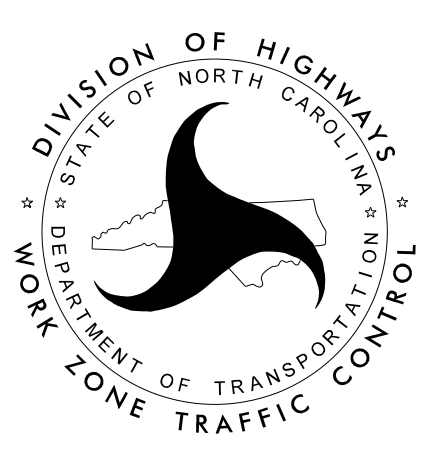


OFFSITE DETOUR ROUTE

APPROVED: *E. H. Gray*  
 DATE: 4/7/2022

**PROFESSIONAL SEAL**  
 NORTH CAROLINA  
 SEAL 047751  
 ENGINEER  
 ROB A. MAY

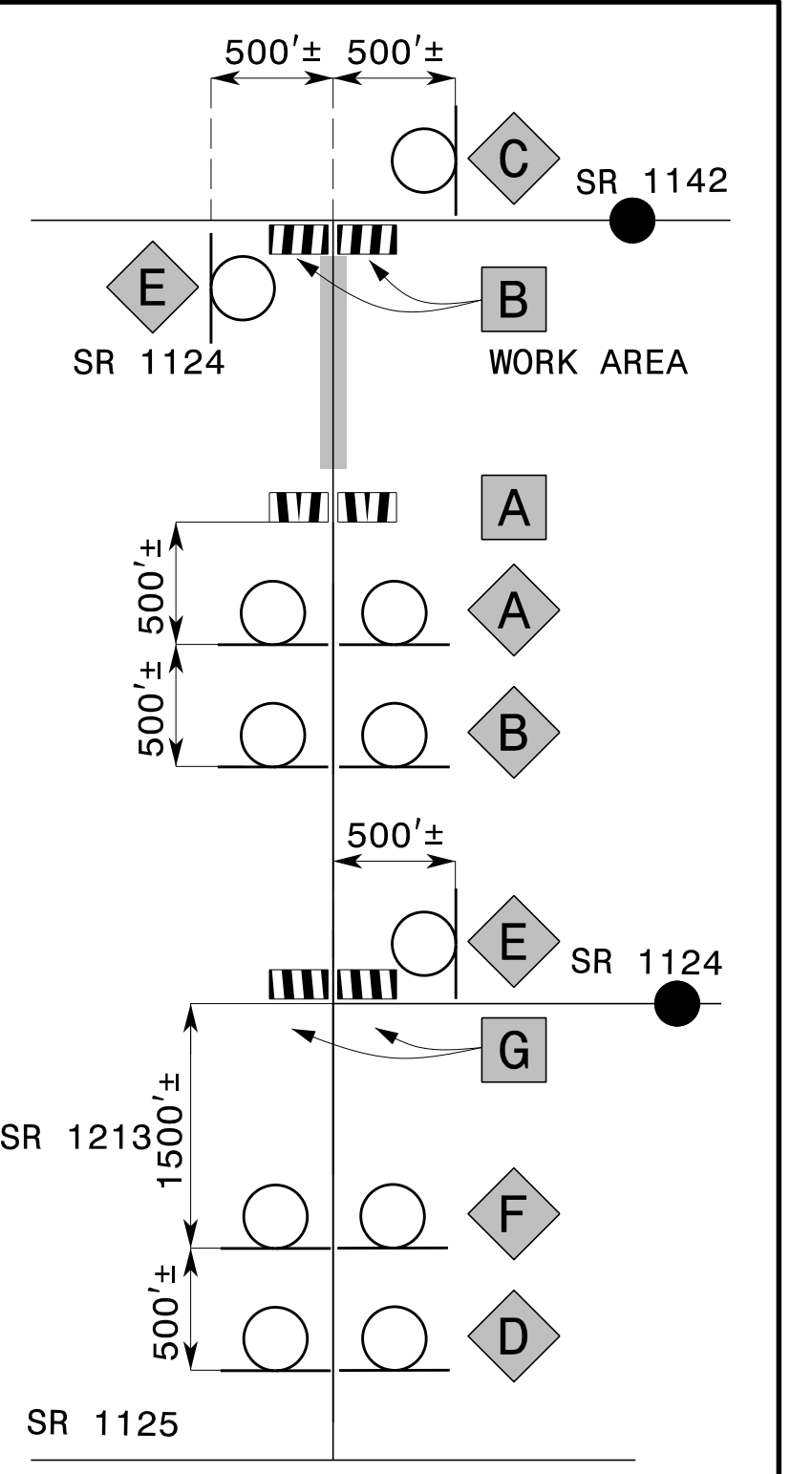
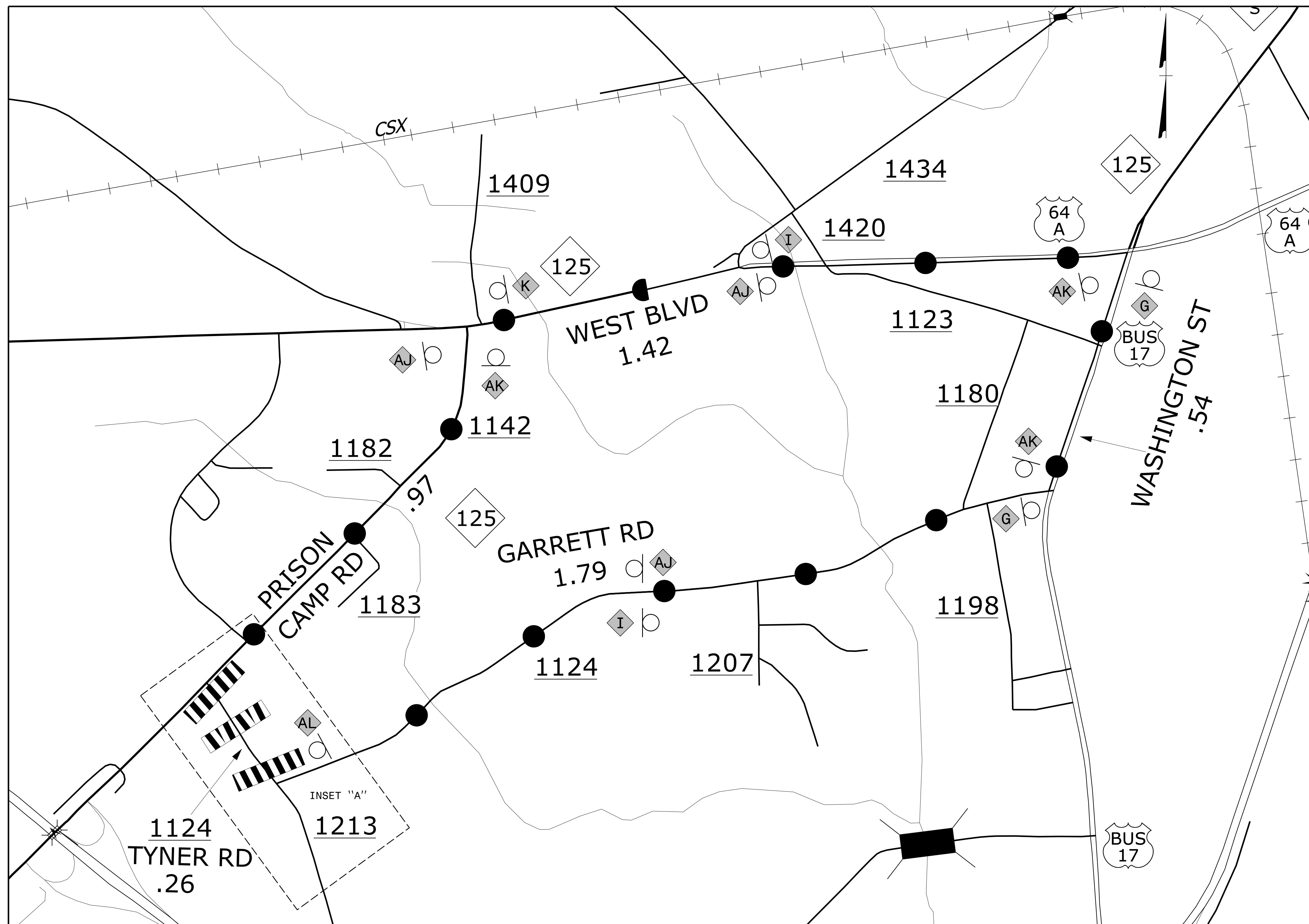
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



-L- (SR 1142) FROM SR 1124 TO NC 125 OFFSITE DETOUR

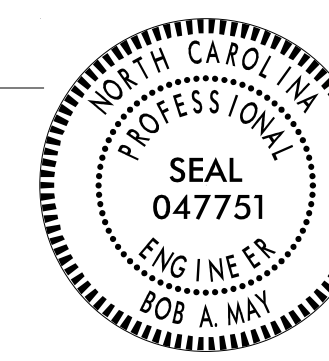
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 User: R4705



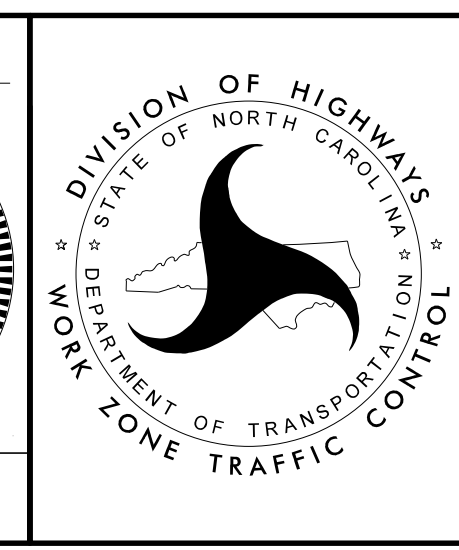


INSET "A"  
REFER TO ROADWAY STANDARD  
DRAWING 1101.03, SHEET 1 OF 9  
FOR APPLICABLE NOTES.

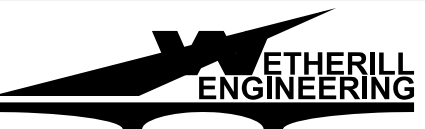
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APPROVED:   
DATE: 4/7/2022

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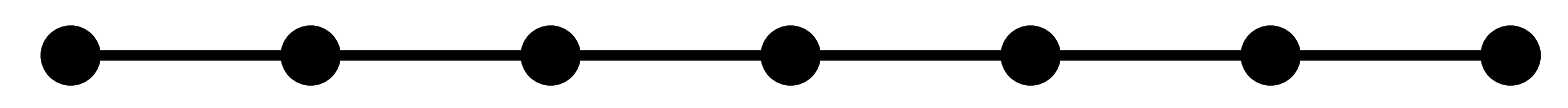


SR 1124  
OFFSITE DETOUR



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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



OFFSITE DETOUR ROUTE

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User: jhaley



PHASE I

STEP 1:

INSTALL ALL ADVANCE WORK ZONE SIGNS PER NCDOT RSD 1101.01.

NOTE: PHASE I, STEP 2 MAY BE COMPLETED SIMULTANEOUSLY WITH STEPS 2A THRU 2Q. SEE BELOW FOR NOTE.

STEP 2:

USING NCDOT RSD 1101.02, COMPLETE THE FOLLOWING:

-CONSTRUCT WIDENING OF -L- AND ALL -Y- LINES UP TO THE EDGE AND ELEVATION OF EXISTING.  
 -ON -Y18-, -Y20-, -Y21-, US-13 ON AND OFF RAMPS, AND -Y23- THROUGH -Y28-:  
 -WEDGE UP TO BUT NOT INCLUDING THE FINAL LIFT OF PAVEMENT. INSTALL TEMPORARY PAVEMENT MARKINGS AS INDICATED ON PHASE I PLAN SHEETS.

-ON -L- PER

- A) SHEET TMP-12 - USING NIGHTLY FLAGGING OPERATIONS, WEDGE UP TO, BUT NOT INCLUDING THE FINAL LIFT OF PAVEMENT. INSTALL TEMPORARY PAVEMENT MARKINGS IN ORDER TO SHIFT TRAFFIC TO THE RIGHT. REMOVE EXISTING PAVEMENT AND PAVEMENT MARKINGS AS SHOWN.
- B) SHEETS TMP-32 TO TMP-33 - USING NIGHTLY FLAGGING OPERATIONS, WEDGE UP TO, BUT NOT INCLUDING THE FINAL LIFT OF PAVEMENT. INSTALL TEMPORARY PAVEMENT MARKINGS IN ORDER TO SHIFT TRAFFIC TO THE LEFT. REMOVE EXISTING PAVEMENT AND EXISTING PAVEMENT MARKINGS AS SHOWN.
- C) SHEETS TMP-35 TO TMP-43 - INSTALL CURB AND GUTTER, WEDGE UP TO, BUT NOT INCLUDING THE FINAL LIFT OF PAVEMENT. INSTALL TEMPORARY PAVEMENT MARKINGS AND REMOVE EXISTING PAVEMENT MARKINGS AS SHOWN.

-AT THE END OF EACH WORK DAY, RETURN TRAFFIC TO THE EXISTING TRAFFIC PATTERN AND PROVIDE A 6:1 OR FLATTER WEDGE SLOPE OF SUITABLY COMPACTED MATERIAL AT ALL PAVEMENT DROP-OFFS.

AWAY FROM TRAFFIC, COMPLETE THE FOLLOWING:

-NEW ALIGNMENT OF -L- FROM STA. 69+00± TO STA. 73+50± EXCLUDING FINAL LIFT OF PAVEMENT, USING TEMPORARY SLOPES AS NEEDED.  
 -NEW ALIGNMENT OF -Y2- AND -Y5- EXCLUDING FINAL LIFT OF PAVEMENT

USING NCDOT RSD 1101.02 CONSTRUCT ALL DRAINAGE WORK ON -L- AND ALL -Y- LINES.

NOTE: FOR DRAINAGE CROSSLINE INSTALLATION, THE CONTRACTOR MAY ELECT (OR PER DISCRETION OF THE ENGINEER) TO USE OFFSITE DETOURS. SEE STEPS 2A THRU 2Q FOR LOCATIONS AND ICTS.

NOTE: COMPLETE STEPS 2A THRU 2Q IN A CONTINUOUS MANNER. THE CONTRACTOR MAY COMPLETE STEPS 2A THRU 2Q IN ANY ORDER, BUT MAY ONLY COMPLETE ONE STEP AT A TIME.

-IF USING LANE CLOSURES, RETURN TRAFFIC TO THE EXISTING TRAFFIC PATTERN AND PROVIDE A 6:1 OR FLATTER WEDGE SLOPE OF SUITABLY COMPACTED MATERIAL AT ALL PAVEMENT DROP-OFFS BY THE END OF EACH WORK DAY.  
 -IF USING OFFSITE DETOURS, INSTALL ALL OFFSITE DETOUR AND ROAD CLOSURE SIGNING, DETOUR TRAFFIC OFFSITE, CLOSE ROAD AND COMPLETE WORK, OPEN ROAD TO TRAFFIC, AND REMOVE OFFSITE AND ROAD CLOSURE SIGNING.

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2A IN 60 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2A: INSTALL CULVERT AND DRAINAGE CROSSLINES ON -L- FROM NC 903 TO SR 1155. [REFER TO SHEETS TMP-01B, 01C, 02C]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2B IN 4 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2B: INSTALL DRAINAGE CROSSLINES ON NC 903. [REFER TO SHEETS TMP-01B, 01C, 02D]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2C IN 19 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2C: INSTALL DRAINAGE CROSSLINES ON -L- FROM SR 1155 TO SR 1153. [REFER TO SHEETS TMP-01B, 01C, 02E]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2D IN 2 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2D: INSTALL DRAINAGE CROSSLINES ON SR 1155. [REFER TO SHEETS TMP-01B, 01C, 02G]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2E IN 11 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2E: INSTALL DRAINAGE CROSSLINES ON -L- FROM SR 1147 TO SR 1145. [REFER TO SHEETS TMP-01B, 01C, 02H]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2F IN 23 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2F: INSTALL DRAINAGE CROSSLINES ON -L- FROM SR 1113 TO SR 1138. [REFER TO SHEETS TMP-01B, 01C, 02J]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2G IN 8 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2G: INSTALL DRAINAGE CROSSLINES ON -L- FROM SR 1138 TO SR 1139. [REFER TO SHEETS TMP-01B, 01C, 02K]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2H IN 2 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2H: INSTALL DRAINAGE CROSSLINES ON SR 1204. [REFER TO SHEETS TMP-01B, 01C, 02L]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2I IN 6 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2I: INSTALL DRAINAGE CROSSLINES ON -L- FROM SR 1139 TO SR 1106. [REFER TO SHEETS TMP-01B, 01C, 02M]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2J IN 2 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2J: INSTALL DRAINAGE CROSSLINES ON SR 1106. [REFER TO SHEETS TMP-01B, 01C, 02N]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2K IN 8 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2K: INSTALL DRAINAGE CROSSLINES ON -L- FROM SR 1106 TO SR 1131. [REFER TO SHEETS TMP-01B, 01C, 02O]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2L IN 16 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2L: INSTALL DRAINAGE CROSSLINES ON -L- FROM SR 1131 TO SR 1127. [REFER TO SHEETS TMP-01B, 01C, 02P]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2M IN 12 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2M: INSTALL DRAINAGE CROSSLINES ON -L- FROM SR 1127 TO SR 1124. [REFER TO SHEETS TMP-01B, 01C, 02Q]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2N IN 2 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2N: INSTALL DRAINAGE CROSSLINES ON SR 1169. [REFER TO SHEETS TMP-01B, 01C, 02R]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2O IN 2 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2O: INSTALL DRAINAGE CROSSLINES ON SR 1182. [REFER TO SHEETS TMP-01B, 01C, 02S]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2P IN 18 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2P: INSTALL DRAINAGE CROSSLINES ON -L- FROM SR 1124 TO NC 125. [REFER TO SHEETS TMP-01B, 01C, 02T]

COMPLETE THE WORK REQUIRED IN PHASE I, STEP 2Q IN 2 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 2Q: INSTALL DRAINAGE CROSSLINES ON SR 1124. [REFER TO SHEETS TMP-01B, 01C, 02U]

PHASE II

NOTE: PHASE II, STEPS 1A THRU 1C SHALL BE COMPLETED IN A CONTINUOUS MANNER. THE CONTRACTOR MAY COMPLETE THESE STEPS IN ANY ORDER.

COMPLETE THE WORK REQUIRED IN PHASE II, STEP 1A IN 14 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 1A: AWAY FROM TRAFFIC, USING AN OFF SITE DETOUR PER NCDOT RSD 1101.03, COMPLETE THE FOLLOWING:

- ON -L- FROM STA. 62+50± TO STA. 84+00± PERFORM WEDGING, TIE IN THE NEW ALIGNMENT INTO THE EXISTING ALIGNMENT, AND INSTALL TEMPORARY PAVEMENT MARKINGS (SEE SHEET TMP-49) UTILIZING OFF SITE DETOUR ON SHEET TMP-02C.

COMPLETE THE WORK REQUIRED IN PHASE II, STEP 1B IN 2 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 1B: AWAY FROM TRAFFIC, USING AN OFF SITE DETOUR PER NCDOT RSD 1101.03, COMPLETE THE FOLLOWING:

- ON -Y2- PERFORM WEDGING, TIE IN THE NEW ALIGNMENT INTO THE EXISTING ALIGNMENT, AND INSTALL TEMPORARY PAVEMENT MARKINGS (SEE SHEET TMP-51) UTILIZING OFF SITE DETOUR ON SHEET TMP-02F.

COMPLETE THE WORK REQUIRED IN PHASE II, STEP 1C IN 3 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS.

STEP 1C: AWAY FROM TRAFFIC, USING AN OFF SITE DETOUR PER NCDOT RSD 1101.03, COMPLETE THE FOLLOWING:

- ON -Y5- PERFORM WEDGING, TIE IN THE NEW ALIGNMENT INTO THE EXISTING ALIGNMENT, AND INSTALL TEMPORARY PAVEMENT MARKINGS (SEE SHEET TMP-57) UTILIZING OFF SITE DETOUR ON SHEET TMP-02I.

STEP 2:

USING NCDOT RSD 1101.02, COMPLETE THE FOLLOWING:

- ON -Y1-, -Y3- THROUGH -Y13-, AND -Y15- TO -Y17-, WEDGE UP TO BUT NOT INCLUDING THE FINAL LIFT OF PAVEMENT. INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON PHASE II PLAN SHEETS.  
 - REMOVE EXISTING PAVEMENT ON -Y19- AS SHOWN ON SHEET TMP-65.

- FOR THE LIMITS ON -L- LISTED BELOW, WEDGE UP TO, BUT NOT INCLUDING THE FINAL LIFT OF PAVEMENT. INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON THE PHASE II PLAN SHEETS.

STA. 10+00 TO 51+83±  
 STA. 57+17± TO 62+50±  
 STA. 91+42± TO 104+75±  
 STA. 114+98± TO 374+80±  
 STA. 386+42± TO 411+80±

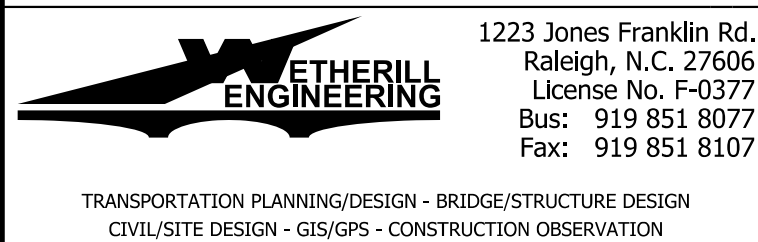
- ON -L-, REMOVE EXISTING PAVEMENT MARKINGS AND INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN PER SHEETS TMP-48, TMP-52, TMP-62, AND TMP-63 TO TMP-66.

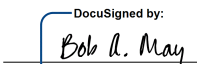
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USING NCDOT RSD 1101.02:

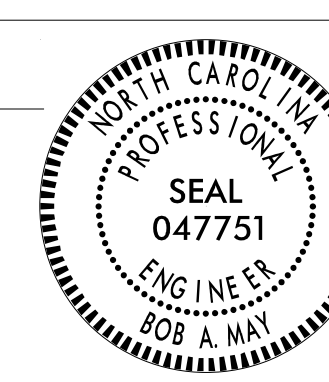
- INSTALL FINAL LIFT OF PAVEMENT ON -L- AND ALL -Y- LINES.  
 - INSTALL FINAL PAVEMENT MARKINGS PER THE FINAL PAVEMENT MARKING PLANS  
 - REMOVE TEMPORARY TRAFFIC CONTROL DEVICES AND OPEN TRAFFIC TO THE FINAL TRAFFIC PATTERN

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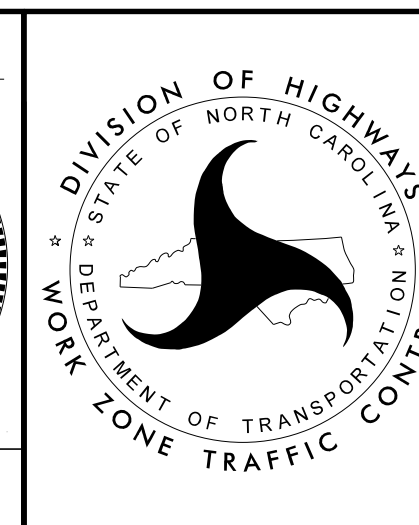


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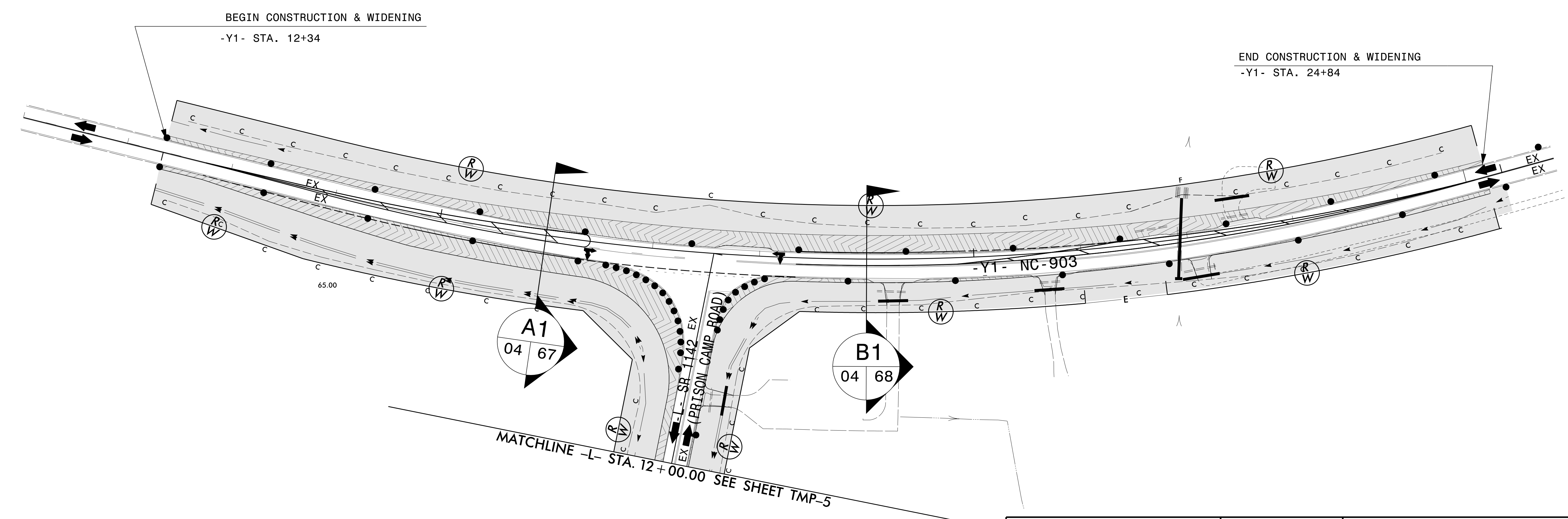
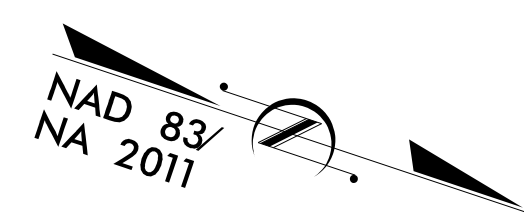


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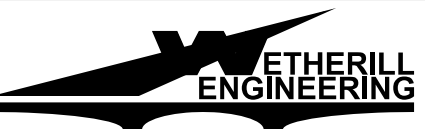


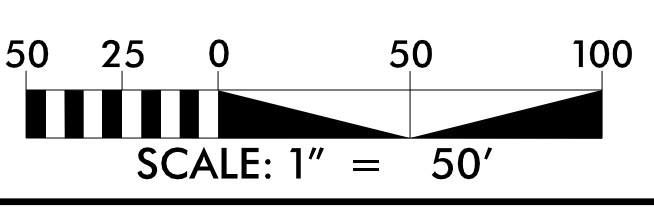
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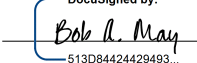


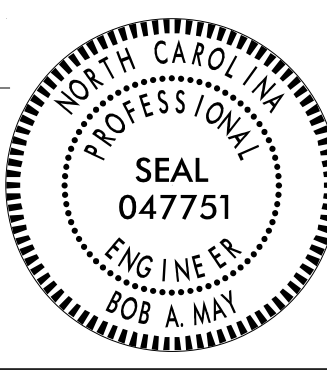


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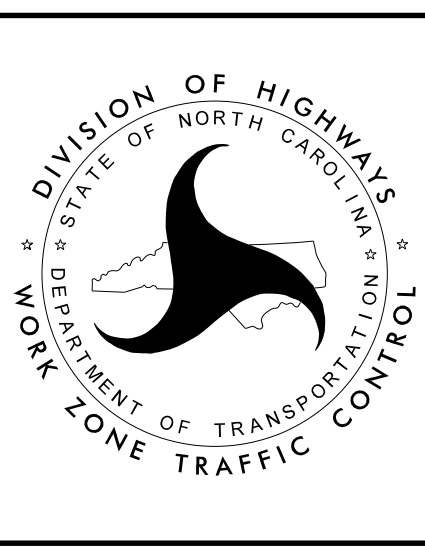

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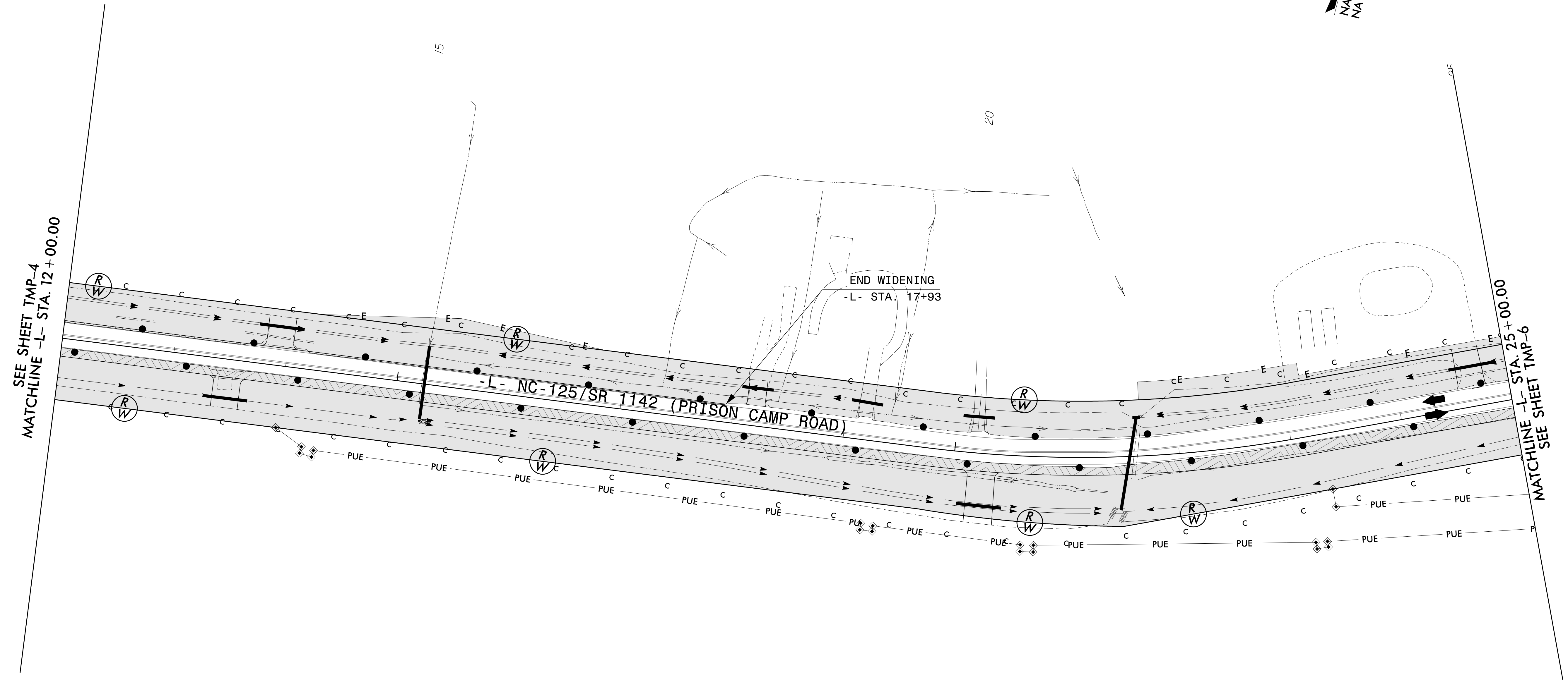
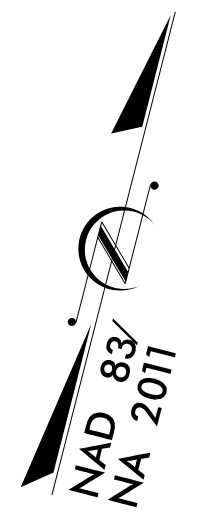
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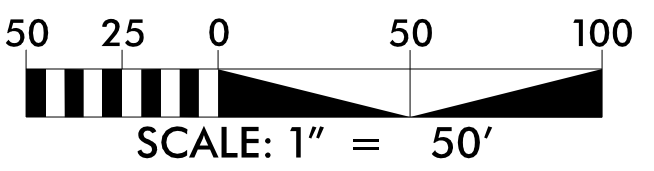


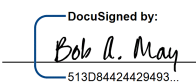

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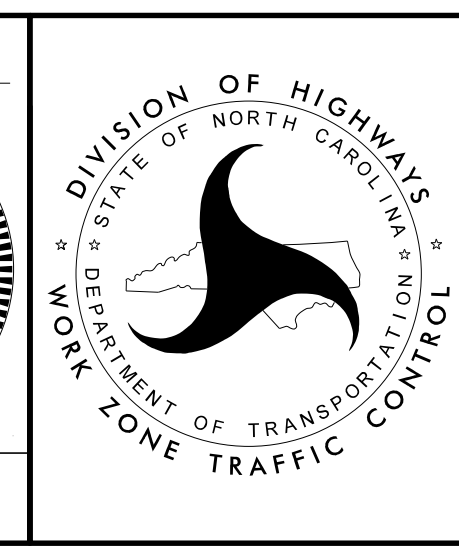


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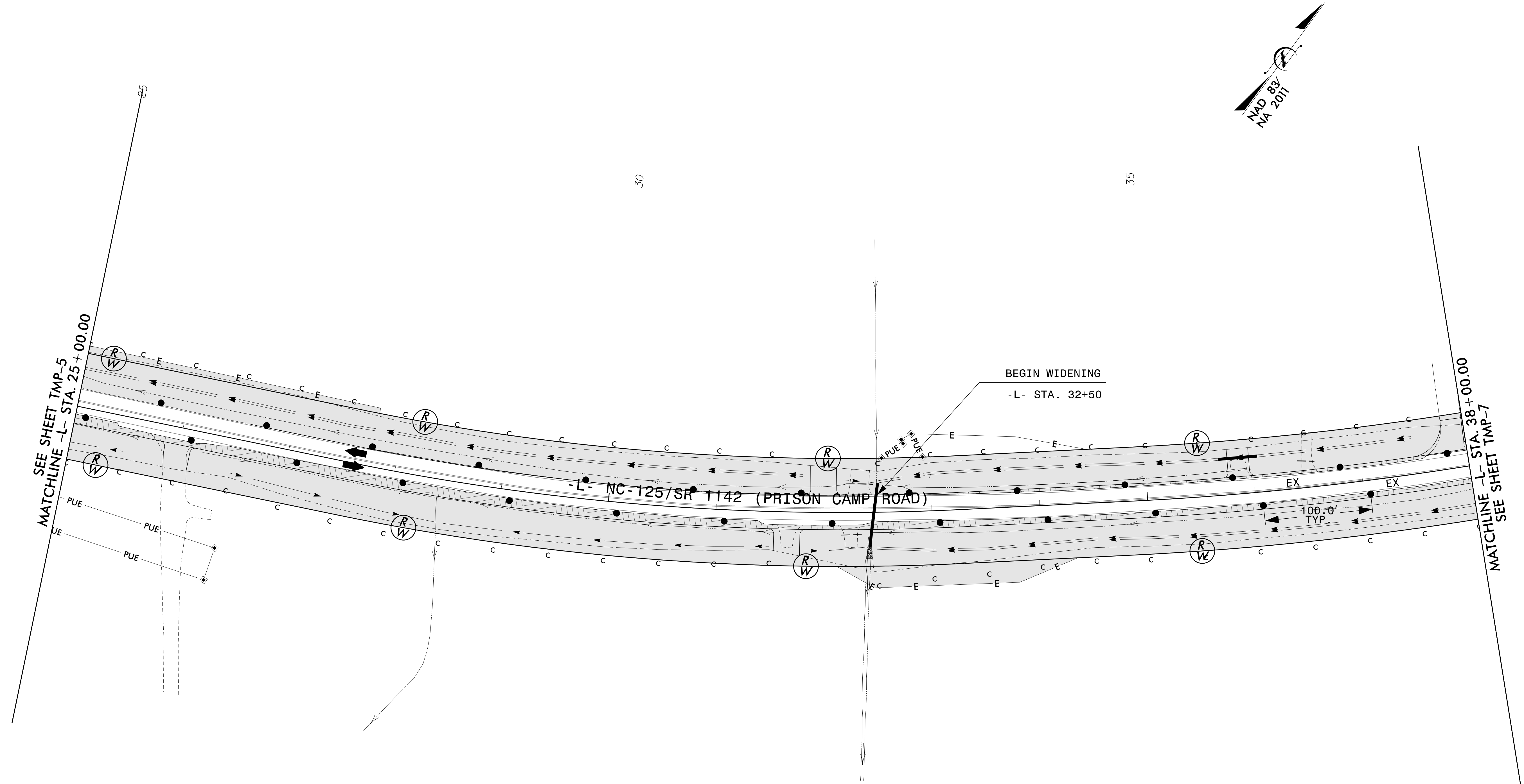


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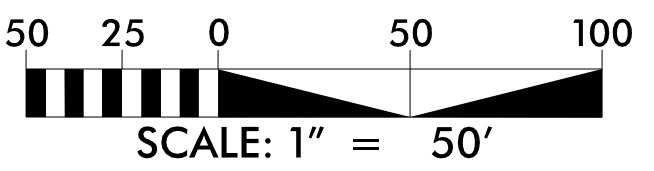


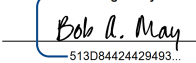
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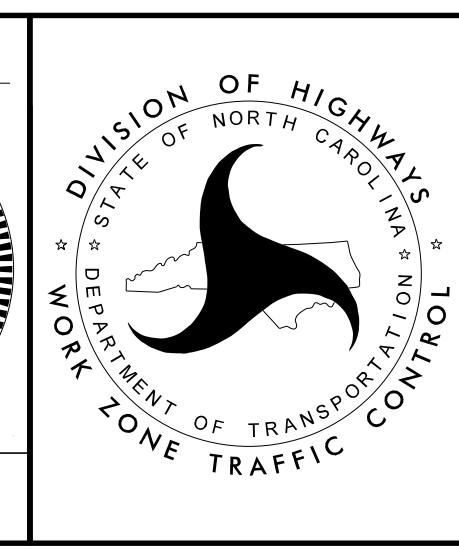


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Digitally signed by Bob A. May  
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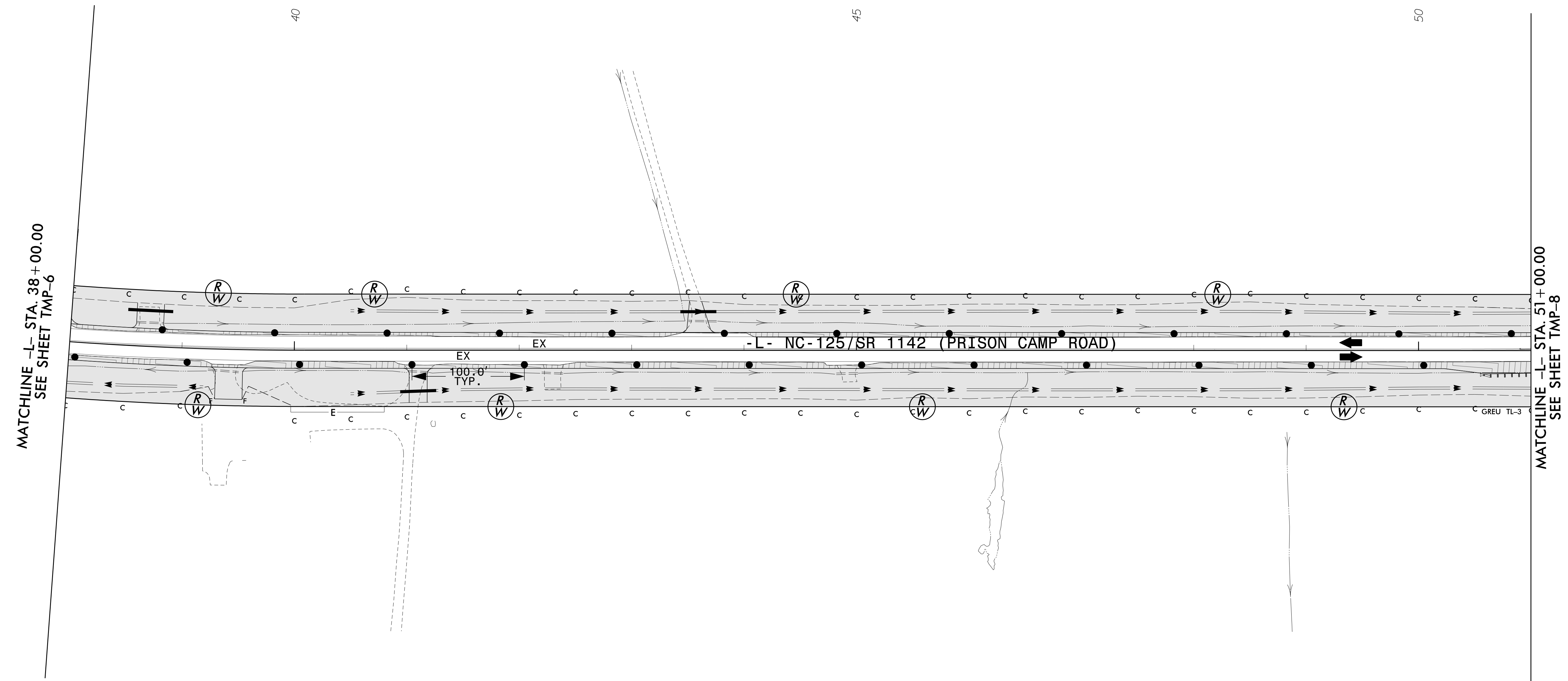


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R-4705	TMP-07



MATCHLINE -L- STA. 38+00.00  
SEE SHEET TMP-6

MATCHLINE -L- STA. 51+00.00  
SEE SHEET TMP-8

-L- NC-125/SR 1142 (PRISON CAMP ROAD)

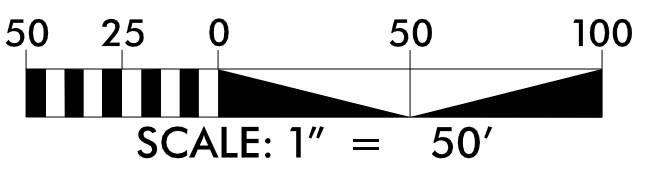
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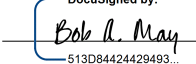
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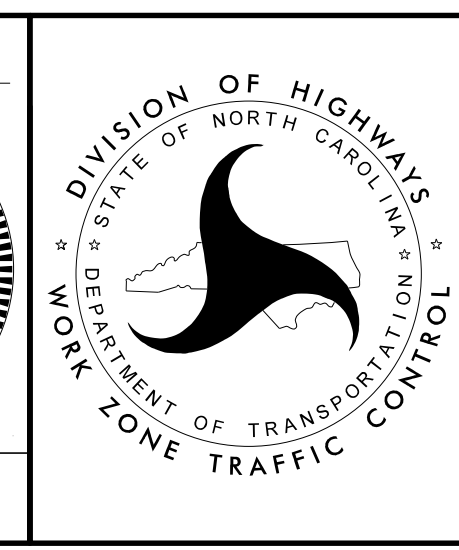
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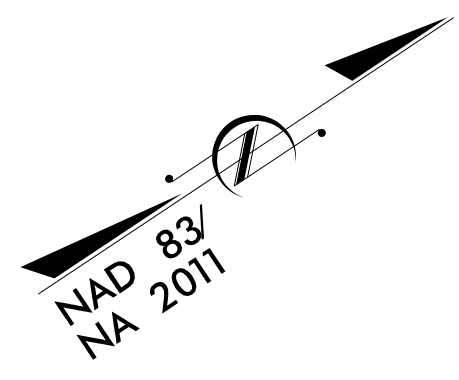


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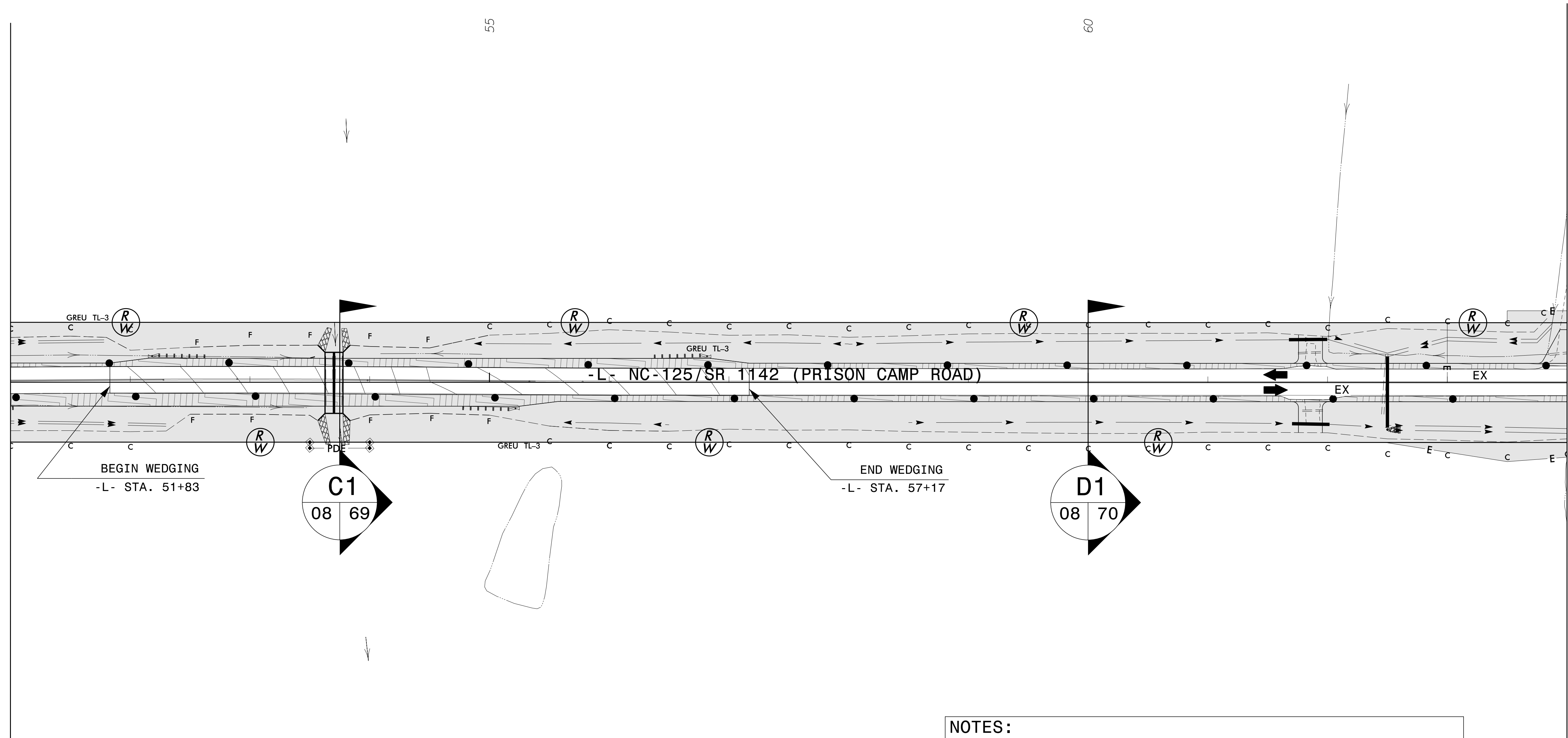


**PHASE I  
 PLAN SHEET**





SEE SHEET TMP-7  
MATCHLINE -L- STA. 51+00.00



MATCHLINE -L- STA. 64+00.00  
SEE SHEET TMP-9

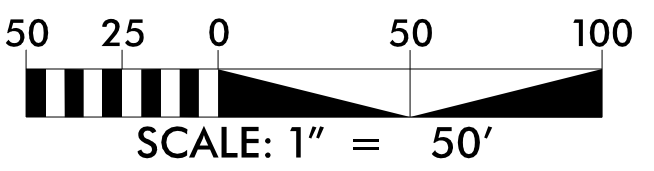
**NOTES:**

- CONTRACTOR SHALL INVENTORY EXISTING PAVEMENT MARKINGS AND REPLACE IN KIND UTILIZING TEMPORARY PAINT BETWEEN LIFTS OF PAVEMENT WITHIN WEDGING LIMITS.

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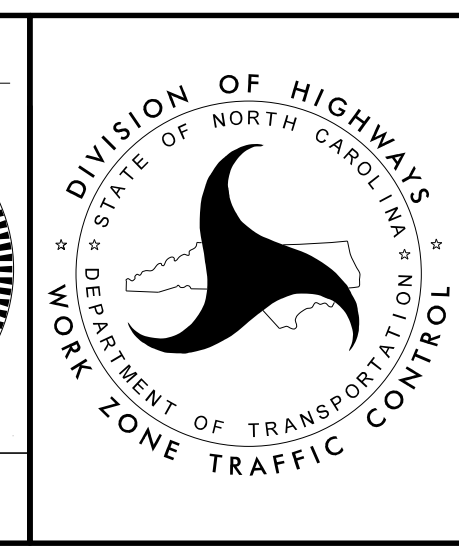
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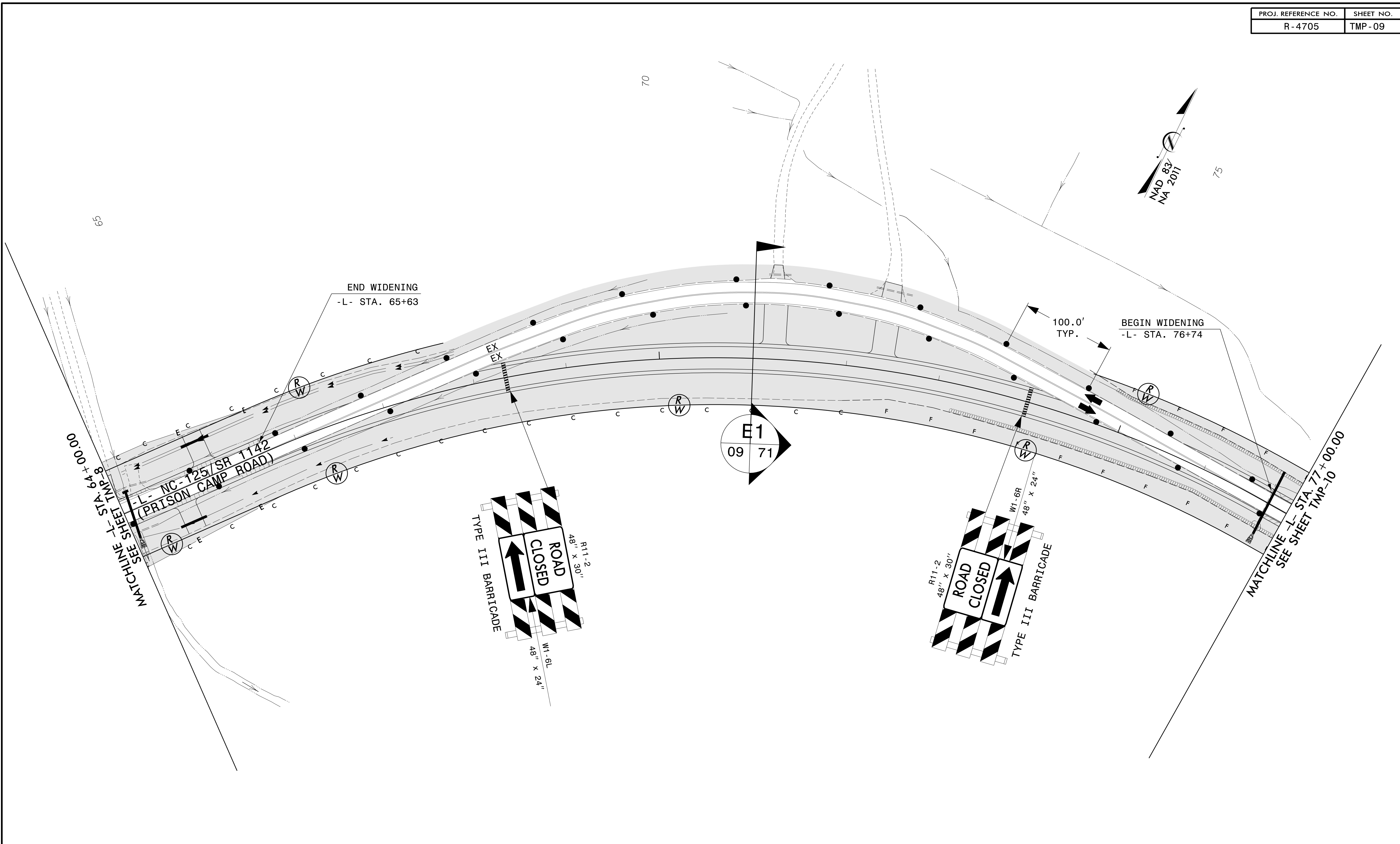
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DATE: 4/7/2022

**PROFESSIONAL SEAL**  
047751  
ENGINEER  
BOB A. MAY


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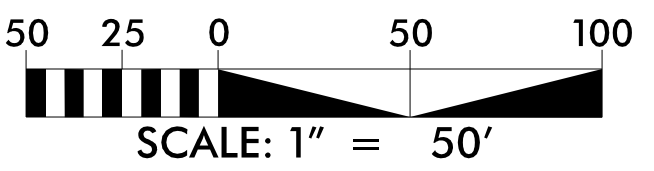


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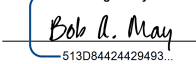



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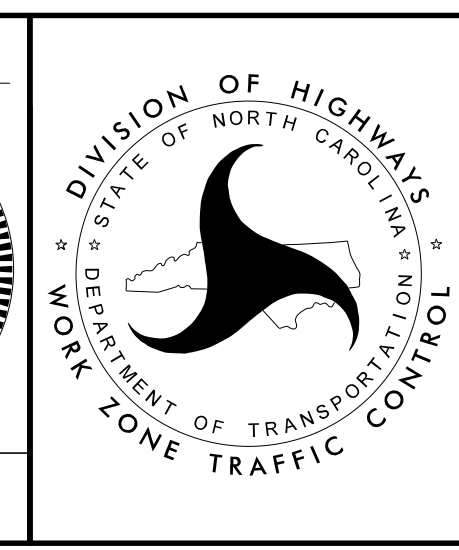


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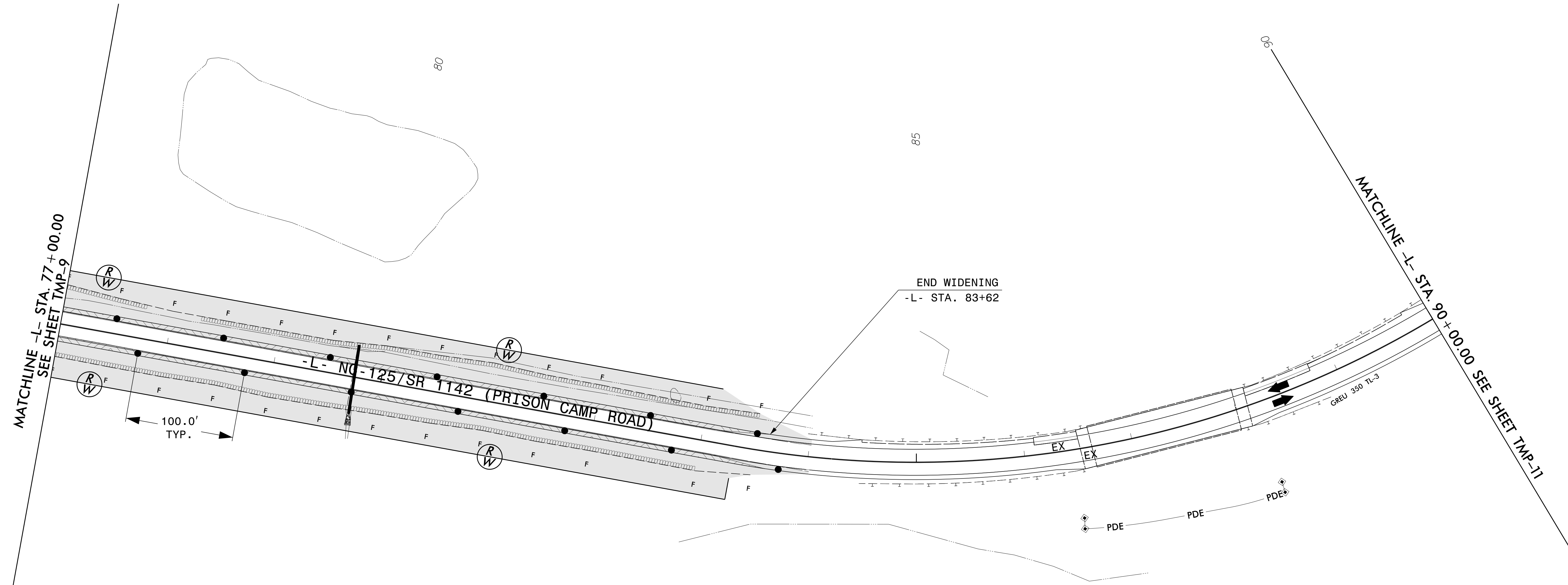
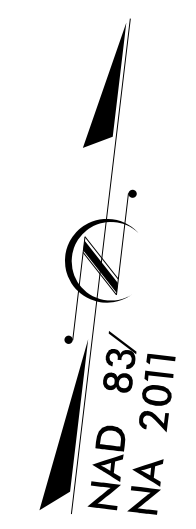
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**PHASE I  
 PLAN SHEET**



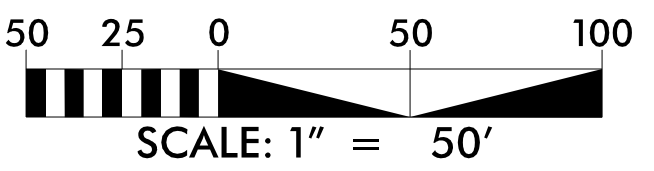
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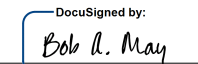


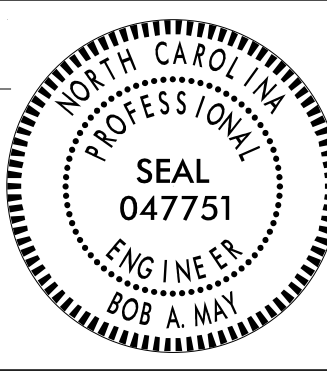
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 User: r4705


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 Bus: 919 851 8077  
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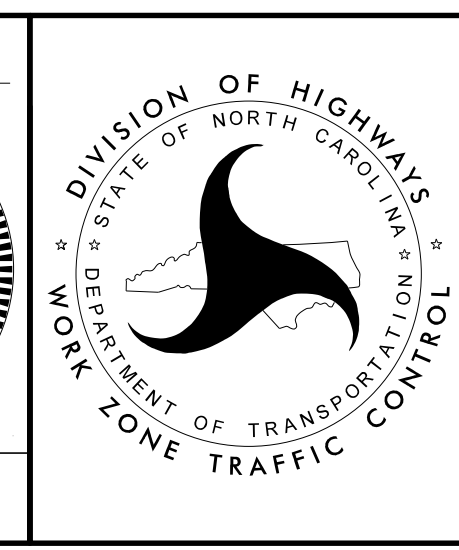
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 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



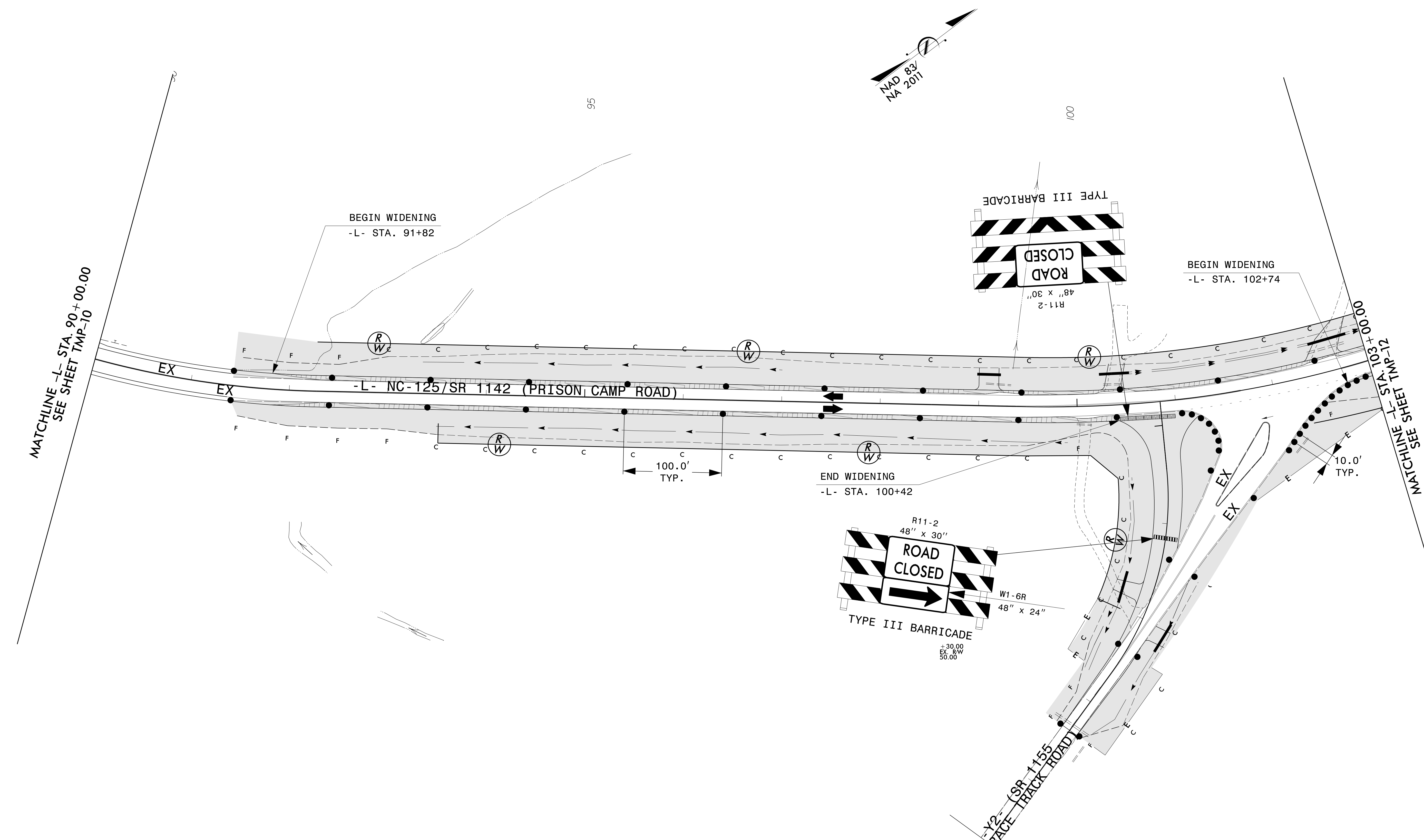
APPROVED:   
 DATE: 4/7/2022



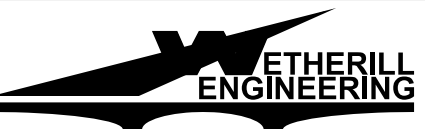
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 UNLESS ALL SIGNATURES COMPLETED**

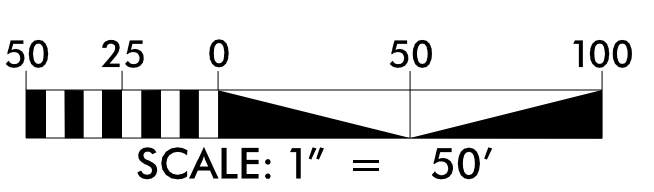


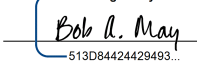
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3/14/2022  
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 User: jh101

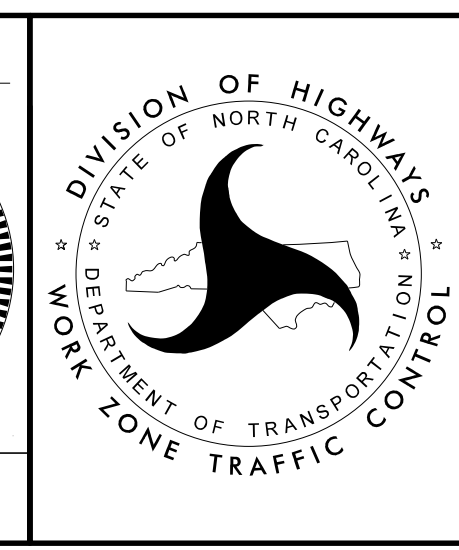

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 Fax: 919 851 8107



APPROVED:   
 DATE: 4/7/2022

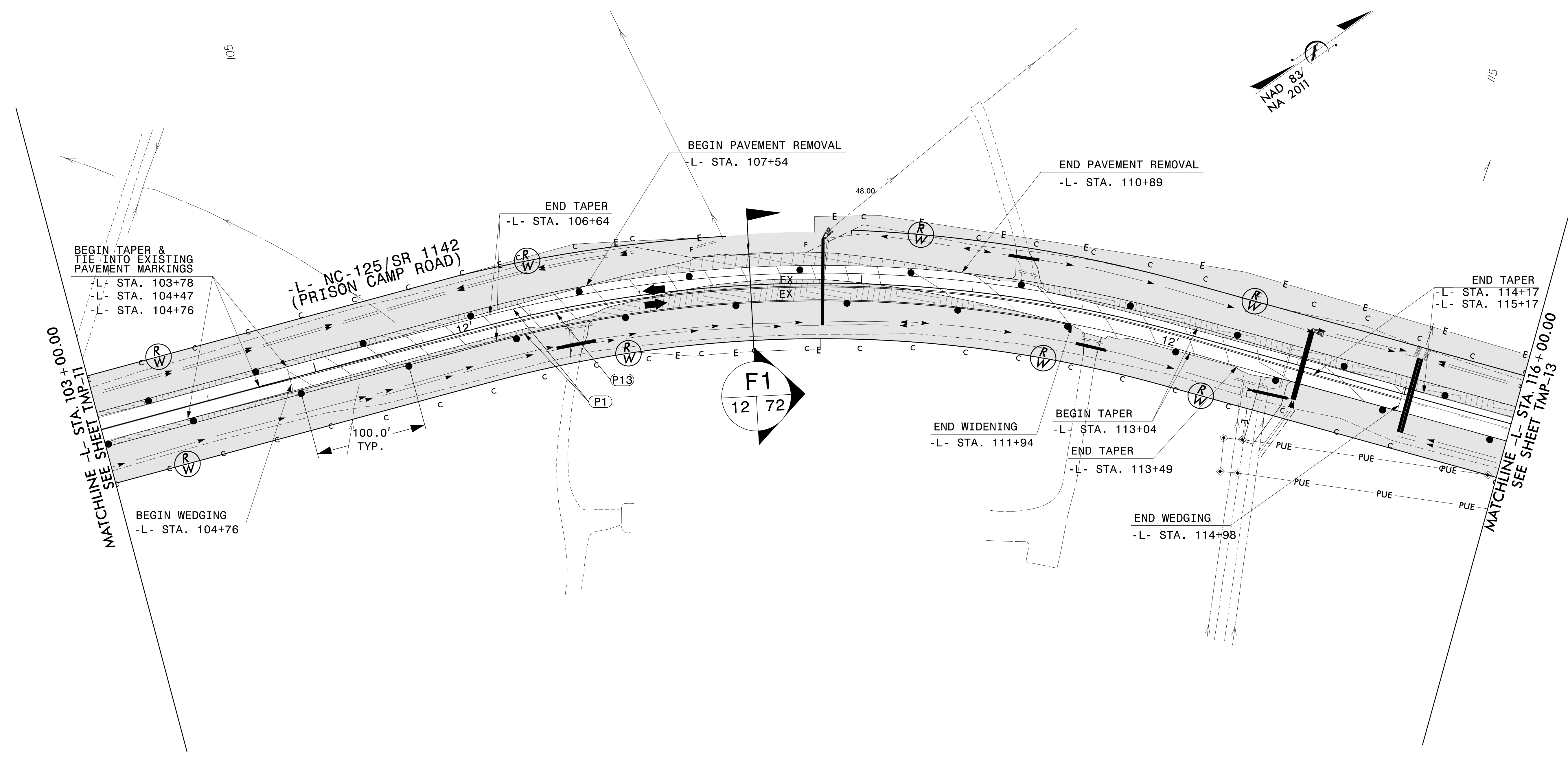


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**PHASE I  
 PLAN SHEET**





BEGIN TAPER & TIE INTO EXISTING PAVEMENT MARKINGS  
 -L- STA. 103+78  
 -L- STA. 104+47  
 -L- STA. 104+76

-L- NC-125/SR 1142  
 (PRISON CAMP ROAD)

END TAPER  
 -L- STA. 106+64

BEGIN PAVEMENT REMOVAL  
 -L- STA. 107+54

END PAVEMENT REMOVAL  
 -L- STA. 110+89

END TAPER  
 -L- STA. 114+17  
 -L- STA. 115+17

MATCHLINE -L- STA. 103+00.00  
 SEE SHEET TMP-11

MATCHLINE -L- STA. 116+00.00  
 SEE SHEET TMP-13

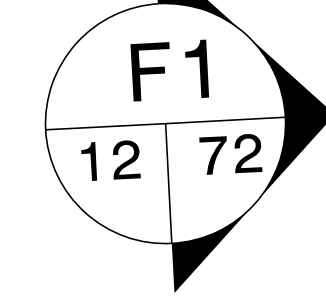
BEGIN WEDGING  
 -L- STA. 104+76

END WIDENING  
 -L- STA. 111+94

BEGIN TAPER  
 -L- STA. 113+04

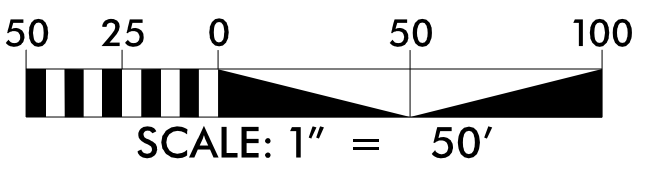
END TAPER  
 -L- STA. 113+49

END WEDGING  
 -L- STA. 114+98



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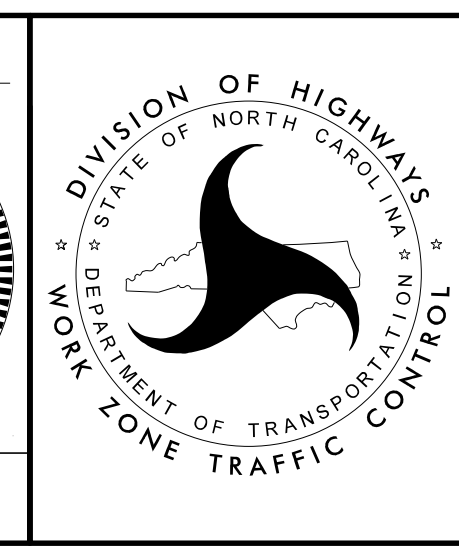
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 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



APPROVED: *Bob A. May*  
 DATE: 4/7/2022

**PROFESSIONAL SEAL**  
 047751  
 BOB A. MAY  
 ENGINEER

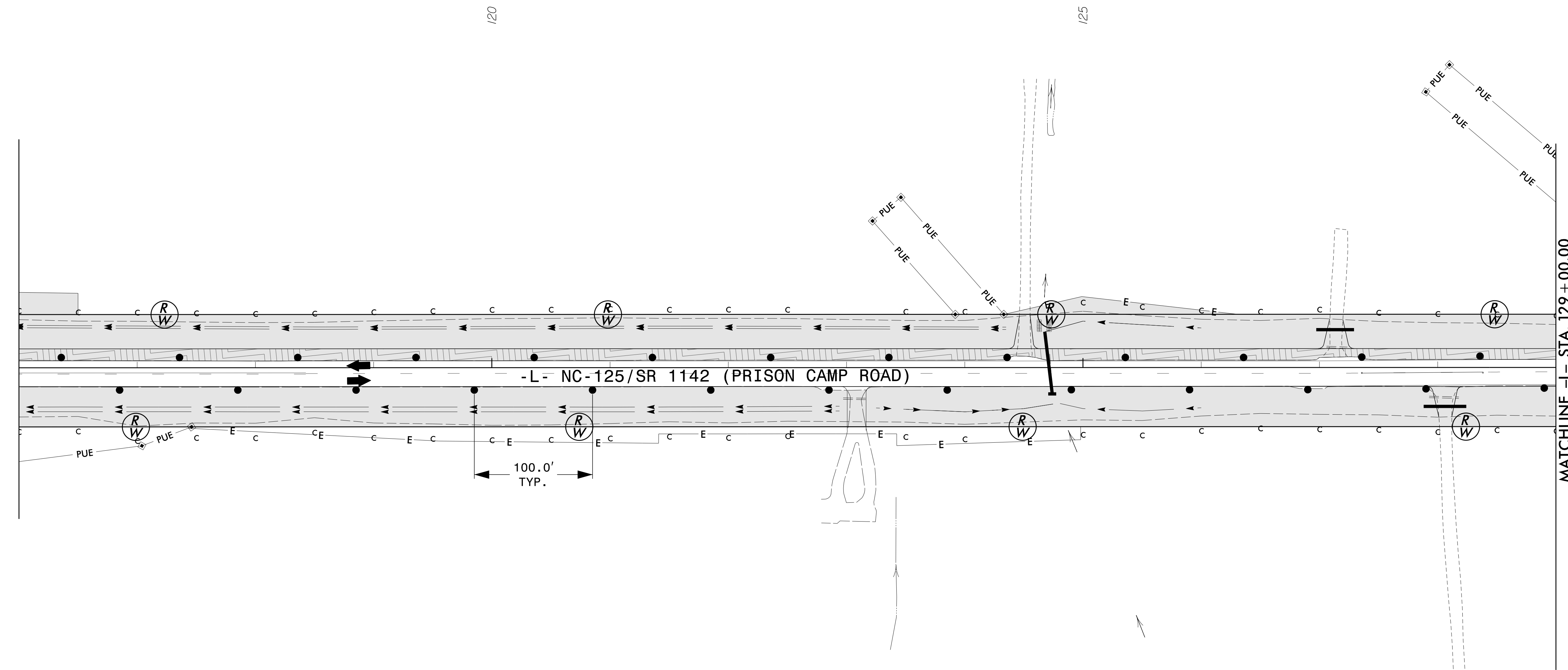
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 User: rphilly

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SEE SHEET TMP-12

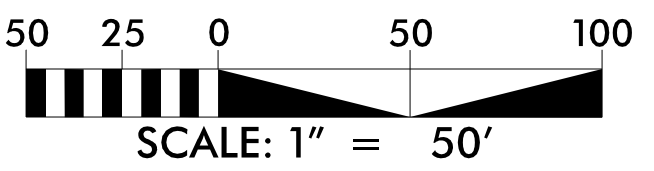


MATCHLINE -L- STA. 129+00.00  
SEE SHEET TMP-14

3/14/2022  
3/20/2022  
User: PHILIP

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 License No. F-0377  
 Bus: 919 851 8077  
 Fax: 919 851 8107

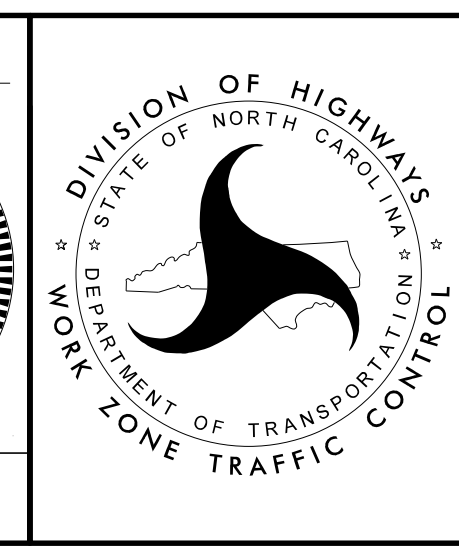
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



APPROVED: *Bob A. May*  
 DATE: 4/7/2022

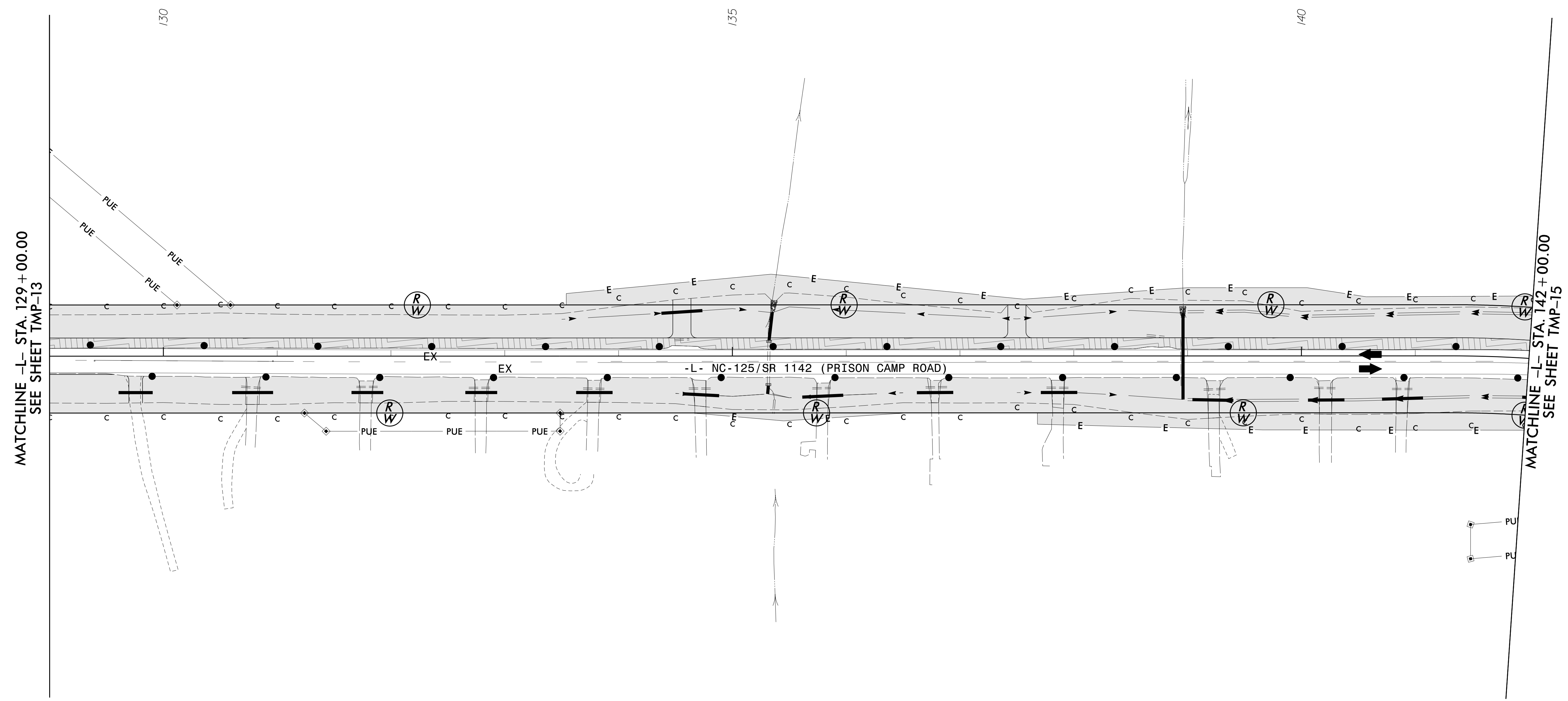
**PROFESSIONAL SEAL**  
 NORTH CAROLINA  
 ENGINEER  
 047751  
 BOB A. MAY

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PLAN SHEET

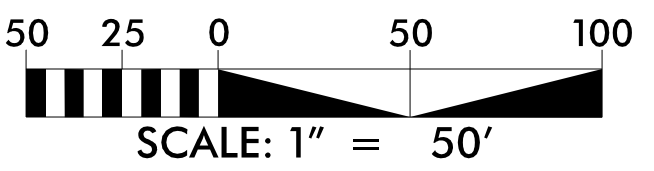


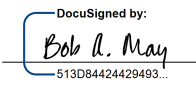



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 User: jh1414


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 Fax: 919 851 8107

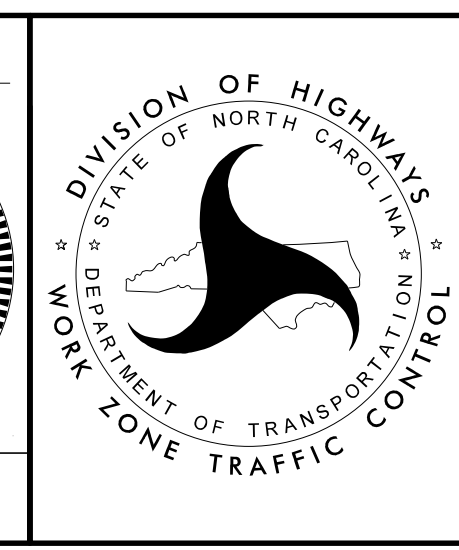
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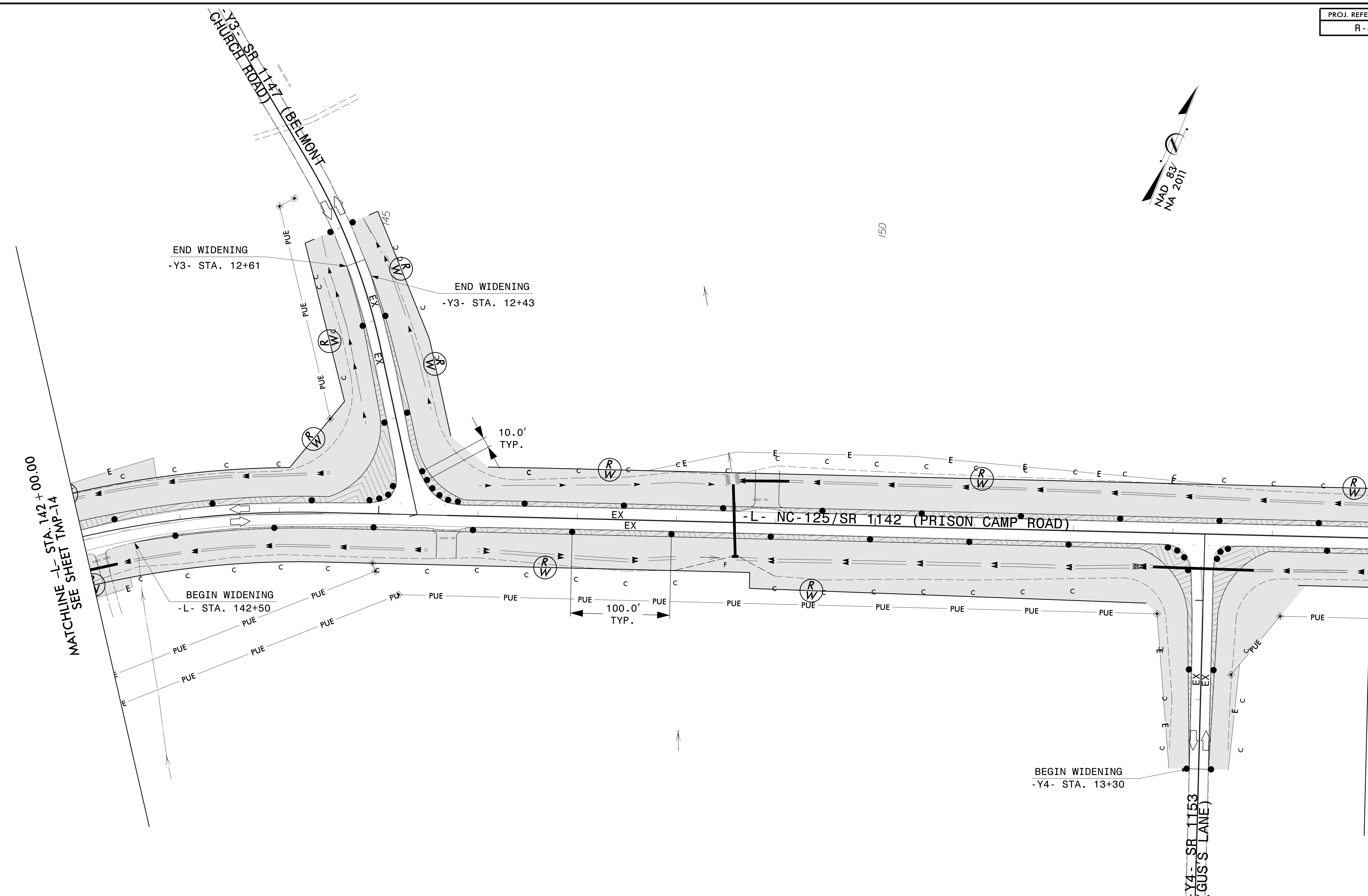
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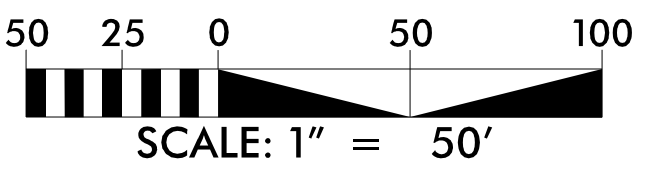
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 Fax: 919 851 8107

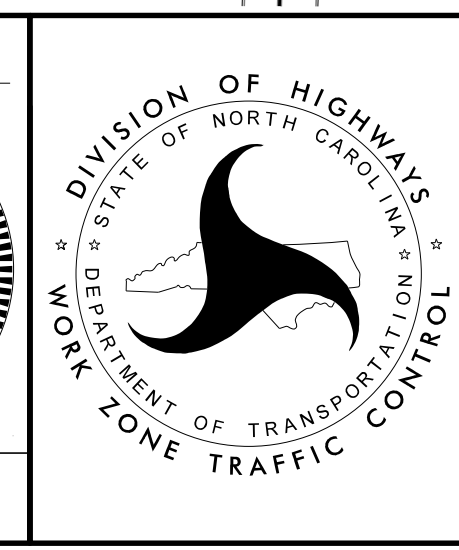


TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

APPROVED: *Bob A. May*  
 DATE: 4/7/2022

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 NORTH CAROLINA  
 047751  
 ENGINEER  
 BOB A. MAY

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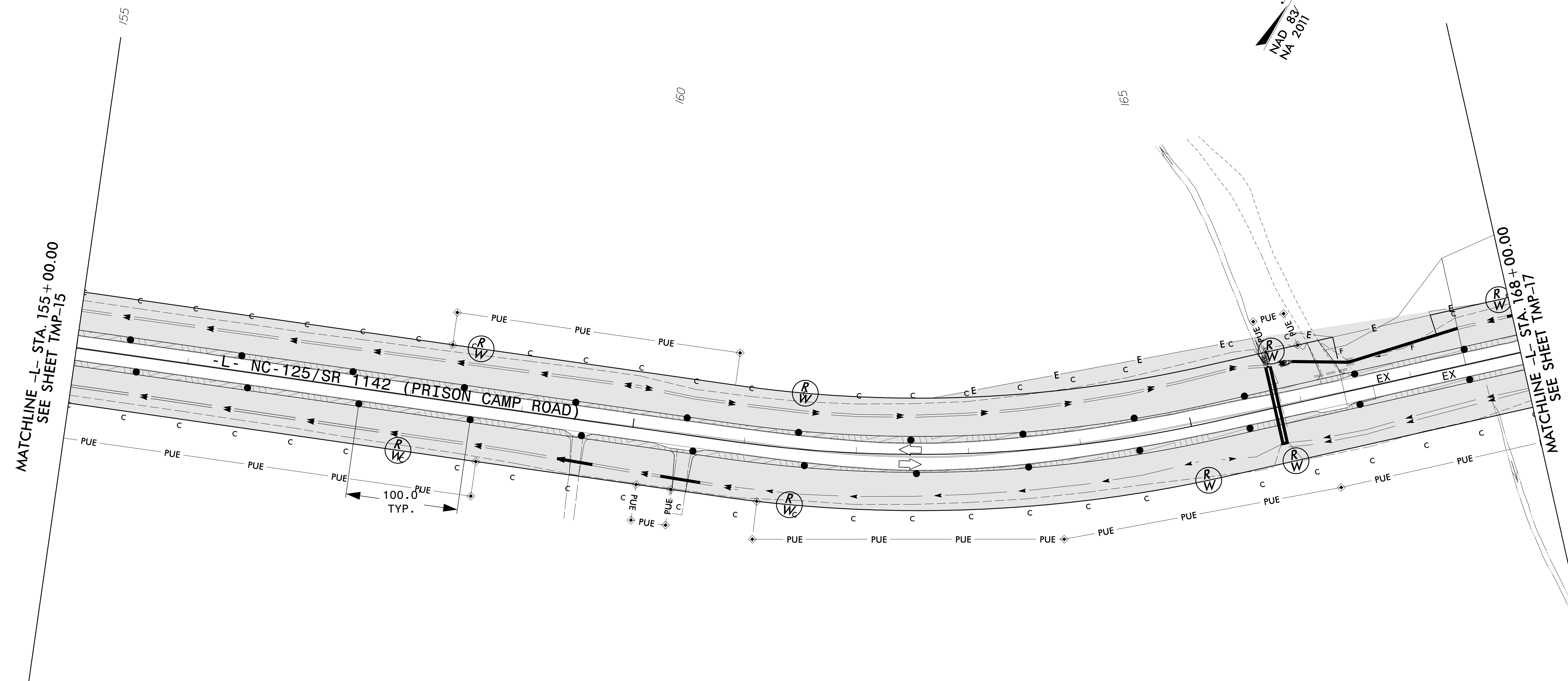
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 SEE SHEET TMP-16

MATCHLINE -L- STA. 142+00.00  
 SEE SHEET TMP-14



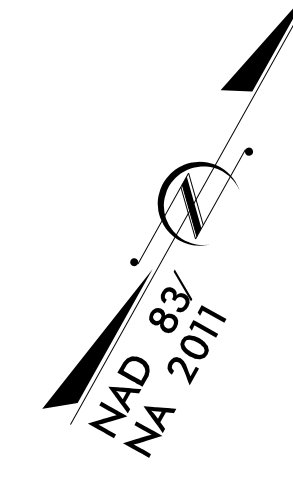


MATCHLINE -L- STA. 155+00.00  
SEE SHEET TMP-15

MATCHLINE -L- STA. 168+00.00  
SEE SHEET TMP-17

-L- NC-125/SR 1142 (PRISON CAMP ROAD)

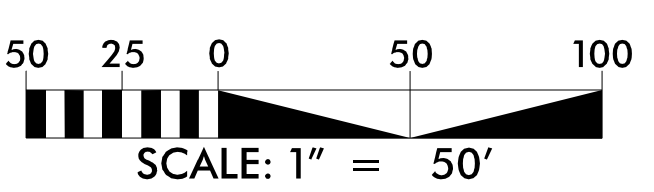
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 User: PHL/yes

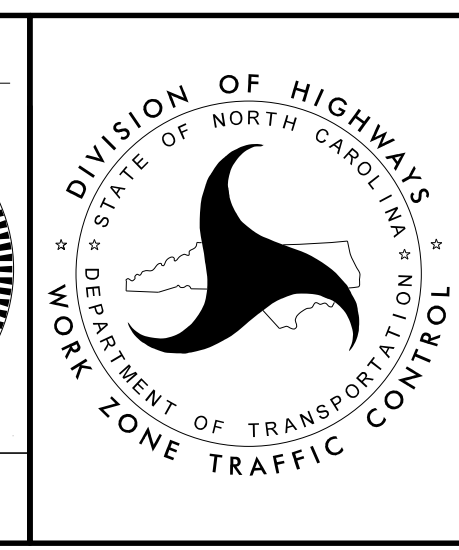
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 Bus: 919 851 8077  
 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

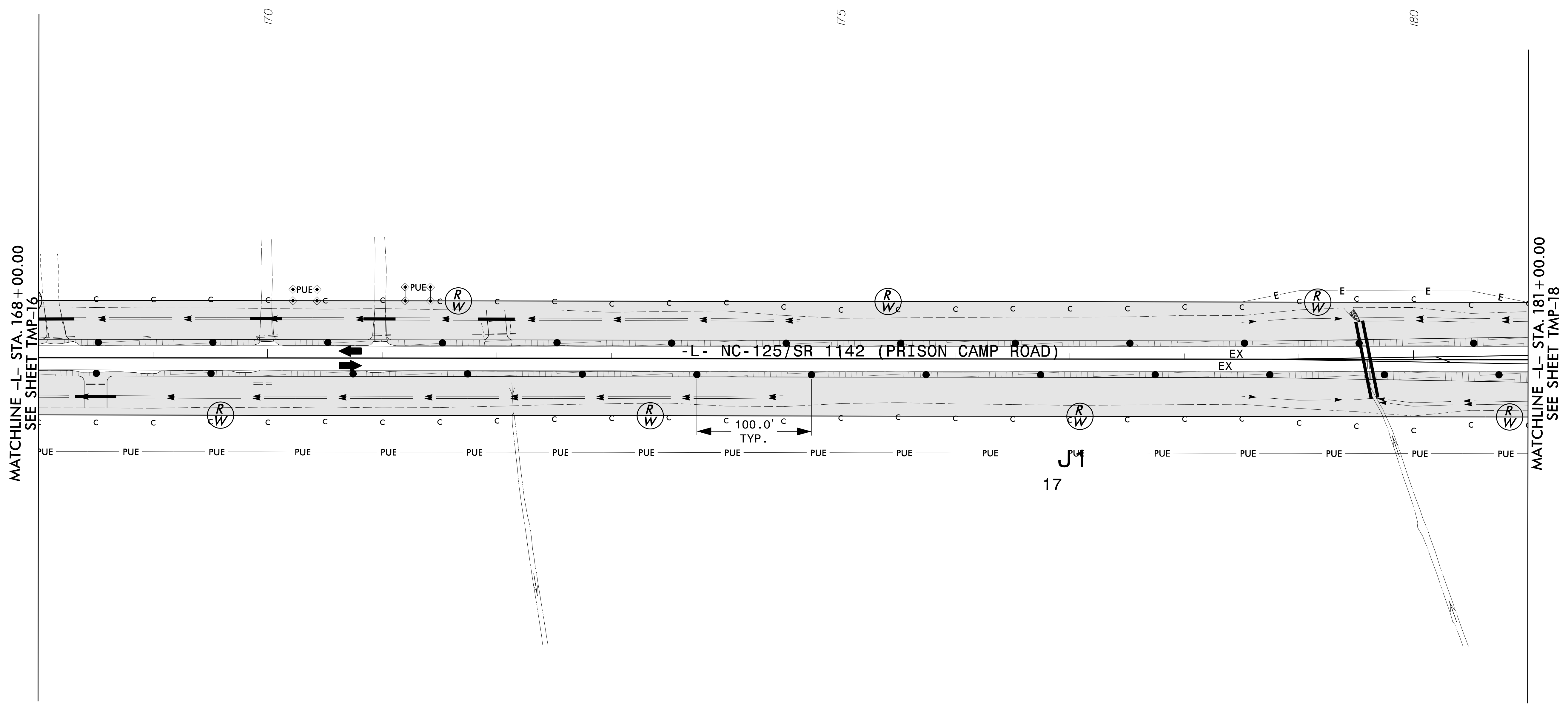


APPROVED: *Bob A. May*  
 DATE: 4/7/2022

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**PHASE I  
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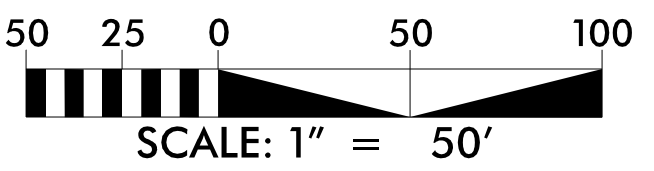


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17

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 User: jh1414

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 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

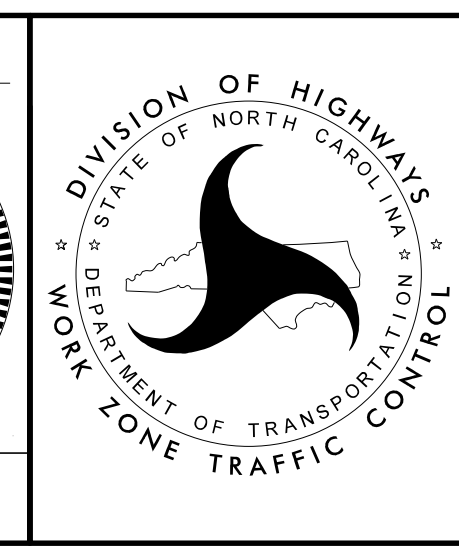


APPROVED: *Bob A. May*  
DocuSigned by:  
Bob A. May  
51306424234921

DATE: 4/7/2022

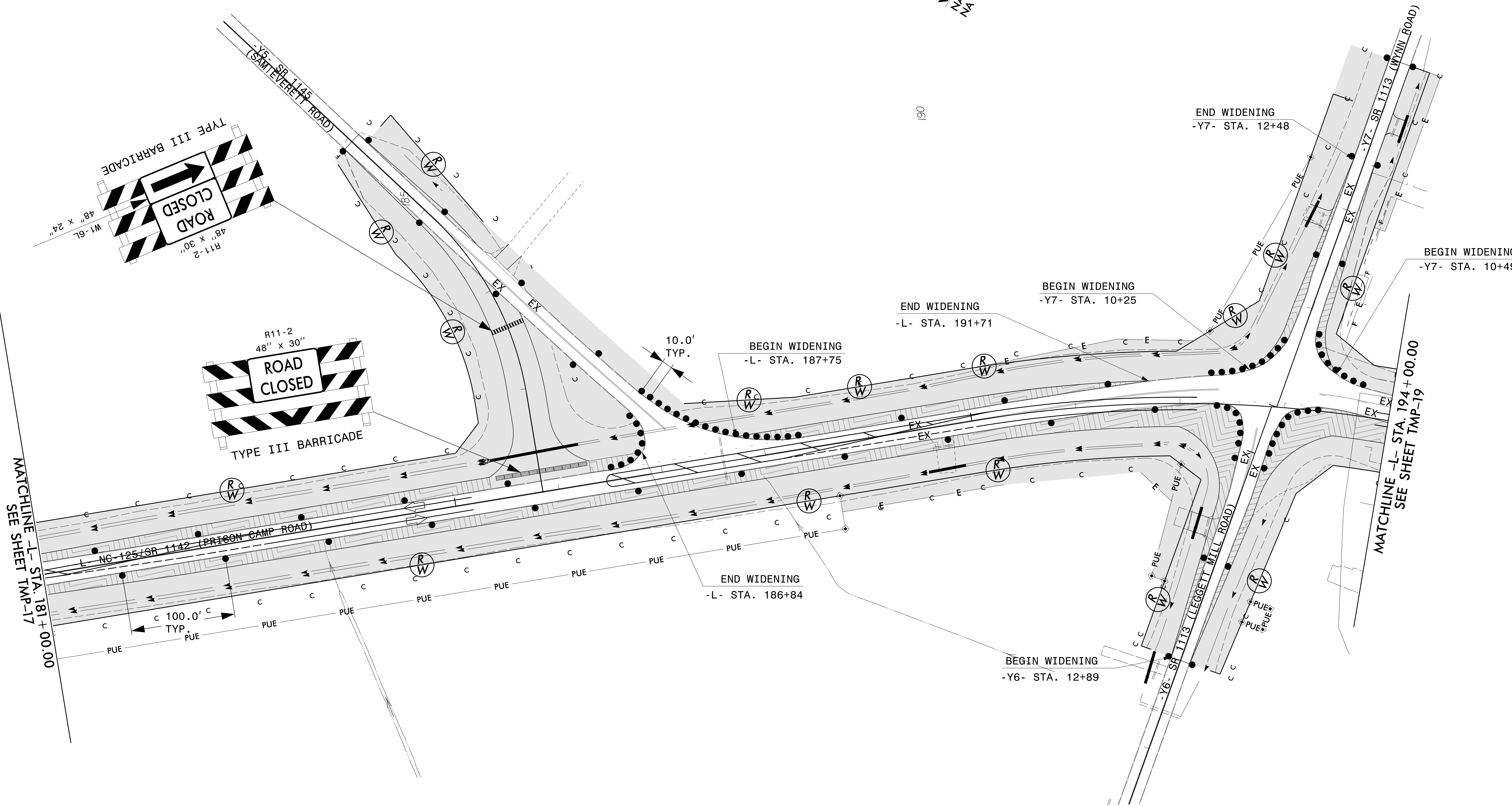
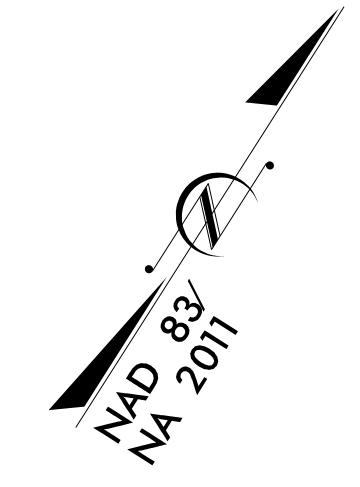
**SEAL**  
 NORTH CAROLINA  
 PROFESSIONAL  
 ENGINEER  
 047751  
 BOB A. MAY

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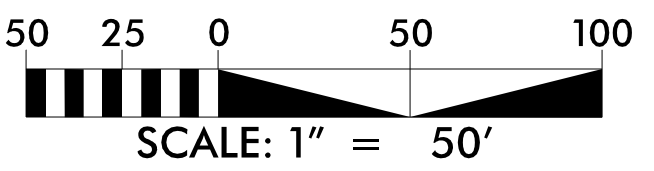


MATCHLINE -L- STA. 181+00.00  
SEE SHEET TMP-17

MATCHLINE -L- STA. 194+00.00  
SEE SHEET TMP-19

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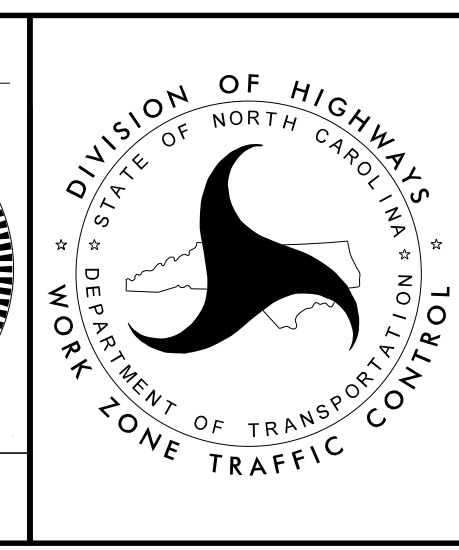
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
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APPROVED: *Bob A. May*  
DESIGNED BY: Bob A. May 5100842423009

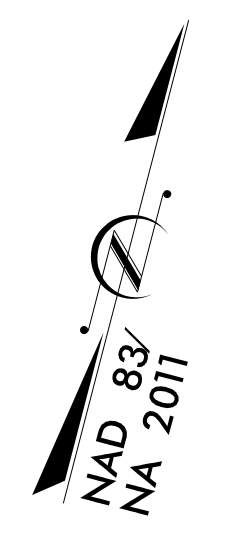
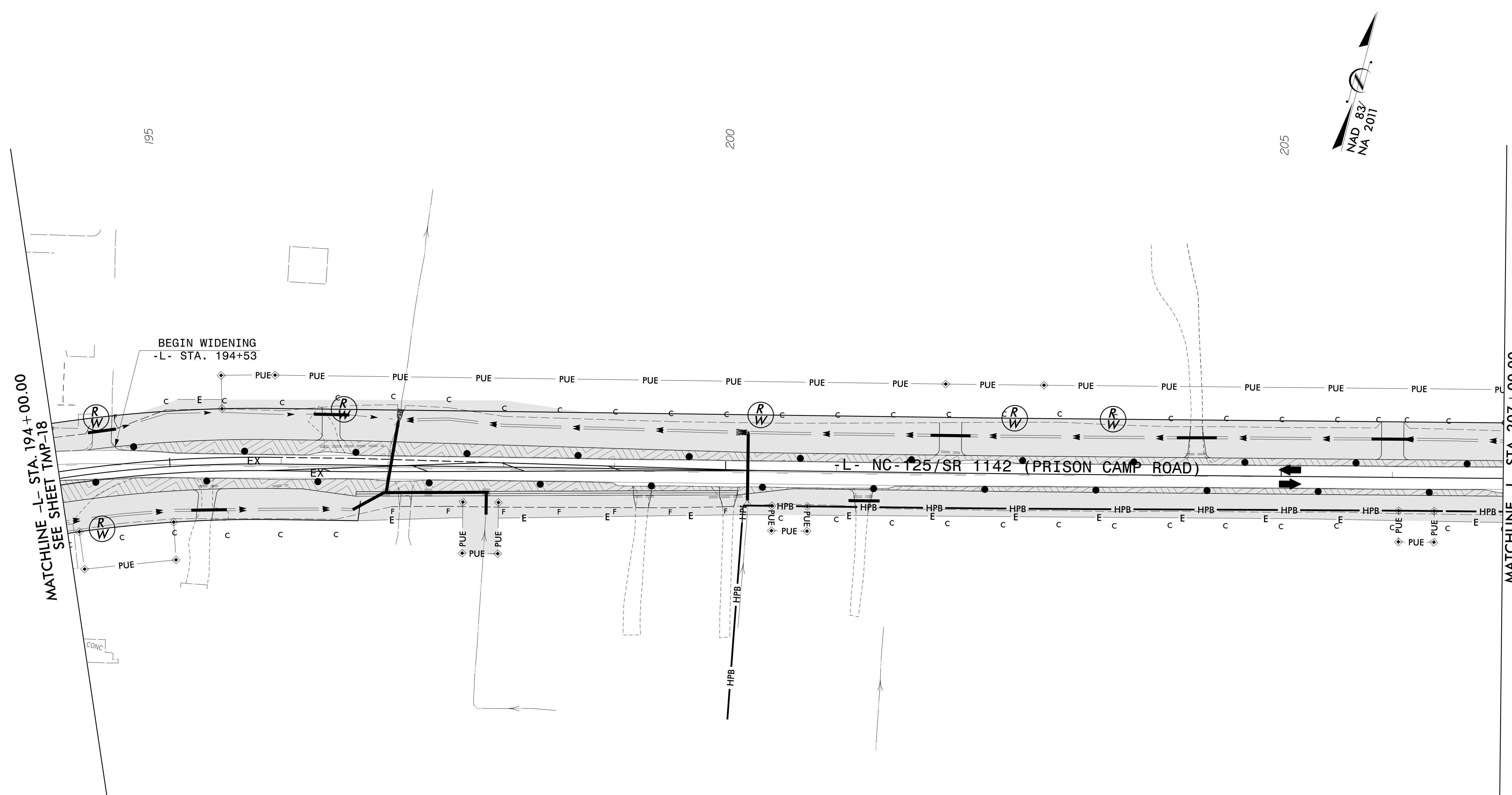
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 User: jh101



BEGIN WIDENING  
-L- STA. 194+53

L- NC-125/SR 1142 (PRISON CAMP ROAD)

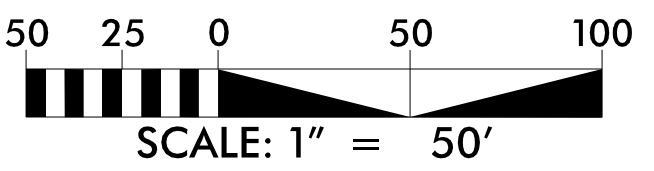
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SEE SHEET TMP-18

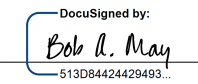
MATCHLINE -L- STA. 207+00.00  
SEE SHEET TMP-20

3/14/2022  
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 User: rathayes

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 Bus: 919 851 8077  
 Fax: 919 851 8107

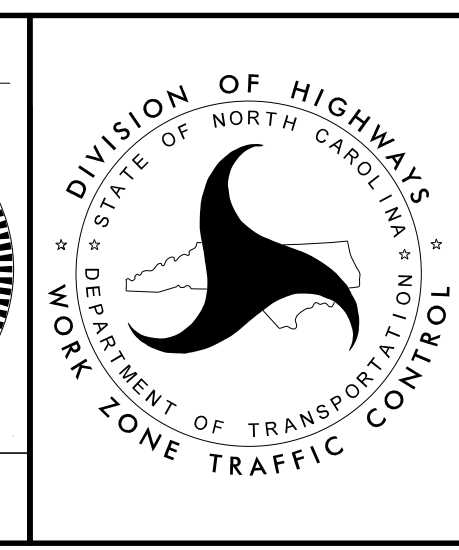
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APPROVED:   
 DATE: 4/7/2022

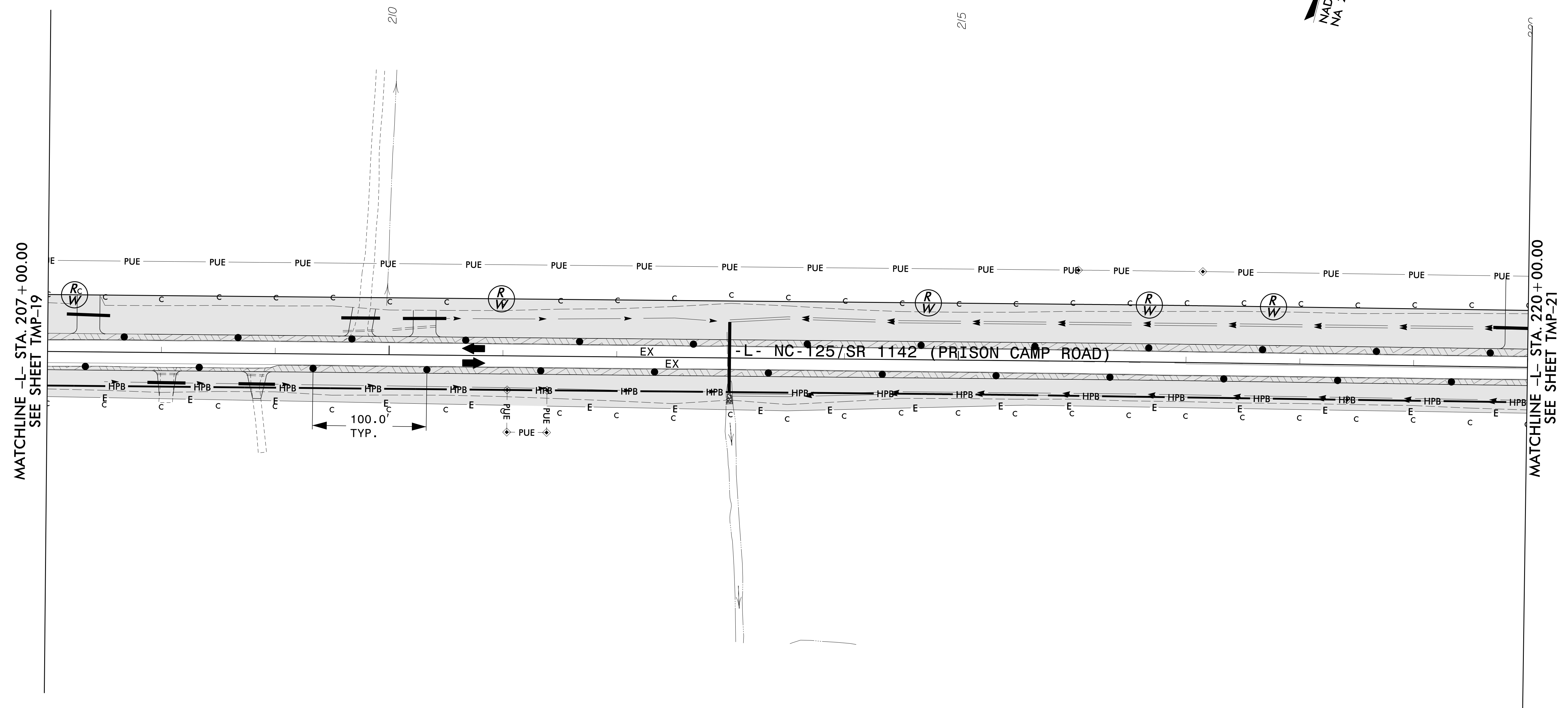
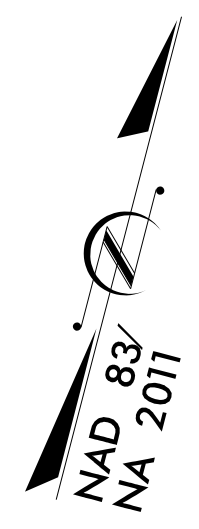
**SEAL**  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 047751  
 BOB A. MAY

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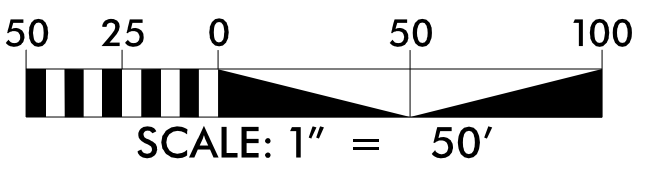
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SEE SHEET TMP-19

MATCHLINE -L- STA. 220 + 00.00  
SEE SHEET TMP-21

3/14/2022  
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User: rathayes

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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

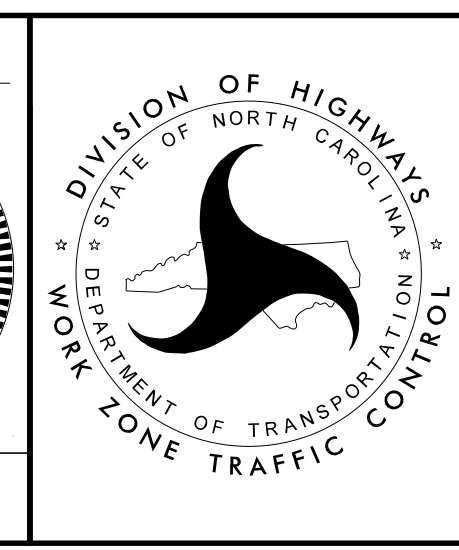


APPROVED: *Bob A. May*  
DocuSigned by:  
Bob A. May  
5130842429493

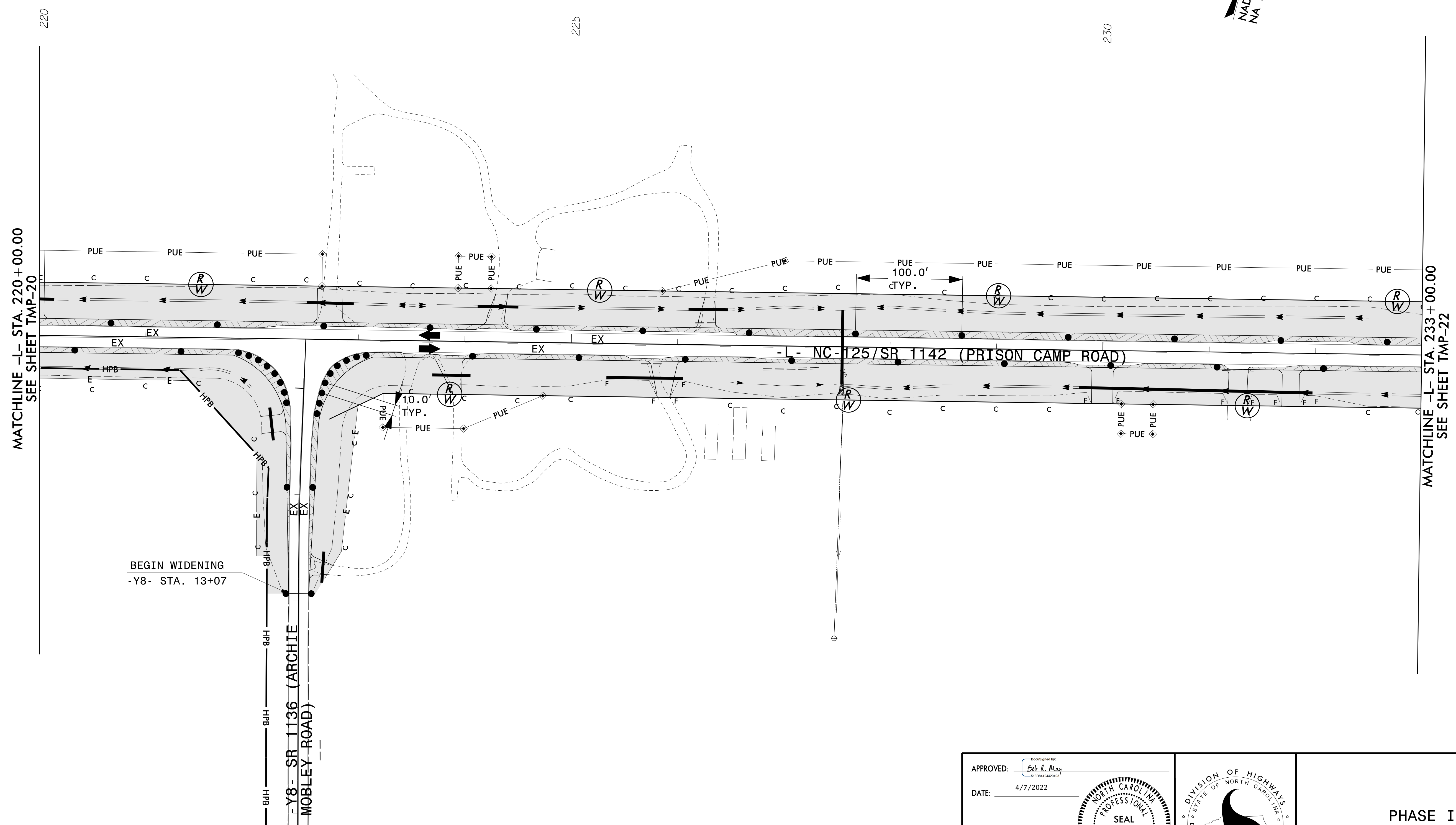
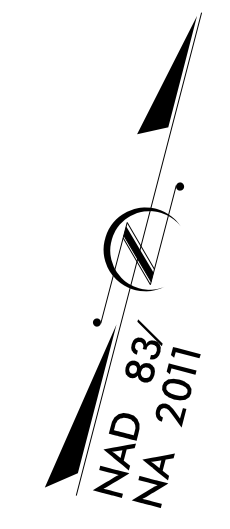
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**SEAL**  
 NORTH CAROLINA  
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 ENGINEER  
 047751  
 BOB A. MAY

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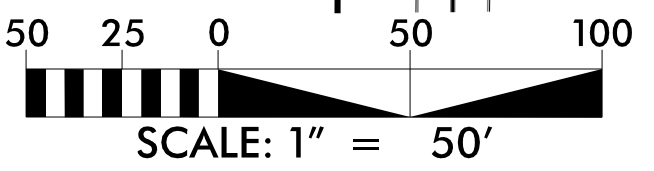


BEGIN WIDENING  
-Y8- STA. 13+07

Y8 - SR 1136 (ARCHIE MOBLEY ROAD)

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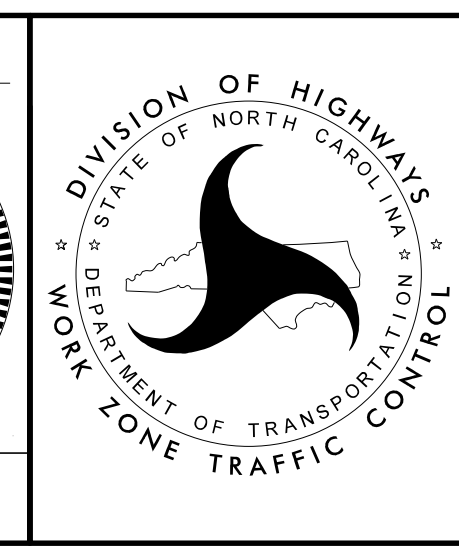
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



APPROVED: *Bob A. May*  
 DATE: 4/7/2022

**SEAL**  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 047751  
 BOB A. MAY

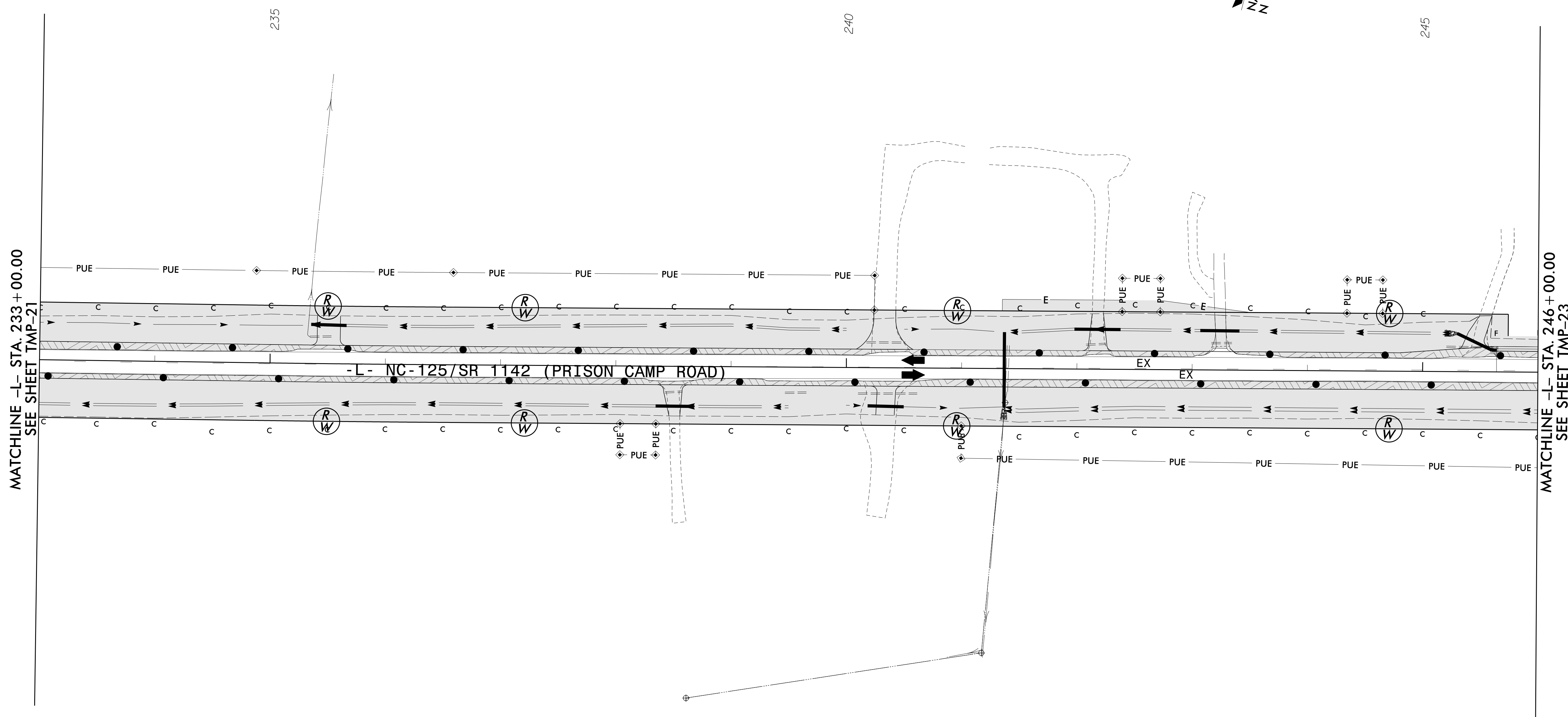
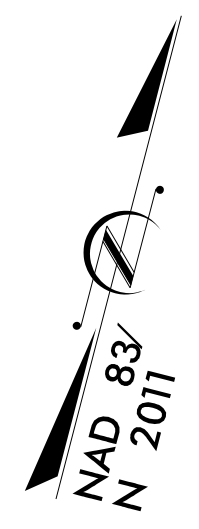
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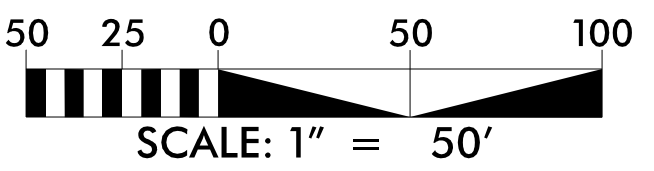
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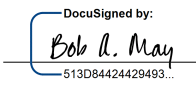



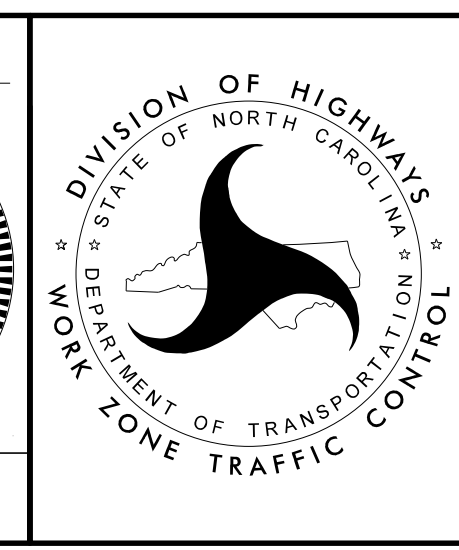


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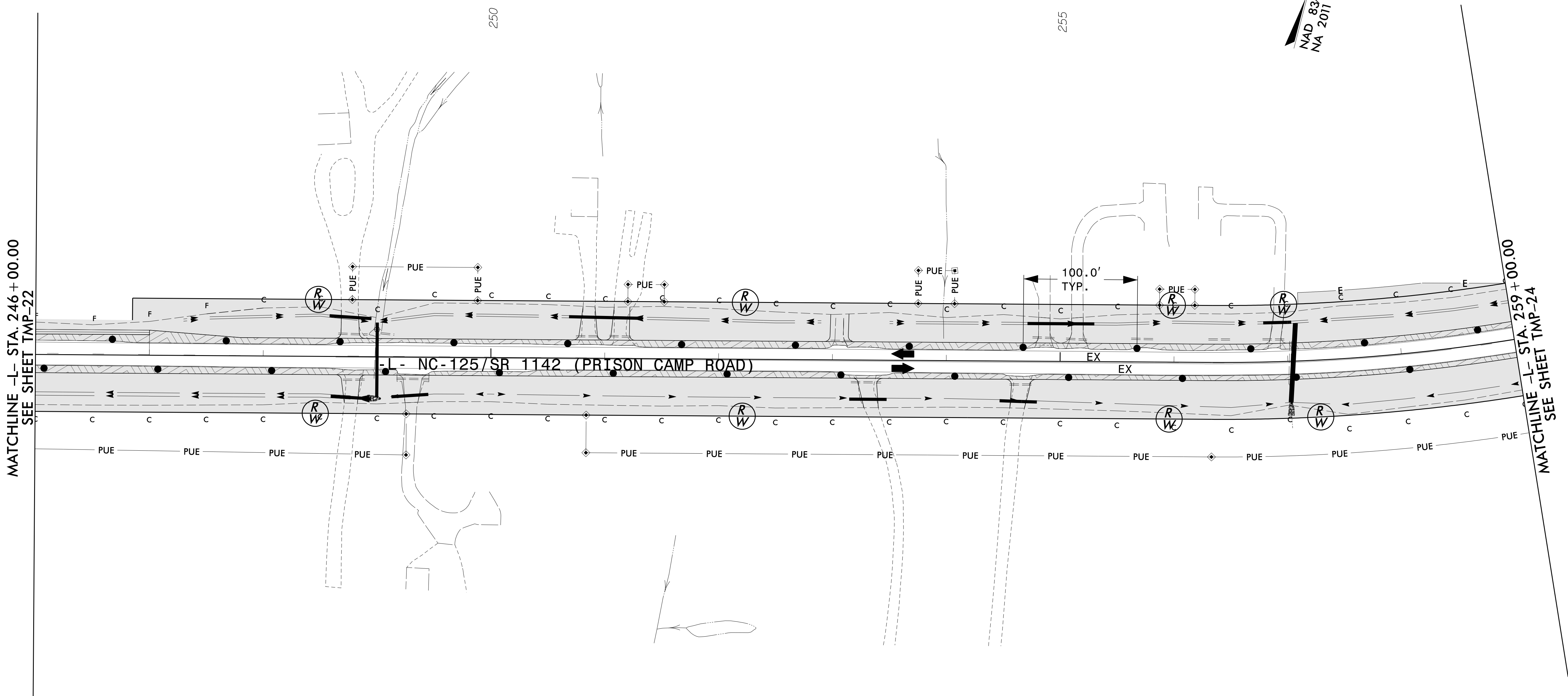
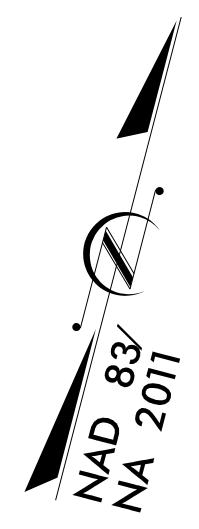

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 Bus: 919 851 8077  
 Fax: 919 851 8107



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**PHASE I  
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SEE SHEET TMP-22

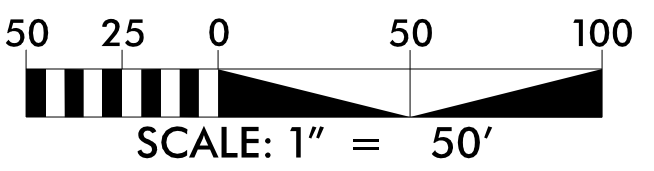
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SEE SHEET TMP-24

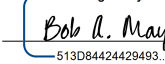
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3/14/2022  
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 User: rathayes

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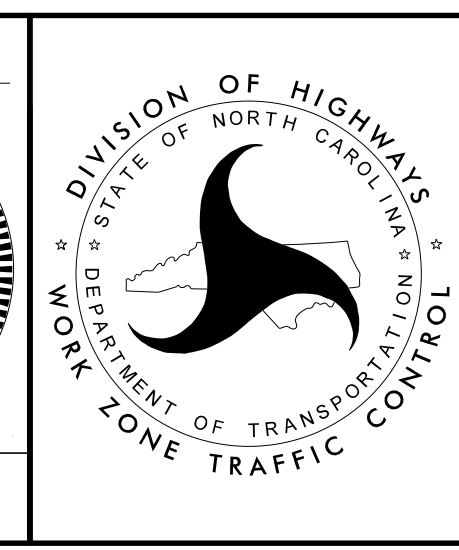
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 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



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 047751  
 ENGINEER  
 BOB A. MAY

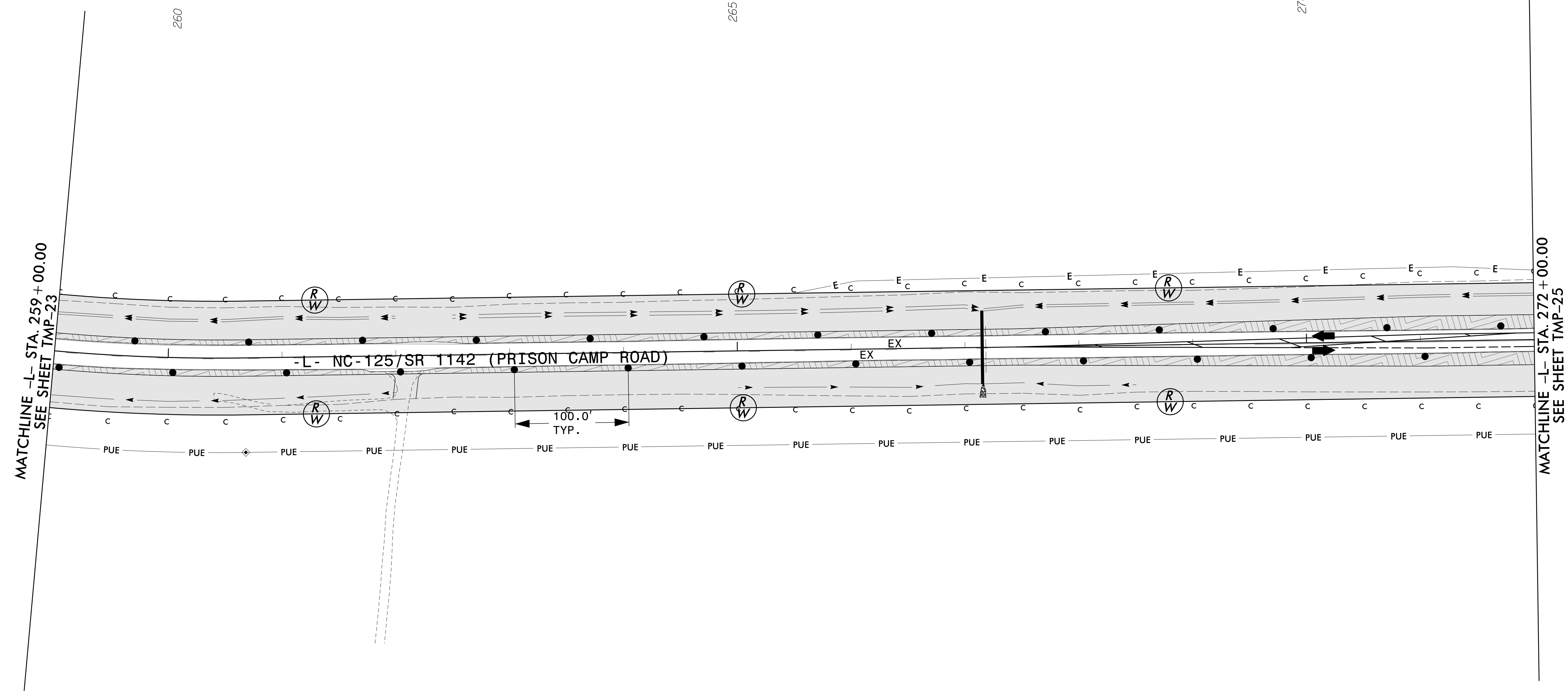
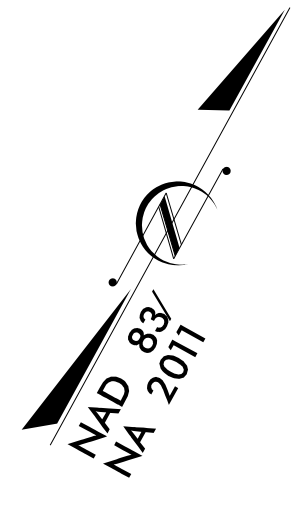
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**PHASE I  
 PLAN SHEET**



PROJ. REFERENCE NO.	SHEET NO.
R-4705	TMP-24



MATCHLINE -L- STA. 259+00.00  
SEE SHEET TMP-23

MATCHLINE -L- STA. 272+00.00  
SEE SHEET TMP-25

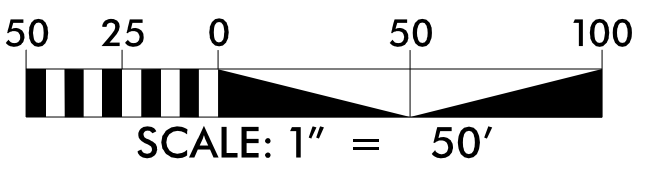
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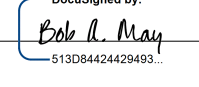
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TYP.

3/14/2022  
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 User: rathayes

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 Fax: 919 851 8107

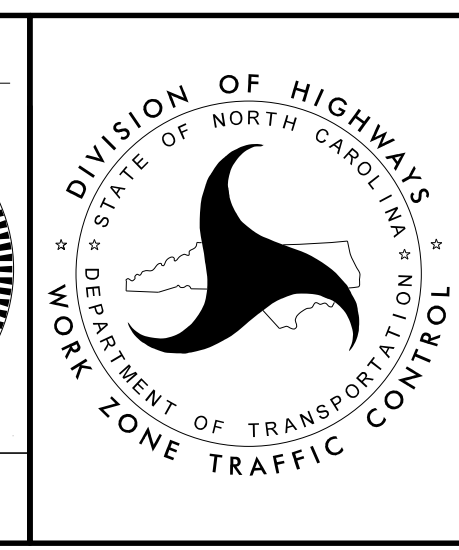
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



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 DATE: 4/7/2022

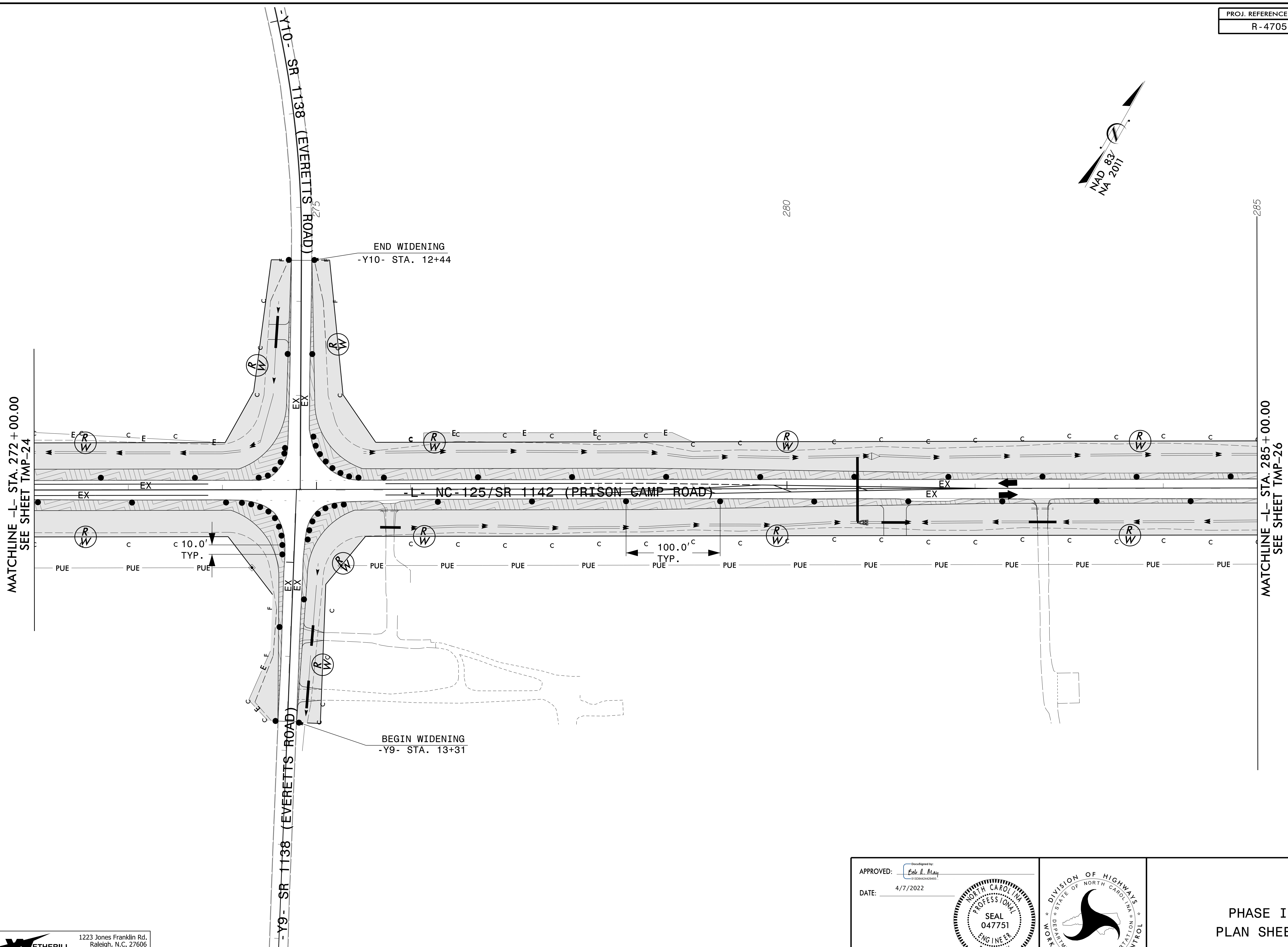
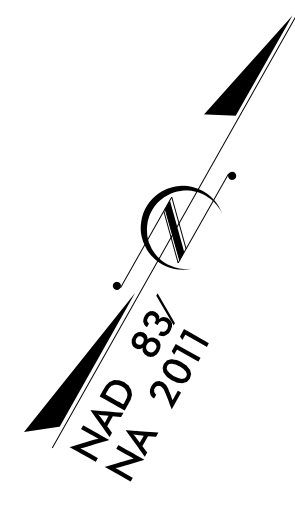
**PROFESSIONAL SEAL**  
 NORTH CAROLINA  
 047751  
 ENGINEER  
 BOB A. MAY

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**PHASE I  
 PLAN SHEET**

PROJ. REFERENCE NO.	SHEET NO.
R-4705	TMP-25

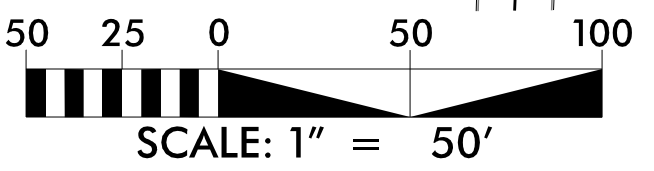


MATCHLINE -L- STA. 272+00.00  
SEE SHEET TMP-24

MATCHLINE -L- STA. 285+00.00  
SEE SHEET TMP-26

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 Fax: 919 851 8107

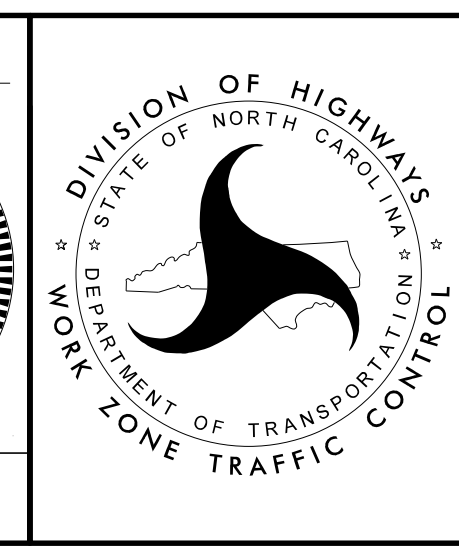
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



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DocuSigned by:  
Bob A. May  
51306424234921

DATE: 4/7/2022

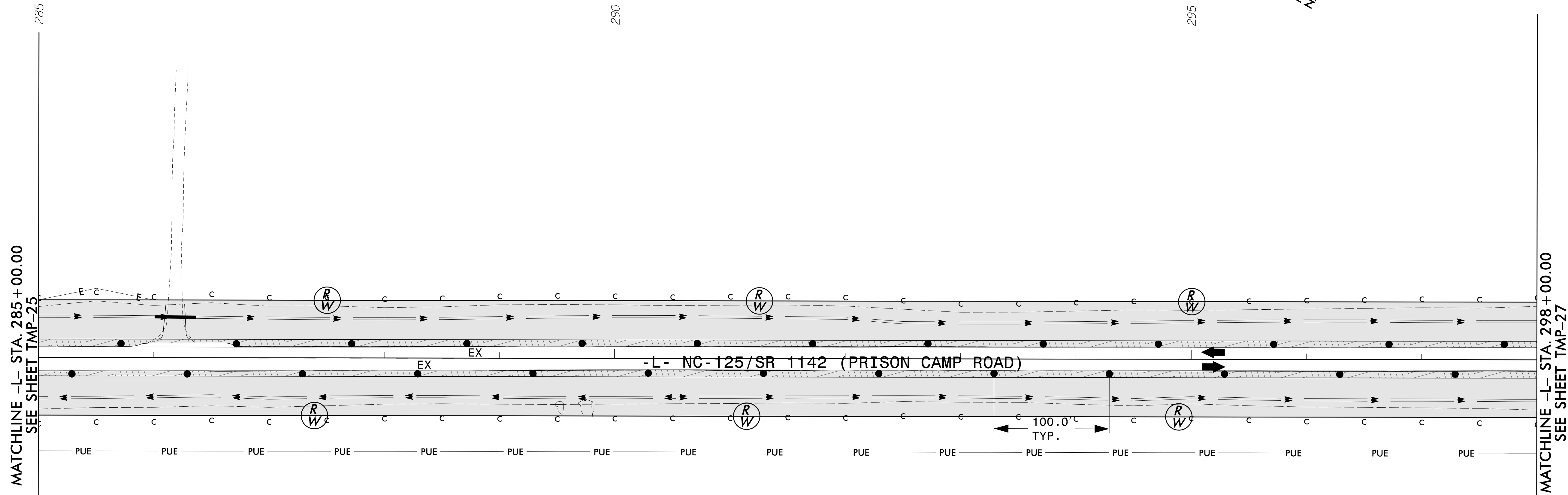
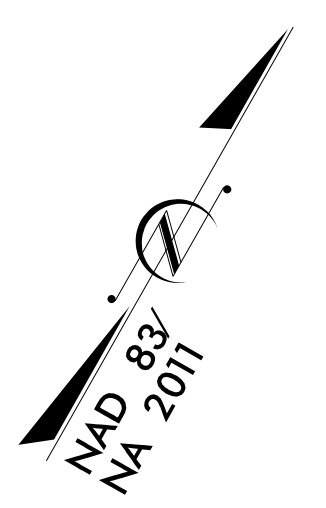
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**PHASE I  
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3/14/2022  
 2/1/2022  
 2/1/2022  
 User: P414141

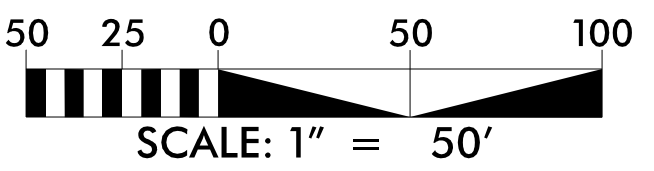


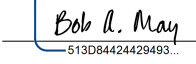



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 User: jh1414


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 Bus: 919 851 8077  
 Fax: 919 851 8107

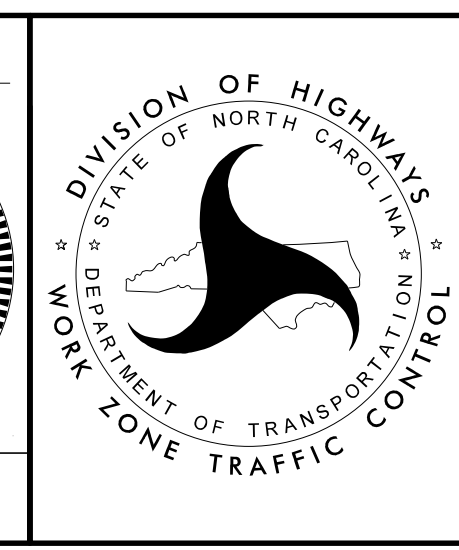
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 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



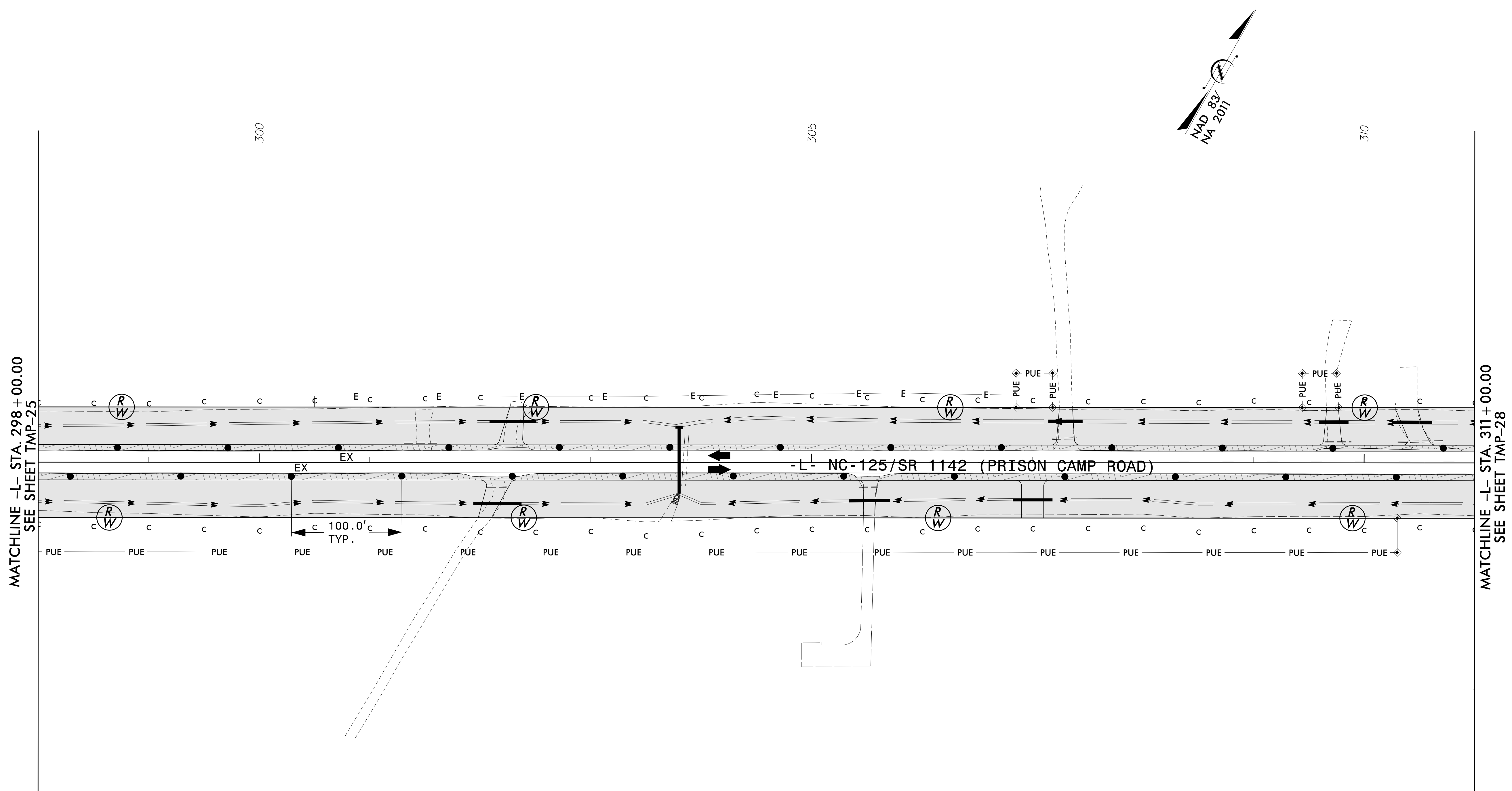
APPROVED:   
 DATE: 4/7/2022



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**PHASE I  
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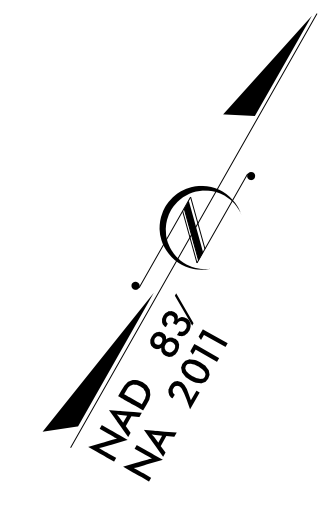


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SEE SHEET TMP-25

MATCHLINE -L- STA. 311+00.00  
SEE SHEET TMP-28

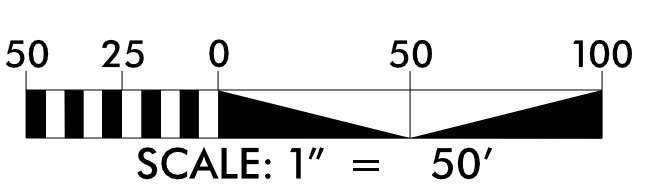
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100.0' TYP.

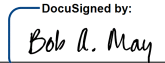



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User: rathayes

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Fax: 919 851 8107

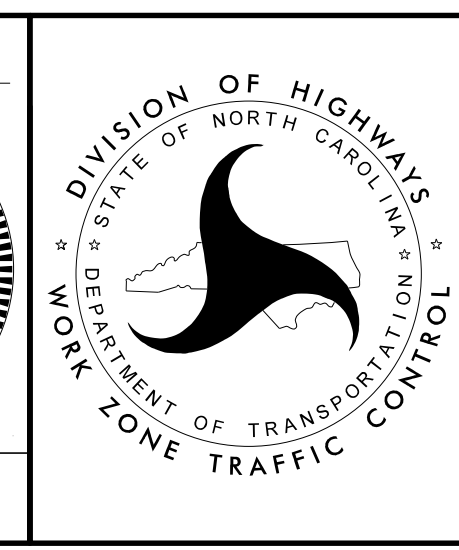


TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

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DATE: 4/7/2022

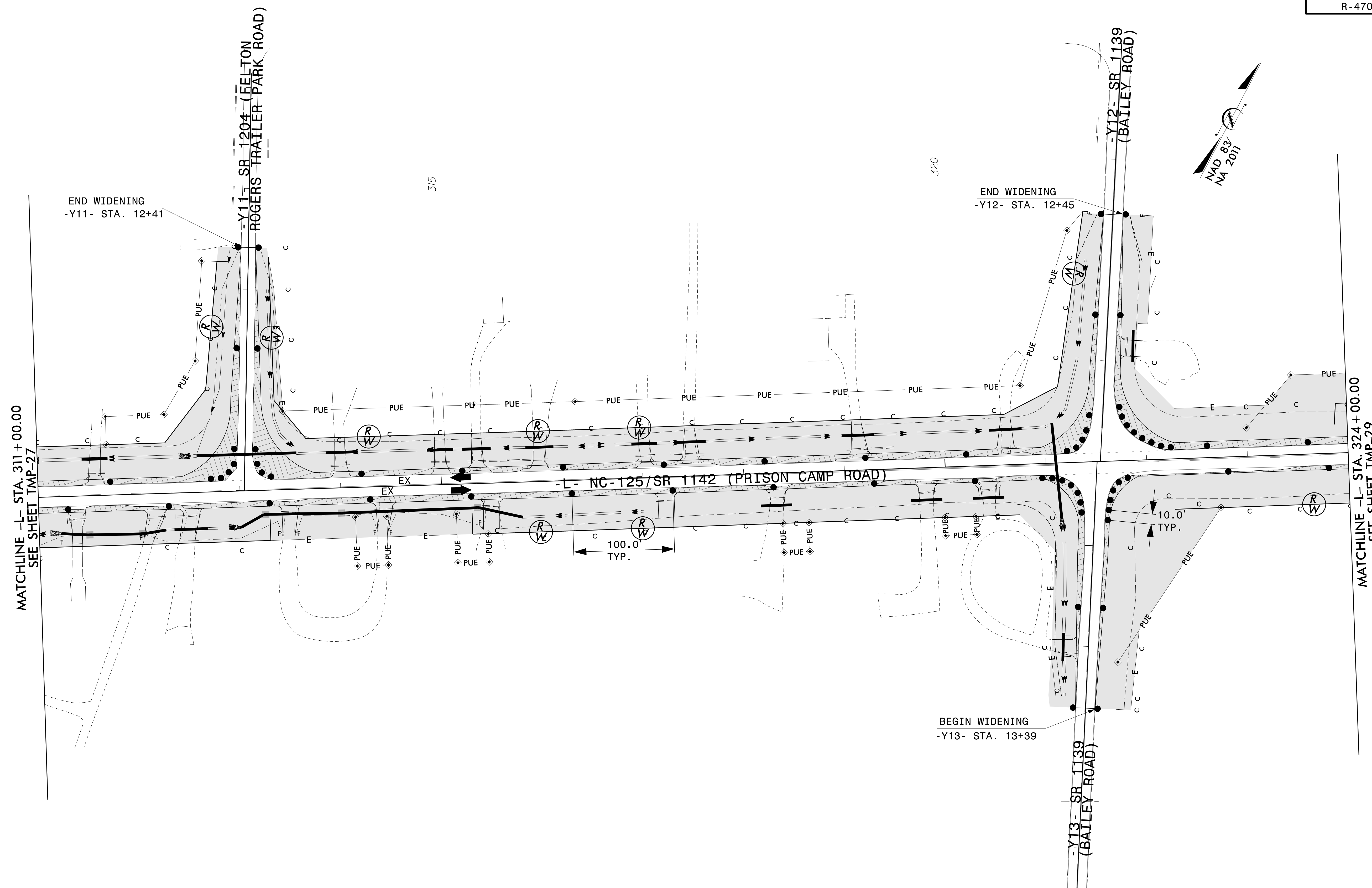


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**PHASE I  
PLAN SHEET**

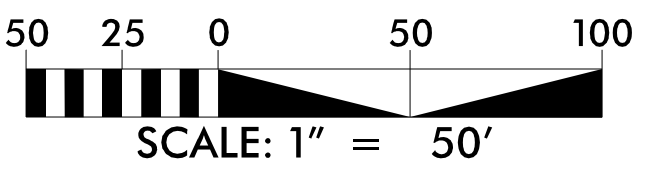




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User:RAC/yes

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 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

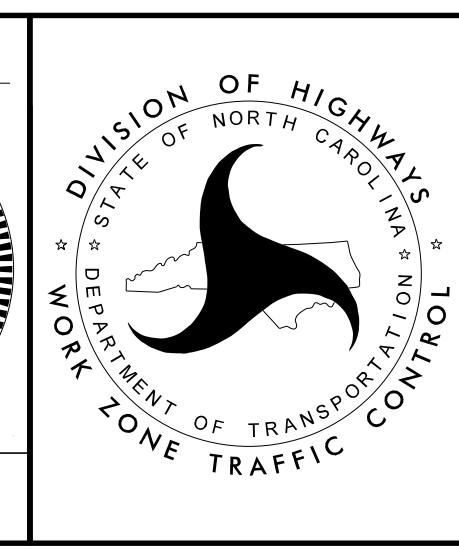


APPROVED: *Bob A. May*  
DocuSigned by:  
Bob A. May  
51306423420493

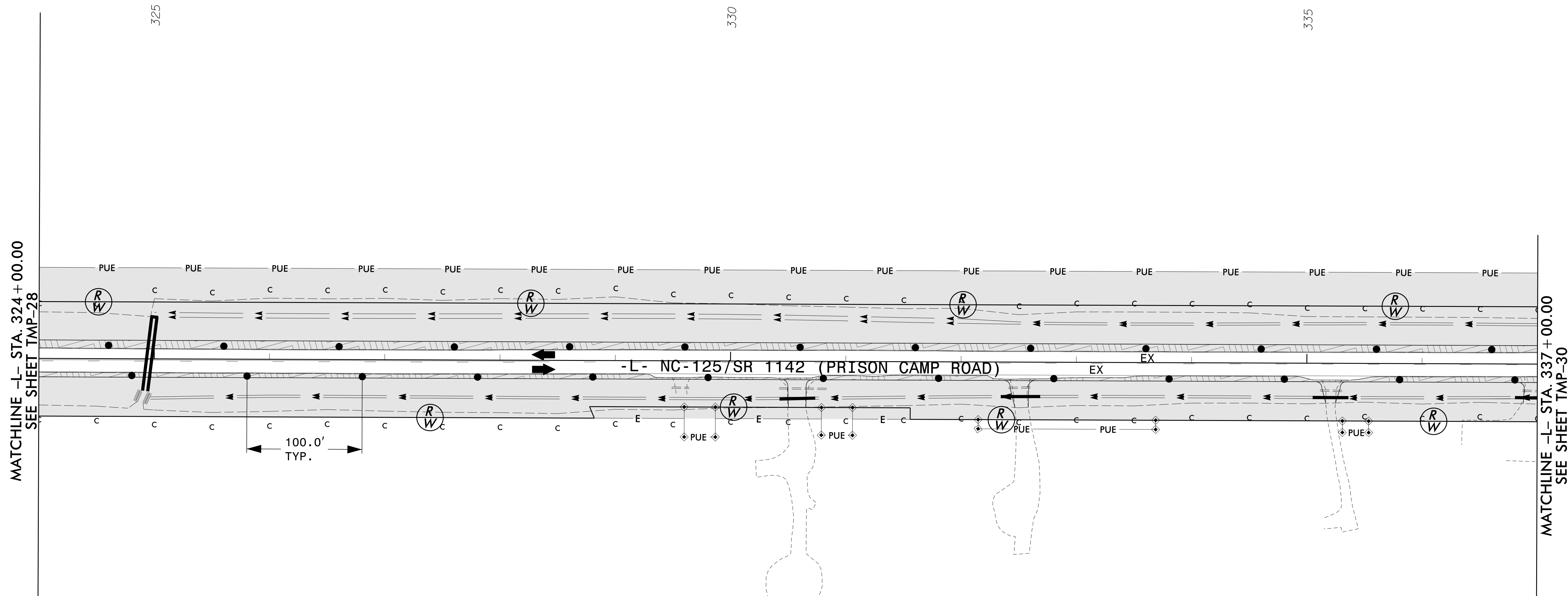
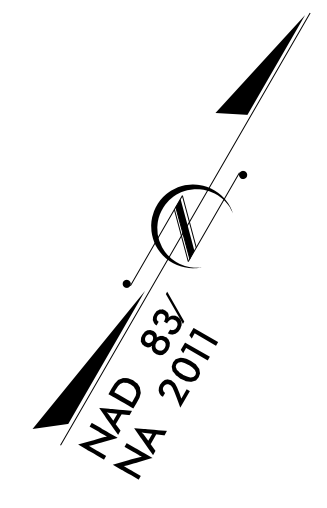
DATE: 4/7/2022

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 NORTH CAROLINA  
 047751  
 ENGINEER  
 BOB A. MAY

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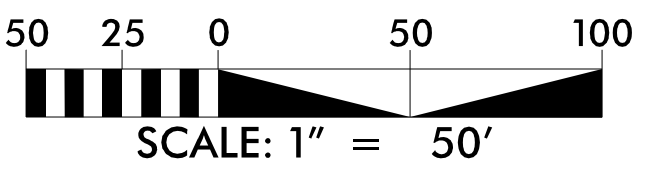


**PHASE I  
 PLAN SHEET**



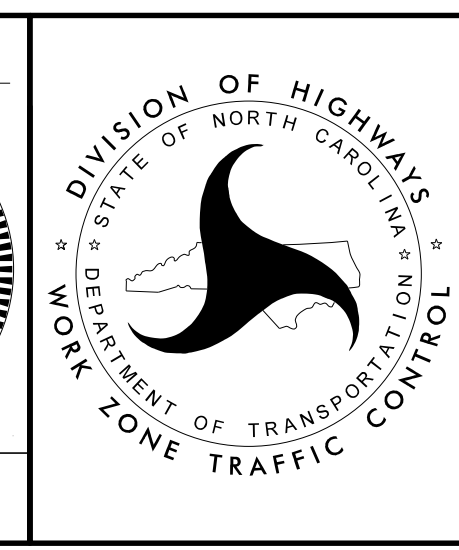
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



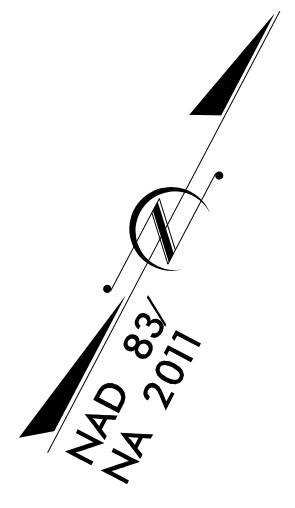
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 DATE: 4/7/2022

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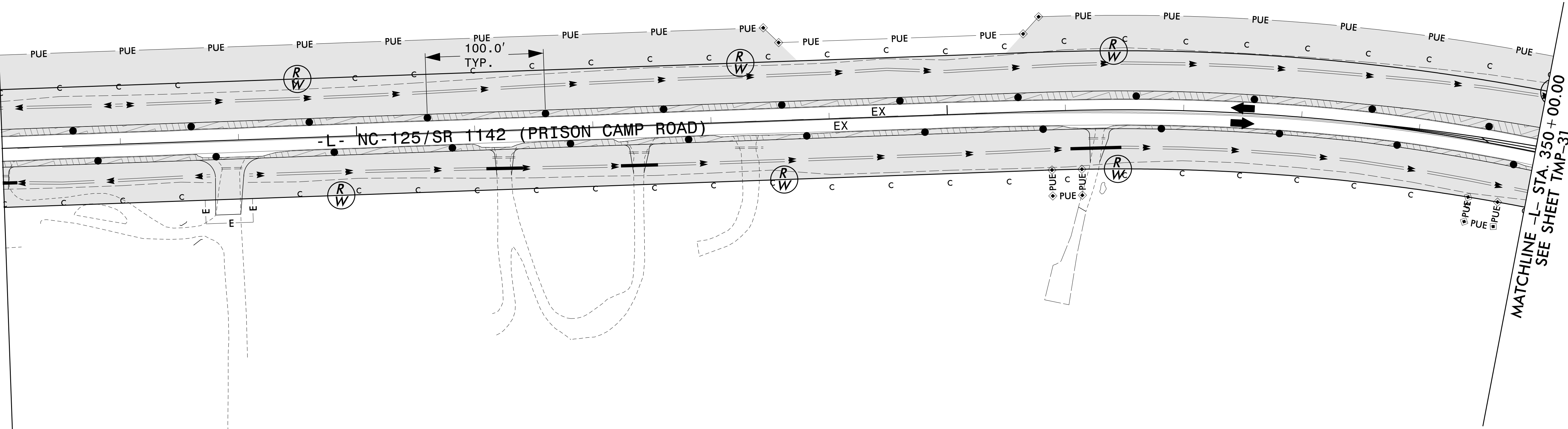


**PHASE I  
 PLAN SHEET**





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SEE SHEET TMP-29

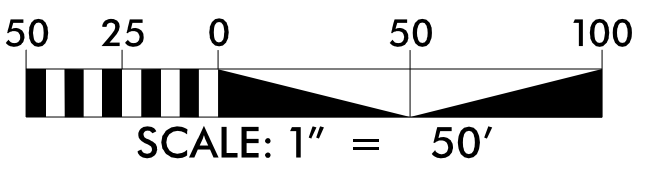


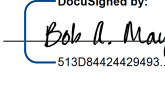
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SEE SHEET TMP-31

3/14/2022  
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User: rathayes

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License No. F-0377  
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Fax: 919 851 8107

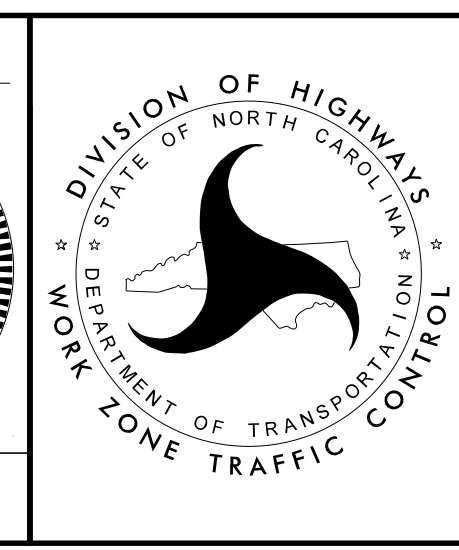
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



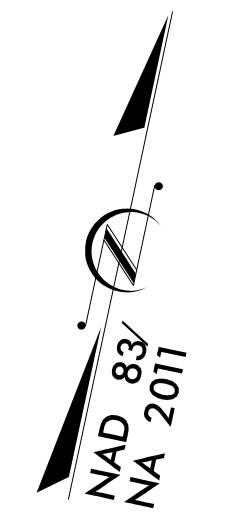
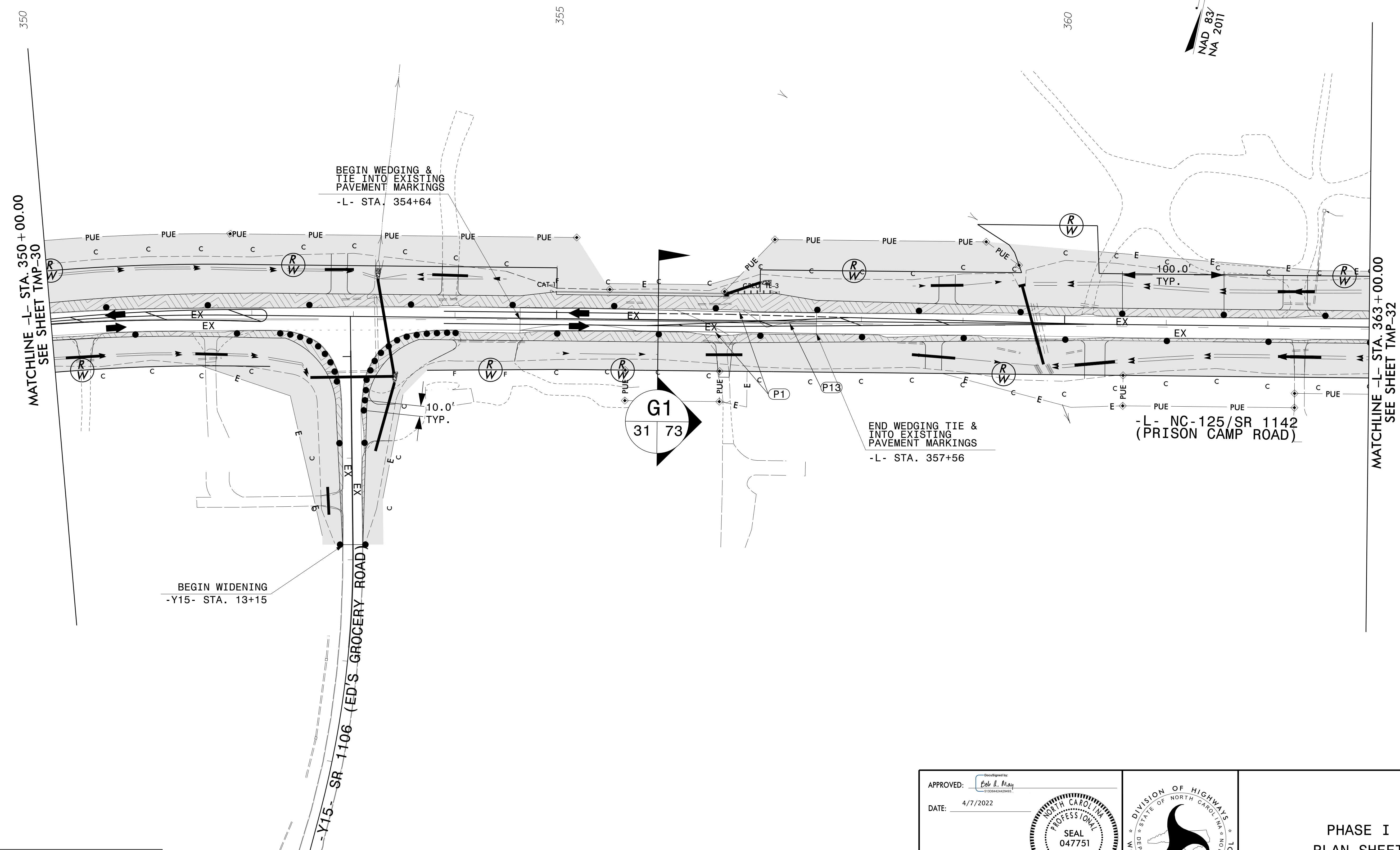
APPROVED:   
DATE: 4/7/2022

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NORTH CAROLINA  
047751  
ENGINEER  
BOB A. MAY

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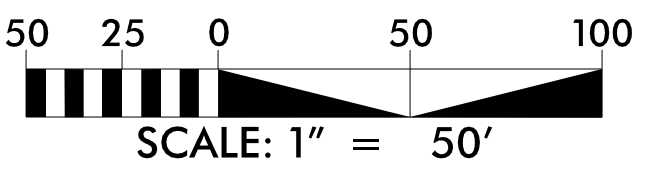


**PHASE I  
PLAN SHEET**



3/14/2022  
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 User: jh1414

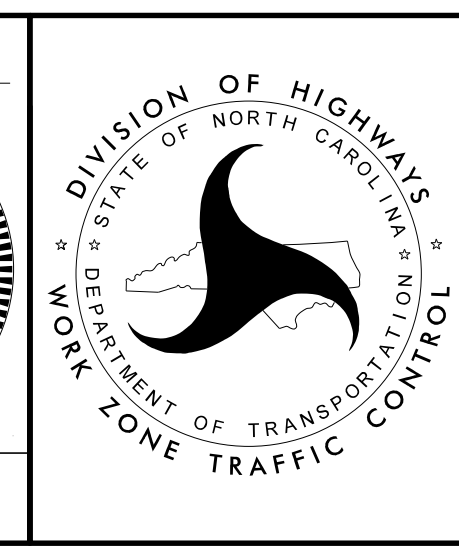
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

APPROVED: *Bob A. May*  
 DATE: 4/7/2022

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**PHASE I  
 PLAN SHEET**



