

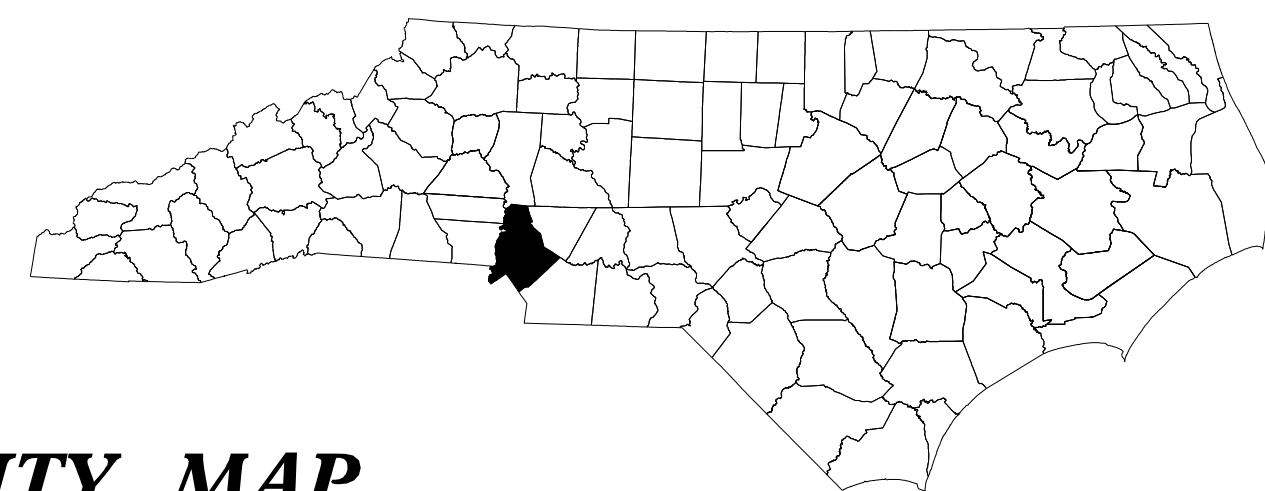
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

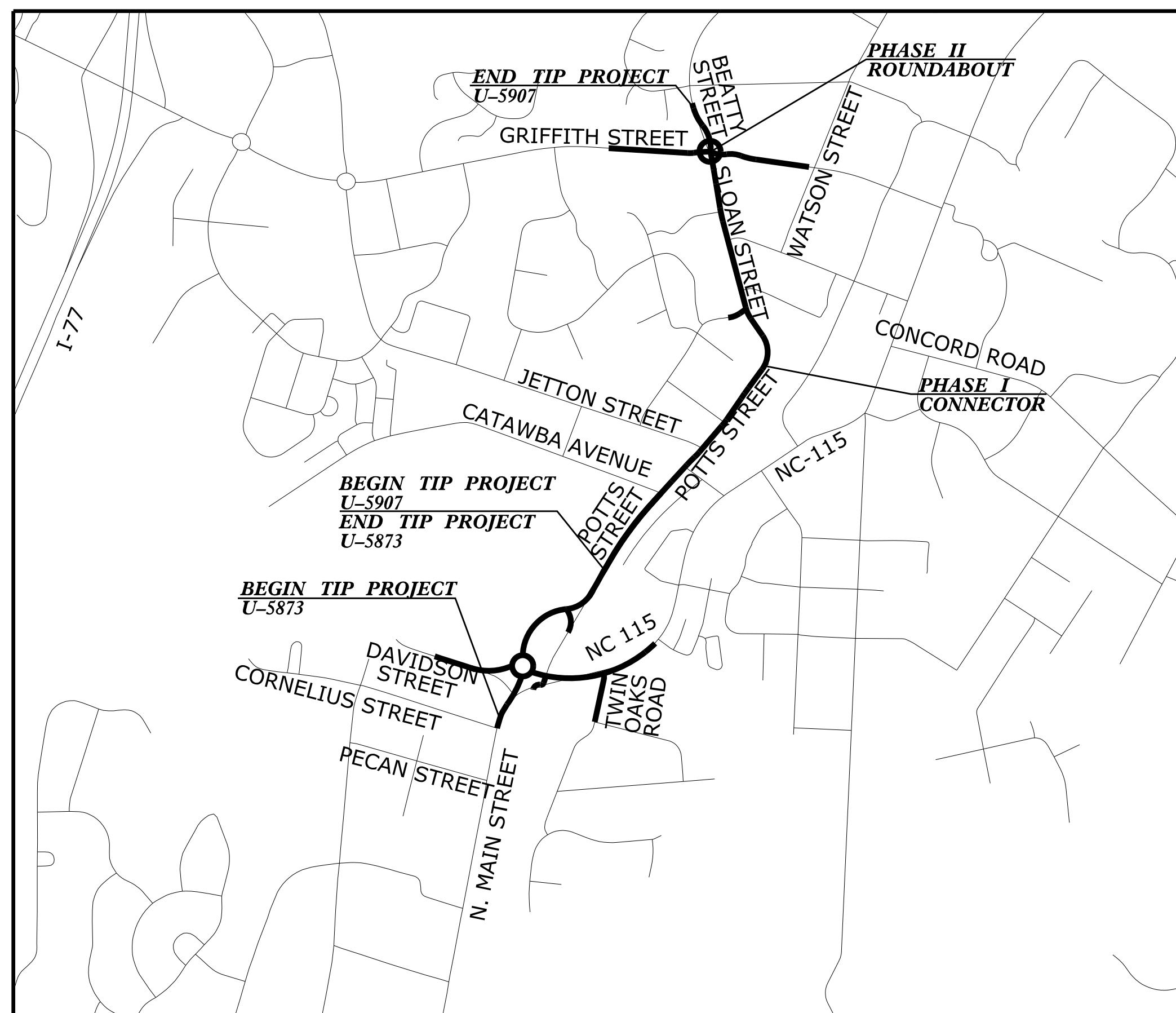
MECKLENBURG COUNTY

LOCATION: POTTS-SLOAN-BEATTY CONNECTOR

TYPE OF WORK: PAVEMENT REMOVAL, DRAINAGE, PAVING CONCRETE ISLANDS, & THERMOPLASTIC PAVEMENT MARKINGS



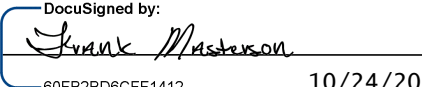
VICINITY MAP



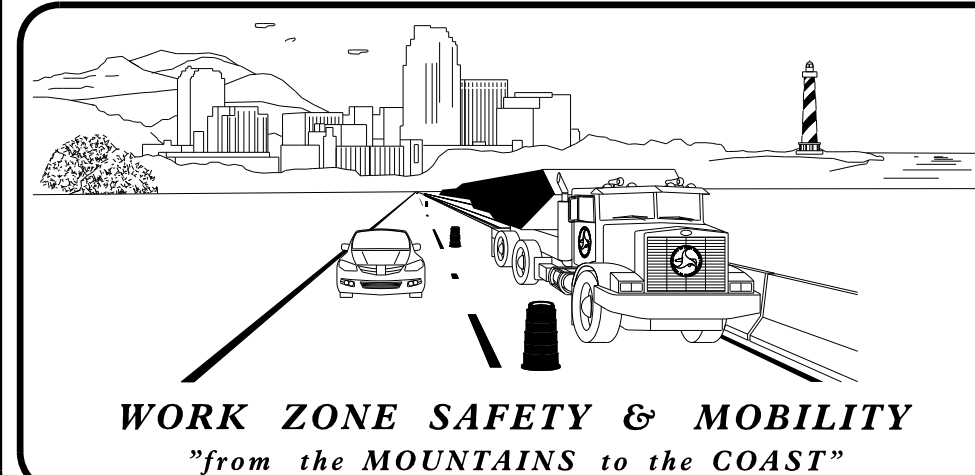
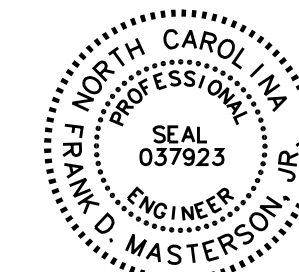
<u>SHEET NO.</u>	<u>TITLE</u>
TMP-1	TITLE SHEET, AND INDEX OF SHEETS
TMP-1A THRU TMP-1C	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, TEMPORARY PAVEMENT MARKINGS, MANAGEMENT STRATEGIES, AND GENERAL NOTES
TMP-2 THRU TMP-2F	TEMPORARY DETOUR ROUTES AND SPECIAL SIGN DESIGNS
TMP-3 THRU TMP-3B	CONSTRUCTION PHASING
TMP-4	PHASE 1A DETAILS (U-5873)
TMP-5 THRU TMP-6	PHASE 1B DETAILS (U-5873)
TMP-7	PHASE 1C DETAILS (U-5873)
TMP-8 THRU TMP-9	PHASE 1D DETAILS (U-5873)
TMP-10 THRU TMP-11	PHASE 1E DETAILS (U-5873)
TMP-12 THRU TMP-14	PHASE 2 DETAILS (U-5907)
TMP-15 THRU TMP-18	PHASE 3 DETAILS (U-5907)

Kimley»Horn

FRANK MASTERSON, P.E. **TRAFFIC CONTROL PROJECT ENGINEER**
 DJ BEAVER, P.E. **TRAFFIC CONTROL PROJECT DESIGN ENGINEER**
 DJ BEAVER, P.E. **TRAFFIC CONTROL DESIGN TECHNICIAN**

APPROVED: 
 DATE: 10/24/2023

SEAL



PLANS PREPARED BY:

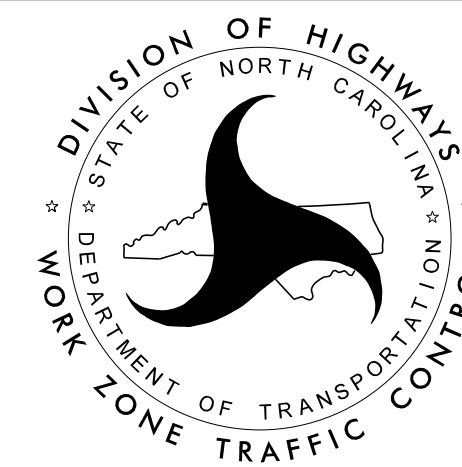
FRANK MASTERSON, P.E.

ANDREW WEEKS, E.I.

NCDOT CONTACTS:

DONALD C. GRIFFITH
DM-STIP PROJECT MANAGER

DUSTIN SIMPSON
ASSISTANT DM-STIP PROJECT MANAGER



SHEET NO.
TMP-1

TIP PROJECT: U-5873 & U-5907

10/12/2023 K:\CHL_PRR\01036360_U-5907_Potts-Sloan_ExtTrafficControl\CP\Sheets\U-5907_rdy_tmp_ldgn

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - 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 ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1180.01	SKINNY DRUMS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGERS
1165.01	TRUCK MOUNTED ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIERS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE ROADWAYS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.13	PAVEMENT MARKINGS - ROUNDABOUTS

LEGEND

GENERAL

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

SIGNALS

- EXISTING
- PROPOSED
- TEMP

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

TRAFFIC CONTROL DEVICES

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

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

TEMPORARY PAVEMENT MARKINGS

PAVEMENT MARKING LINES

- P1 - PAINT (4" WHITE, 2X) EDGELINE
- P2 - PAINT (4" WHITE, 2X) SOLID LANE LINE
- P3 - PAINT (4" WHITE, 2X) 10' SKIP
- P4 - PAINT (4" WHITE, 2X) 3' - 9'/SP MINISKIP
- P5 - PAINT (4" WHITE, 2X) 2' - 6'/SP MINISKIP
- P10 - PAINT (4" YELLOW, 2X) EDGELINE
- P11 - PAINT (4" YELLOW, 2X) SINGLE CENTER LINE
- P12 - PAINT (4" YELLOW, 2X) 10' SKIP
- P13 - PAINT (4" YELLOW, 2X) DOUBLE CENTER LINE
- P14 - PAINT (4" YELLOW, 2X) 2' - 6'/SP MINISKIP
- P40 - PAINT (8" WHITE) GORELINE (8", 90 MIL)
- P42 - PAINT (8" YELLOW, 2X) DIAGONAL
- P46 - PAINT (8" WHITE, 2X) CROSSWALK
- P55 - PAINT (3 FT. - 3 FT./SP) WHITE MINISKIP (12", 90 MIL)
- P61 - PAINT (24" WHITE, 2X) STOP BAR

PAVEMENT MARKING SYMBOLS

- P70 - PAINT 2X (LEFT TURN ARROW)
- P71 - PAINT 2X (RIGHT TURN ARROW)
- P72 - PAINT 2X (STRAIGHT ARROW)
- P73 - PAINT 2X (COMBINATION STRAIGHT & LEFT TURN ARROW)
- P74 - PAINT 2X (COMBINATION STRAIGHT & RIGHT TURN ARROW)
- P76 - PAINT 2X (COMBINATION STRAIGHT, RIGHT, & LEFT TURN ARROW)
- P100 - PAINT 2X (ALPHANUMERIC CHARACTER)
- P103 - PAINT 24" (YIELD LINE TRIANGLE) (90 MIL)
- P117 - PAINT 2X (FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW)
- P118 - PAINT 2X (FISH-HOOK W/CIRCLE LEFT/RIGHT/STRAIGHT ARROW)

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APPROVED: _____ DATE: _____		ROADWAY STANDARD DRAWINGS & LEGEND

MANAGEMENT STRATEGIES

PROPOSED IMPROVEMENTS ALONG -L- MAIN STREET, -L- POTTS STREET, -Y1- DAVIDSON STREET, -Y2- NC-115, -Y3- TWIN OAKS ROAD, -Y5- POTTS STREET, -Y6- APARTMENT COMPLEX DRIVE, AND -Y7- CORNELIUS STREET WILL BE CONSTRUCTED WHILE MAINTAINING TRAFFIC, USING TEMPORARY TRAFFIC PATTERNS WITH, TEMPORARY ROAD CLOSURES, AND TEMPORARY LANE CLOSURES.

UPON COMPLETION OF U-5873, AND TRAFFIC IS PLACED ON FINAL TRAFFIC PATTERN WITH FINAL PAVEMENT MARKINGS, COMMENCE PROPOSED IMPROVEMENTS FOR U-5907 -L1- POTTS ST, -L2- SLOAN ST, L1- SLOAN ST, -Y3- GRIFFITH ST, AND -L3- BEATY ST. USING TEMPORARY TRAFFIC PATTERNS WITH, TEMPORARY ROAD CLOSURES, AND TEMPORARY LANE CLOSURES.

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 DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

<u>ROAD NAME</u>	<u>DAY AND TIME RESTRICTIONS</u>
NC-115 (MAIN ST) POTTS ST. DAVIDSON ST. CORNELIUS ST. CEDAR ST. TWIN OAKS RD. CATAWBA AVE. JETTON ST. WALNUT ST. GRIFFITH ST. SLOAN ST. BEATY ST.	6 AM TO 9 AM AND 4 PM TO 6 PM MONDAY THRU FRIDAY

HOLIDAY

- FOR ANY OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S DAY, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31ST AND 9:00 A.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY, THEN UNTIL 9:00 A.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 9:00 A.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 9:00 A.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 9:00 A.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY, THEN BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 9:00 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.

TIME RESTRICTIONS

HOLIDAY (CONT)

- FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 9:00 A.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. WEDNESDAY AND 9:00 A.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9:00 A.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS DAY.
- FOR ANY EVENT AT THE JOHN M BELK ARENA, FROM 2 HOURS BEFORE THE GAME UNTIL 2 HOURS AFTER THE GAME.

B) DO NOT CLOSE ROADS AS FOLLOWS:

<u>ROAD NAME</u>	<u>DAY AND TIME RESTRICTIONS</u>
MAIN STREET POTTS STREET DAVIDSON ST. CORNELIUS ST. CEDAR ST. TWIN OAKS RD. CATAWBA AVE. JETTON ST. WALNUT ST. GRIFFITH ST. SLOAN ST. BEATY ST.	ANYTIME UNLESS OTHERWISE DIRECTED MONDAY THRU FRIDAY

C) DO NOT STOP TRAFFIC AS FOLLOWS, OR AS OTHERWISE DIRECTED BY THE ENGINEER:

<u>ROAD NAME</u>	<u>DAY AND TIME RESTRICTIONS</u>
NC-115 (MAIN ST.) POTTS ST. DAVIDSON ST. CORNELIUS ST. CEDAR ST. TWIN OAKS RD. CATAWBA AVE. JETTON ST. WALNUT ST. GRIFFITH ST. SLOAN ST. BEATY ST.	6 AM TO 9 AM AND 4 PM TO 6 PM MONDAY THRU FRIDAY

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

LANE AND SHOULDER CLOSURE REQUIREMENTS

- REMOVE LANE CLOSURE DEVICES AND SIGNS 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.
- 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.

LANE AND SHOULDER CLOSURE REQUIREMENTS (CONT.)

G) 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.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 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.

H) 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.

PAVEMENT EDGE DROP OFF REQUIREMENTS

I) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

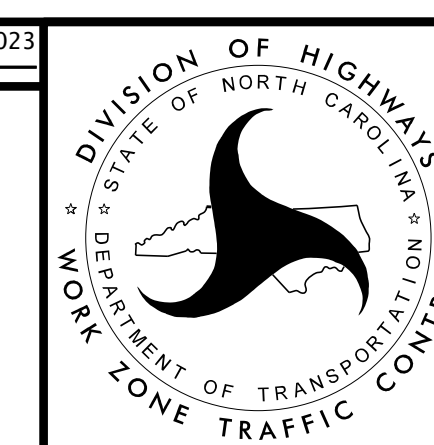
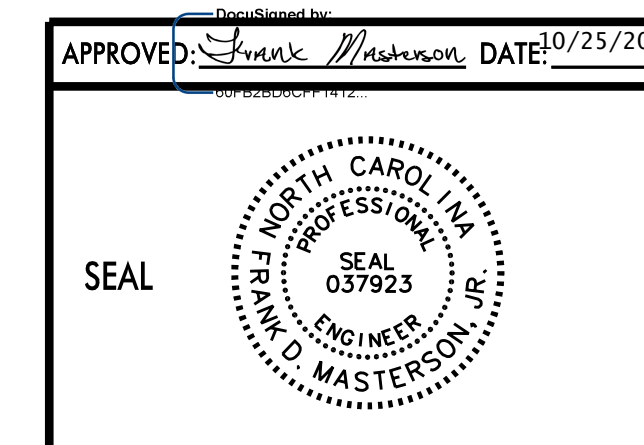
J) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

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PLAN



GENERAL NOTES (CONT.)

SIGNING

- M) 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.
- N) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.
- O) PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- P) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.
- Q) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- R) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 500 ft IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC BARRIER

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

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

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

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

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

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

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

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

TRAFFIC CONTROL DEVICES

- U) 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.
- V) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- W) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES DRUMS PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.
- X) PLACE "ROAD WORK AHEAD" SIGN IF FLAGGER OPERATION DOES NOT OCCUR WITHIN WORK AREA ESTABLISHED BY ADVANCED WARNING SIGNS ACCORDING TO STANDARD DRAWING NO. 1101.01.

PAVEMENT MARKINGS AND MARKERS

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

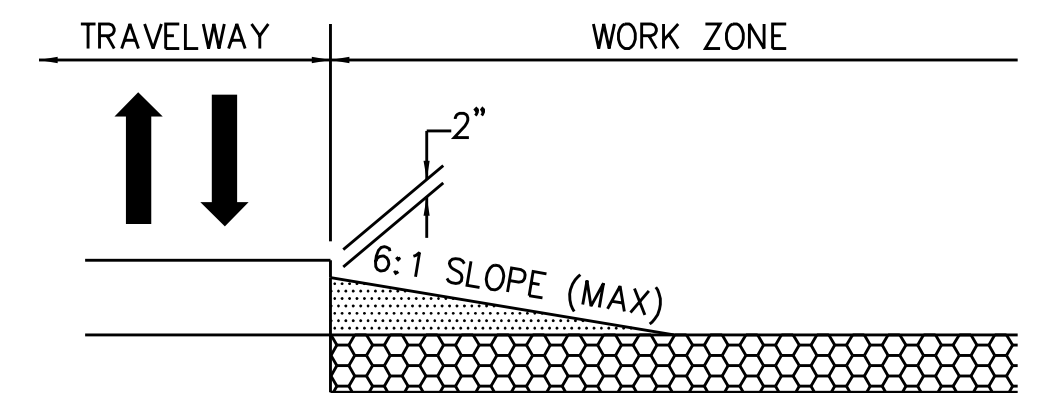
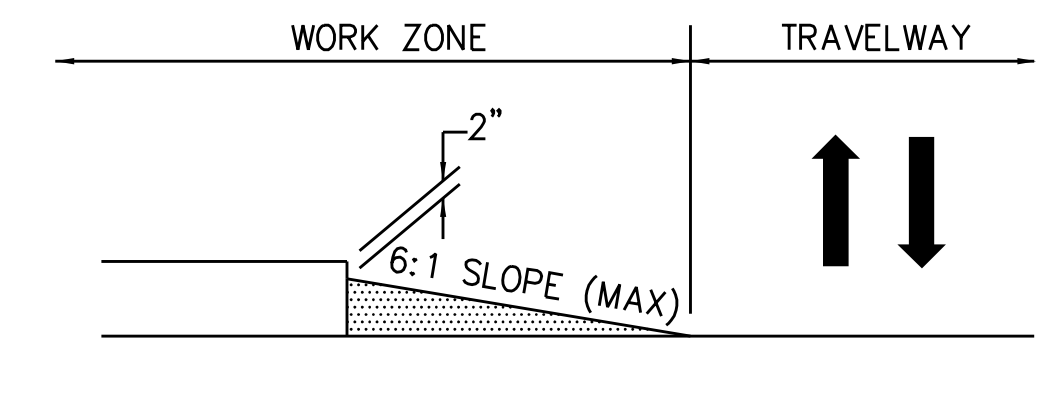
ROAD NAME	MARKING	MARKER
ALL ROADS	PAINT	NONE

- Z) 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.

- AA) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- AB) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- AC) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION. PLACE DRUMS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION

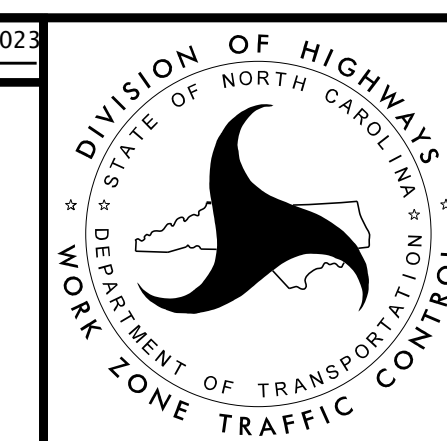
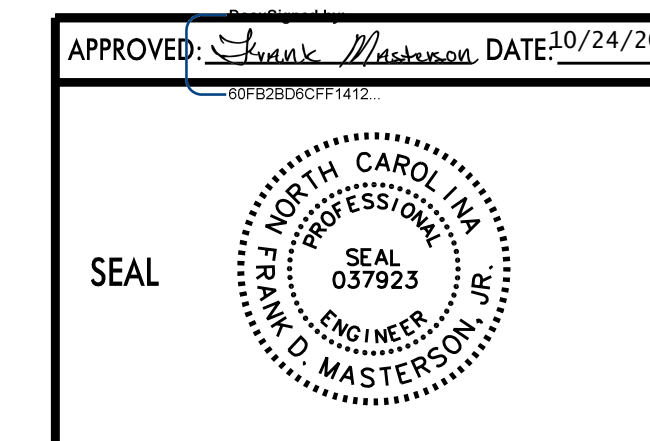
MISCELLANEOUS

- AD) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- AE) 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) AND RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.
- AF) ALL WHEELCHAIR RAMP LOCATIONS SHALL BE DERIVED FROM STATIONING SHOWN ON PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER IN COORDINATION WITH THE SIGNING AND DELINEATION UNIT.

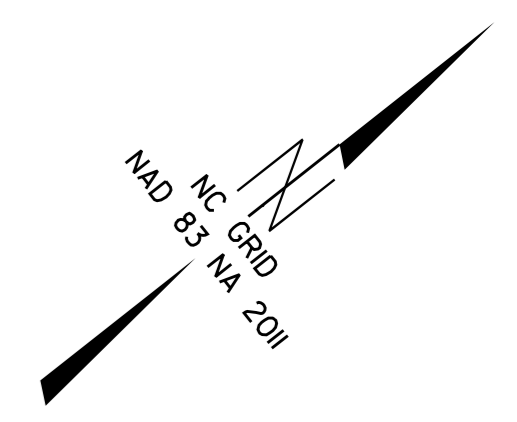


TEMPORARY PAVEMENT WEDGING DETAILS

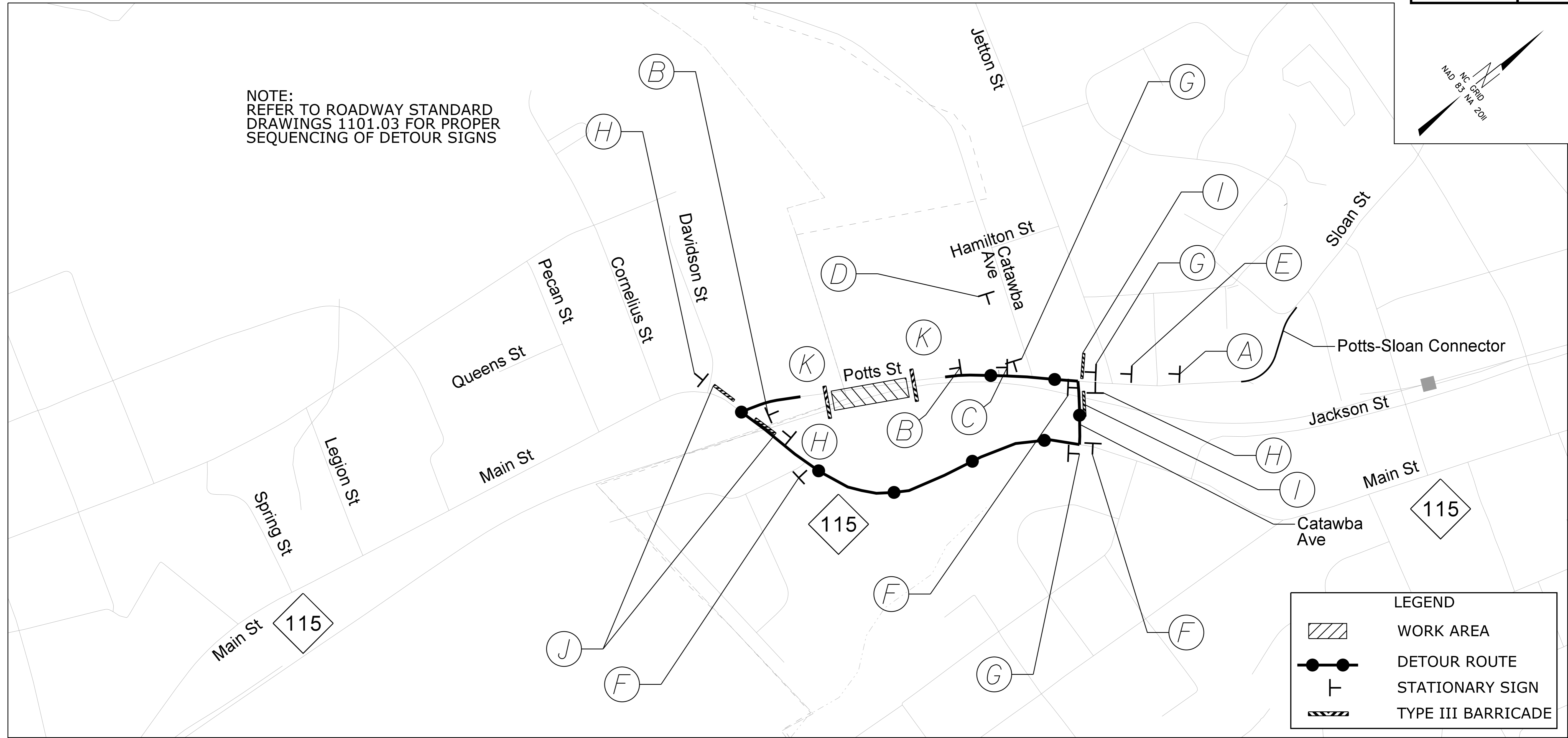
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NOTE:
REFER TO ROADWAY STANDARD
DRAWINGS 1101.03 FOR PROPER
SEQUENCING OF DETOUR SIGNS



LEGEND

- WORK AREA
- DETOUR ROUTE
- STATIONARY SIGN
- TYPE III BARRICADE

Sign Details:

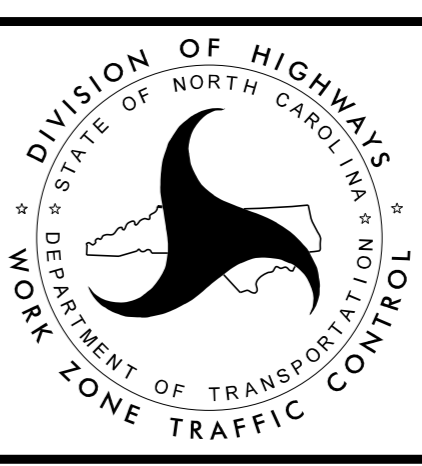
- (A)** ROAD CLOSED AHEAD (W20-3, 48" x 48")
- (B)** ROAD CLOSED 500 FT (W20-3, 48" x 48")
- (C)** ROAD CLOSED 1000 FT (W20-3, 48" x 48")
- (D)** ROAD CLOSED AHEAD (W20-3, 48" x 48")
- (E)** DETOUR AHEAD (W20-2, 48" x 48")
- (F)** DETOUR POTS ST (M4-8, 24" x 12") with arrow pointing right (M6-1, 21" x 15")
- (G)** DETOUR POTS ST (M4-8, 24" x 12") with arrow pointing left (M6-1 L, 21" x 15")
- (H)** END DETOUR (M4-8 A, 24" x 18")

Barricade Details:

- (I)** TYPE III BARRICADE with R11-4 (60" x 30") sign and M4-10L (48" x 18") sign.
- (J)** TYPE III BARRICADE with R11-4 (60" x 30") sign and M4-10R (48" x 18") sign.
- (K)** TYPE III BARRICADE(S) with R11-2 (48" x 30") sign.

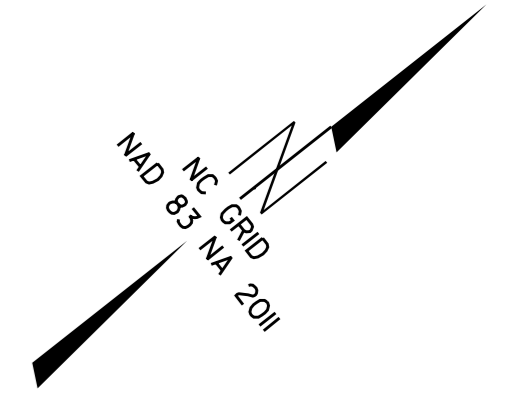
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APPROVED: DATE: 10/24/2023

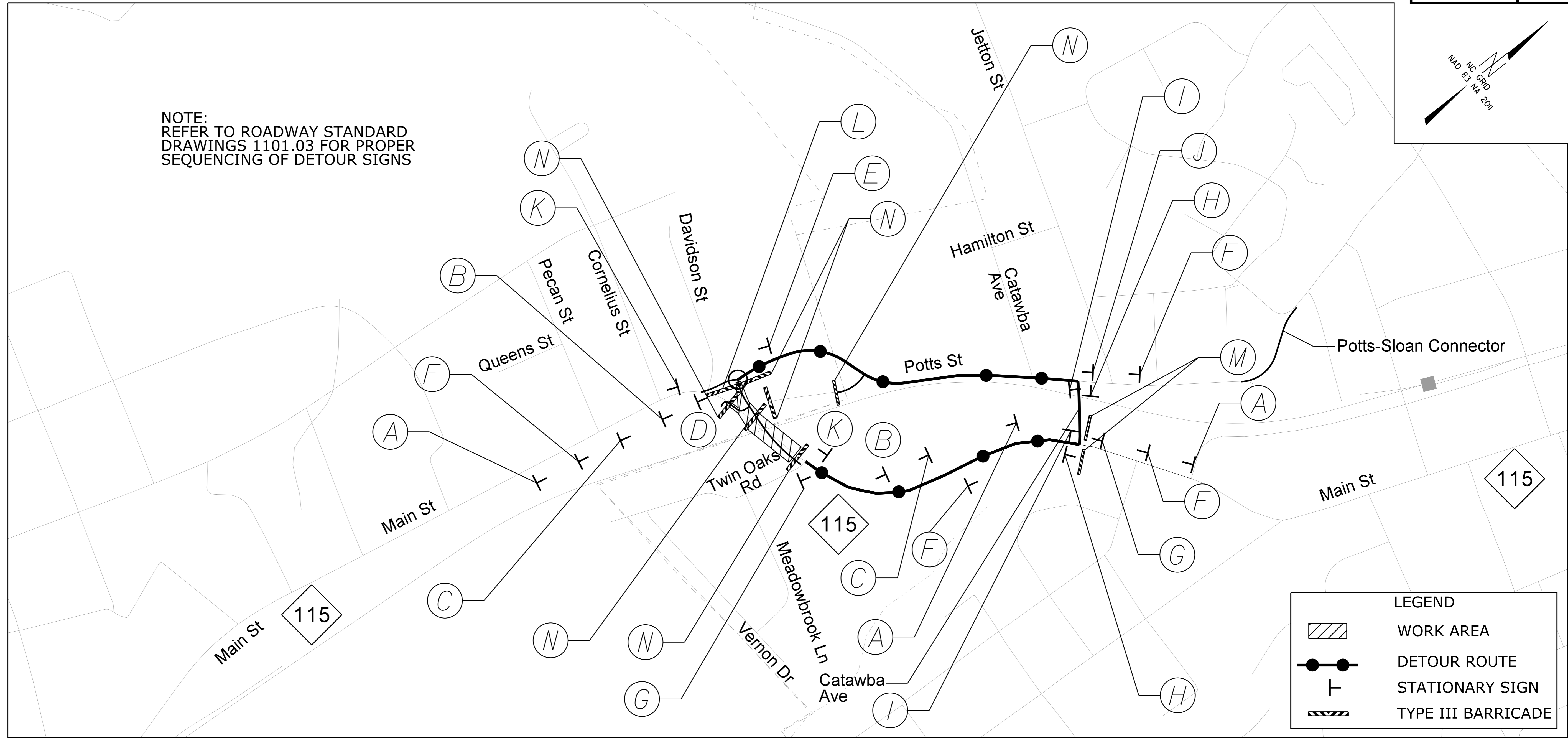


**DETOUR SHEET
POTTS STREET
PHASE 1B**

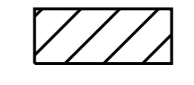



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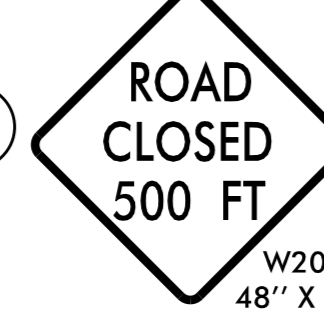
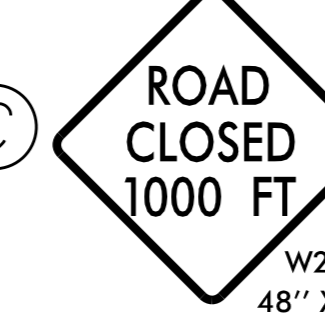

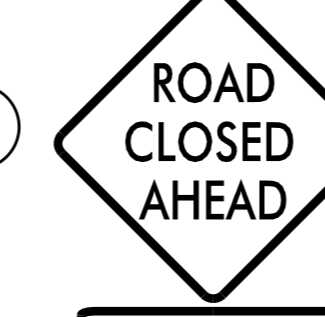
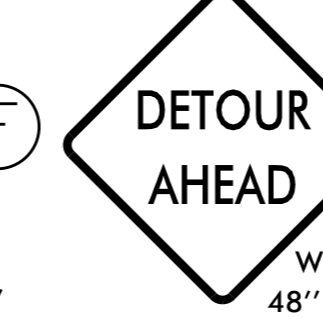
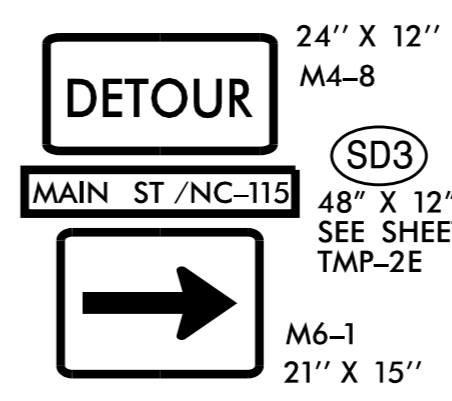
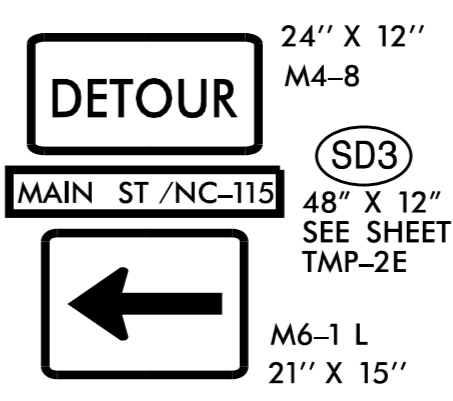
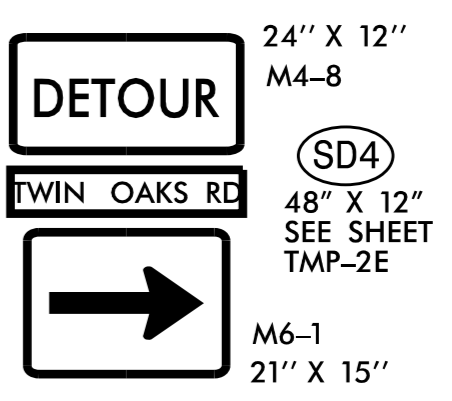
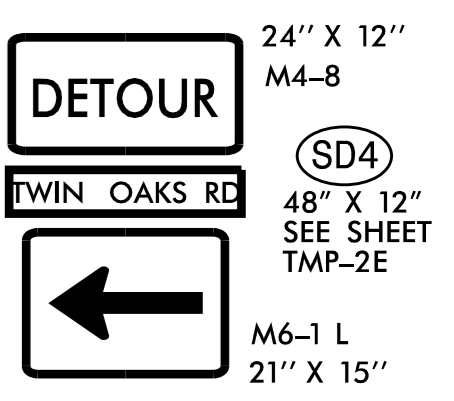
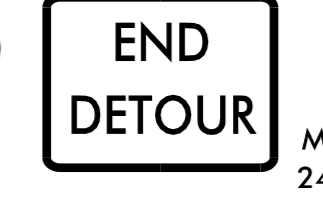
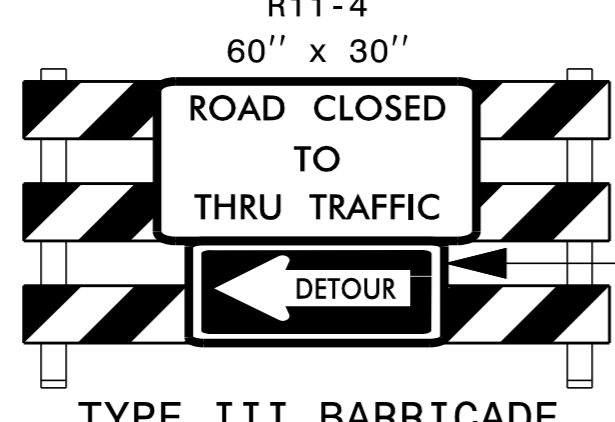
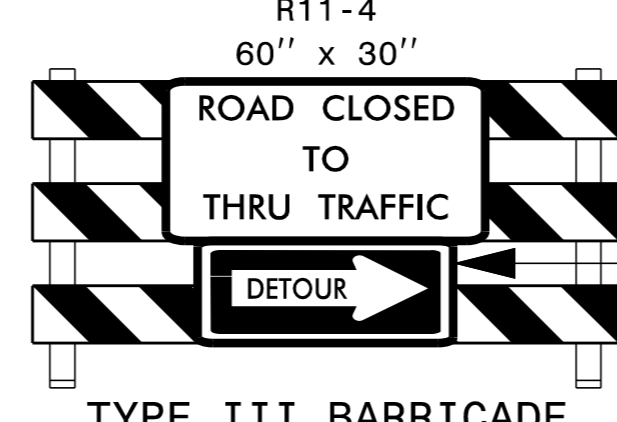
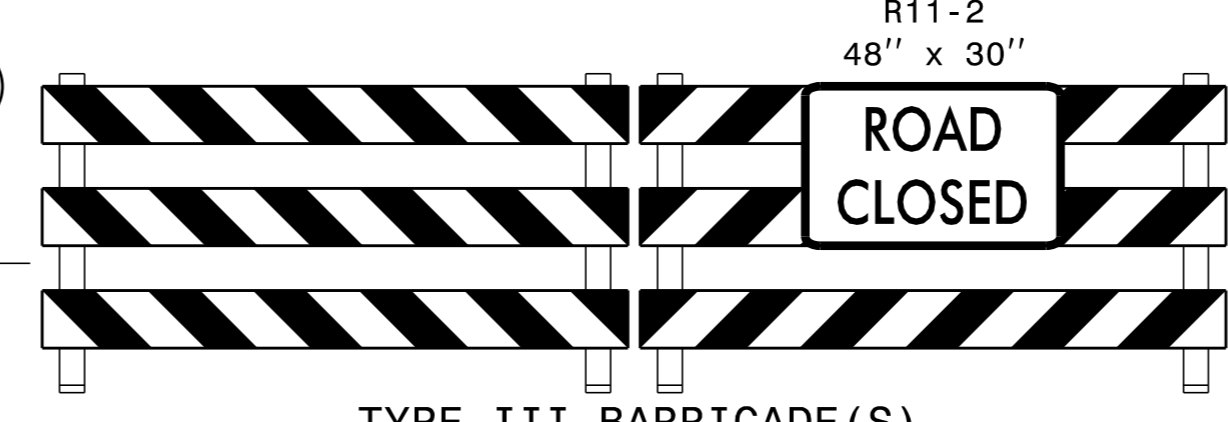


NOTE:
 REFER TO ROADWAY STANDARD
 DRAWINGS 1101.03 FOR PROPER
 SEQUENCING OF DETOUR SIGNS




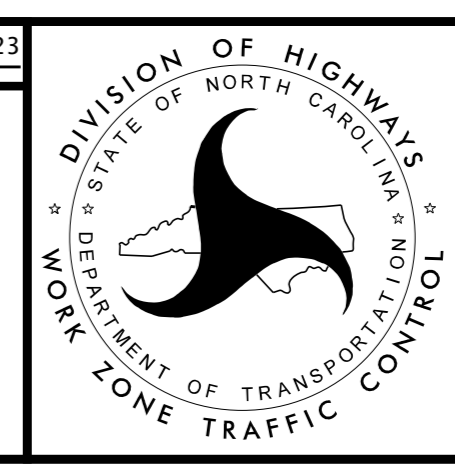
LEGEND

-  WORK AREA
-  DETOUR ROUTE
-  STATIONARY SIGN
-  TYPE III BARRICADE

<p>(A)  W20-3 48" X 48"</p>	<p>(B)  W20-3 48" X 48"</p>	<p>(C)  W20-3 48" X 48"</p>	<p>(D)  W20-3 48" X 48" SP-4R 42" X 12"</p> <p>NEXT RIGHT</p>	<p>(E)  W20-3 48" X 48" SP-4L 42" X 12"</p> <p>NEXT LEFT</p>	<p>(F)  W20-2 48" X 48"</p>	<p>(G)  24" X 12" M4-8 SD3 48" X 12" SEE SHEET TMP-2E M6-1 21" X 15"</p>	<p>(H)  24" X 12" M4-8 SD3 48" X 12" SEE SHEET TMP-2E M6-1 L 21" X 15"</p>	<p>(I)  24" X 12" M4-8 SD4 48" X 12" SEE SHEET TMP-2E M6-1 21" X 15"</p>	<p>(J)  24" X 12" M4-8 SD4 48" X 12" SEE SHEET TMP-2E M6-1 L 21" X 15"</p>
<p>(K)  M4-8 A 24" X 18"</p>	<p>(L)  R11-4 60" X 30" M4-10L 48" X 18"</p> <p>TYPE III BARRICADE</p>	<p>(M)  R11-4 60" X 30" M4-10R 48" X 18"</p> <p>TYPE III BARRICADE</p>	<p>(N)  R11-2 48" X 30"</p> <p>TYPE III BARRICADE(S)</p>						

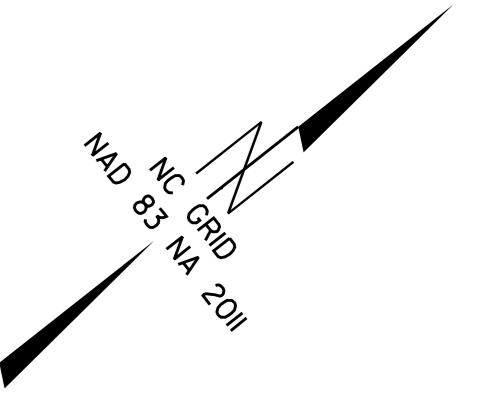
Kimley»Horn

APPROVED:  DATE: 10/24/2023

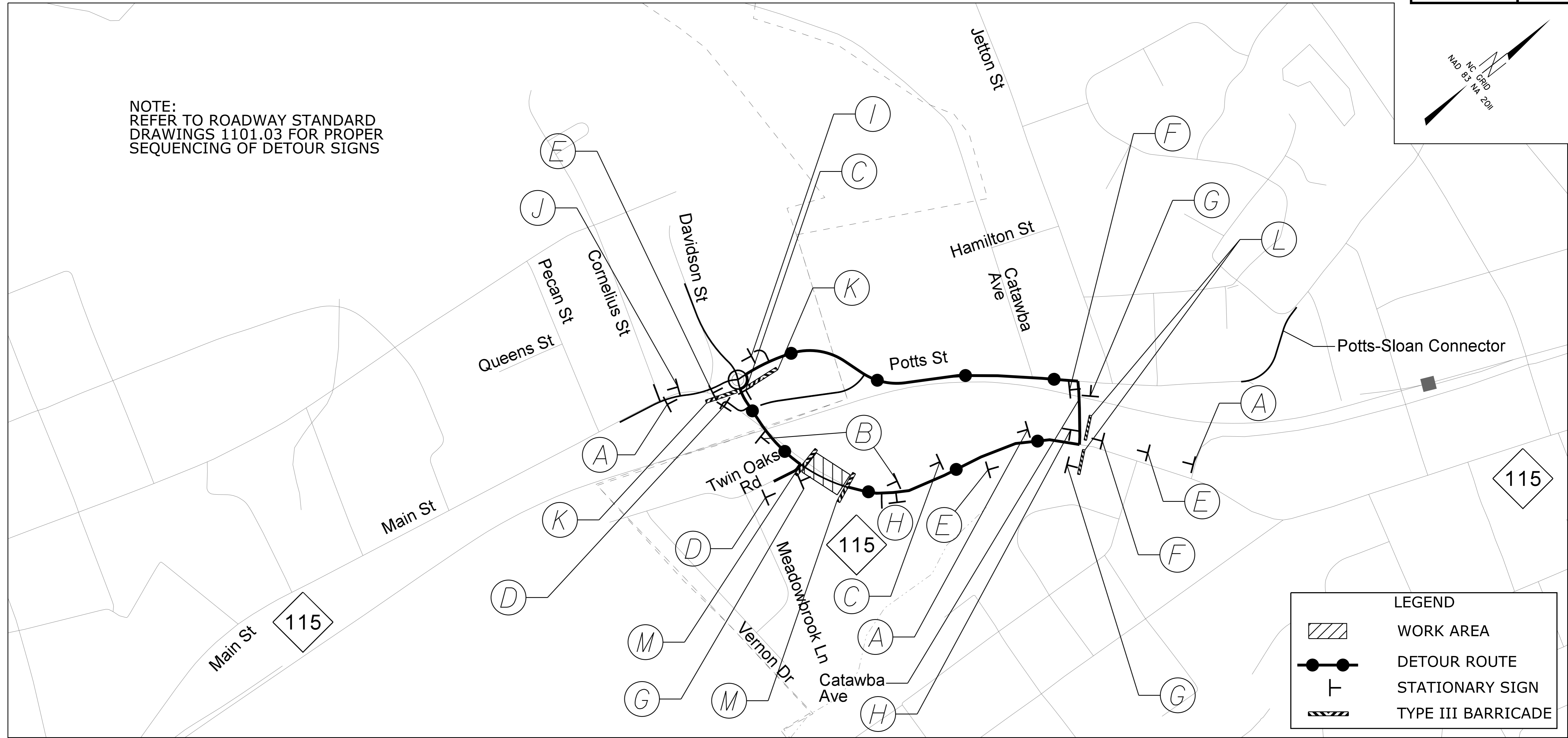


**DETOUR SHEET
 MAIN STREET
 PHASE 1D**

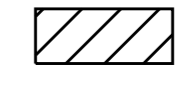
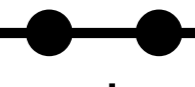


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NOTE:
 REFER TO ROADWAY STANDARD
 DRAWINGS 1101.03 FOR PROPER
 SEQUENCING OF DETOUR SIGNS



LEGEND

-  WORK AREA
-  DETOUR ROUTE
-  STATIONARY SIGN
-  TYPE III BARRICADE

Sign Legend:

- (A)** ROAD CLOSED AHEAD (W20-3, 48" X 48")
- (B)** ROAD CLOSED 500 FT (W20-3, 48" X 48")
- (C)** ROAD CLOSED 1000 FT (W20-3, 48" X 48")
- (D)** ROAD CLOSED AHEAD (W20-3, 48" X 48")
- (E)** DETOUR AHEAD (W20-2, 48" X 48")
- (F)** DETOUR (24" X 12" M4-8, SD3, 48" X 12" SEE SHEET TMP-2E, M6-1, 21" X 15")
- (G)** DETOUR (24" X 12" M4-8, SD3, 48" X 12" SEE SHEET TMP-2E, M6-1 L, 21" X 15")
- (H)** DETOUR (24" X 12" M4-8, SD4, 48" X 12" SEE SHEET TMP-2E, M6-1, 21" X 15")
- (I)** DETOUR (24" X 12" M4-8, SD4, 48" X 12" SEE SHEET TMP-2E, M6-1 L, 21" X 15")
- (J)** END DETOUR (M4-8 A, 24" X 18")
- (K)** TYPE III BARRICADE (R11-4, 60" X 30", M4-10L, 48" X 18")
- (L)** TYPE III BARRICADE (R11-4, 60" X 30", M4-10R, 48" X 18")
- (M)** TYPE III BARRICADE(S) (R11-2, 48" X 30")

APPROVED: *[Signature]* DATE 04/24/2023

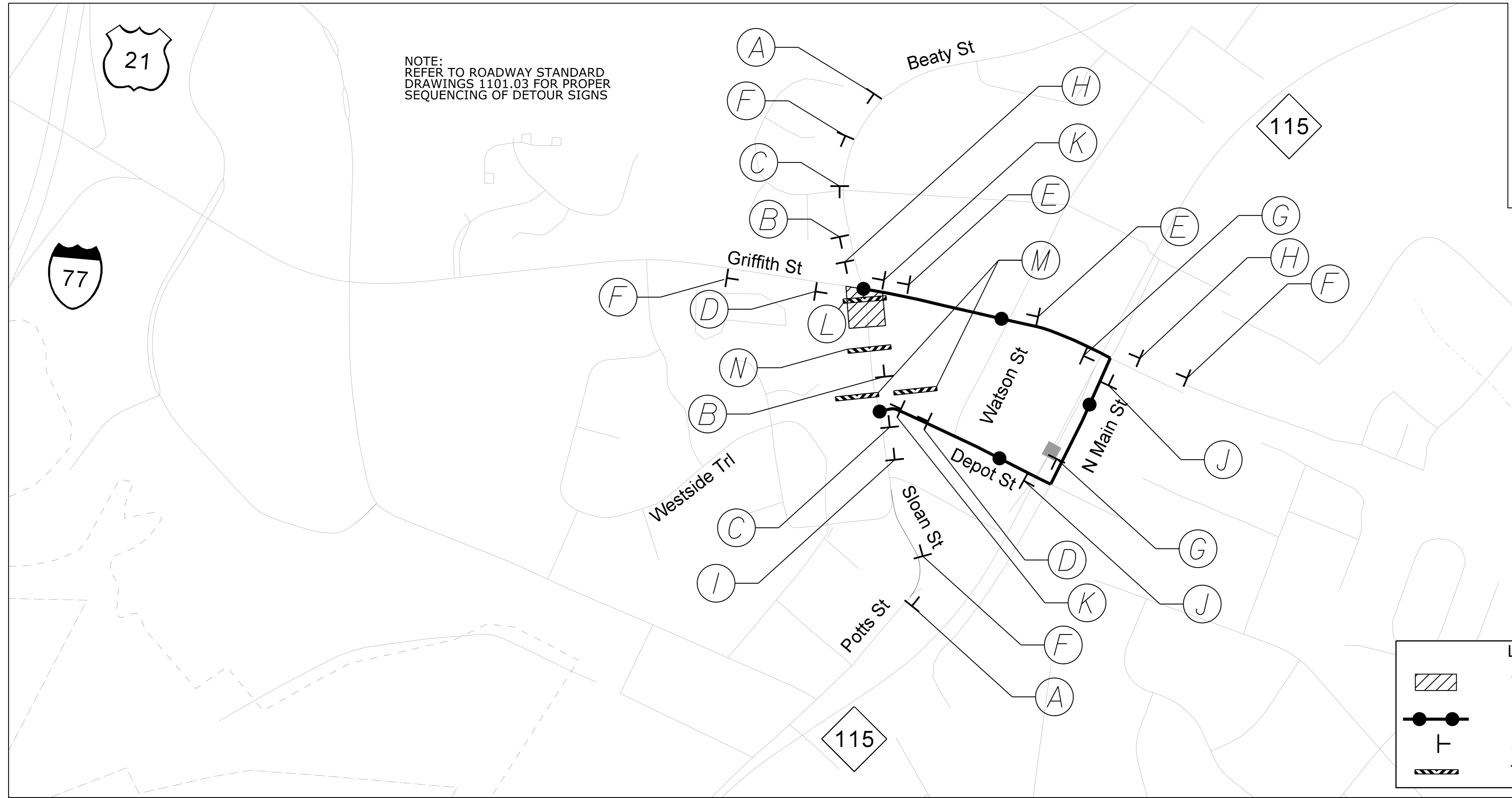
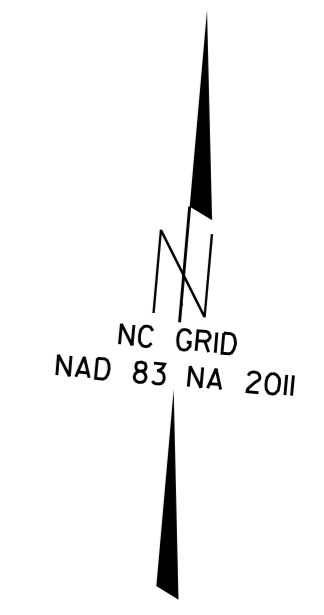
SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 037923 FRANK WASTEPSON, JR.

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

**DETOUR SHEET
 MAIN STREET
 PHASE 1E**

Kimley»Horn

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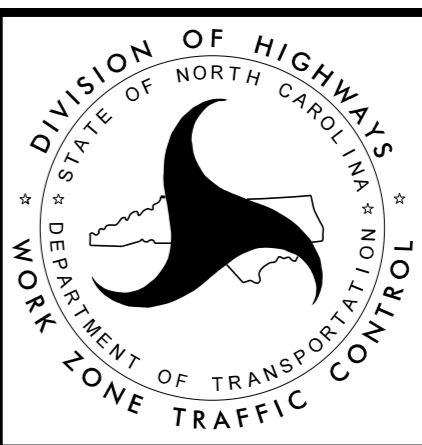


LEGEND

- WORK AREA
- DETOUR ROUTE
- STATIONARY SIGN
- TYPE III BARRICADE

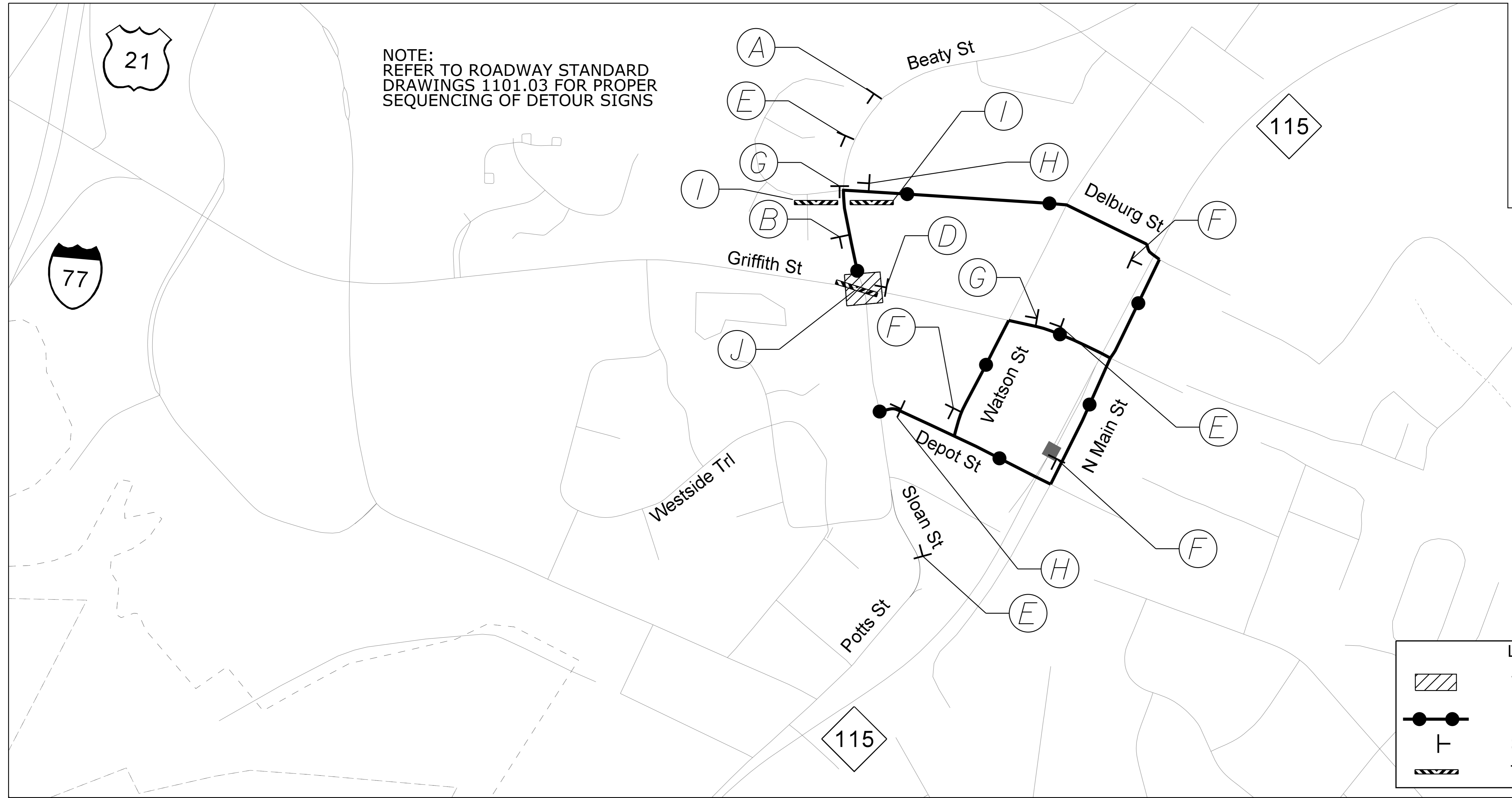
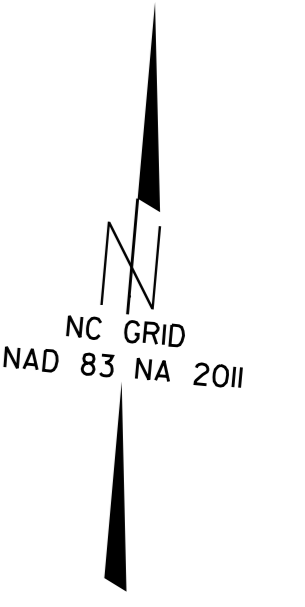
APPROVED: *Jordan Watson* DATE 10/24/2023

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 037923 FRANK MASTERSON, PE



**DETOUR SHEET
 SLOAN STREET
 PHASE 3A**

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NOTE:
 REFER TO ROADWAY STANDARD
 DRAWINGS 1101.03 FOR PROPER
 SEQUENCING OF DETOUR SIGNS

LEGEND

- WORK AREA
- DETOUR ROUTE
- STATIONARY SIGN
- TYPE III BARRICADE

Sign Schedule:

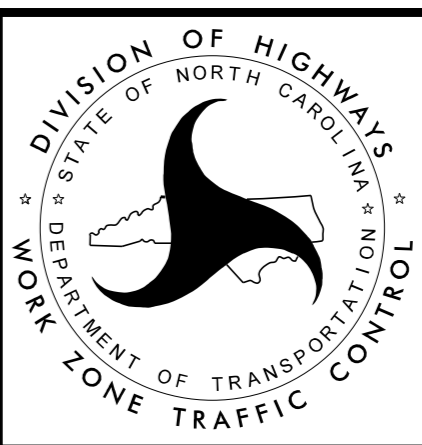
- A:** ROAD CLOSED AHEAD (W20-3, 48" X 48")
- B:** ROAD CLOSED 500 FT (W20-3, 48" X 48")
- C:** ROAD CLOSED 1000 FT (W20-3, 48" X 48")
- D:** ROAD CLOSED AHEAD (R3-2, 24" X 24")
- E:** DETOUR AHEAD (W20-2, 48" X 48")
- F:** DETOUR SLOAN ST (M4-8, 24" X 12"; SD1, 42" X 12"; SEE SHEET TMP-2E; M6-1, 21" X 15")
- G:** DETOUR SLOAN ST (M4-8, 24" X 12"; SD1, 42" X 12"; SEE SHEET TMP-2E; M6-1 L, 21" X 15")
- H:** END DETOUR (M4-8 A, 24" X 18")
- I:** TYPE III BARRICADE (R11-4, 60" x 30"; M4-10L, 48" x 18")
- J:** TYPE III BARRICADE(S) (R11-2, 48" x 30")

10/12/2023 K:\CHL\PRJ\101036360_U-5907_Potts-Sloan_ExtTrafficControl\TCS\Sheets\U-5907_tmp_2Adgn



APPROVED: *Frank Masterson* DATE: 10/24/2023

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 037923 FRANK MASTERSON



**DETOUR SHEET
 SLOAN STREET
 PHASE 3D**

SIGN NUMBER: SD1 BACKG COLOR: Fluorescent Orange
 TYPE: STATIONARY COPY COLOR: White
 QUANTITY: SEE PLANS SYMBOL X Y WID HT

SIGN WIDTH: 3'-6" HEIGHT: 1'-0"
 TOTAL AREA: 3.5 Sq.Ft.

BORDER TYPE: INSET
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 2"

NO. Z BARS: MAT'L: 0.080" (2.0 mm) ALUMINUM
 LENGTH:

DESIGN BY: A.WEEKS CHECKED BY: F.MASTERSON Nov 20, 2019
 PROJECT ID: 011036360 LOCATION: MECKLENBURG COUNTY DIV: 10

USE NOTES: 1,2
 1. Legend and border shall be direct applied black non-reflective sheeting.
 2. Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
7.1	S	L	O	A	N	S	T						C 2000
													27.8

FILENAME: U-5907_sgn_wztc_05 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SD2 BACKG COLOR: Fluorescent Orange
 TYPE: STATIONARY COPY COLOR: Black
 QUANTITY: SEE PLANS SYMBOL X Y WID HT

SIGN WIDTH: 3'-0" HEIGHT: 1'-0"
 TOTAL AREA: 3.0 Sq.Ft.

BORDER TYPE: INSET
 RECESS: 0.47"
 WIDTH: 0.63"
 RADII: 1.5"

NO. Z BARS: MAT'L: 0.080" (2.0 mm) ALUMINUM
 LENGTH:

DESIGN BY: A.WEEKS CHECKED BY: F.MASTERSON Nov 20, 2019
 PROJECT ID: 011036361 LOCATION: MECKLENBURG COUNTY DIV: 10

USE NOTES: 1,2
 1. Legend and border shall be direct applied black non-reflective sheeting.
 2. Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
4.7	P	O	T	T	S	S	T						C 2000
													26.7

FILENAME: U-5873_sgn_tmp_05 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SD3 BACKG COLOR: Fluorescent Orange
 TYPE: STATIONARY COPY COLOR: Black
 QUANTITY: SEE PLANS SYMBOL X Y WID HT

SIGN WIDTH: 4'-0" HEIGHT: 1'-0"
 TOTAL AREA: 4.0 Sq.Ft.

BORDER TYPE: INSET
 RECESS: 0.47"
 WIDTH: 0.63"
 RADII: 1.5"

NO. Z BARS: MAT'L: 0.080" (2.0 mm) ALUMINUM
 LENGTH:

DESIGN BY: A.WEEKS CHECKED BY: F.MASTERSON Feb 27, 2020
 PROJECT ID: 011036361 LOCATION: MECKLENBURG COUNTY DIV: 10

USE NOTES: 1,2
 1. Legend and border shall be direct applied black non-reflective sheeting.
 2. Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	
													Text Length	
1.3	M	A	I	N	S	T	/	N	C	-	1	1	5	C 2000
													45.4	

FILENAME: U-5873_sgn_tmp_05 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SD4 BACKG COLOR: Fluorescent Orange
 TYPE: STATIONARY COPY COLOR: Black
 QUANTITY: SEE PLANS SYMBOL X Y WID HT

SIGN WIDTH: 4'-0" HEIGHT: 1'-0"
 TOTAL AREA: 4.0 Sq.Ft.

BORDER TYPE: INSET
 RECESS: 0.47"
 WIDTH: 0.63"
 RADII: 1.5"

NO. Z BARS: MAT'L: 0.080" (2.0 mm) ALUMINUM
 LENGTH:

DESIGN BY: A.WEEKS CHECKED BY: F.MASTERSON Feb 27, 2020
 PROJECT ID: 011036361 LOCATION: MECKLENBURG COUNTY DIV: 10

USE NOTES: 1,2
 1. Legend and border shall be direct applied black non-reflective sheeting.
 2. Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

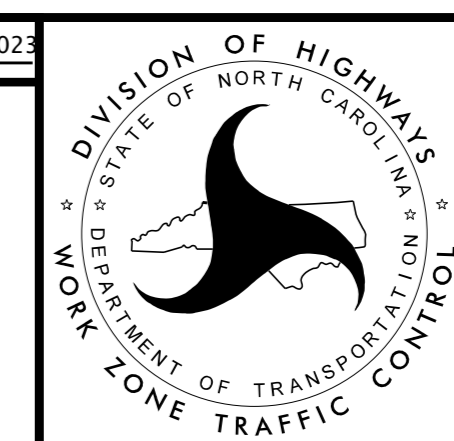
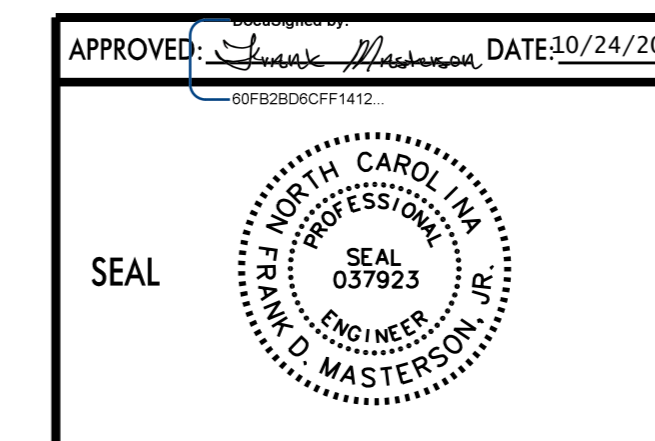
Letter spacings are to start of next letter													Series/Size
													Text Length
3	T	W	I	N	O	A	K	S	R	D			C 2000
													42.1

FILENAME: U-5873_sgn_tmp_05 NORTH CAROLINA D.O.T. SIGN DETAIL

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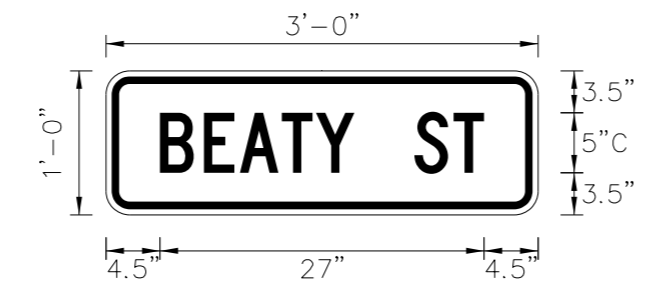
10/12/2023

Kimley»Horn



SPECIAL SIGN DESIGN

SIGN NUMBER: SDS		BACKG COLOR: Fluorescent Orange	DESIGN BY: A. WEEKS		CHECKED BY: F. MASTERSON	Dec 09, 2019																																																																																																																													
TYPE: STATIONARY		COPY COLOR: Black	PROJECT ID: 011036360		LOCATION: MECKLENBURG COUNTY	DIV: 10																																																																																																																													
QUANTITY: SEE PLANS		SYMBOL	X	Y	WID	HT																																																																																																																													
SIGN WIDTH: 3'-0"																																																																																																																																			
HEIGHT: 1'-0"																																																																																																																																			
TOTAL AREA: 3.0 Sq.Ft.																																																																																																																																			
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FILENAME: U-5873_sgn_tmp_05

NORTH CAROLINA D.O.T. SIGN DETAIL

10/12/2023 K:\CHL_PR\01036361_U-5873_Potts-Main\TrafficControl\CPS\Sheets\U-5873_rdy_tmp_2B.dgn

Kimley»Horn

APPROVED: DATE: 0/24/2023 SEAL:		<p>SPECIAL SIGN DESIGN</p>
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CONSTRUCTION PHASING

PRIOR TO BEGINNING ANY CONSTRUCTION THE CONTRACTOR SHALL INSTALL WORK ZONE ADVANCE WARNING SIGNS AS SHOWN IN THE NCDOT ROADWAY STANDARD DRAWING NO. 1101.01

NOTE: CONTRACTOR SHALL COORDINATE WITH SOUTHERN RAILROAD THROUGHOUT THE DURATION OF THE PROJECT WHENEVER WORK IS OCCURRING WITHIN OR NEAR THE RAILROAD RIGHT-OF-WAY, AND SPECIFICALLY FOR THE CONSTRUCTION OF -Y2- NC-115 AND -Y5- POTTS STREET AND THE REMOVAL OF EXISTING PAVEMENT ON POTTS STREET.

PHASE 1A (U-5873)

STEP 1:
INSTALL BARRICADES AS SHOWN ON SHEETS TMP-4, AND SHIFT TRAFFIC TO NEW TRAFFIC PATTERN.

STEP 2:

USING RSD 1101.02 SHEET 1 OF 14 AS NEEDED TO MAINTAIN TRAFFIC, CONSTRUCT PROPOSED IMPROVEMENTS FOR -Y3- TWIN OAKS DRIVE AS SHOWN AND TMP-4. CONTRACTOR TO WORK ON ONE SIDE OF THE ROAD AT A TIME. MAINTAIN ACCESS TO DAVIDSON GREEN SCHOOL DRIVEWAY AND PARKING AT ALL TIMES.

STEP 3:

AWAY FROM TRAFFIC CONSTRUCT RIGHT SIDE OF -Y2- NC 115/ MAIN STREET, AS SHOWN ON TMP-4 INCLUDING, BUT NOT LIMITED TO:
- PAVEMENT AND NEW CURB & GUTTER
-SIDEWALK
-ASSOCIATED DRAINAGE

STEP 4:

AWAY FROM TRAFFIC CONSTRUCT TEMPORARY PIPE #1, -Y2- NC 115/ MAIN STREET STA. 13+11 RT. FROM EXISTING CB TO PROPOSED CB 0417. INVERT OUT AT EX. CB EL.:790.18', INVERT IN @ CB 0417 EL.:788.4' AND REMOVE/ABANDON EXISTING 24" PIPE.

PROVIDE WEDGING AS REQUIRED FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

PHASE 1B (U-5873)

MAINTAIN EXISTING TRAFFIC PATTERN ON NC 115/ MAIN STREET FROM PREVIOUS PHASE

STEP 1:

USING RSD 1101.02 SHEET 1 OF 14 AS NEEDED TO MAINTAIN TRAFFIC, CONSTRUCT TEMPORARY PIPE #2, -Y2- NC 115/ MAIN STREET FROM PROPOSED CB 0410 STA. 12+26 LT, TO EXISTING CB STA. 13+02 LT. INVERT OUT AT 0410 EL.:791.2', INVERT IN @ EX. CB EL.:790.18'

STEP 2:

USING RSD 1101.02 SHEET 1 OF 14 AS NEEDED TO MAINTAIN TRAFFIC, CONSTRUCT PROPOSED IMPROVEMENTS FOR -L- MAIN STREET AS SHOWN ON TMP-5.

STEP 3:

PRIOR TO BEGINNING CONSTRUCTION ON -Y5- POTTS STREET, INSTALL OFFSITE DETOUR FOR THRU TRAFFIC AND TRUCK TRAFFIC AS SHOWN ON SHEET TMP-2. THIS DETOUR SHALL BE MAINTAINED FOR THE DURATION OF PHASE 1C. CLOSE POTTS STREET AS SHOWN ON TMP-6.

STEP 3:

AWAY FROM TRAFFIC CONSTRUCT -L- MAIN STREET, -L- POTTS STREET, -Y1- DAVIDSON STREET, -Y2- NC 115 AND -Y5- POTTS STREET, AS SHOWN ON TMP-5 & TMP-6 INCLUDING, BUT NOT LIMITED TO:
- PAVEMENT AND NEW CURB & GUTTER
-MONOLITHIC ISLANDS
-SIDEWALK
-CONDUIT
-HANDRAIL
-ASSOCIATED DRAINAGE

PROVIDE WEDGING AS REQUIRED FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

PHASE 1C (U-5873)

MAINTAIN EXISTING TRAFFIC PATTERN ON NC 115/ MAIN STREET FROM PREVIOUS PHASE.

MAINTAIN -Y5- POTTS STREET DEOUR AS SHOWN IN PREVIOUS PHASE.

PLACE TEMPORARY PAINT MARKINGS IN FINAL TRAFFIC PATTERN FOR -L- POTTS STREET FROM LIMITS SHOWN ON TMP-7 TO PROJECT END CONSTRUCTION.

STEP 1:

AWAY FROM TRAFFIC CLOSE EXISTING DRIVEWAY -Y5- POTTS STREET STA 14+50 LT, CLOSE EXISTING DRIVEWAY -Y1- STA 13+00 LT, AND OPEN PROPOSED DRIVEWAY -L- POTTS STA. 18+67.

STEP 2:

USING RSD 1101.02 SHEET 1 OF 14 AS NEEDED TO MAINTAIN TRAFFIC, CONSTRUCT PROPOSED IMPROVEMENTS FOR -Y1- DAVIDSON STREET AS SHOWN ON TMP-15 INCLUDING, BUT NOT LIMITED TO:
- PAVEMENT AND NEW CURB & GUTTER
-SIDEWALK
-HANDRAIL
-ASSOCIATED DRAINAGE

PROVIDE WEDGING AS REQUIRED FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

PHASE 1D (U-5873)

PRIOR TO BEGINNING CONSTRUCTION FOR THE ROUNDABOUT TIE-IN, INSTALL OFFSITE DETOUR FOR THRU TRAFFIC AND TRUCK TRAFFIC AS SHOWN ON SHEET TMP-2A AND CLOSE -Y2- NC 115 TO THE LIMITS SHOWN ON TMP-8 & TMP 9. THIS DETOUR SHALL BE MAINTAINED FOR THE DURATION OF PHASE 1D.

CLOSE POTTS STREET AND REROUTE -Y6- APARTMENT DRIVEWAY AS SHOWN ON TMP-8.

PLACE TEMPORARY PAINT MARKINGS IN FINAL TRAFFIC PATTERN FOR -L- POTTS STREET, -L- MAIN STREET AND Y1- DAVIDSON STREET.

PERFORM STEPS 1 & 2 CONCURRENTLY.

STEP 1:

USING RSD 1101.02 SHEET 1 OF 14 AS NEEDED TO MAINTAIN TRAFFIC, CONSTRUCT PROPOSED IMPROVEMENTS FOR -Y1- DAVIDSON STREET AS SHOWN ON TMP-8 INCLUDING, BUT NOT LIMITED TO:
- PAVEMENT AND NEW CURB & GUTTER
-ASSOCIATED DRAINAGE

MAINTAIN ACCESS TO ALL DRIVEWAYS

STEP 2:

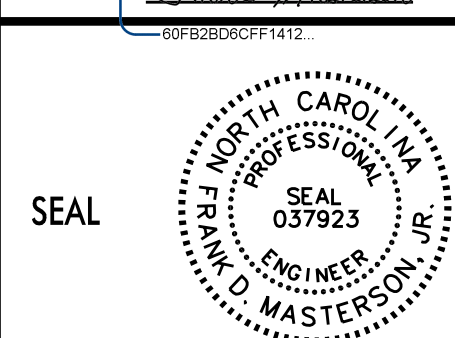
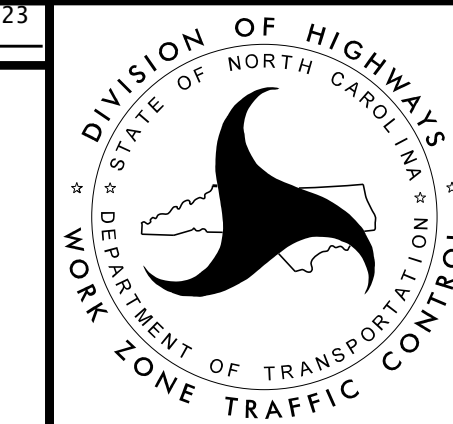
USING RSD 1101.02 SHEET 1 OF 14 AS NEEDED TO MAINTAIN TRAFFIC, CONSTRUCT PROPOSED IMPROVEMENTS FOR -L- MAIN STREET AS SHOWN ON TMP-8 INCLUDING, BUT NOT LIMITED TO:
- PAVEMENT AND NEW CURB & GUTTER
-SIDEWALK
-ASSOCIATED DRAINAGE

MAINTAIN ACCESS TO ALL DRIVEWAYS

OPEN ROUNDABOUT AND PLACE TRAFFIC ON NEW PATTERN.

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Kimley»Horn

APPROVED: <i>Frank Masterson</i> DATE: 10/24/2023 <small>DPFBS0000FF1412</small>			<h1 style="margin: 0;">PHASING</h1>
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CONSTRUCTION PHASING

PHASE 1D, CONT. (U-5873)

STEP 3:

AWAY FROM TRAFFIC CONSTRUCT PROPOSED IMPROVEMENTS FOR -Y2- NC 115, -Y5- POTTS STREET, AND -Y6- APARTMENT DRIVEWAY AS SHOWN ON TMP-8 AND TMP-9 INCLUDING, BUT NOT LIMITED TO:
 - PAVEMENT AND NEW CURB & GUTTER
 -SIDEWALK
 -ASSOCIATED DRAINAGE

NOTE: CONTRACTOR TO COORDINATE WITH NCDOT AND THE DAVIDSON GREEN SCHOOL 30 DAYS PRIOR TO START OF CONSTRUCTION. STEP 4 TO OCCUR DURING THE SUMMER MONTHS BETWEEN THE MONTHS OF JUNE AND AUGUST.

STEP 4:

AWAY FROM TRAFFIC CONSTRUCT PROPOSED IMPROVEMENTS FOR -Y2- NC 115 AS SHOWN ON TMP-9 INCLUDING, BUT NOT LIMITED TO:
 -TEMPORARY DRIVEWAY
 - PAVEMENT AND NEW CURB & GUTTER
 -SIDEWALK
 -HANDRAIL
 -GUARDRAIL
 -WALL

MAINTAIN ACCESS TO DAVIDSON GREEN SCHOOL DRIVEWAYS

PROVIDE WEDGING AS REQUIRED FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

PHASE 1E (U-5873)

REMOVE PREVIOUS OFFSITE DETOUR AND OPEN -Y2- NC 115. REMOVE CONFLICTING PAINT MARKINGS AND PLACE TRAFFIC ON NEW PATTERN. INSTALL OFFSITE DETOUR FOR THRU TRAFFIC AND TRUCK TRAFFIC AS SHOWN ON SHEET TMP-2B AND CLOSE -Y2- NC 115 TO THE LIMITS SHOWN ON TMP-11. THIS DETOUR SHALL BE MAINTAINED FOR THE DURATION OF PHASE 1E.

STEPS 1 & 2 MAY BE PERFORMED CONCURRENTLY.

STEP 1:

REESTABLISH TEMPORARY DRIVEWAY.

AWAY FROM TRAFFIC CONSTRUCT PROPOSED IMPROVEMENTS FOR -Y2- NC 115, AS SHOWN ON TMP-10 INCLUDING, BUT NOT LIMITED TO:
 - PAVEMENT AND NEW CURB & GUTTER
 -SIDEWALK
 -ASSOCIATED DRAINAGE

MAINTAIN ACCESS TO ALL DRIVEWAYS.

STEP 2:

USING RSD 1101.02 SHEET 1 OF 14 AS NEEDED TO MAINTAIN TRAFFIC, CONSTRUCT PROPOSED IMPROVEMENTS FOR -L- MAIN STREET AND -Y6- APARTMENT DRIVEWAY AS SHOWN ON TMP-10 INCLUDING, BUT NOT LIMITED TO:
 - PAVEMENT AND NEW CURB & GUTTER
 -SIDEWALK

MAINTAIN ACCESS TO ALL DRIVEWAYS.

PLACE TEMPORARY PAINT MARKINGS IN FINAL TRAFFIC PATTERN .

PROVIDE WEDGING AS REQUIRED FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

CONTRACTOR SHALL NOT BEGIN WORK ON U-5907 PRIOR TO THE FINAL SURFACE, PAVEMENT MARKINGS, AND SIGNS ARE INSTALLED ON U-5873.

PHASE 2 (U-5907)

STEP 1:

INSTALL ROAD AND SIDEWALK CLOSURES SIGNS AND BARRICADES AS SHOWN ON SHEETS TMP-12 THRU TMP-14.

STEP 2:

CONSTRUCT PROPOSED -L1- POTTS STREET CONNECTOR AS SHOWN ON TMP-12. CONSTRUCT CURB AND GUTTER TO STATION -L1- STA. 32+72.

STEP 3:

AWAY FROM TRAFFIC CONSTRUCT LEFT SIDE OF -Y3- SLOAN STREET AND AS SHOWN ON TMP-12 INCLUDING, BUT NOT LIMITED TO:
 -NEW PAVEMENT AND CURB & GUTTER
 -ASSOCIATED DRAINAGE
 CONSTRUCT OUTLET PIPE 0809 TO 0810, CB 0809, AND PIPE FROM CB 0807 TO TO CB 0809.

STEP 4:

AWAY FROM TRAFFIC CONSTRUCT RIGHT SIDE OF -Y3- SLOAN STREET, AS SHOWN ON TMP-13 INCLUDING, BUT NOT LIMITED TO:
 - PAVEMENT AND NEW CURB & GUTTER
 -ASSOCIATED DRAINAGE

USING RSD 1101.02 SHEET 1 OF 14 AS NEEDED TO MAINTAIN TRAFFIC, CONSTRUCT PROPOSED IMPROVEMENTS FOR -L1- POTTS STREET AS SHOWN AND TMP-13. CONTRACTOR TO MAINTAIN ACCESS TO ALL DRIVEWAYS AND WALKIGN TRAIL

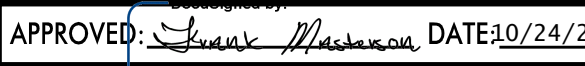
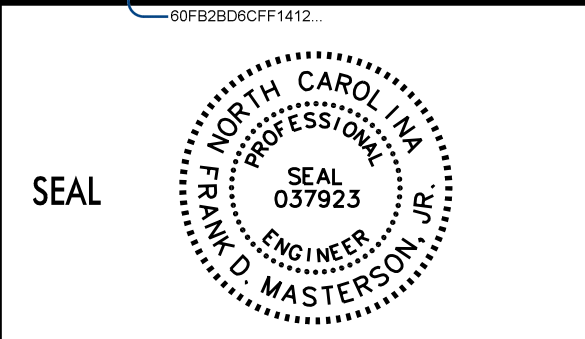
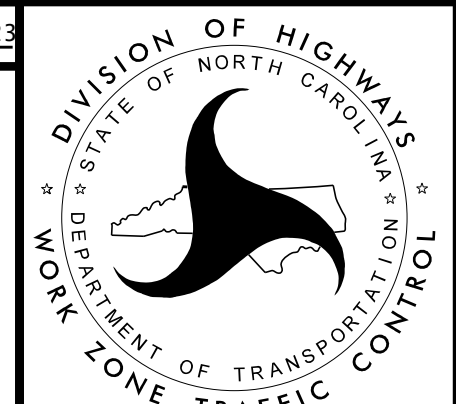
STEP 5:

USING RSD 1101.02 SHEET 1 OF 14 AS NEEDED TO MAINTAIN TRAFFIC, CONSTRUCT PROPOSED SIDEWALK AND REMOVE & REPLACE EXIST SIDEWALK ALONG LT SIDE OF -L1- POTTS STREET AND PROPOSED SIDEWALK ALONG -L1- SLOAN STREET LT SIDE.

CONTRACTOR TO WORK ON ONE SIDE OF THE STREET AT A TIME.

PROVIDE WEDGING AS REQUIRED FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

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APPROVED:  DATE: 10/24/2023 <small>01F 02B09CF1412</small>		
<h1 style="margin: 0;">PHASING</h1>		

CONSTRUCTION PHASING

PRIOR TO BEGINNING ANY CONSTRUCTION THE CONTRACTOR SHALL INSTALL WORK ZONE ADVANCE WARNING SIGNS AS SHOWN IN THE NCDOT ROADWAY STANDARD DRAWING NO. 1101.01

PHASE 3A (U-5907)

PRIOR TO BEGINNING CONSTRUCTION, INSTALL OFFSITE DETOUR FOR THRU TRAFFIC AND TRUCK TRAFFIC AS SHOWN ON SHEET TMP-2C. THIS DETOUR SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. CLOSE SLOAN STREET AS SHOWN ON TMP-15

STEP 1:

INSTALL TEMPORARY STRIPING AND TEMPORARY SIGNALS AND SHIFT TRAFFIC ON NEW PATTERN. WHILE MAINTAINING EXISTING TRAFFIC PATTERNS AND ACCESS TO ALL PROPERTIES, USE RSD 1101.02 FOR TEMPORARY LANE CLOSURES AND FLAGGER CONTROL AS NECESSARY TO CONSTRUCT THE FOLLOWING AS SHOWN ON SHEETS TMP-15

STEP 2:

AWAY FROM TRAFFIC, CONSTRUCT RIGHT SIDE OF -Y3- GRIFFITH STREET, -L1- SLOAN STREET, AND CURB -1B- AND CURB -1C- AS SHOWN ON TMP-15 INCLUDING, BUT NOT LIMITED TO:

- REMOVING AND REPLACING PAVEMENT
- NEW CURB AND GUTTER
- CONCRETE ISLANDS
- NEW SIDEWALK AND CURB RAMPS
- ASSOCIATED STORM DRAINAGE

NOTE: CONTRACTOR TO CONSTRUCT CURB AND GUTTER ALONG -CURBC- UP TO CB 1014 IN THIS PHASE. CONTRACTOR TO INSTAL CB 1014 AND COVER WITH STEEL PLATE. EL: 776.10'

PROVIDE WEDGING AS REQUIRED FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

CONSTRUCT HAWK. SEE SIGNAL PLAN FOR DETAILS.

PHASE 3B (U-5907)

**STEP 1:
OPEN -L1- SLOAN STREET. REMOVE CONFLICTING TEMPORARY PAVEMENT MARKINGS. MODIFY TEMPORARY SIGNALS, INSTALL TEMPORARY PAVEMENT MARKINGS, AND SHIFT TRAFFIC ONTO NEW PATTERN. USE RSD 1101.02 FOR TEMPORARY LANE CLOSURES AND FLAGGER CONTROL AS NECESSARY TO CONSTRUCT THE FOLLOWING AS SHOWN ON SHEET TMP-16:**

STEP 2:

AWAY FROM TRAFFIC, CONSTRUCT LEFT SIDE OF -Y3- GRIFFITH STREET AND -L3- BEATY STREET INCLUDING, BUT NOT LIMITED TO:

- REMOVING AND REPLACING PAVEMENT
- NEW CURB AND GUTTER
- NEW SIDEWALK AND CURB RAMPS
- ASSOCIATED STORM DRAINAGE

CONSTRUCT PIPE CROSSINGS AS SHOWN ON TMP-16

PROVIDE WEDGING AS REQUIRED FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

CONSTRUCT HAWK. SEE SIGNAL PLANS FOR DETAILS.

PHASE 3C (U-5907)

STEP 1:

REMOVE CONFLICTING TEMPORARY PAVEMENT MARKINGS. MODIFY TEMPORARY SIGNALS, INSTALL TEMPORARY PAVEMENT MARKINGS, AND SHIFT TRAFFIC ONTO NEW PATTERN. USE RSD 1101.02 FOR TEMPORARY LANE CLOSURES AND FLAGGER CONTROL AS NECESSARY TO CONSTRUCT THE FOLLOWING AS SHOWN ON SHEET TMP-17:

STEP 2:

AWAY FROM TRAFFIC, CONSTRUCT RIGHT SIDE OF -Y3- GRIFFITH STREET AND LEFTSIDE OF -L3- BEATY STREET AS SHOWN ON TMP-9 INCLUDING, BUT NOT LIMITED TO:

- REMOVING AND REPLACING PAVEMENT
- NEW CURB AND GUTTER
- NEW SIDEWALK AND CURB RAMPS
- ASSOCIATED STORM DRAINAGE

PROVIDE WEDGING AS REQUIRED FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

PHASE 3D (U-5907)

STEP 1:

REMOVE CONFLICTING TEMPORARY PAVEMENT MARKINGS. INSTALL TEMPORARY PAVEMENT MARKINGS IN FINAL LOCATIONS (SEE PMP PLAN THIS SET), AND SHIFT TRAFFIC ONTO NEW PATTERN. USE RSD 1101.02 FOR TEMPORARY LANE CLOSURES AND FLAGGER CONTROL AS NECESSARY TO CONSTRUCT THE FOLLOWING AS SHOWN ON SHEET TMP-18:

STEP 2:

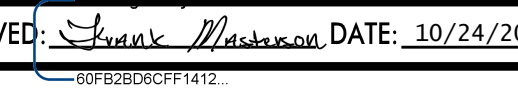

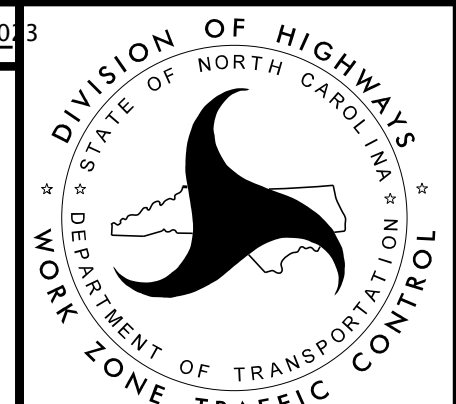
AWAY FROM TRAFFIC, CONSTRUCT RIGHT SIDE OF -Y3- GRIFFITH STREET AND LEFTSIDE OF -L3- BEATY STREET AS SHOWN ON TMP-10 INCLUDING, BUT NOT LIMITED TO:

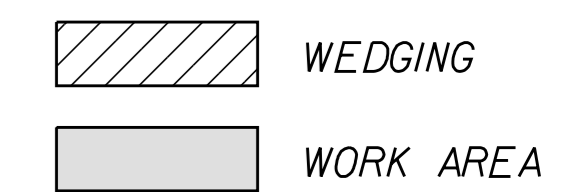
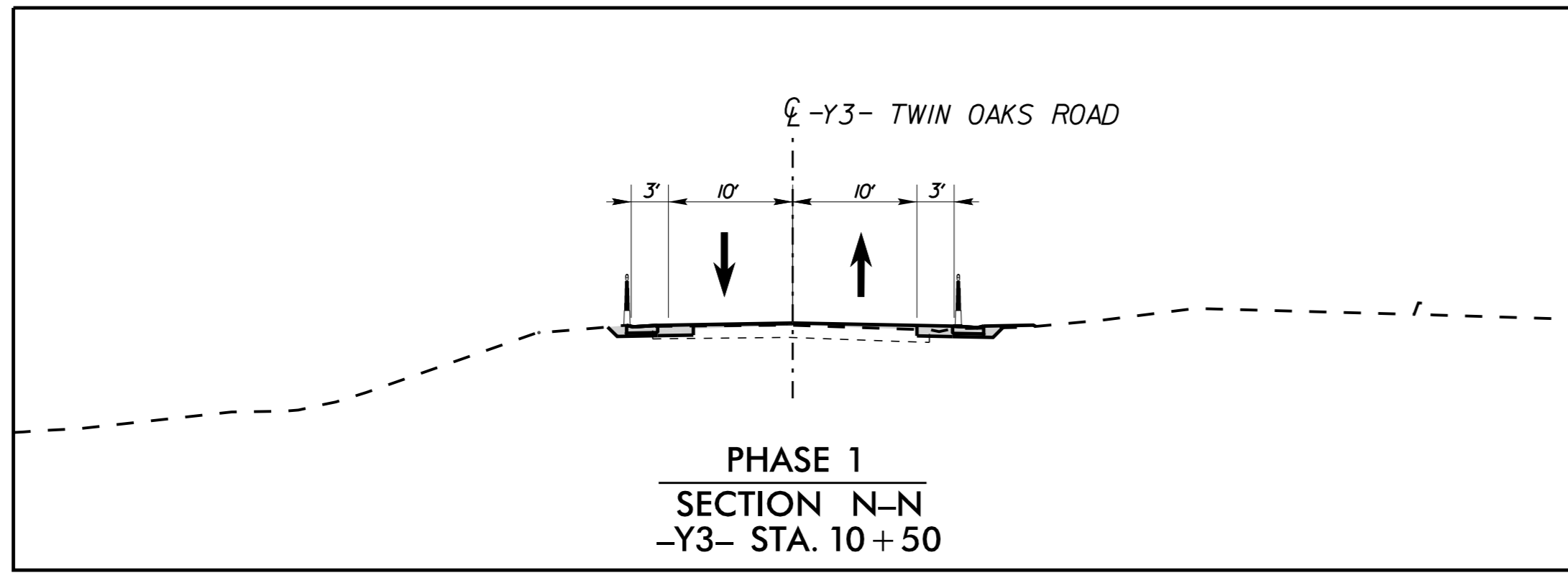
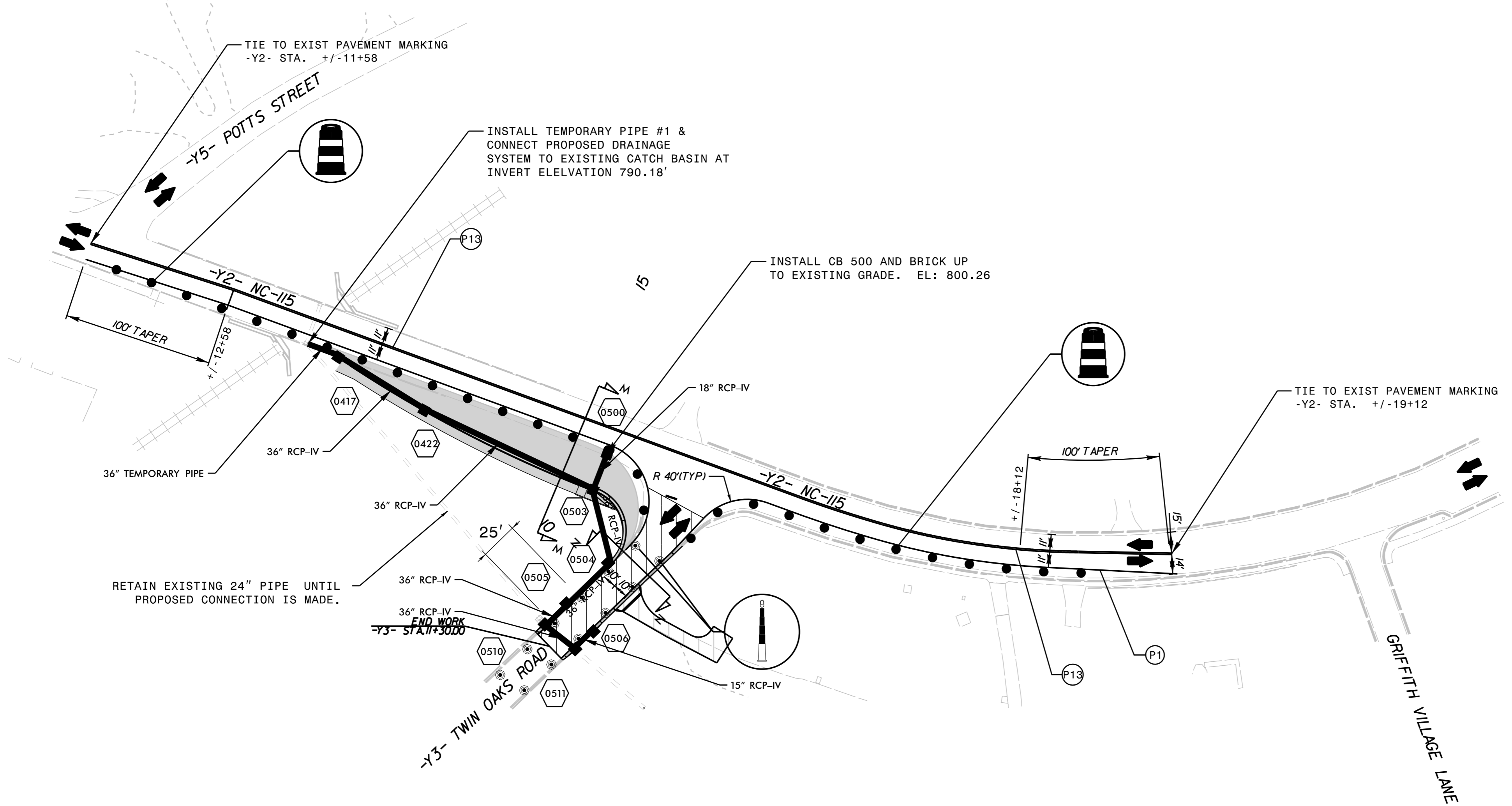
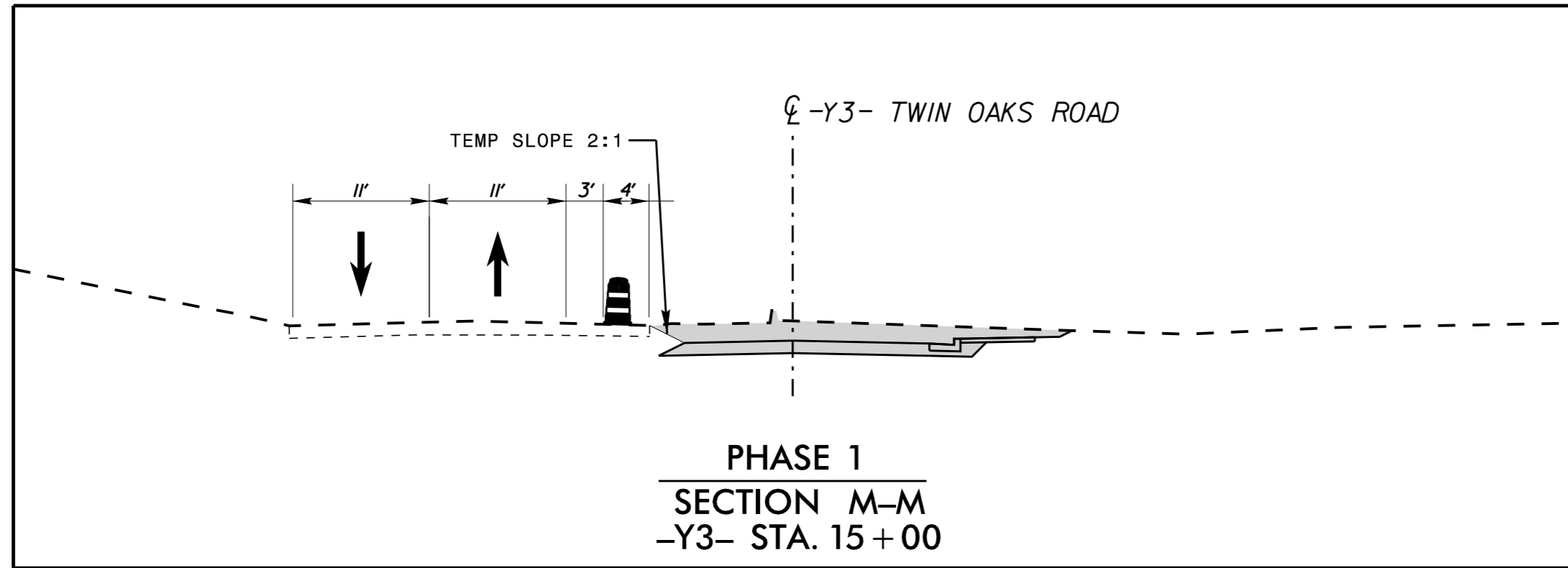
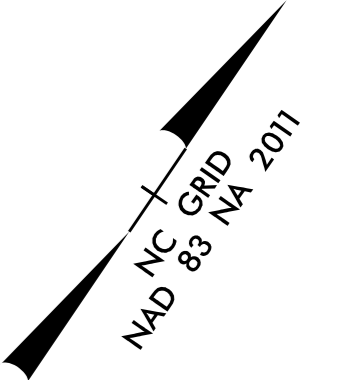
- MONOLITHIC ISLANDS AND PEDESATRIAN SPLITTER ISLANDS FOR -Y3- GRIFFITH STREET AND -L3- BEATY STREET
- TRUCK APRON FOR ROUNDABOUT
- ASSOCIATED STORM DRAINAGE

STEP 3:

INSTALL OFFSITE DETOUR FOR THRU TRAFFIC AND TRUCK TRAFFIC AS SHOWN ON SHEET TMP-2D. THIS DETOUR SHALL BE MAINTAINED FOR THE DURATION OF PHASE 3D. PLACE FINAL LAYER OF ASPHALT, FINAL PAVEMENT MARKINGS, MARKERS, AND SIGNING. SHIFT TRAFFIC ONTO FINAL PATTERN, OPEN ALL LANES TO TRAFFIC AND REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES

Kimley»Horn

APPROVED:  DATE: 10/24/2023 <small>61F82B06CF1413</small>			<h1 style="margin: 0;">PHASING</h1>
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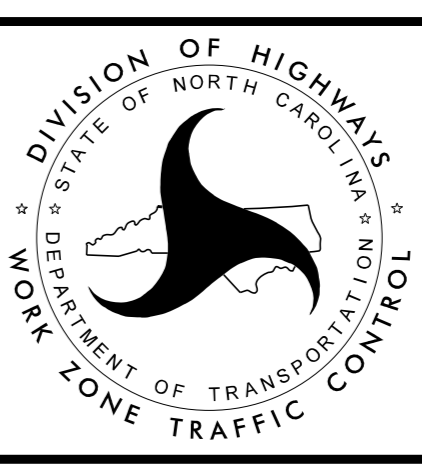


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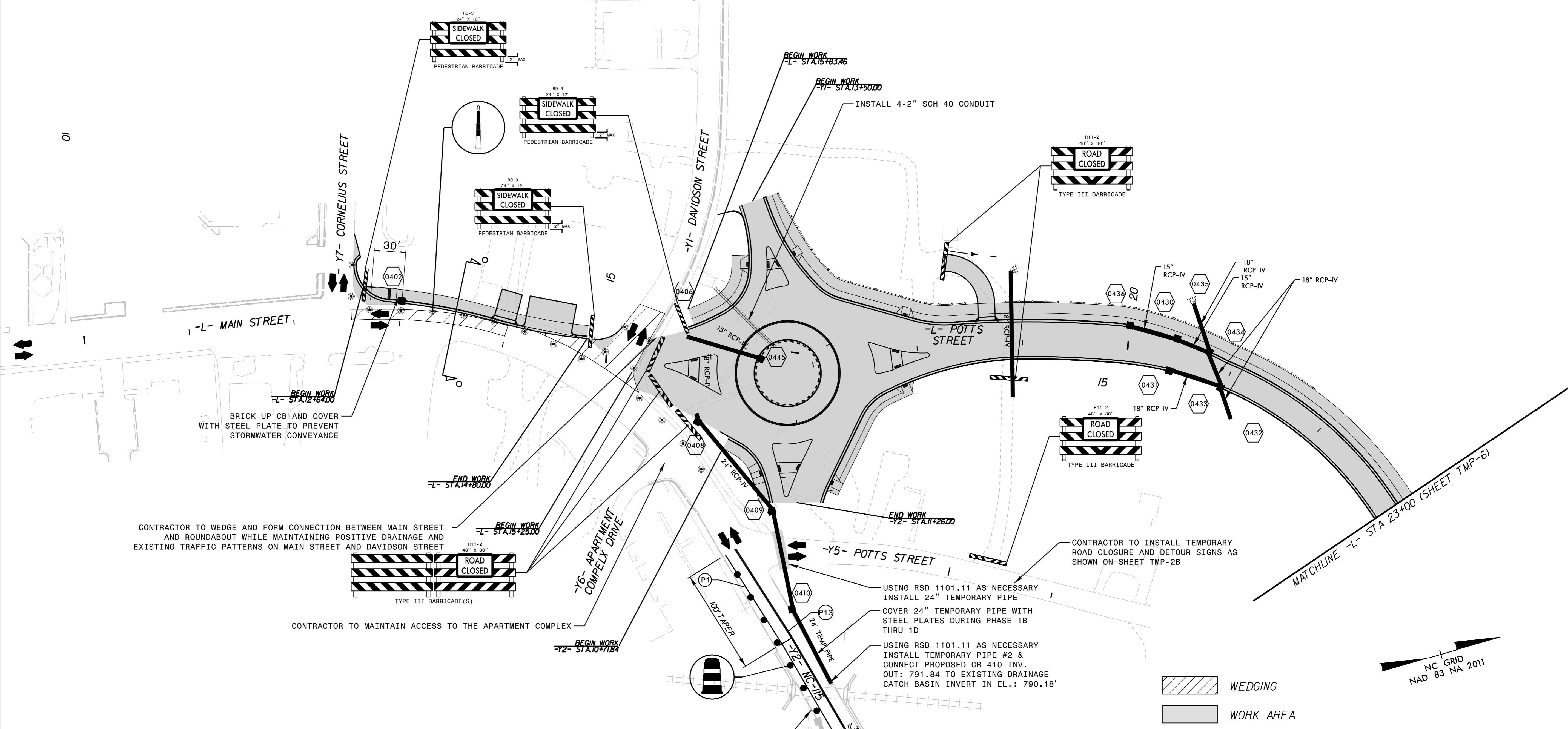
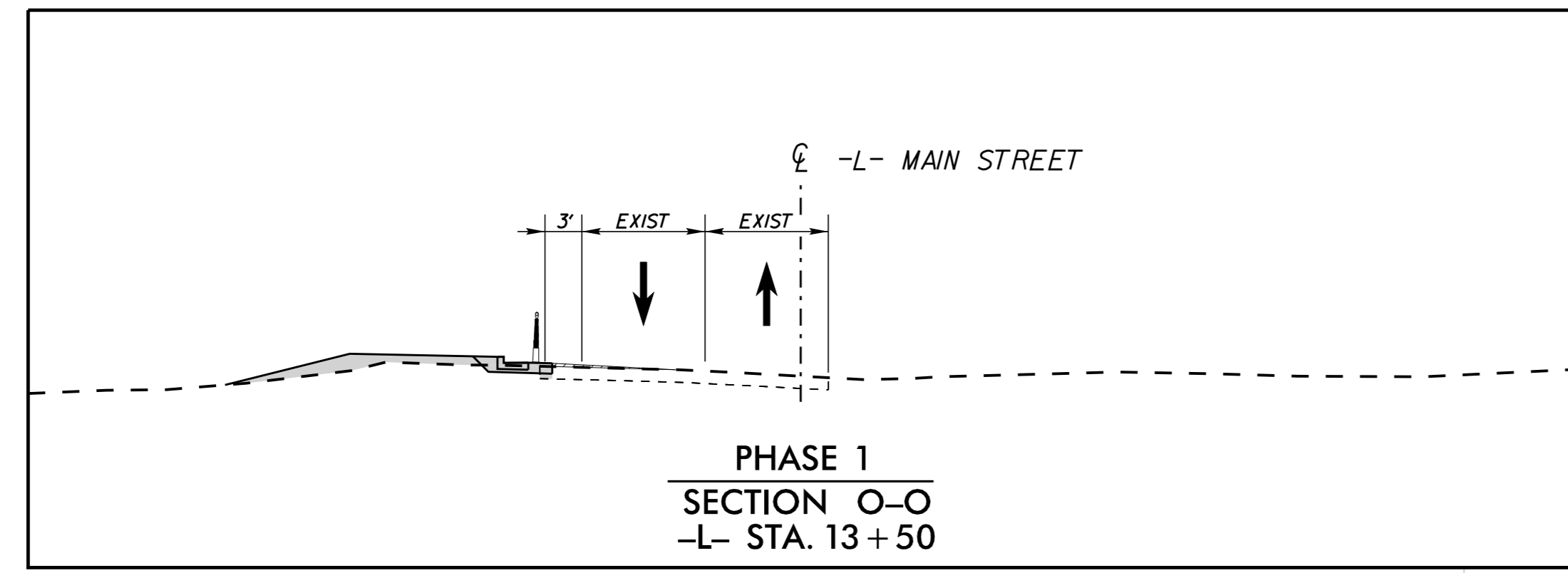


APPROVED: *Frank Masterson* DATE: 10/24/2023

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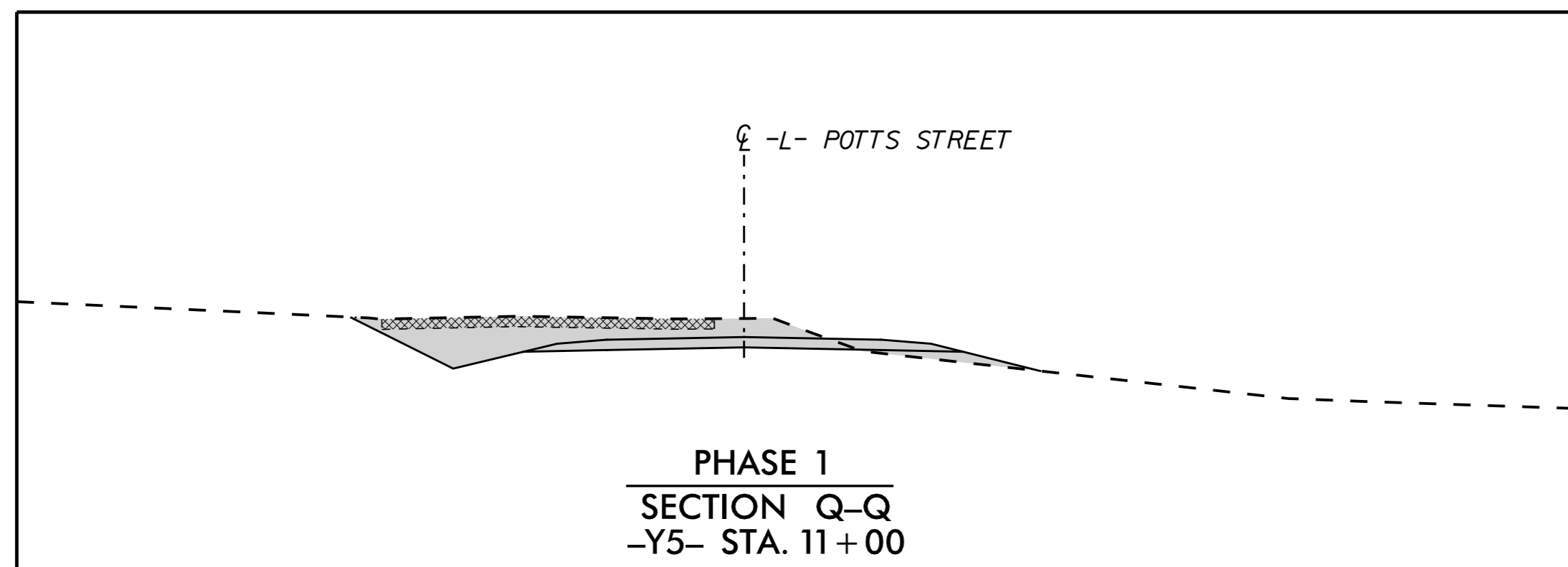
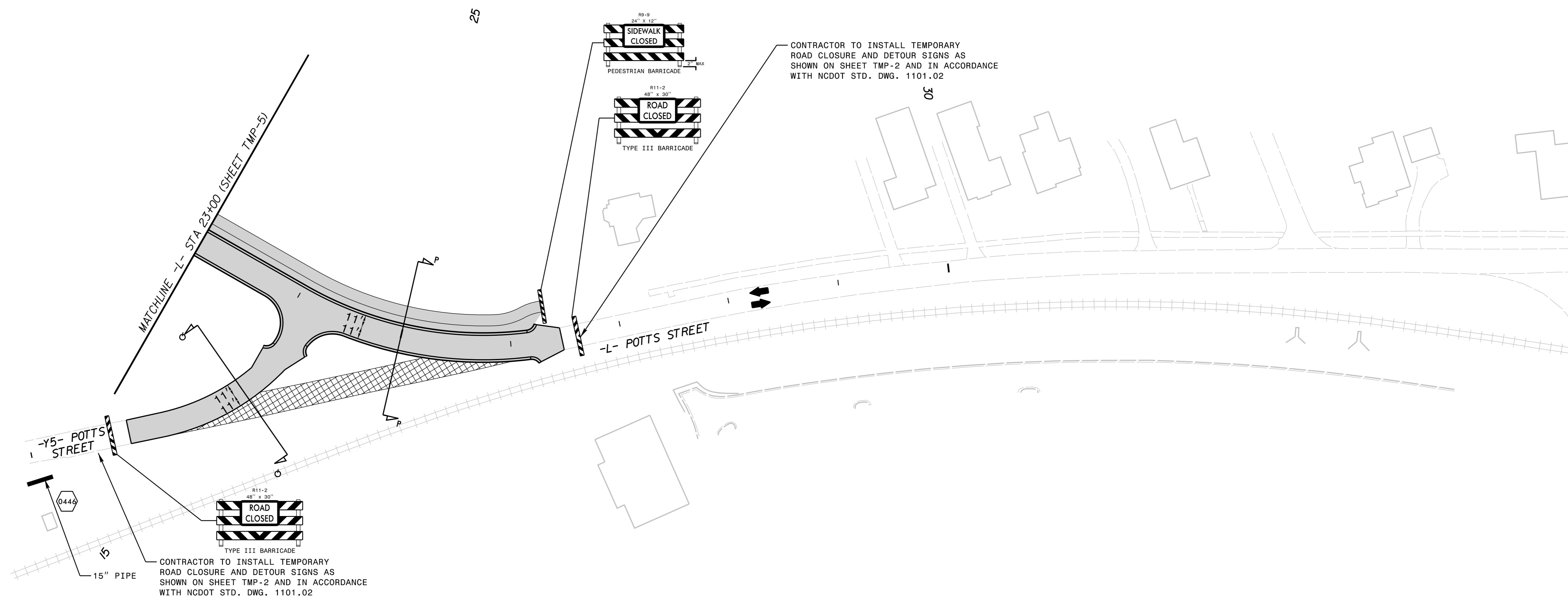
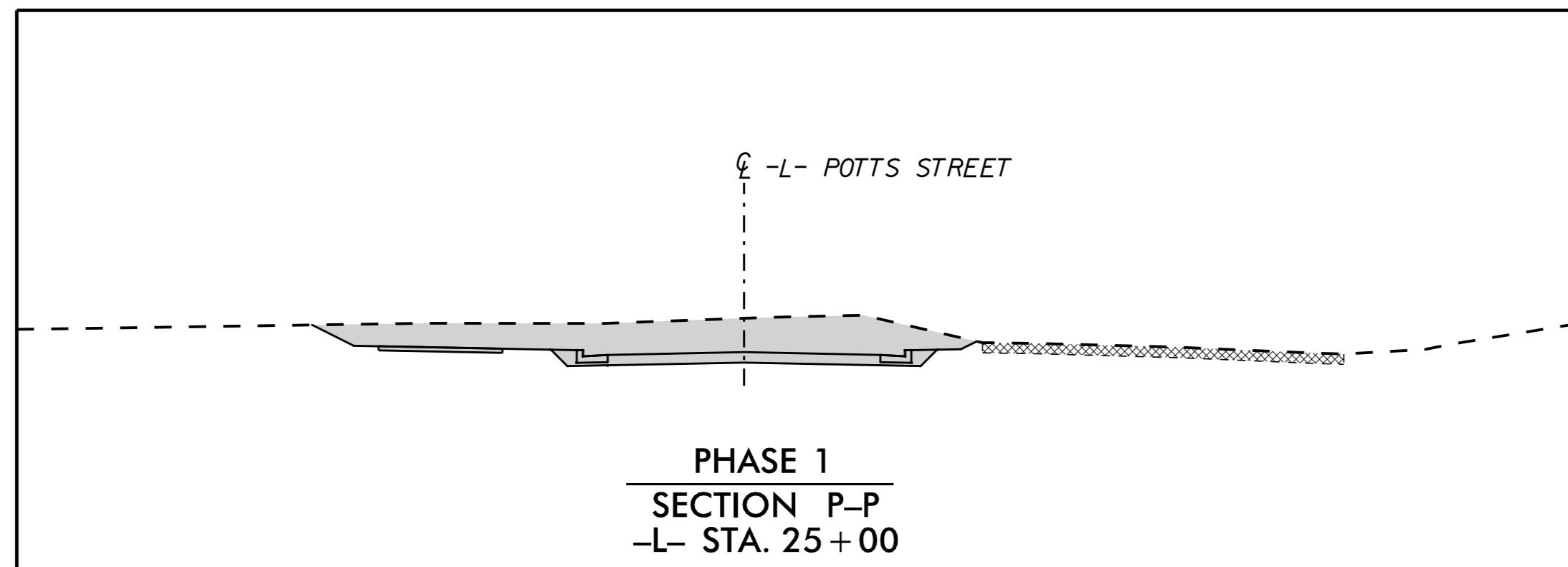
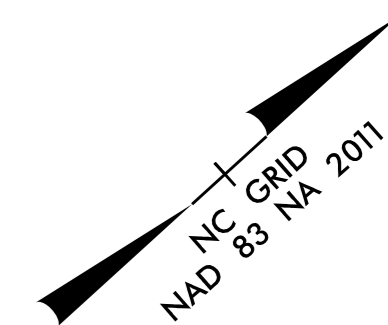
PHASE 1A
TRAFFIC CONTROL
DETAILS



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REMOVAL

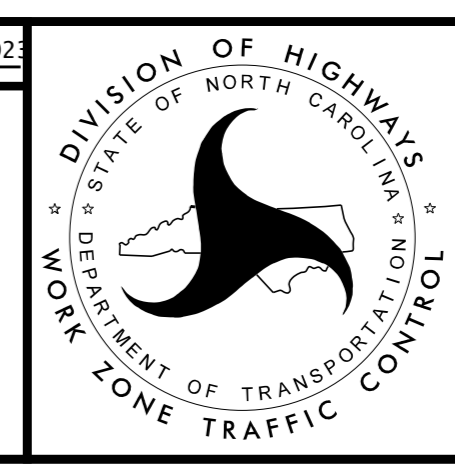
WORK AREA

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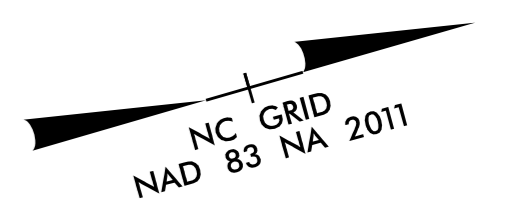
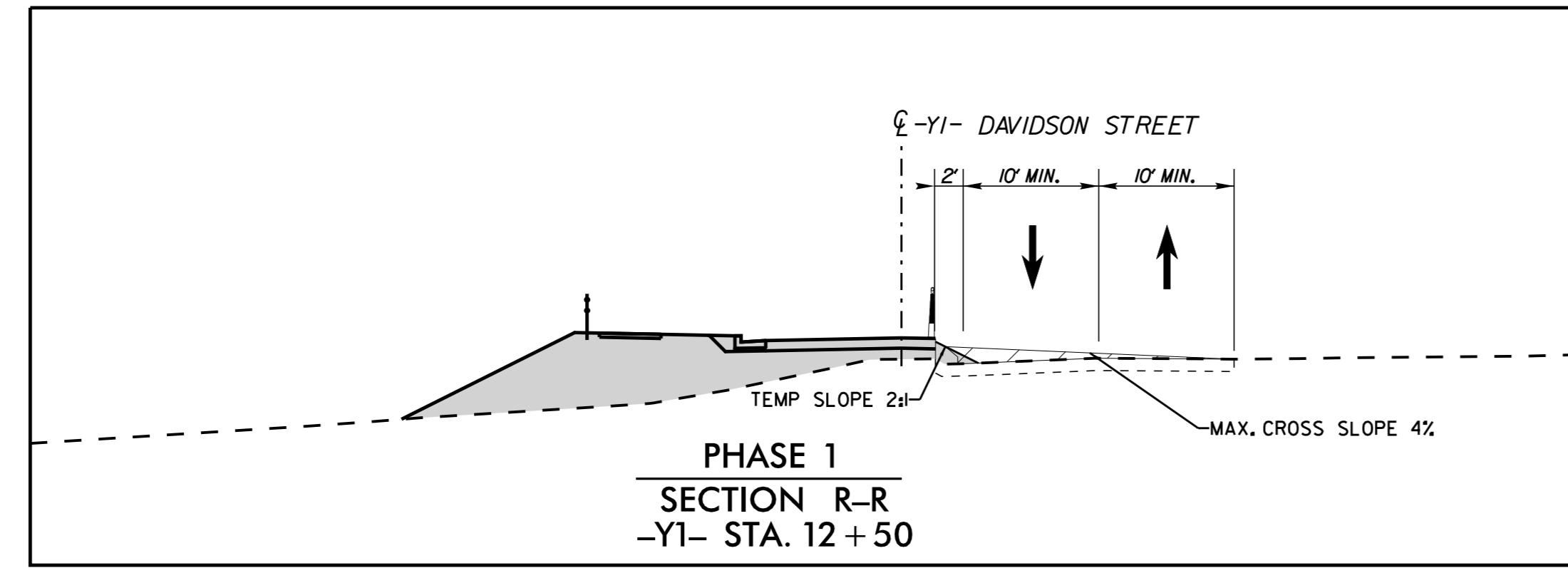
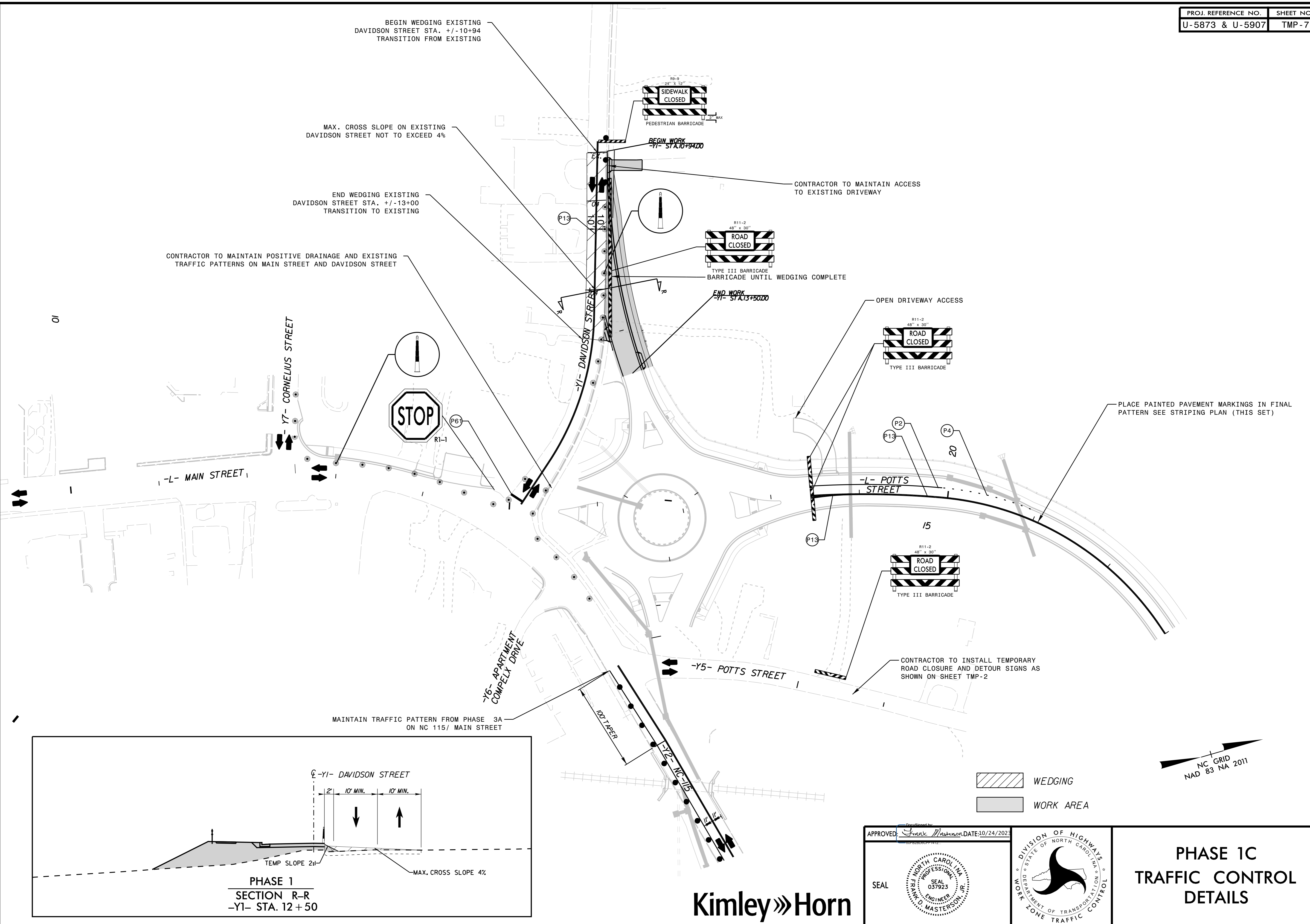




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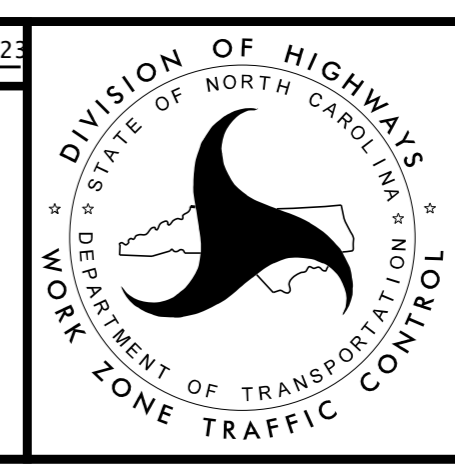
PHASE 1B
TRAFFIC CONTROL
DETAILS



 WEDGING
 WORK AREA

APPROVED: *Frank M. Masterson* DATE: 10/24/2023

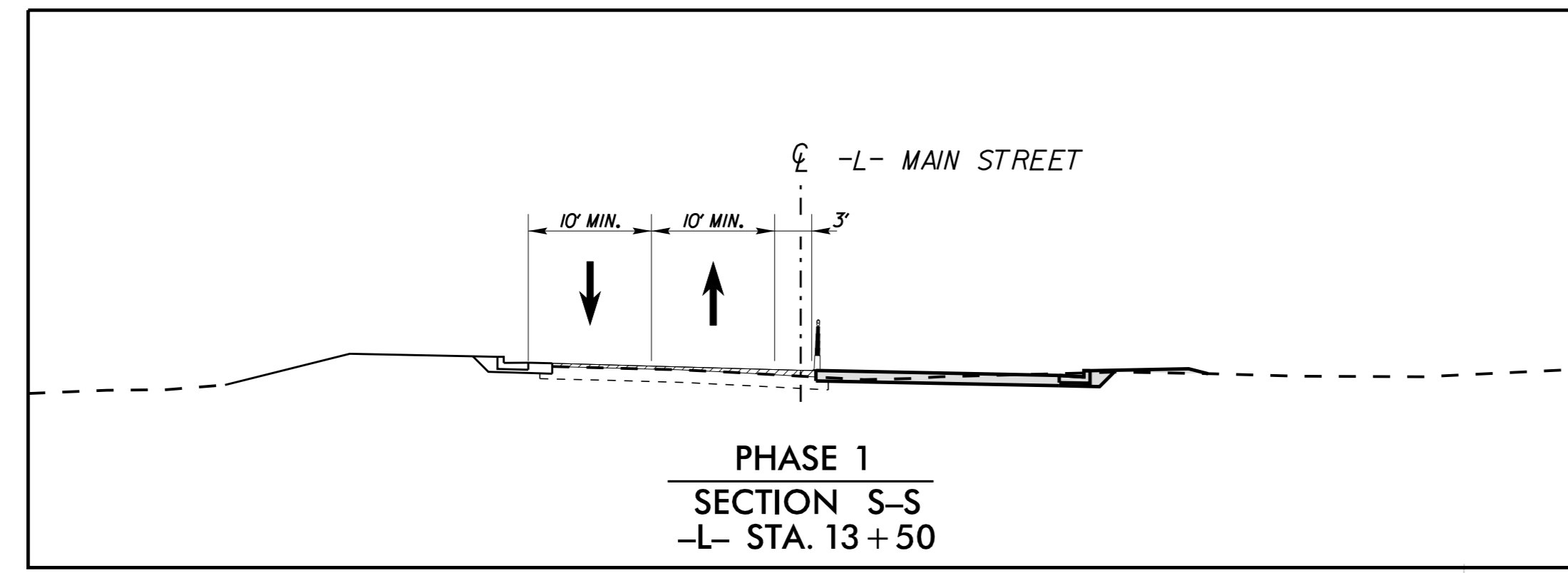
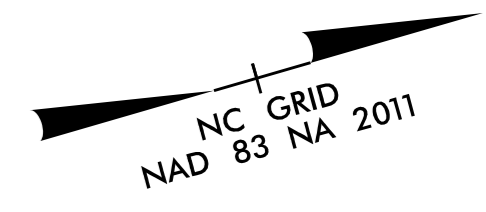
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**PHASE 1C
TRAFFIC CONTROL
DETAILS**



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CONSTRUCT CURB & GUTTER, PAVEMENT UP TO THE FINAL LIFT, AND DRAINAGE USING TEMPORARY LANE CLOSURE AND FLAGGER CONTROL IN ACCORDANCE WITH NCDOT STD. DWG. 1101.02.

CONTRACTOR TO GRADE AREA BETWEEN EXISTING DAVIDSON STREET AND PROPOSED ROUNDABOUT TO MAINTAIN POSITIVE DRAINAGE IN ACCORDANCE WITH NCDOT STANDARD SPECS AND DRAWINGS

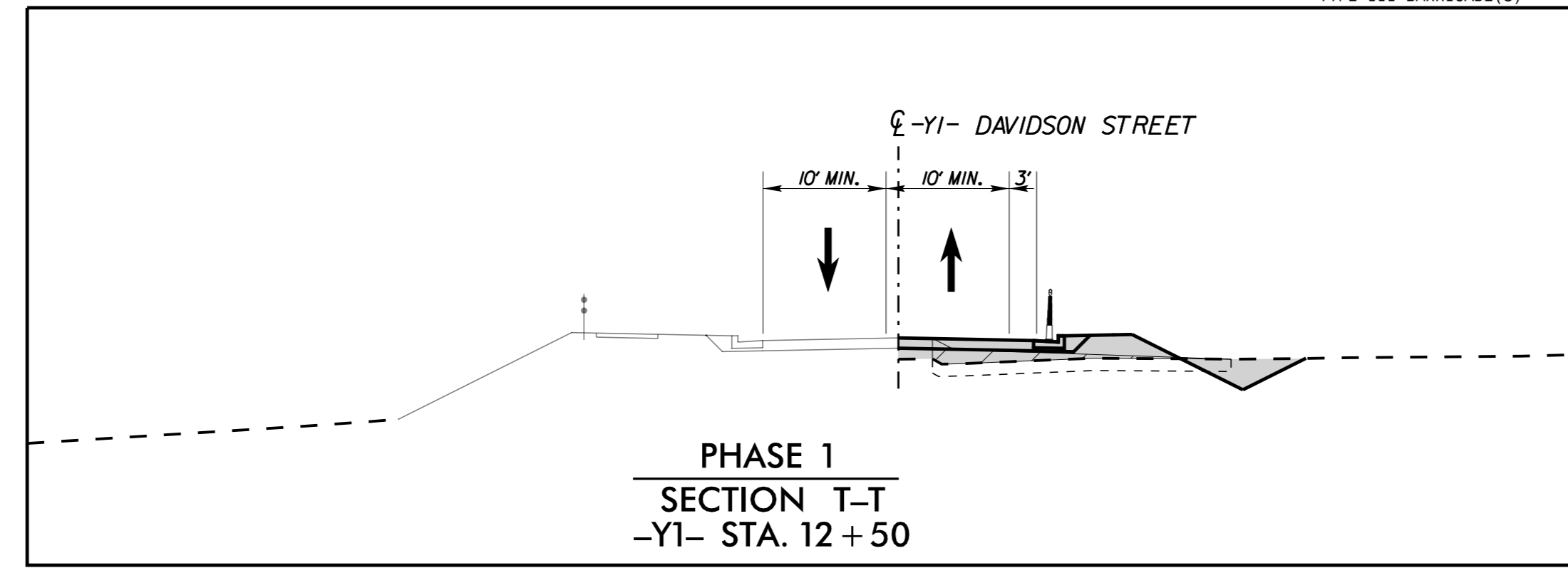
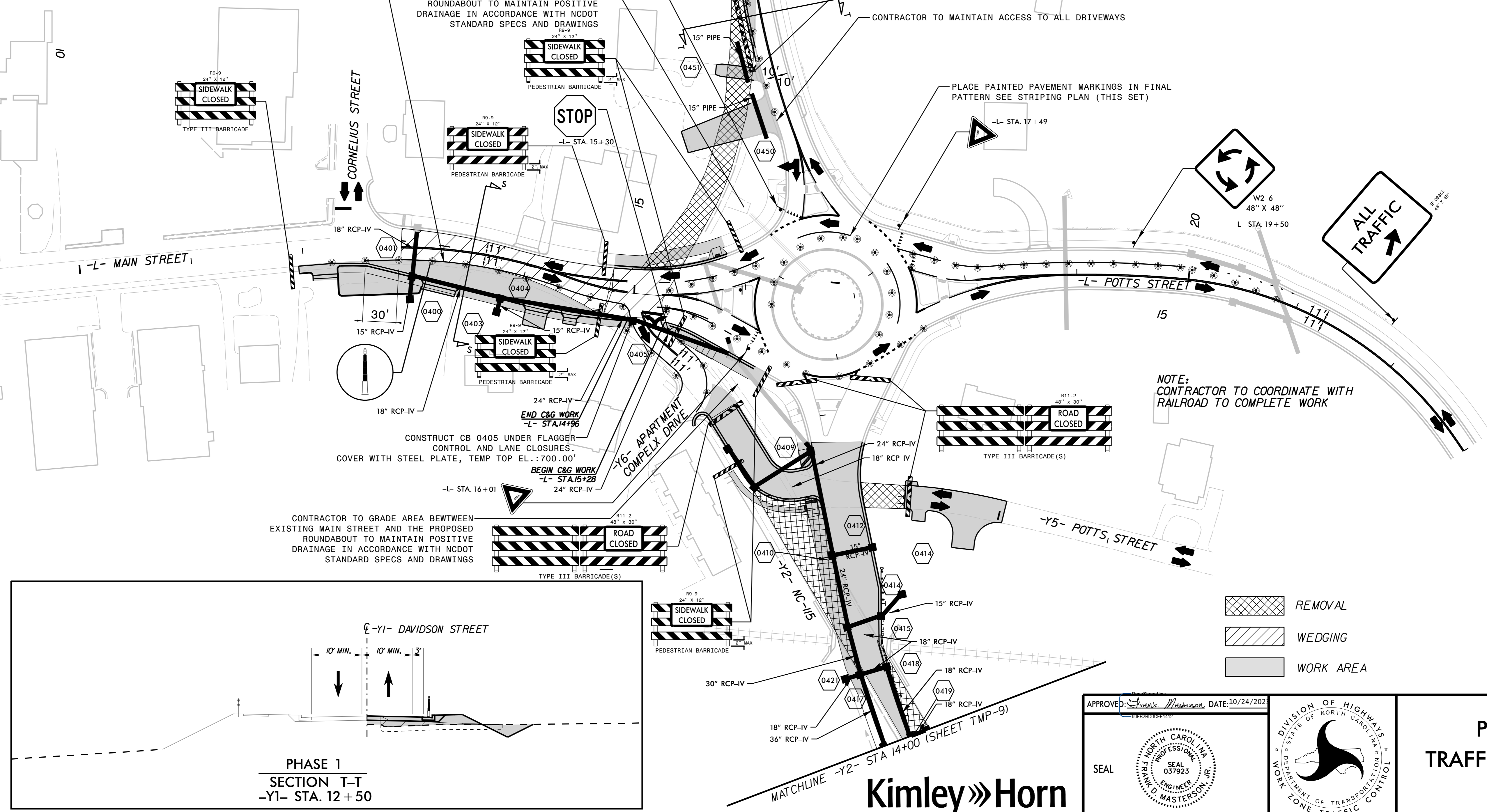
CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE AND ACCESS TO THE LAKE NORMAN YMCA VIA DAVIDSON STREET USING WEDGING, TEMPORARY LANE CLOSURE, AND FLAGGER CONTROL IN ACCORDANCE WITH NCDOT STD. DWG. 1101.02.

CONTRACTOR TO MAINTAIN ACCESS TO ALL DRIVEWAYS

CONTRACTOR TO MAINTAIN ACCESS TO ALL DRIVEWAYS

PLACE PAINTED PAVEMENT MARKINGS IN FINAL PATTERN SEE STRIPING PLAN (THIS SET)

NOTE: CONTRACTOR TO COORDINATE WITH RAILROAD TO COMPLETE WORK

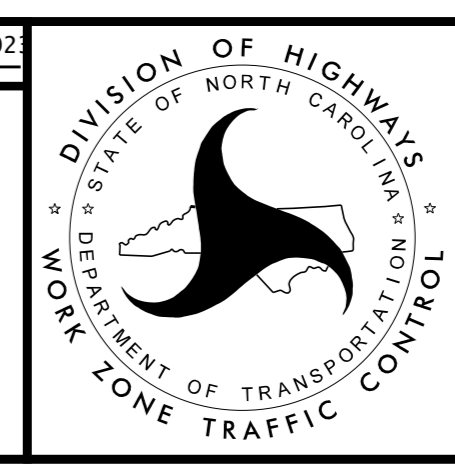


CONTRACTOR TO GRADE AREA BETWEEN EXISTING MAIN STREET AND THE PROPOSED ROUNDABOUT TO MAINTAIN POSITIVE DRAINAGE IN ACCORDANCE WITH NCDOT STANDARD SPECS AND DRAWINGS

CONSTRUCT CB 0405 UNDER FLAGGER CONTROL AND LANE CLOSURES. COVER WITH STEEL PLATE, TEMP TOP EL.: 700.00'

- REMOVAL
- WEDGING
- WORK AREA

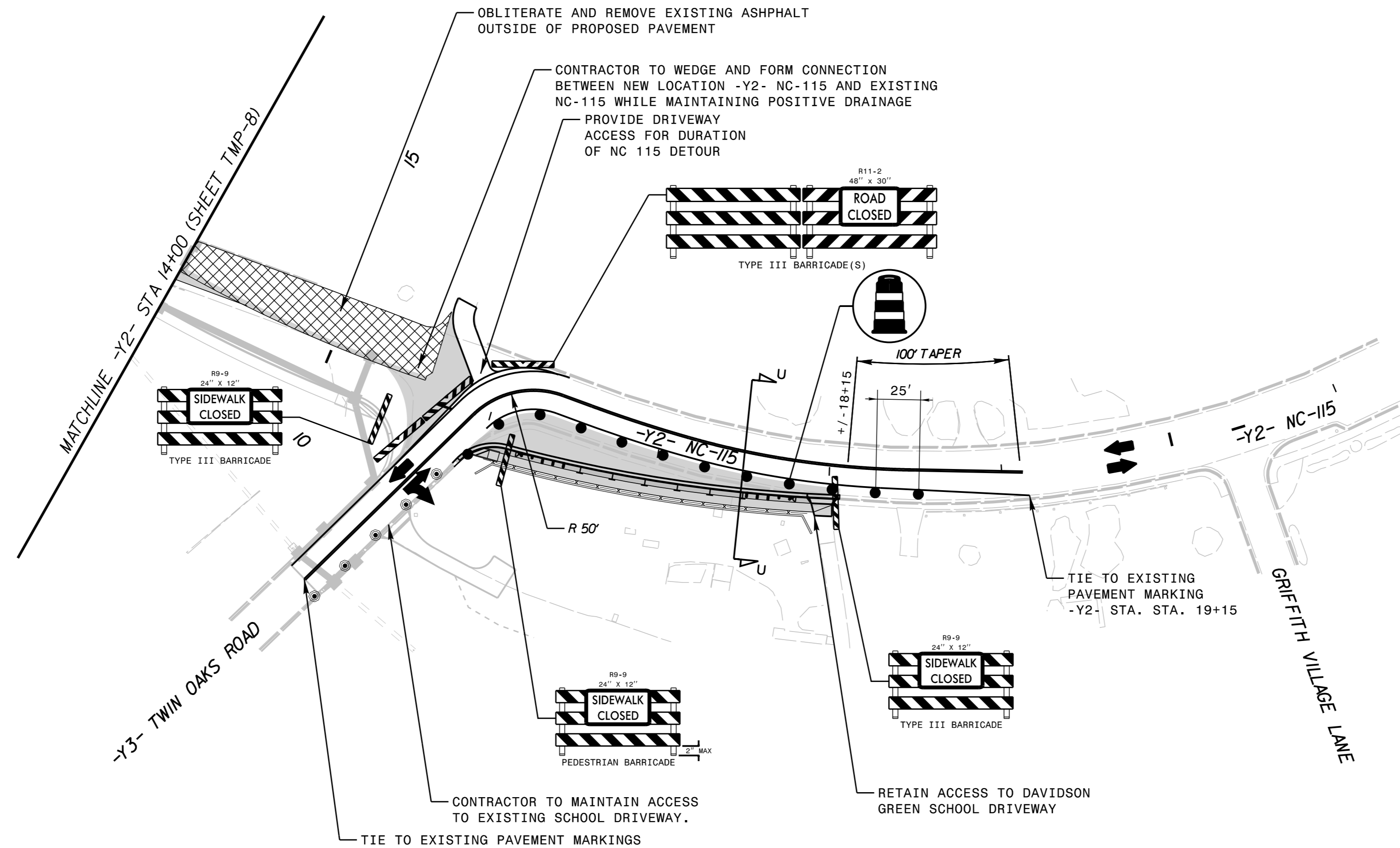
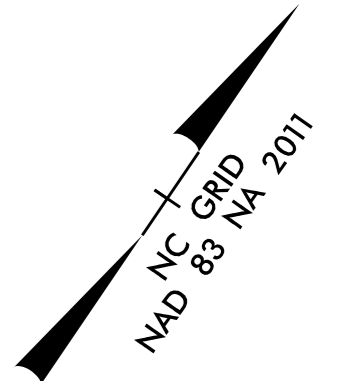
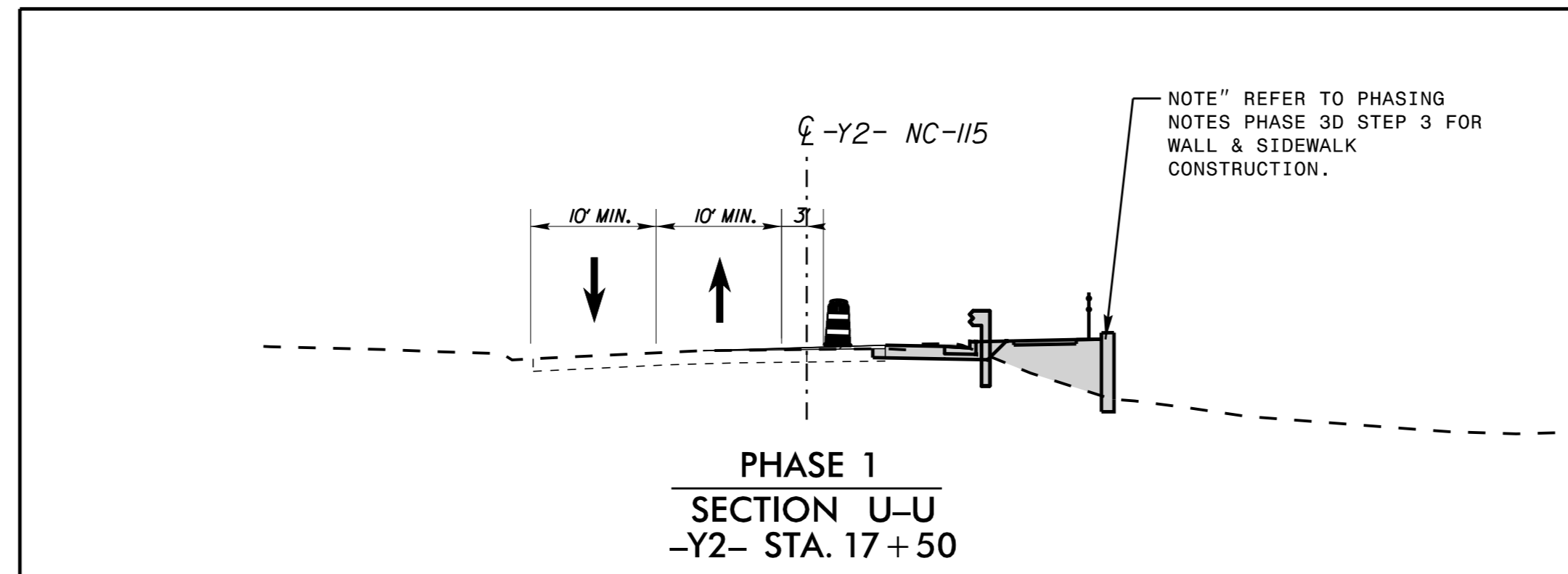
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**PHASE 1D
 TRAFFIC CONTROL
 DETAILS**



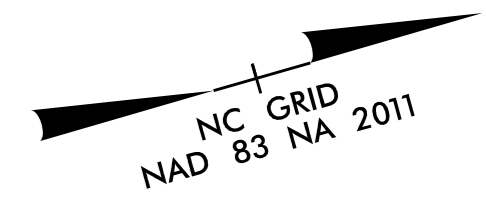
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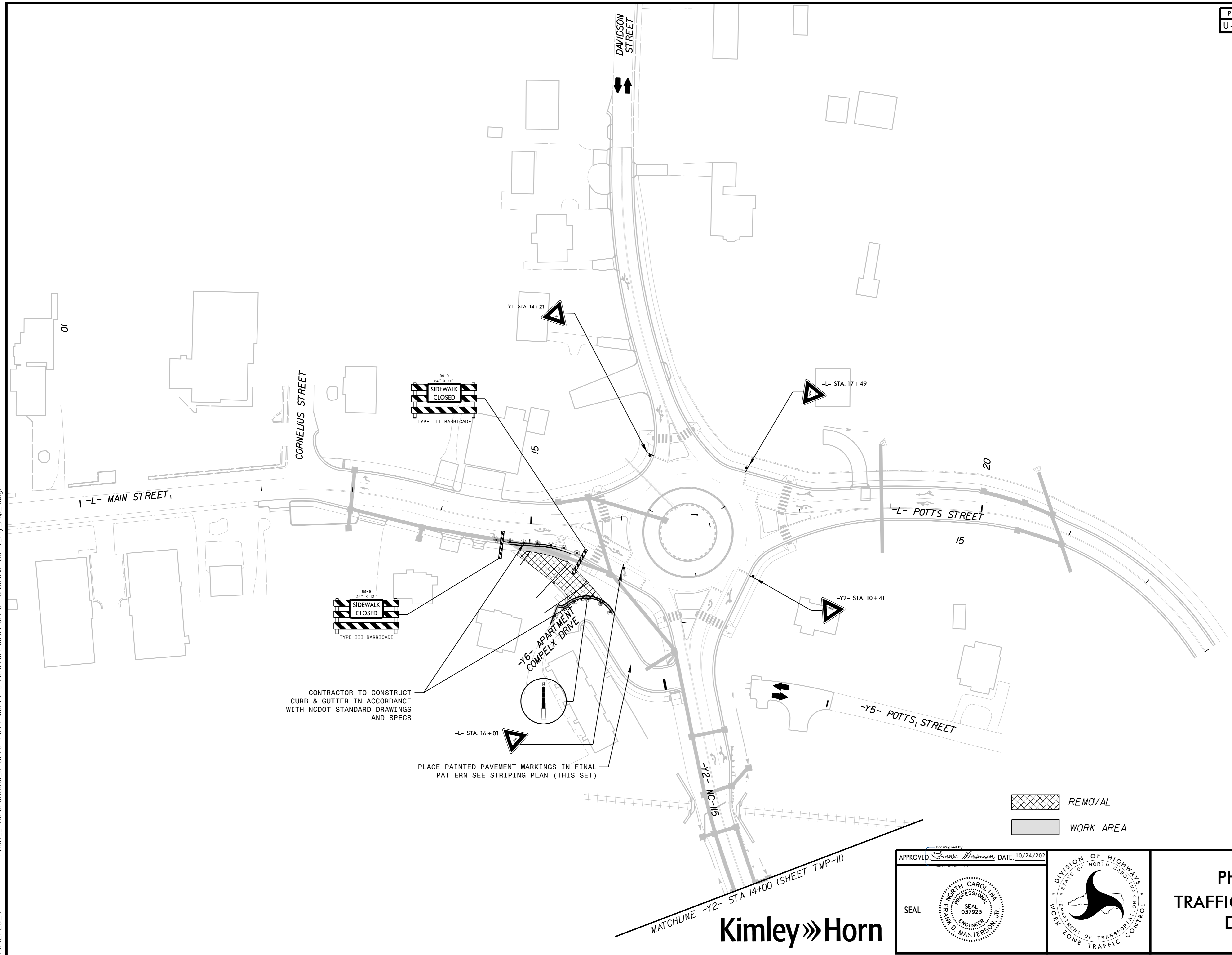
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CONTRACTOR TO CONSTRUCT CURB & GUTTER IN ACCORDANCE WITH NCDOT STANDARD DRAWINGS AND SPECS

PLACE PAINTED PAVEMENT MARKINGS IN FINAL PATTERN SEE STRIPING PLAN (THIS SET)

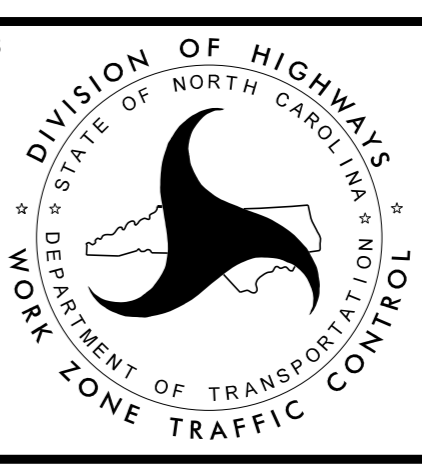
 REMOVAL
 WORK AREA

MATCHLINE -Y2- STA 14+00 (SHEET TMP-11)

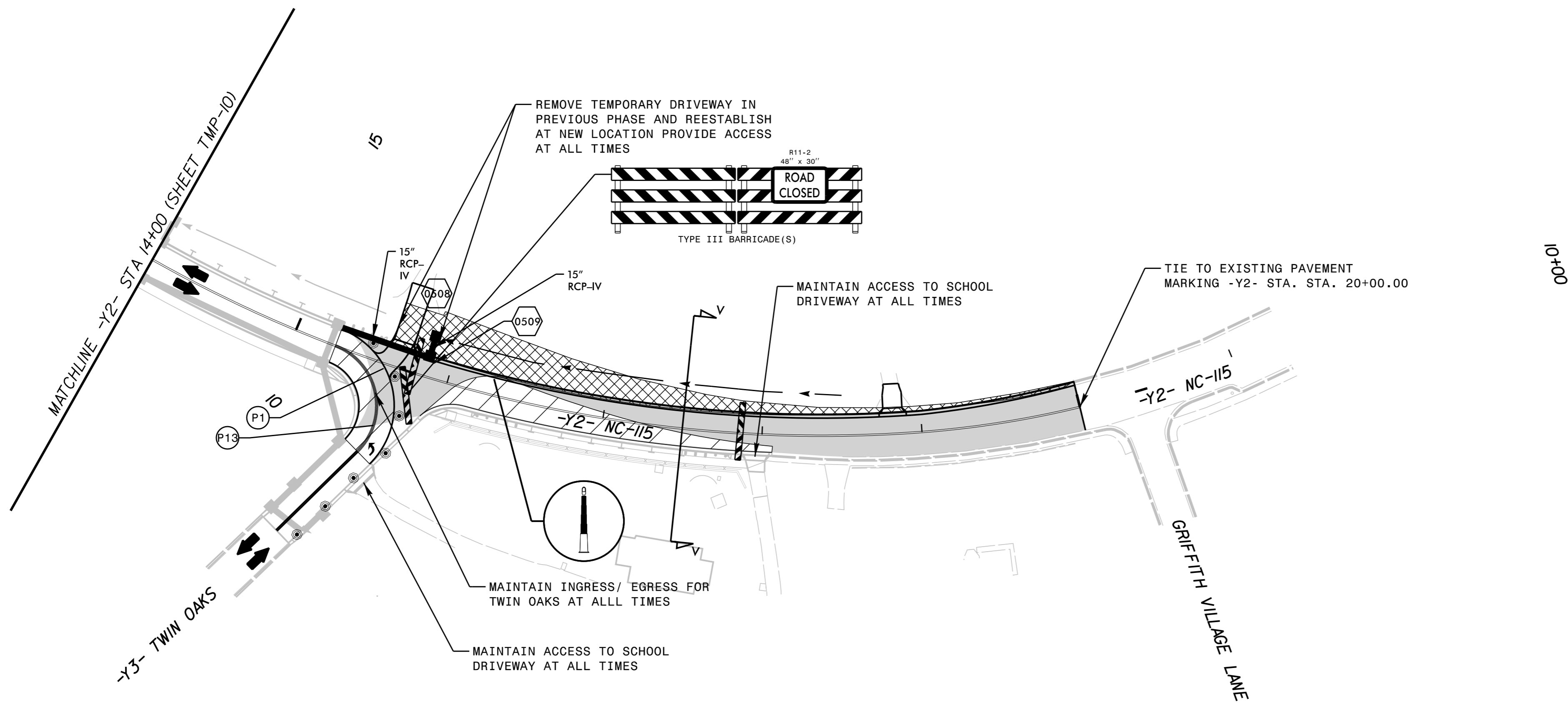
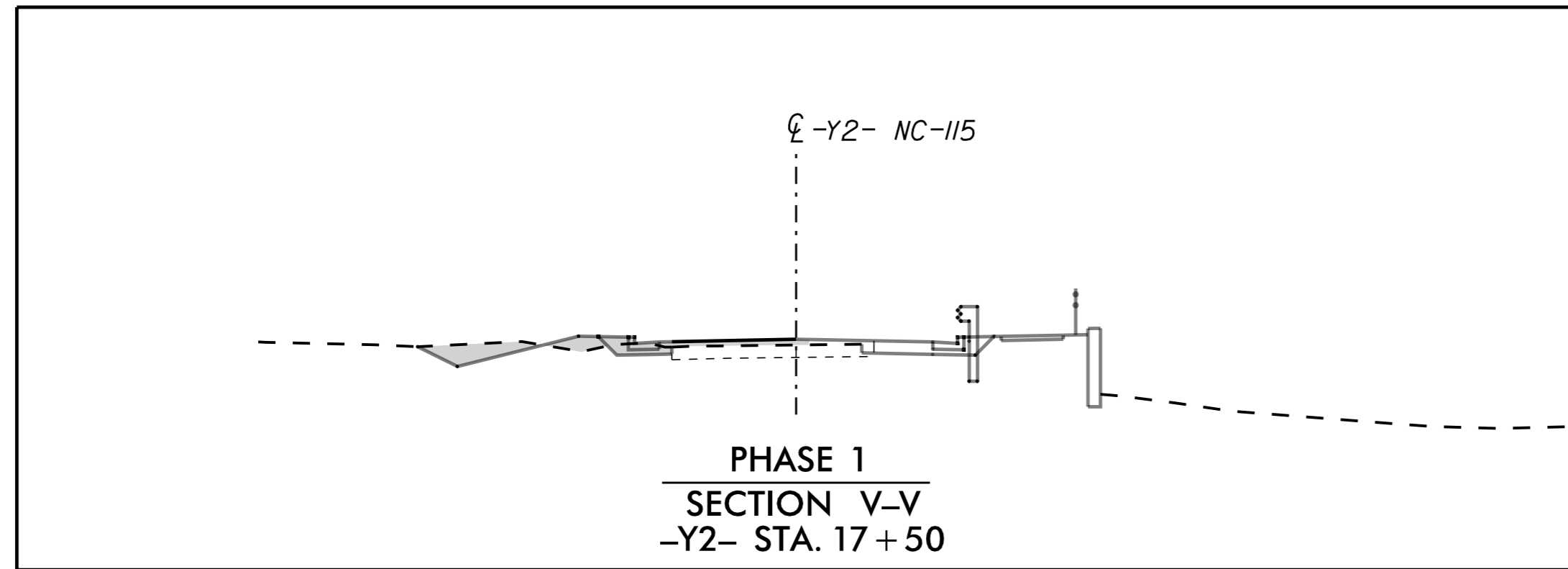
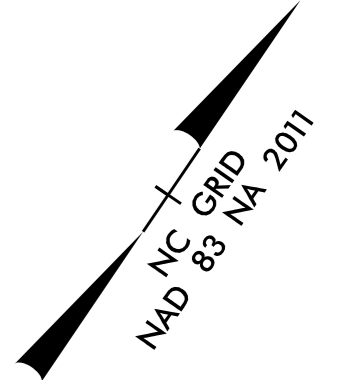


APPROVED: *Frank W. Masterson* DATE: 10/24/2023

SEAL



**PHASE 1E
TRAFFIC CONTROL
DETAILS**



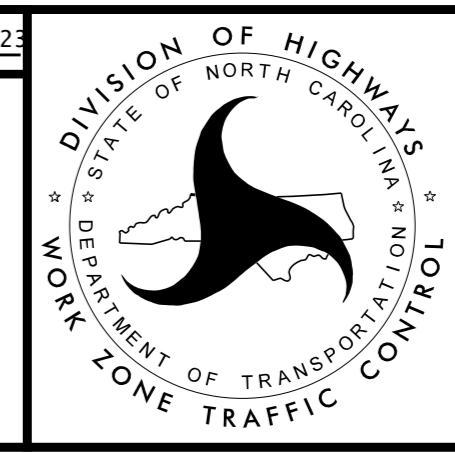
- REMOVAL
- WEDGING
- WORK AREA

10/12/2023 K:\CHL\PRJ\01036361\U-5873 Potts-Main\TrafficControl\CP\Sheets\U-5873_rdy_tmp_11.dgn

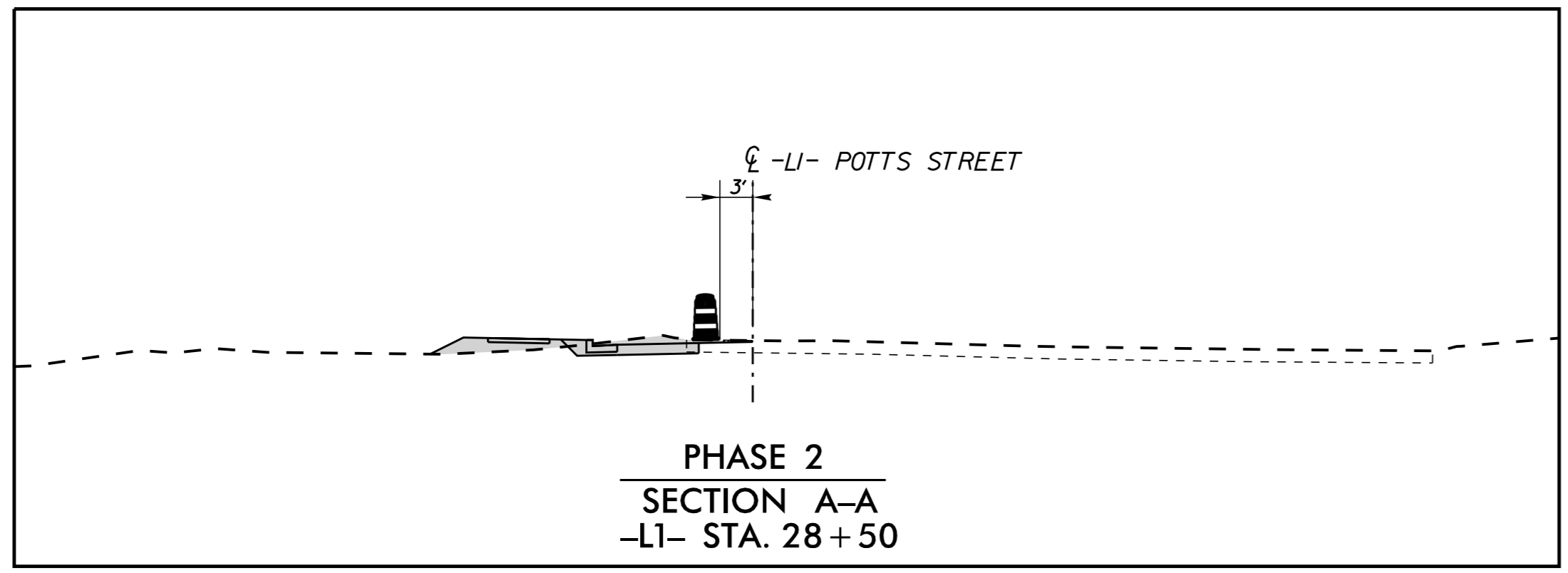
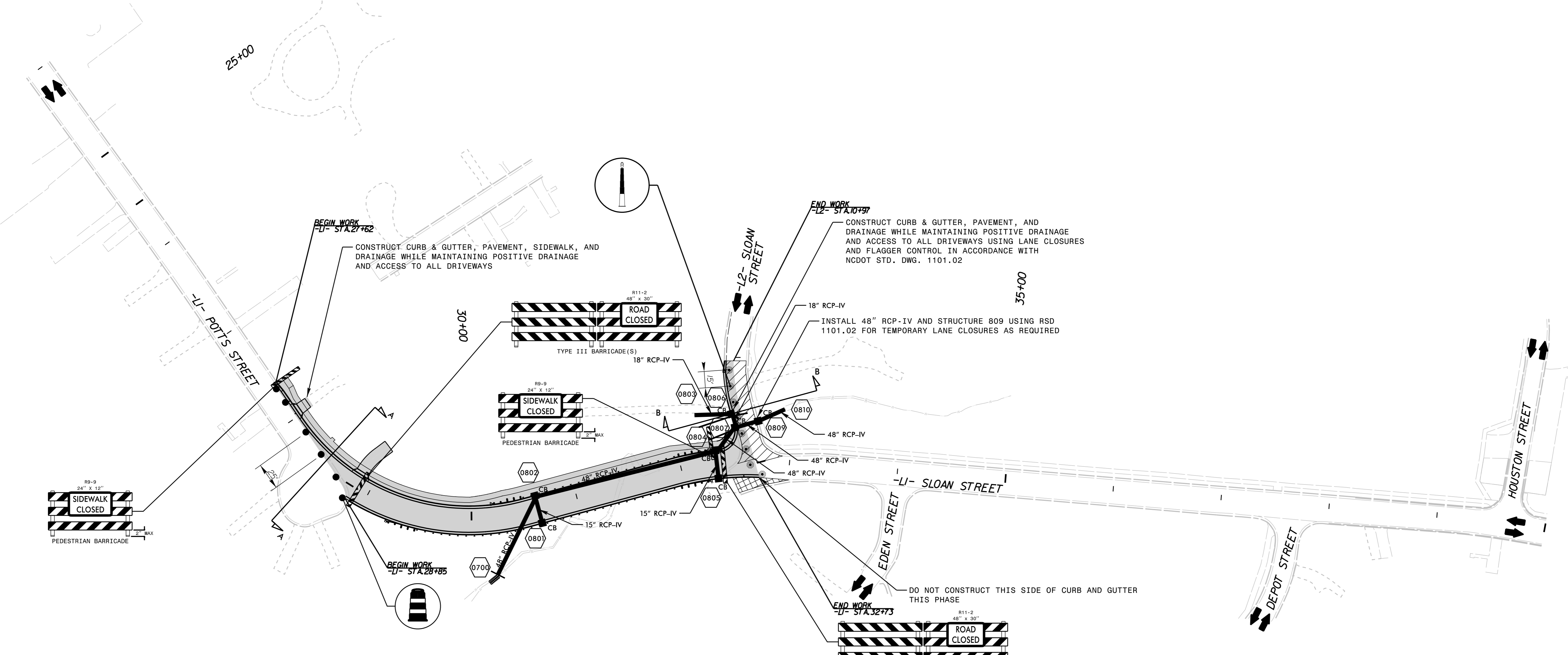
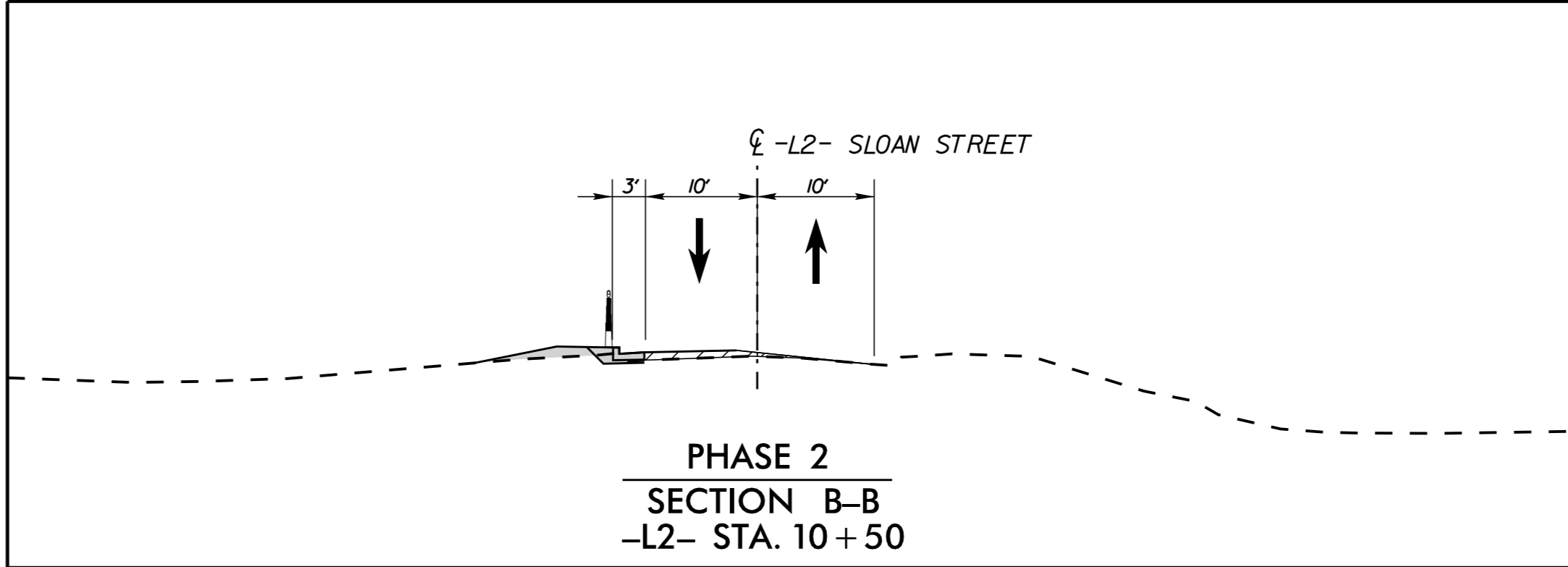
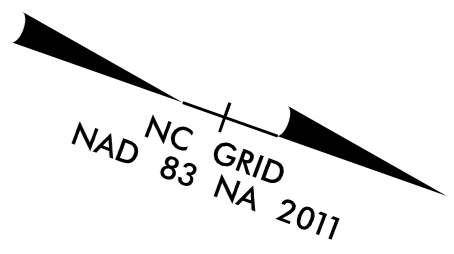


APPROVED: DATE: 10/24/2023

SEAL:



**PHASE 1E
TRAFFIC CONTROL
DETAILS**

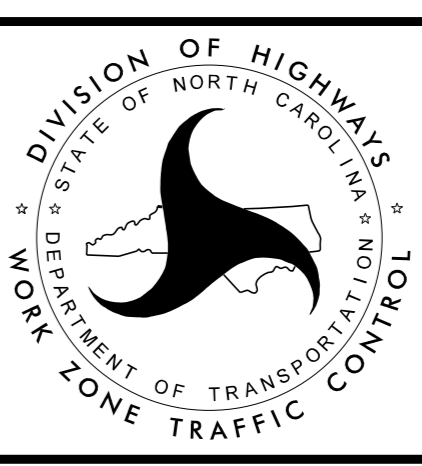


- REMOVAL
- WEDGING
- WORK AREA

Kimley»Horn

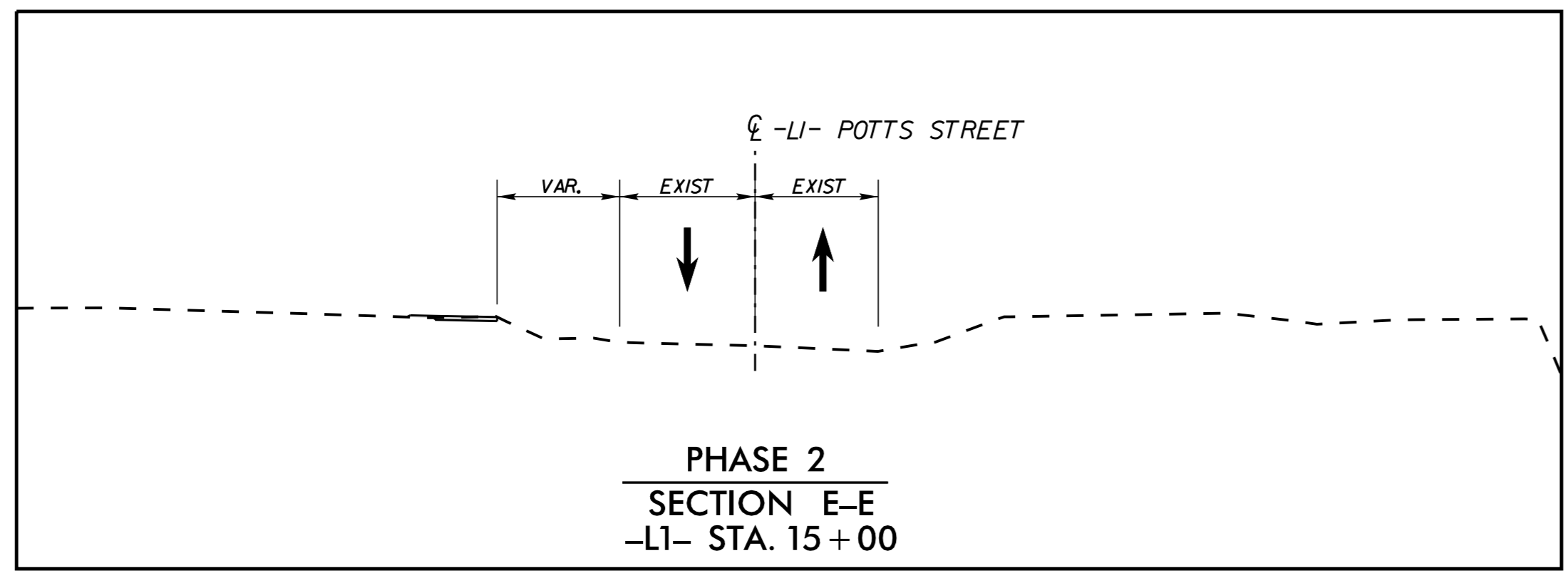
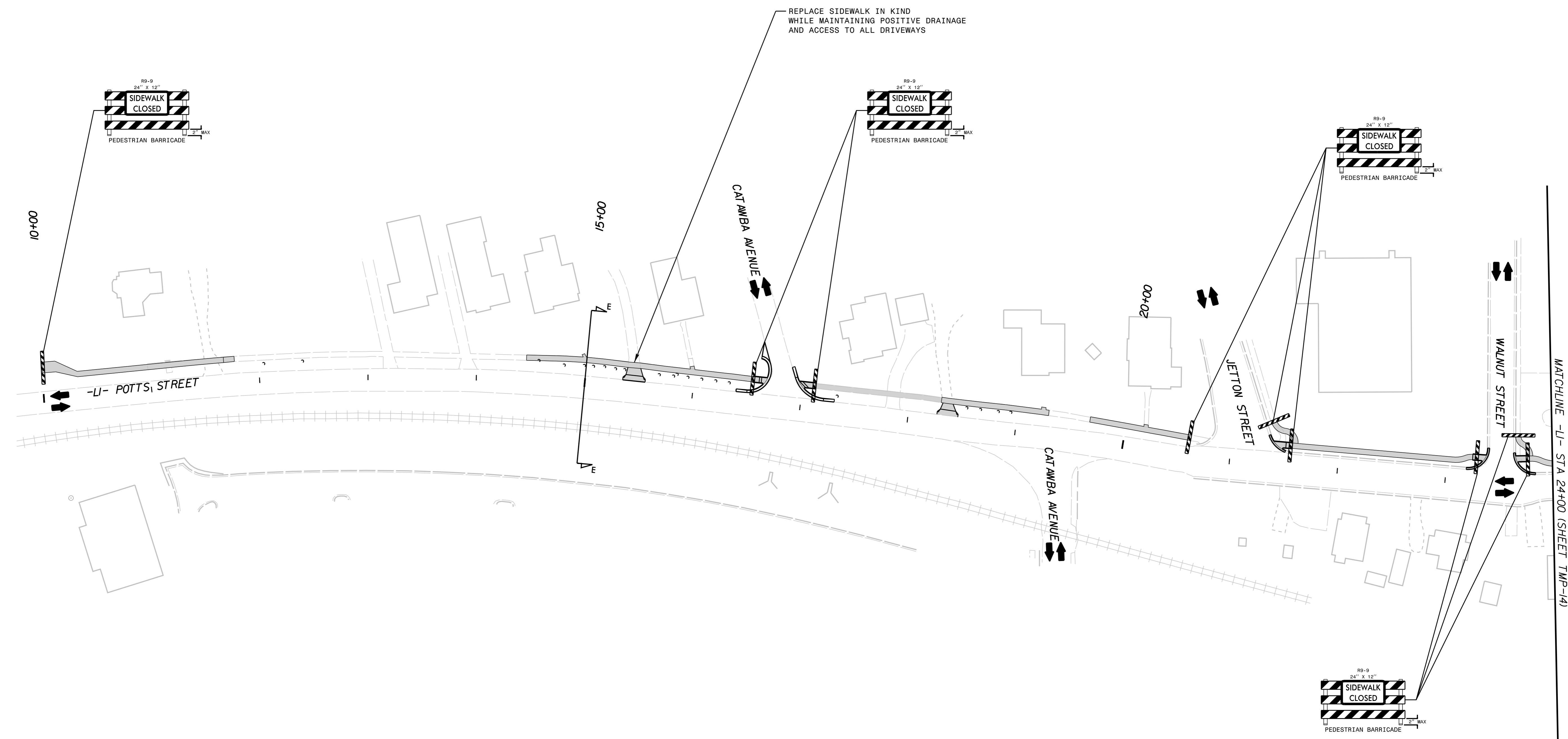
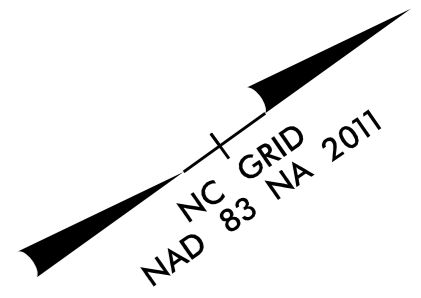
APPROVED: *Frank W. Masterson* DATE: 10/24/2023

SEAL



PHASE 2
TRAFFIC CONTROL
DETAILS

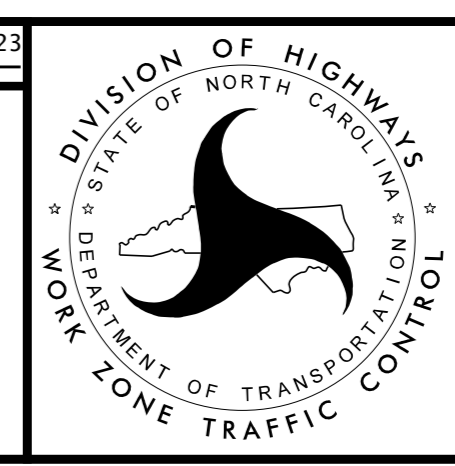
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WORK AREA

APPROVED: *Frankie Washburn* DATE: 10/24/2023

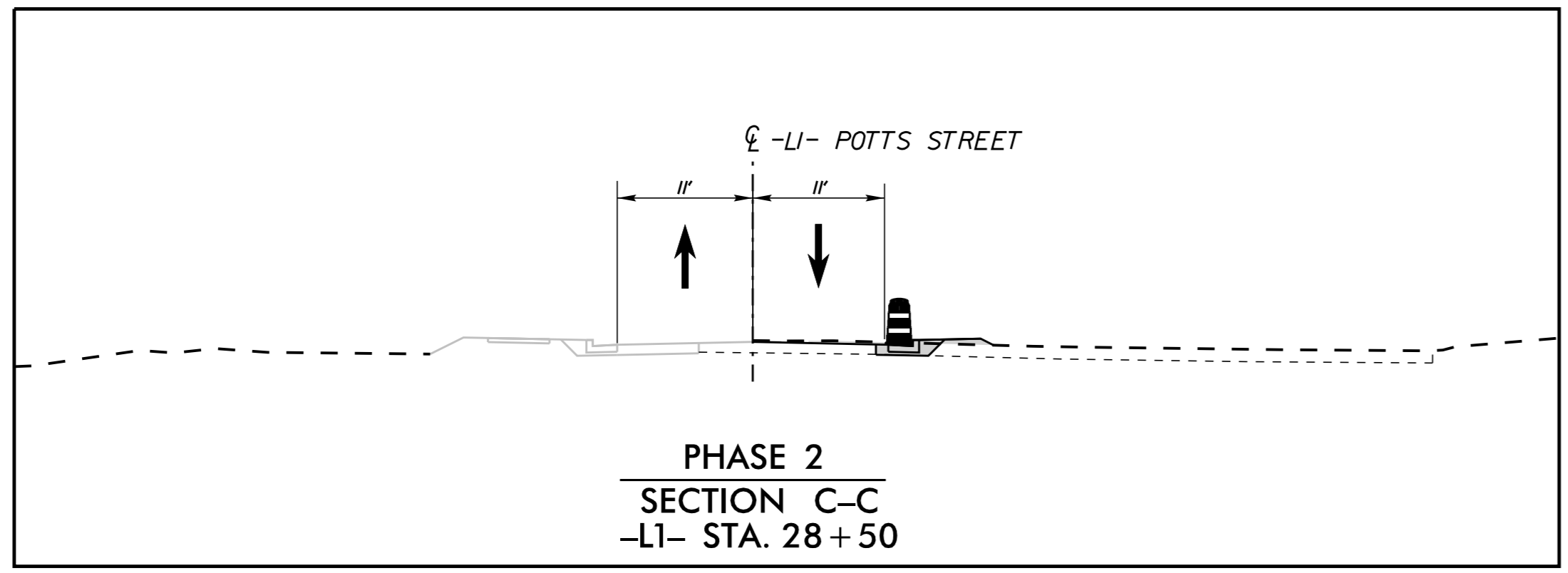
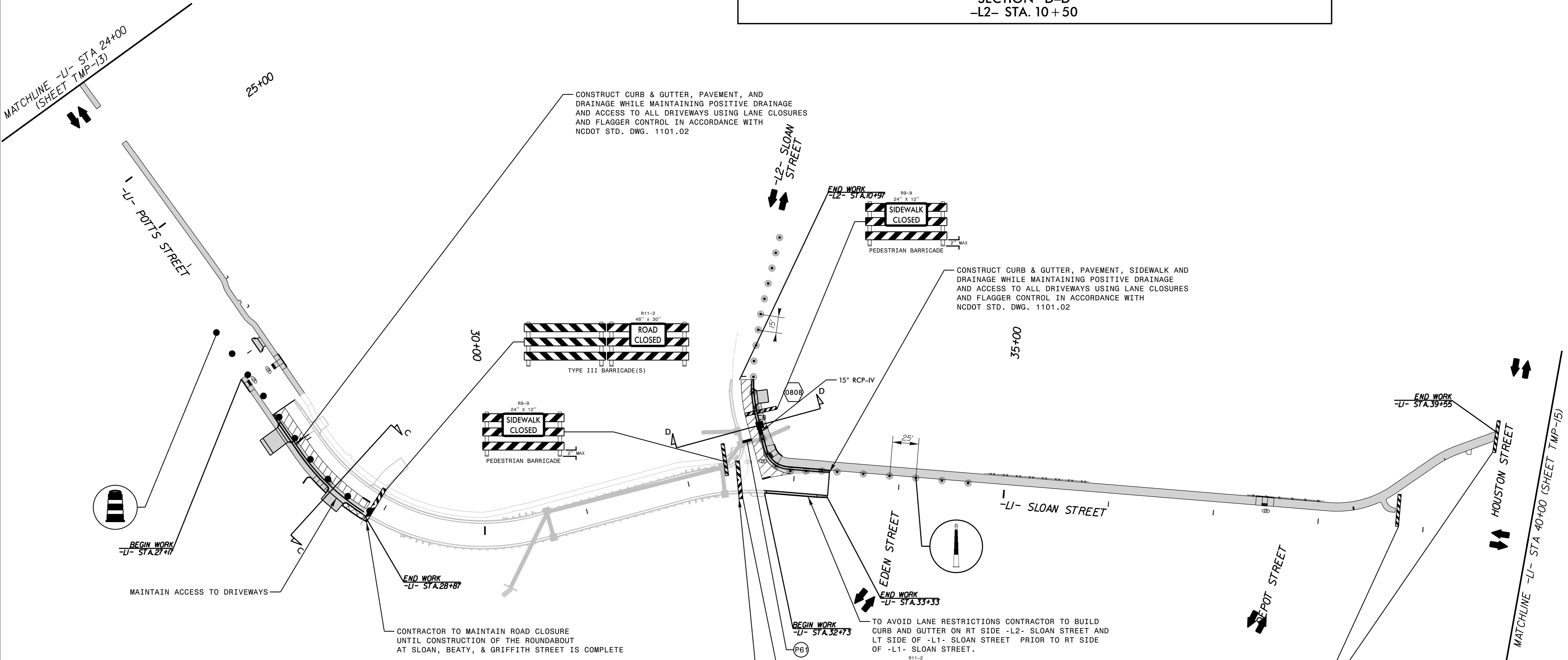
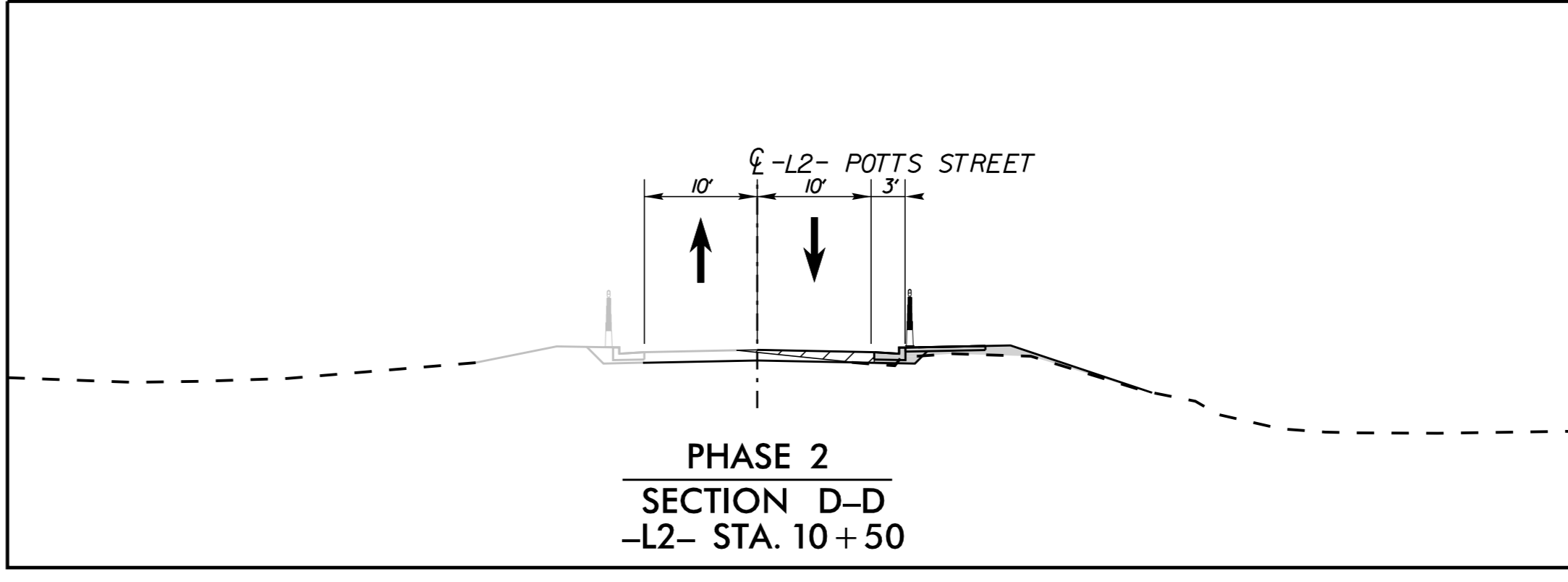
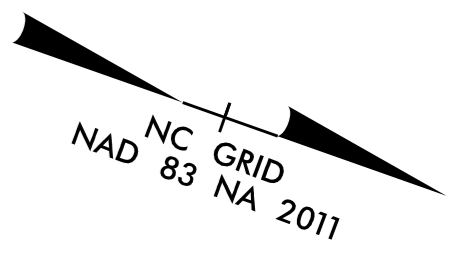
SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 037923 FRANKIE WASHBURN, JR.



**PHASE 2
TRAFFIC CONTROL
DETAILS**



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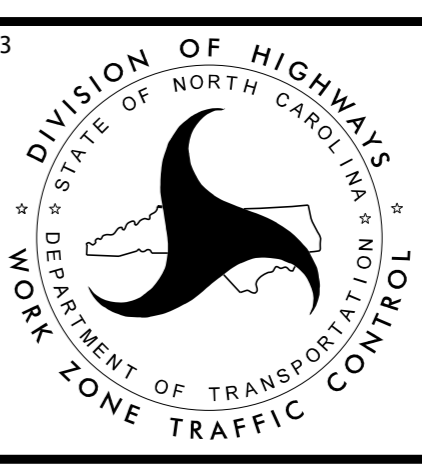


WEDGING
 WORK AREA

Kimley»Horn

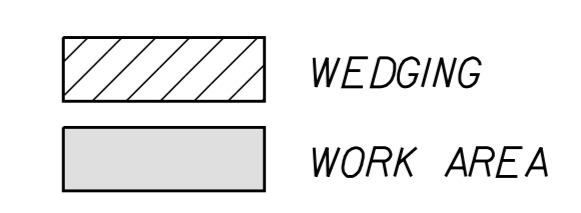
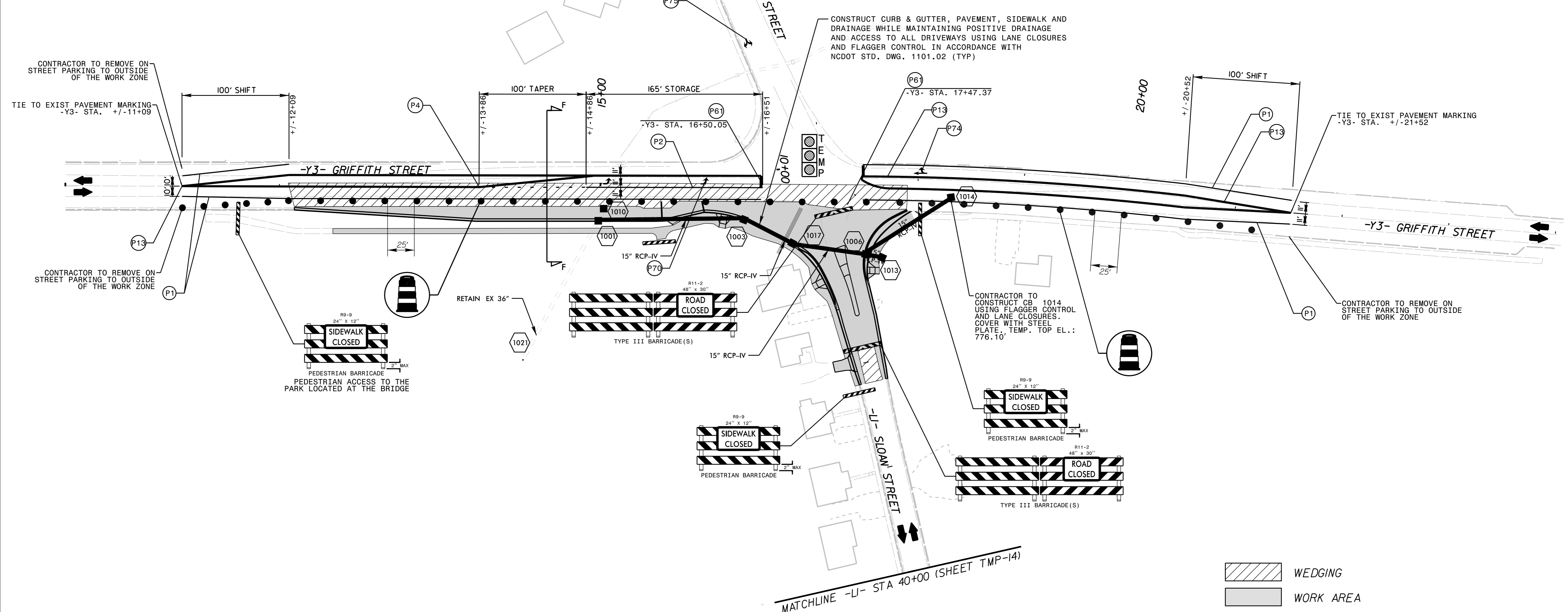
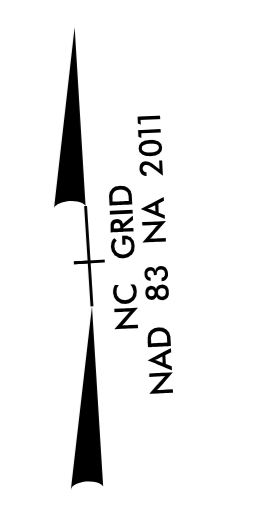
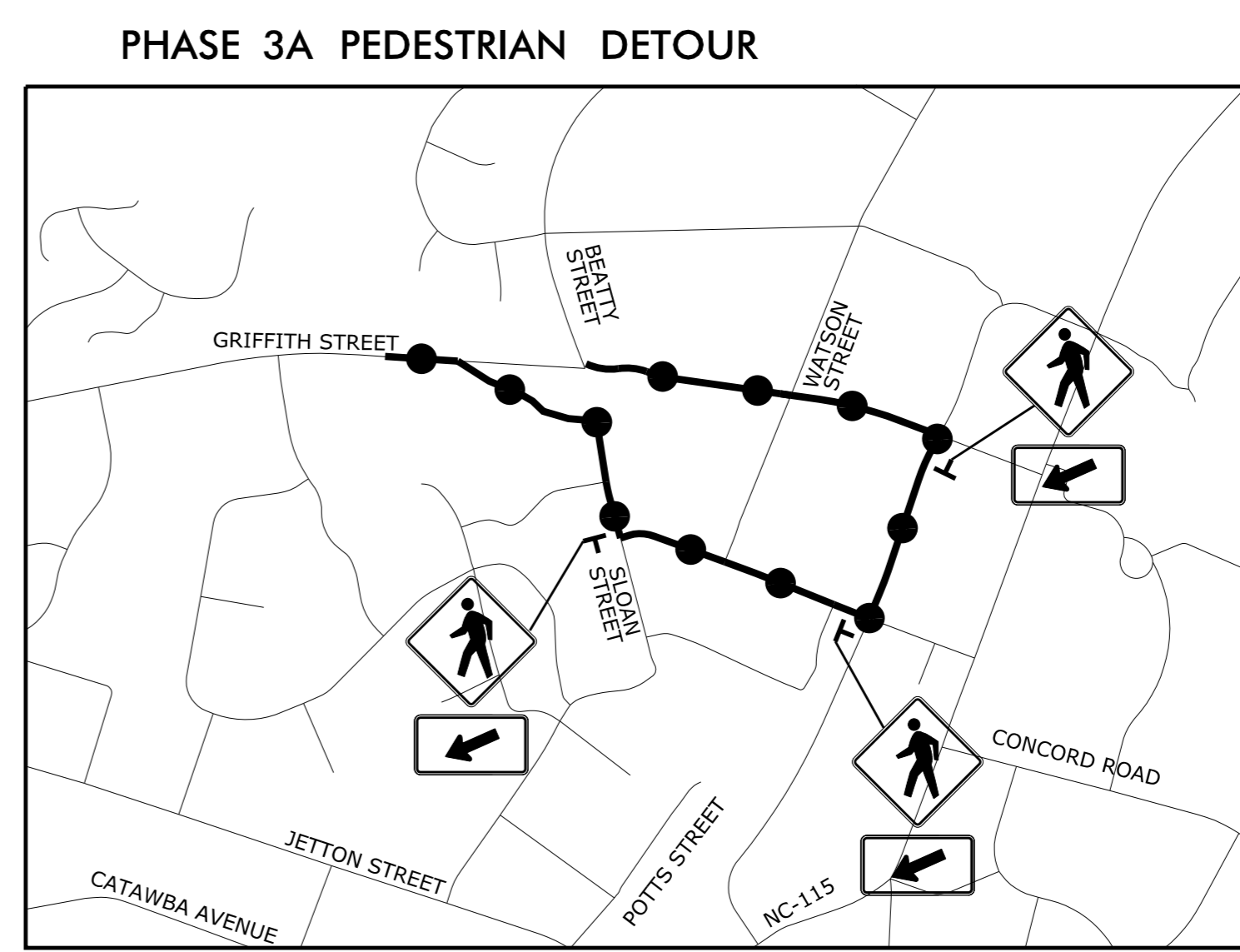
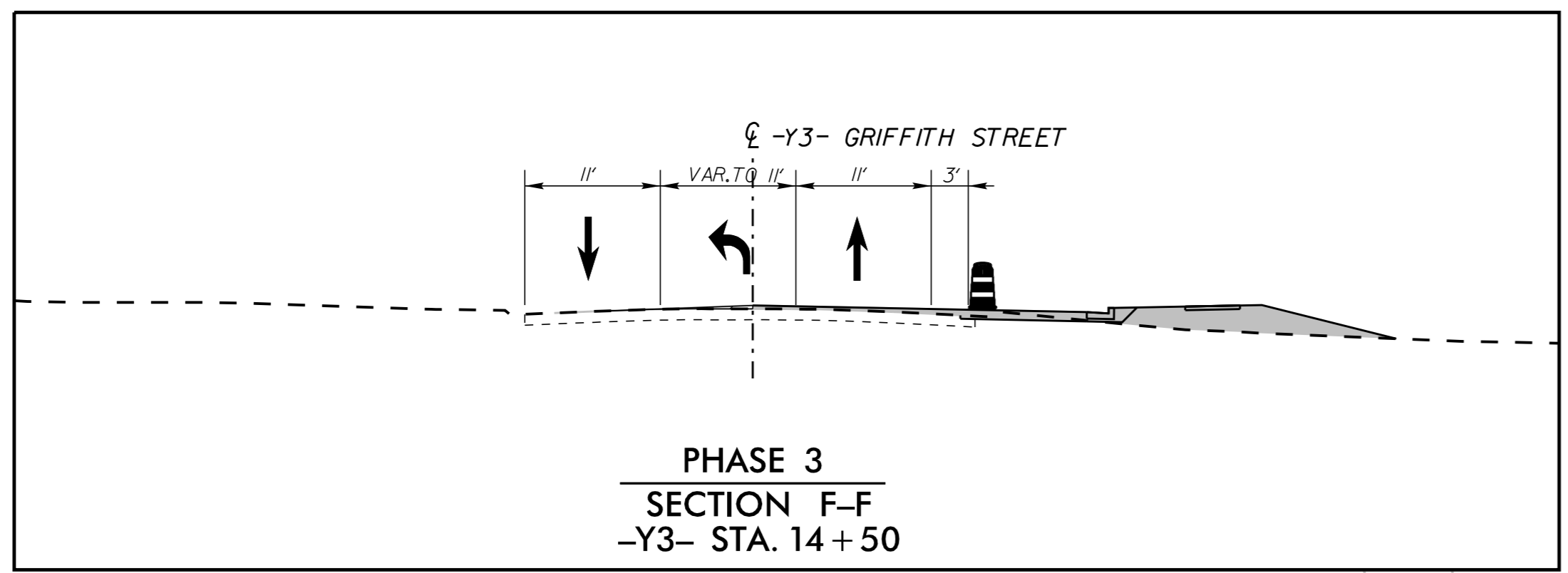
APPROVED: DATE: 10/24/2013

SEAL



PHASE 2
TRAFFIC CONTROL
DETAILS

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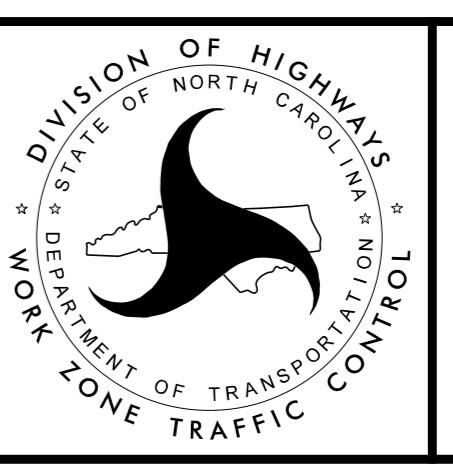


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Kimley»Horn

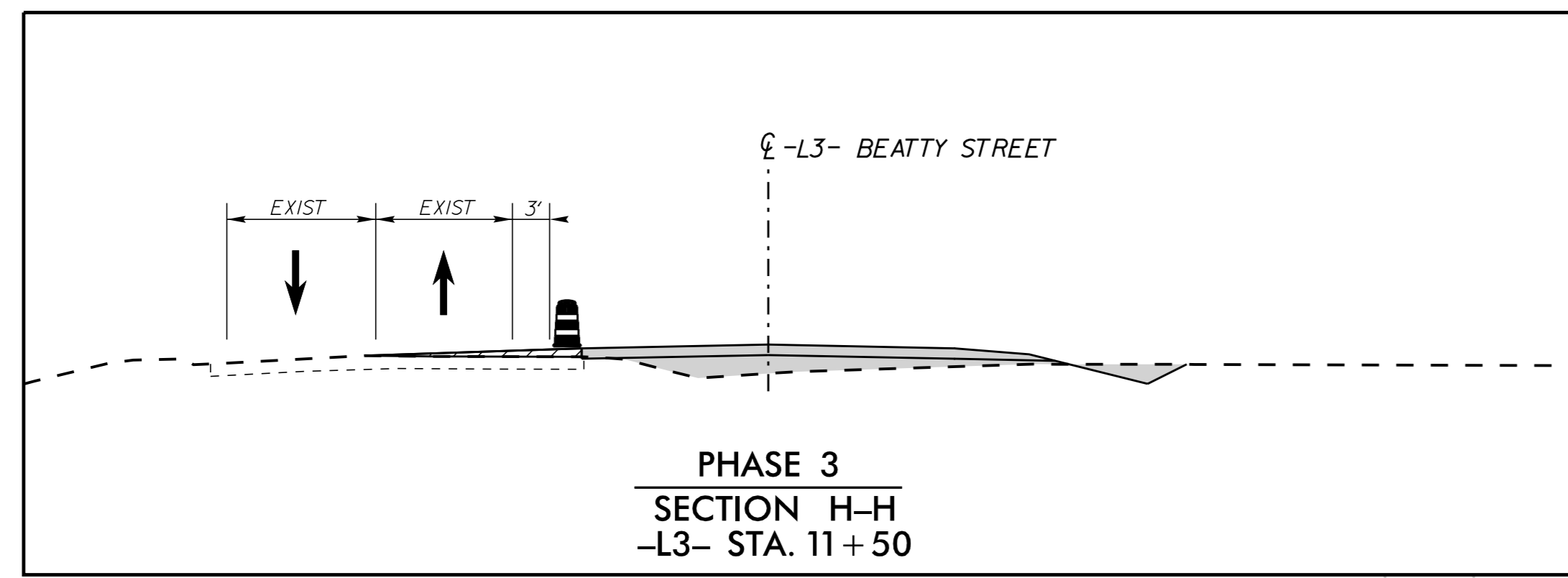
APPROVED: *[Signature]* DATE: 10/24/2023

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 037923 FRANK WASTEPSON, JR.

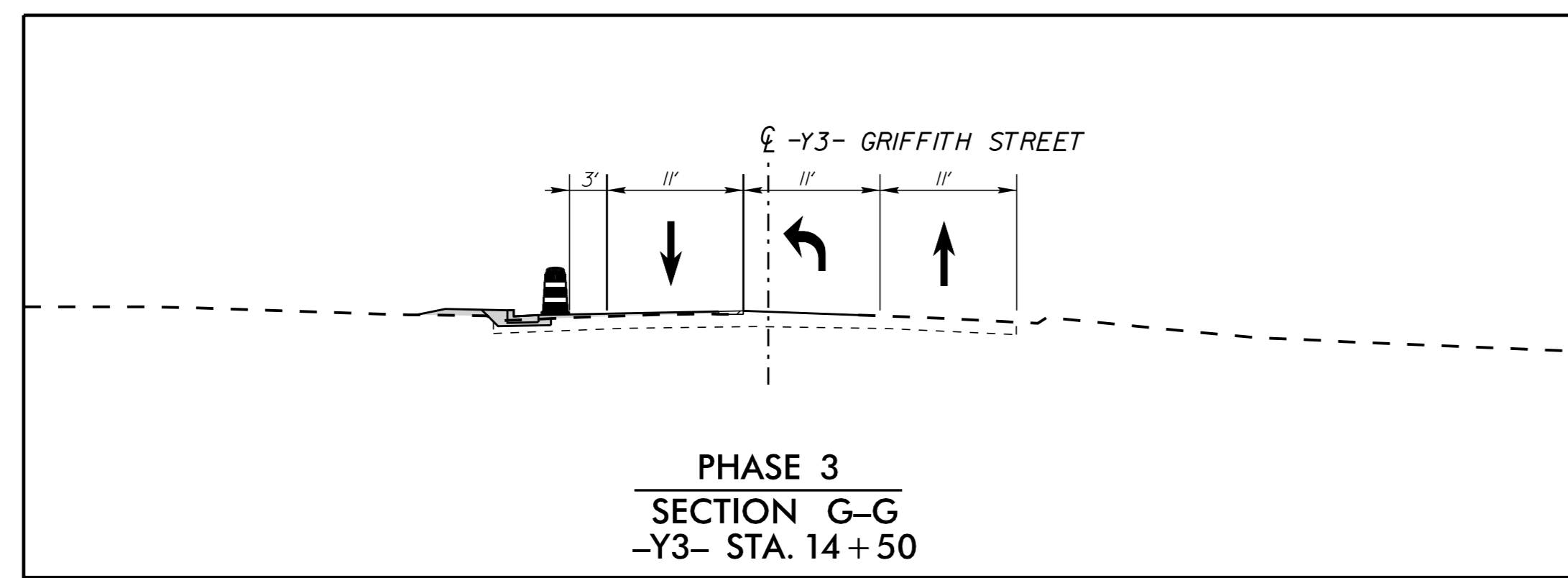
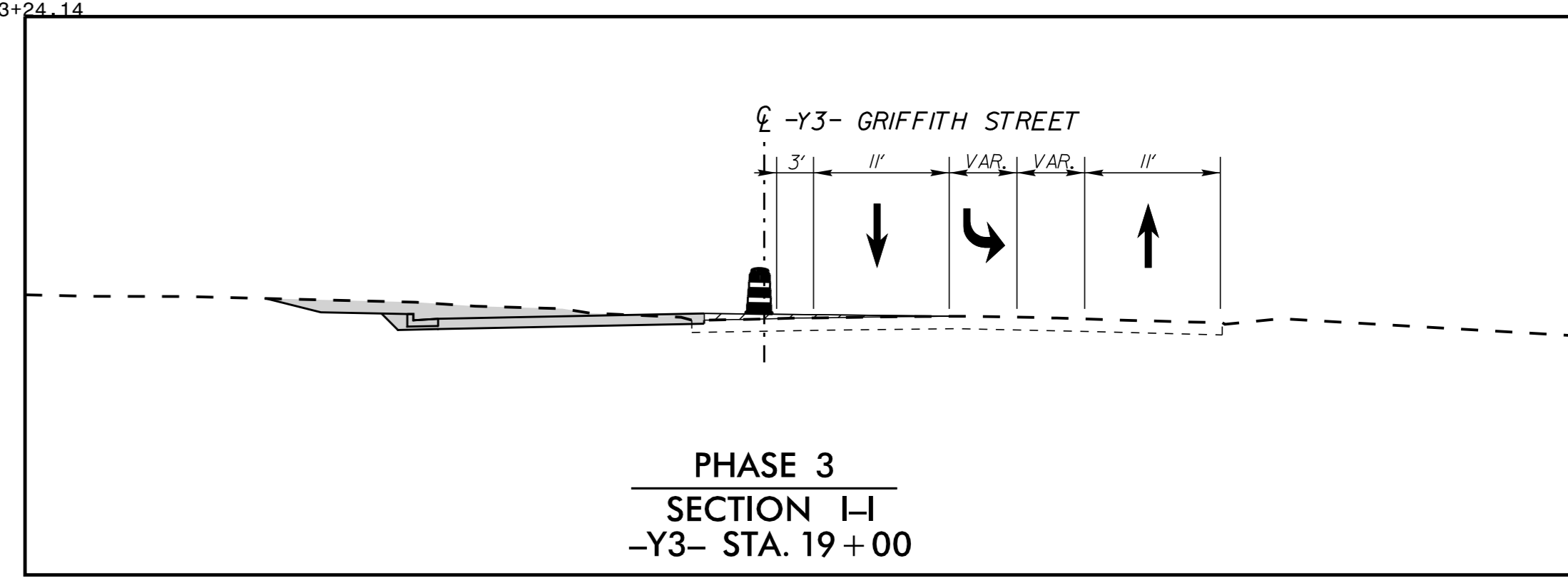
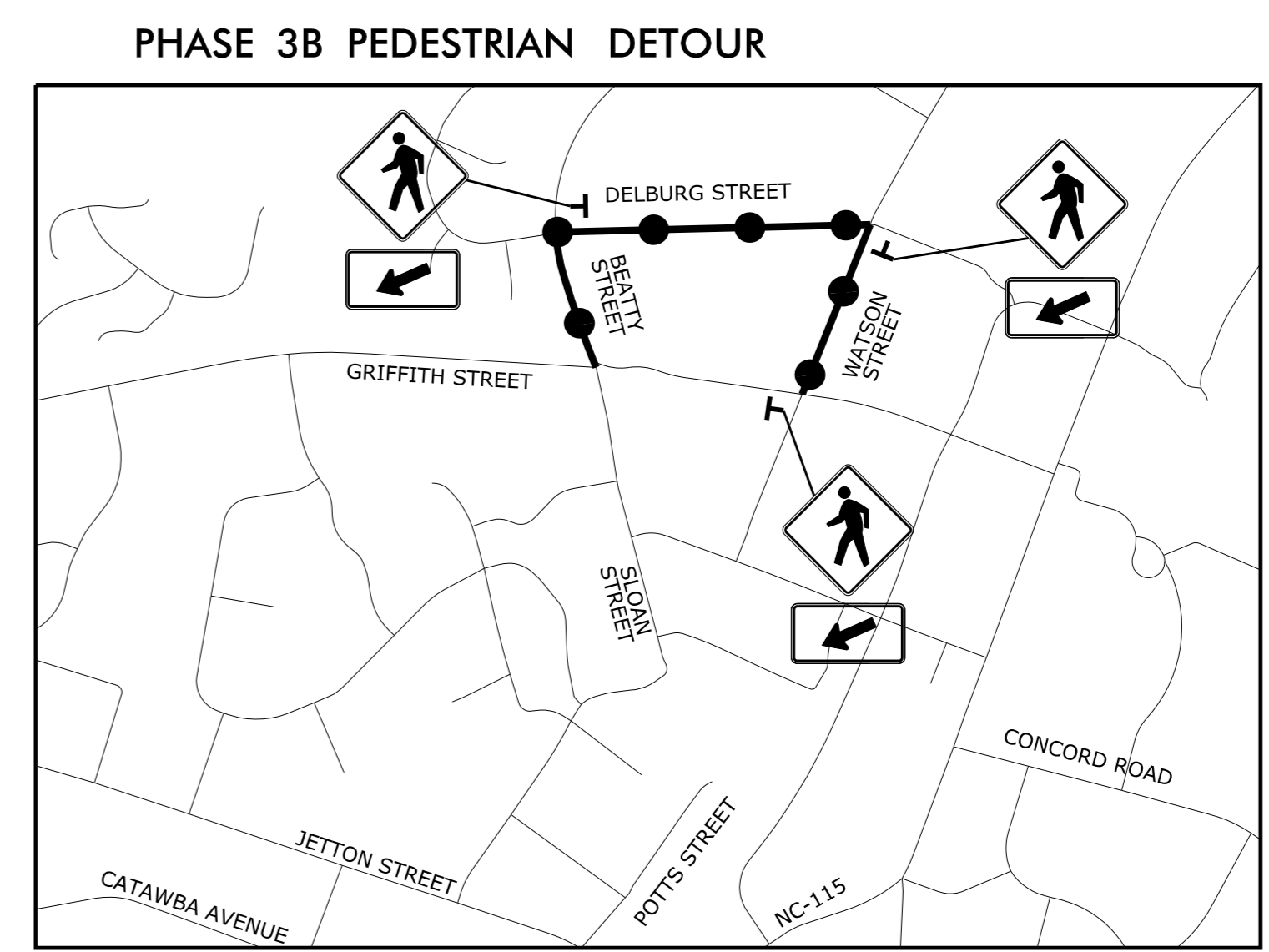
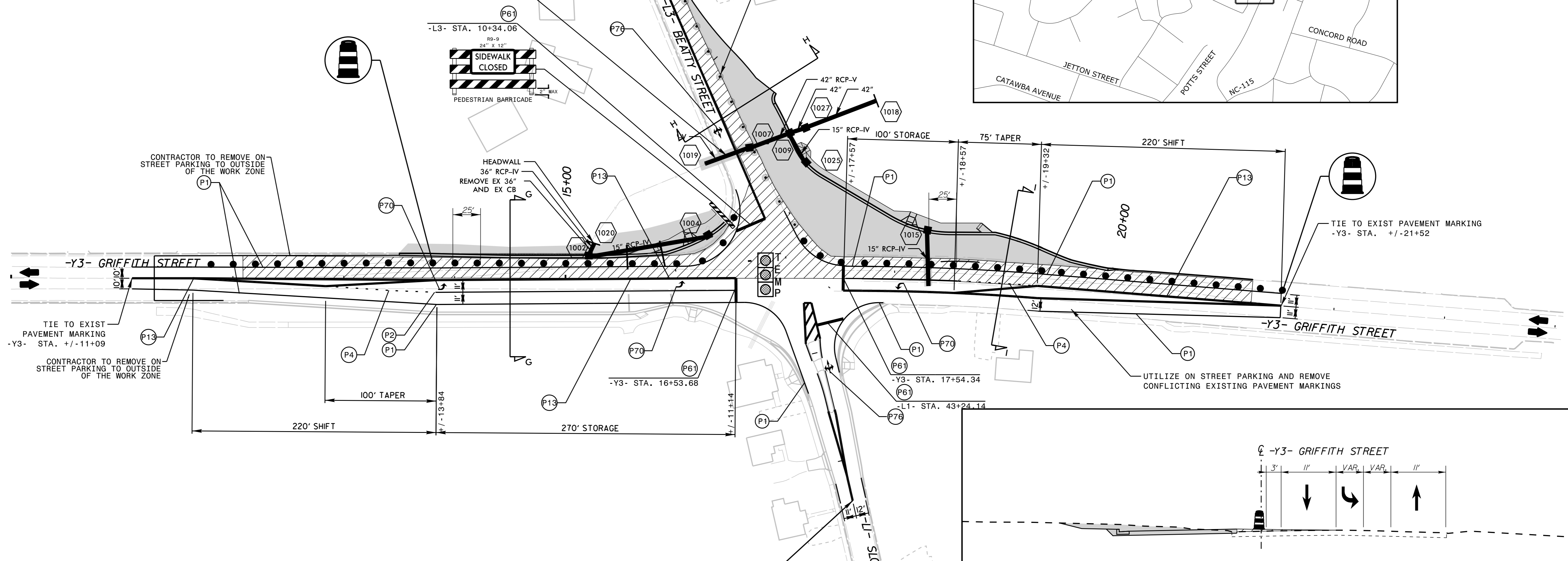


**PHASE 3A
TRAFFIC CONTROL
DETAILS**

NC GRID
NAD 83 NA 2011



CONSTRUCT STRUCTURES 1009, 1007, AND ASSOCIATED PIPE USING TEMPORARY LANE CLOSURE AND FLAGGER CONTROL IN ACCORDANCE WITH NCDOT STD. DWG. 1101.02



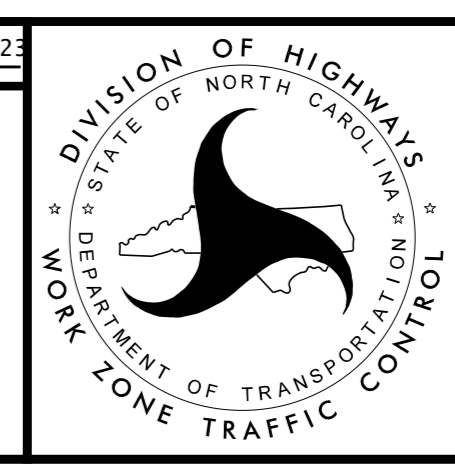
TIE TO EXIST PAVEMENT MARKING
-L1- STA. +/-41+63

WEDGING
WORK AREA

Kimley»Horn

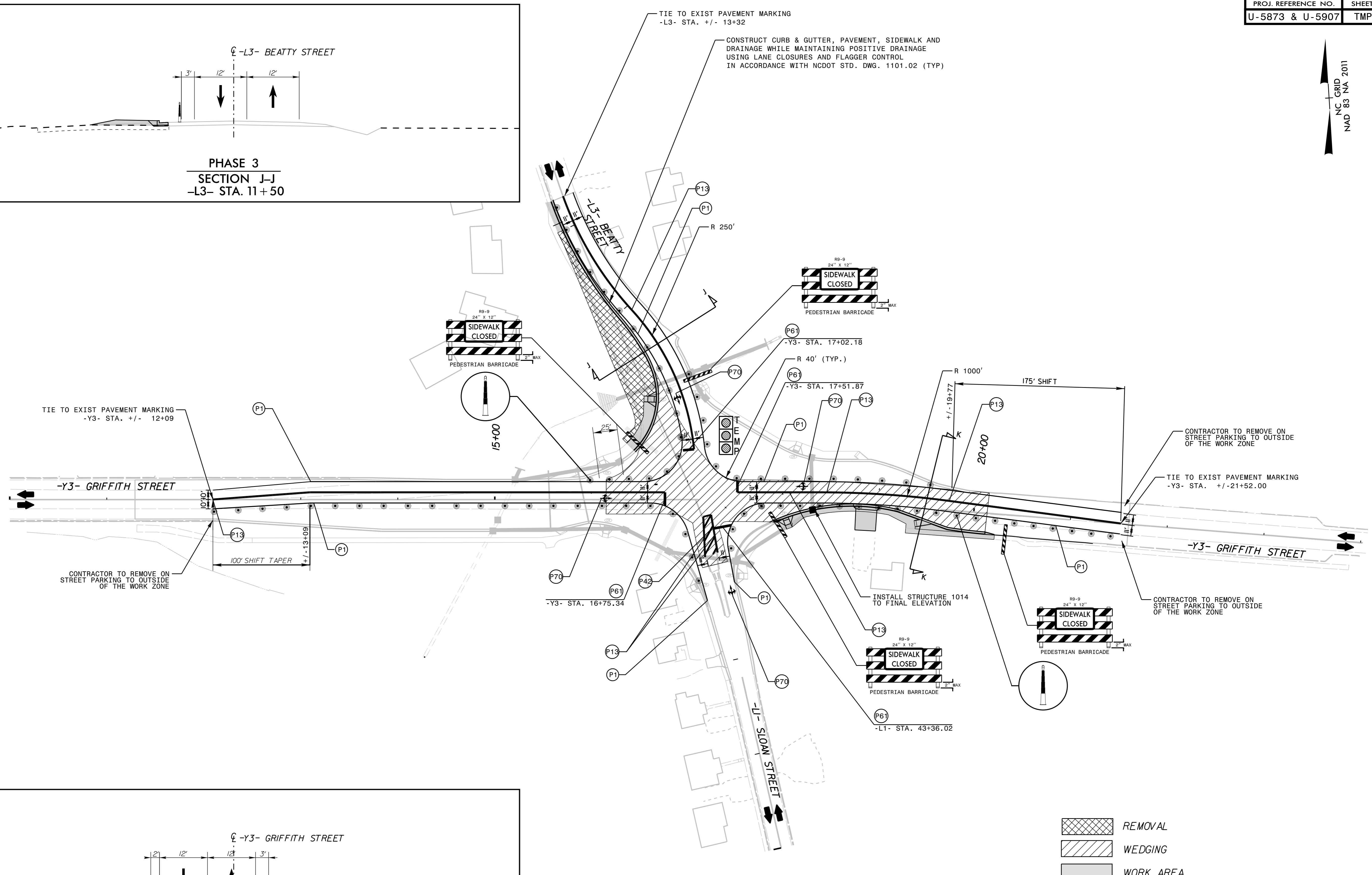
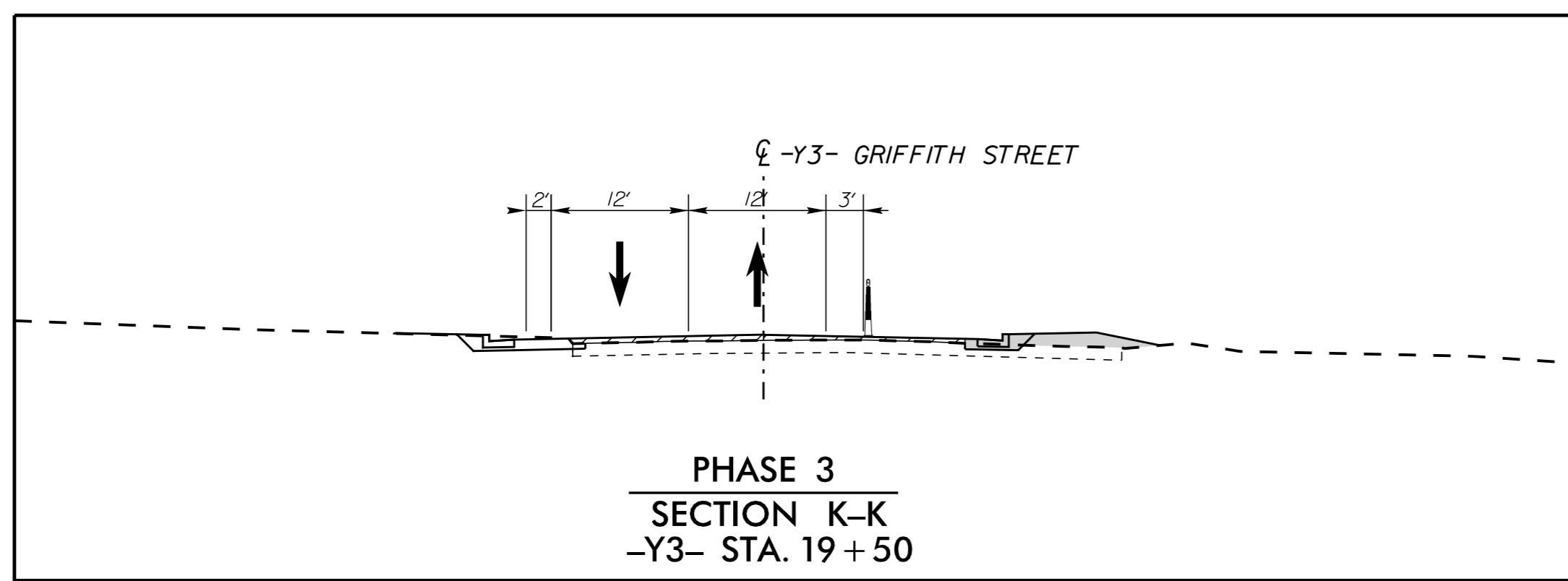
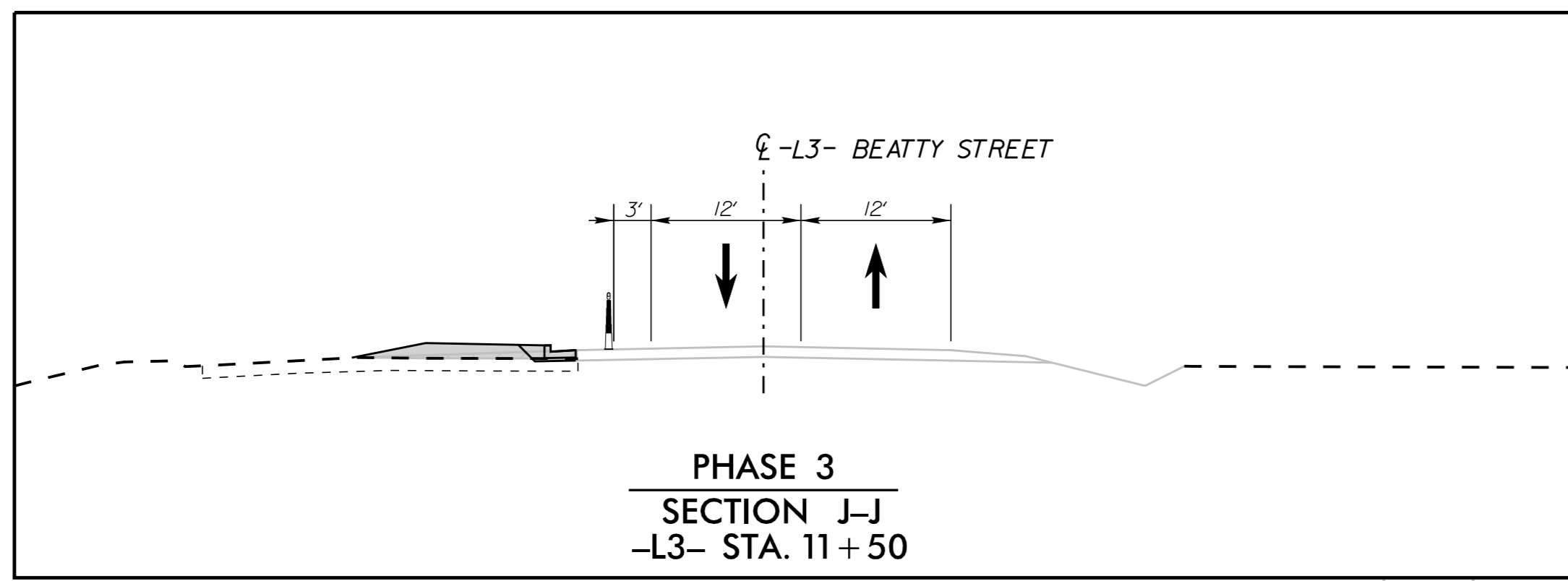
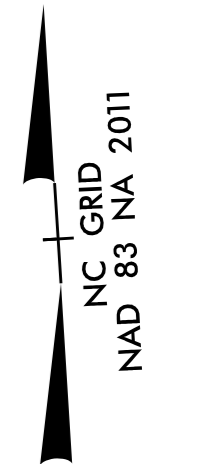
APPROVED: *Frank M. Masterson* DATE: 10/24/2023

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
FRANK M. MASTERSON, JR.
SEAL 037923



PHASE 3B
TRAFFIC CONTROL
DETAILS

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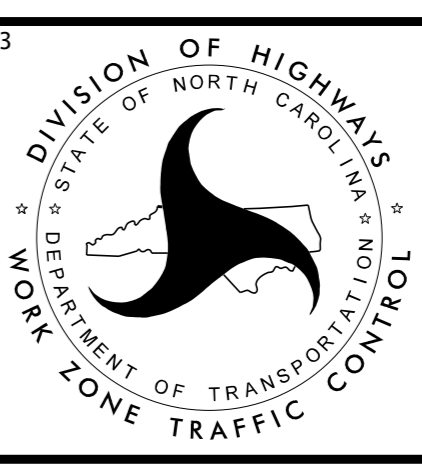


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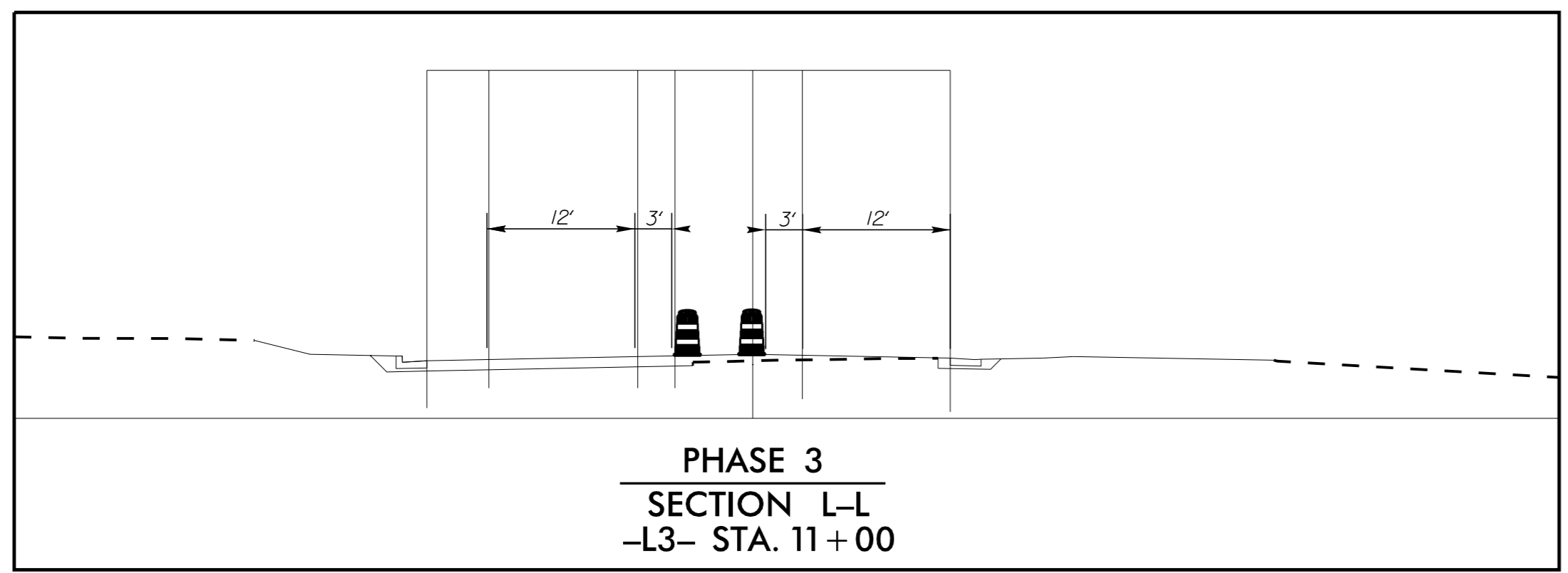
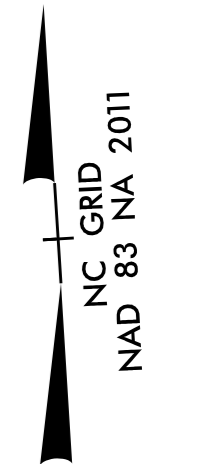


APPROVED: *Frank W. Masterson* DATE: 10/24/2023

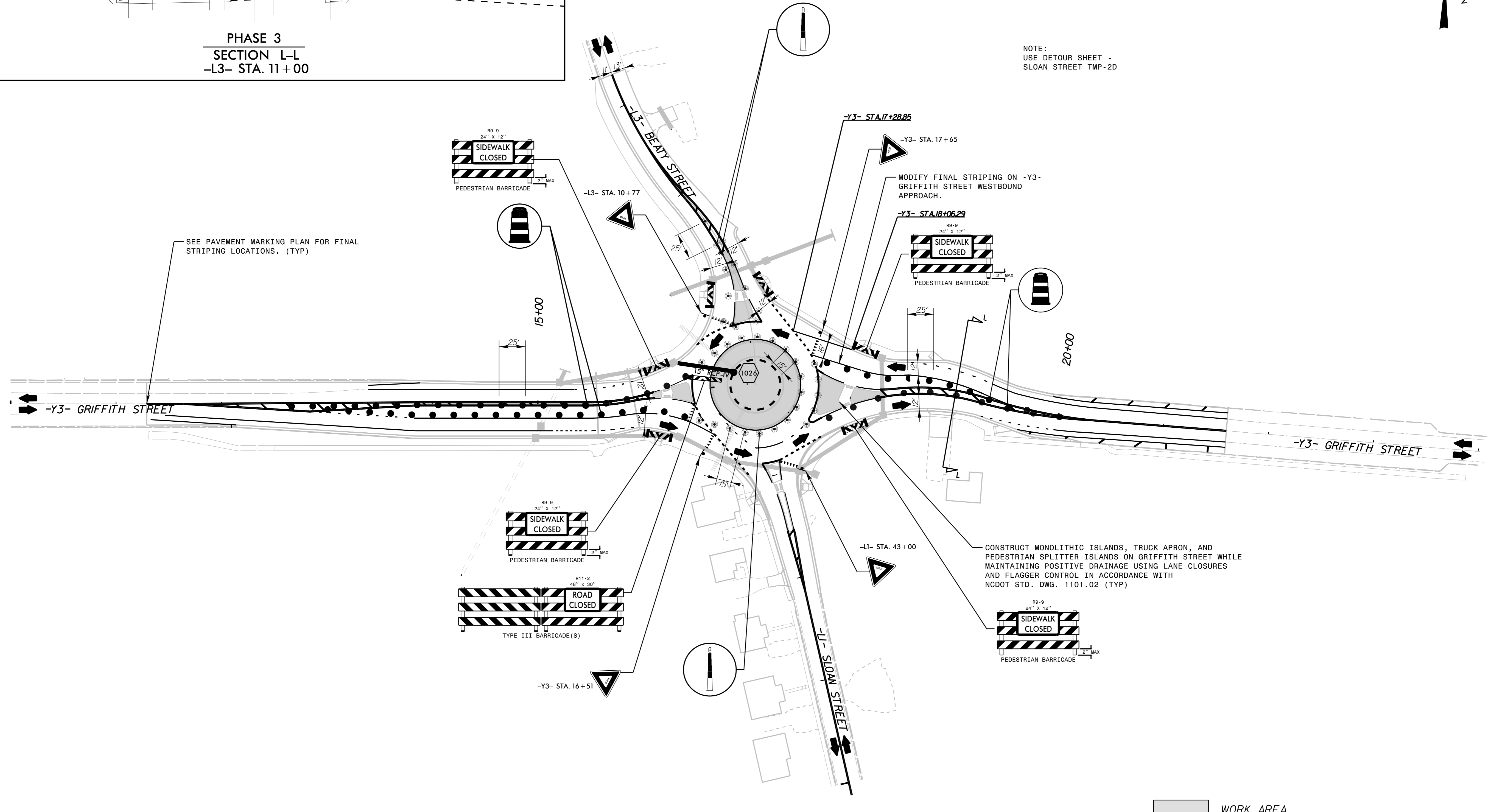
SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
FRANK D. MASTERSON, JR.
SEAL 037923



PHASE 3C
TRAFFIC CONTROL
DETAILS



NOTE:
USE DETOUR SHEET -
SLOAN STREET TMP-2D



SEE PAVEMENT MARKING PLAN FOR FINAL STRIPING LOCATIONS. (TYP)

MODIFY FINAL STRIPING ON -Y3- GRIFFITH STREET WESTBOUND APPROACH.

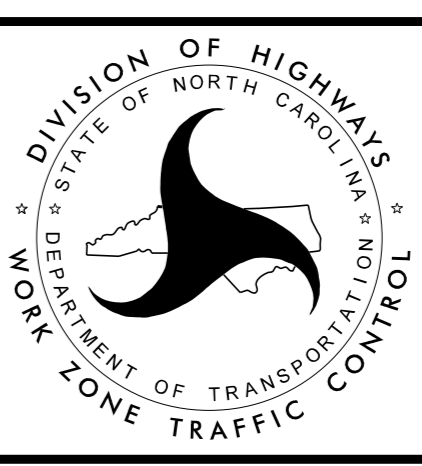
CONSTRUCT MONOLITHIC ISLANDS, TRUCK APRON, AND PEDESTRIAN SPLITTER ISLANDS ON GRIFFITH STREET WHILE MAINTAINING POSITIVE DRAINAGE USING LANE CLOSURES AND FLAGGER CONTROL IN ACCORDANCE WITH NCDOT STD. DWG. 1101.02 (TYP)

10/12/2023 K:\CHL\PR\01036360_U-5907_Ports-Sloan_Ext\Traffic\TrafficControl\CP\Sheets\U-5907_rdy_tmp_18.dgn



APPROVED: *[Signature]* DATE: 10/24/2023

SEAL



**PHASE 3D
TRAFFIC CONTROL
DETAILS**