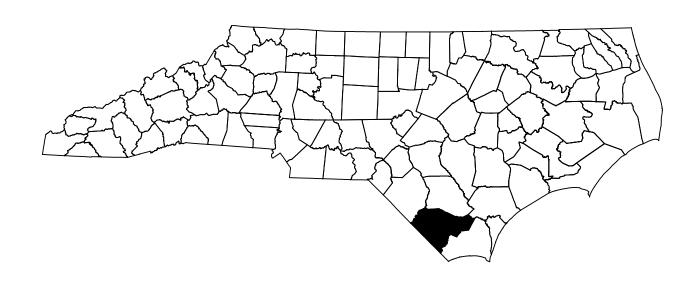
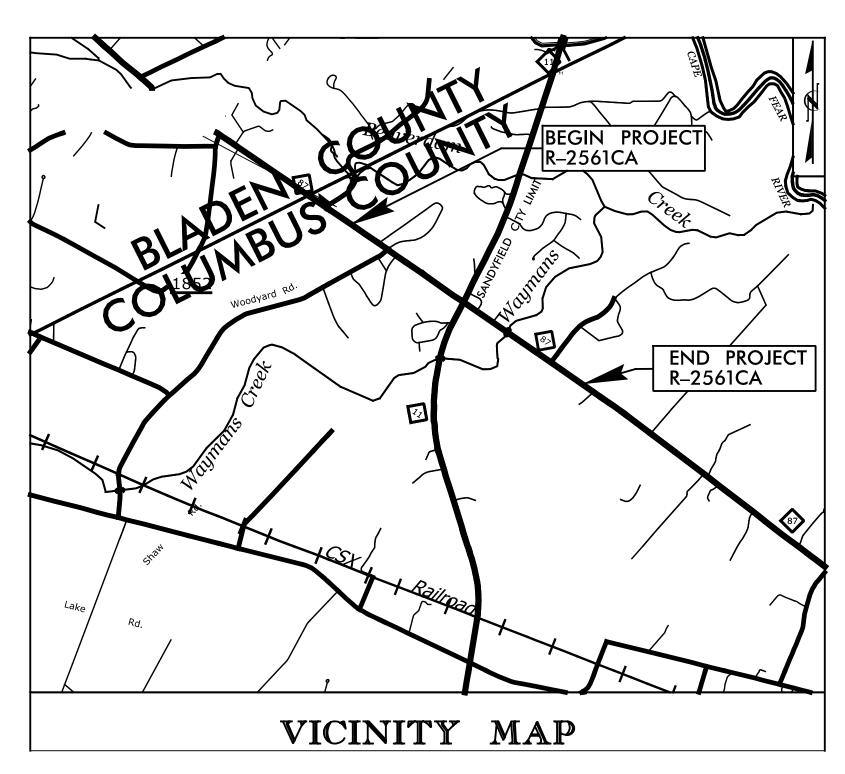
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

COLUMBUS COUNTY





LOCATION: NC 87 (OLD STAGE RD.)/NC 11 (GENERAL HOWE RD.) INTERCHANGE

INDEX OF SHEETS

SHEET NO.

TMP-1

561

SHEET NO. <u>TITLE</u> TMP - 1 TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND TMP-1A TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES AND GENERAL NOTES) TMP-2 GENERAL NOTES CONTINUED TMP-2A TMP-3 PHASING PHASE I OVERVIEW TMP-3B PHASE II OVERVIEW TMP-3C PHASE III OVERVIEW TMP-4-13 PHASE I PHASE II TMP-14-23 TMP-24-33 PHASE III

OFF-SITE DETOURS

08/15/22 DATE SUBMITTED SUBMITTAL: STAGING CONCEPT MIDPOINT

PRE-FINAL

X FINAL

TMP-34-37

DO NOT USE FOR CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



1 Glenwood Avenue Raleigh, NC 27603 Tel:919.789.9977

APPROVED. DATE:_ SEAL

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

PLANS PREPARED BY:

JOHN BAUMAN, P.E.

STEVE MILLER, P.E.

NCDOT CONTACTS:

JOHN B. GAUTHIER PROJECT ENGINEER



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:

TITLE STD. NO.

1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.03	TEMPORARY ROAD CLOSURES
1101.02	TEMPORARY LANE CLOSURES
1101.02	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES - TYPE III
1150.01	FLAGGERS
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
1205.12	PAVEMENT MARKINGS - BRIDGES
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION

LEGEND

PROJ. REFERENCE NO. SHEET NO. TMP-1A R-2561CA

GENERAL

DIRECTION OF TRAFFIC FLOW

DIRECTION OF PEDESTRIAN TRAFFIC FLOW

---- EXIST. PVMT.

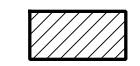
──────── NORTH ARROW

— PROPOSED PVMT.

TEMP. SHORING (LOCATION PURPOSES ONLY)

WORK AREA

REMOVAL



SIGNALS

¦∰¦EXISTING

PAVEMENT MARKINGS

EXISTING LINES

CONSTRUCTION UNDER TRAFFIC

STATIONARY OR PORTABLE SIGN

TEMPORARY SIGNING

FLAGGER

PAVEMENT MARKERS CRYSTAL/CRYSTAL

PORTABLE SIGN

STATIONARY SIGN

CRYSTAL/RED

◆ YELLOW/YELLOW

PAVEMENT MARKING SYMBOLS

TRAFFIC CONTROL DEVICES

BARRICADE (TYPE III)

TEMPORARY CRASH CUSHION

CHANGEABLE MESSAGE SIGN

TRUCK MOUNTED ATTENUATOR (TMA)

FLASHING ARROW BOARD

LAW ENFORCEMENT

DRUM SKINNY DRUM O TUBULAR MARKER

PAINT (4")

PAINT (8")

PAVEMENT MARKING SYMBOLS

----TEMPORARY LINES

TEMPORARY PAVEMENT MARKING SCHEDULE

DESCRIPTION SYMBOL

WHITE EDGE LINE

3 FT. - 9 FT./SP WHITE MINISKIP 2 FT. - 6 FT./SP WHITE MINISKIP

PROPOSED E TEMPORARY

YELLOW EDGE LINE P13 YELLOW DOUBLE CENTER

P14 2 FT. - 6 FT./SP YELLOW MINISKIP

P40 WHITE GORE LINE

P41 WHIE DIAGONAL

P42 YELLOW DIAGONAL P43 WHITE SOLID LANE LINE

P61

PAINT (24") WHITE STOP BAR

24" YIELD LINE TRIANGLE

PAINT PAVEMENT MARKING CHARACTERS

PAINT PAVEMENT MARKING SYMBOLS

P70 LEFT TURN ARROW P71 RIGHT TURN ARROW

P77 U-TURN ARROW

P79 MERGE ARROW

YELLOW/YELLOW TEMPORARY RAISED

CRYSTAL/RED TEMPORARY RAISED

TEMPORARY MARKERS

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ROADWAY STANDARD DRAWINGS & LEGEND

1 Glenwood Avenue Raleigh, NC 27603 Tel:919.789.9977 Fax:919.789.9591 License: C-2197

SEAL

MANAGEMENT STRATEGIES

- LOCAL ACCESS TO ALL RESIDENCES AND BUSINESSES WILL BE MAINTAINED DURING CONSTRUCTION.
- PROVIDE ONE MONTH NOTICE TO THE ENGINEER, COLUMBUS COUNTY EMERGENCY SERVICES, AND COLUMBUS COUNTY SCHOOL OFFICIALS PRIOR TO ROAD CLOSURE.

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:**

ROAD NAME: NC 11, NC 87

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 6:00 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 6:00 A.M. THURSDAY AND 6:00 P.M. MONDAY.
- 4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 6:00 P.M. TUESDAY.
- 5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 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 6:00 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 6:00 A.M. FRIDAY AND 6:00 P.M. TUESDAY.
- 7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 6:00 P.M. MONDAY.
- 8. FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- B) DO NOT CLOSE ROADS AS FOLLOWS:

ROAD NAME NC 87

DAY AND TIME RESTRICTIONS MONDAY - SUNDAY

6:00 A.M. TO 6:00 P.M.

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME NC 87

DAY AND TIME RESTRICTIONS MONDAY - SUNDAY 6:00 A.M. TO 6:00 P.M.

DURATION AND OPERATION 30 MINUTES OVERHEAD CONSTRUCTION LANE AND SHOULDER CLOSURE REQUIREMENTS

- D) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING 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.

- G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- H) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, 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) 200 FEET IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

K) NOTIFY THE ENGINEER ONE MONTH PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

- L) INSTALL ADVANCE WORK ZONE WARNING SIGNS NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- M) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

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

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

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

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R-2561CA

SHEET NO.

TMP-2

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

TRAFFIC BARRIER

P) 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 (45 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.

Q) 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.

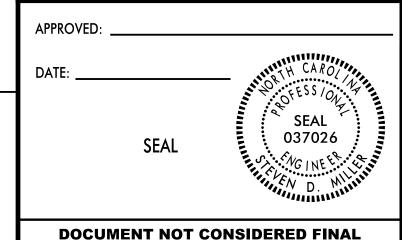
PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER FROM ONCOMING TRAFFIC AT ALL TIMES BY A TEMPORARY CRASH CUSHION UNLESS THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER IS OFFSET FROM ONCOMING TRAFFIC AS FOLLOWS OR AS SHOWN IN THE PLANS: (SEE ALSO 1101.05)

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

TRAFFIC CONTROL DEVICES

- R) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT 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.
- S) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.





UNLESS ALL SIGNATURES COMPLETED



TRANSPORTATION **OPERATIONS** PLAN

PROJ. REFERENCE NO. SHEET NO. TMP-2A R-2561CA

GENERAL NOTES

PAVEMENT MARKINGS AND MARKERS

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

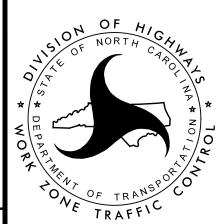
MARKER ROAD NAME MARKING NC 11 PAINT **TEMPORARY** NC 87 **TEMPORARY** PAINT

- U) 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.
- V) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- W) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

MISCELLANEOUS

X) 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 FEET AND 700 FEET RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

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GENERAL NOTES CONTINUED

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PROJ. REFERENCE NO.	SHEET NO.
R-2561CA	TMP-3

PHASING

PHASE I

- STEP 1: USING ROADWAY STANDARD DRAWING (RSD) 1101.01 SHEET 3 OF 3 PLACE ADVANCE WARNING SIGNS ON NC 11 AND NC 87.
- STEP 2: USING RSD 1101.02 SHEET 1 OF 14 AND RSD 1101.04 SHEET 1 OF 1, PLACE TRAFFIC CONTROL DEVICES AND BEGIN CONSTRUCTION UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-4-13.

COMPLETE THE WORK OF PHASE I, STEP 3 IN TWO HUNDRED AND TEN(210) CONSECUTIVE CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

- STEP 3: CLOSE NC 11 AND USE OFF-SITE DETOUR AS SHOWN ON TMP-34 AND TMP-35, TO COMPLETE BRIDGE OVER WEYMANS CREEK.
- STEP 4: USING RSD 1101.02 SHEET 1 OF 14, AND RSD 1101.04 SHEET 1 OF 1, PERFORM THE FOLLOWING IN A CONTINUOUS MANNER:
 - COMPLETE CONSTRUCTION AS SHOWN ON TMP-4-13 UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE. - PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY MARKINGS AS SHOWN ON TMP-14-23 AND SHIFT TRAFFIC INTO THE PHASE II PATTERN.

PHASE II

- STEP 1: USING RSD 1101.02 SHEET 1 OF 14, RSD 1101.04 SHEET 1 OF 1, AND CONSTRUCTION AWAY FROM TRAFFIC, BEGIN CONSTRUCTION UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-14-23.
- STEP 2: USING RSD 1101.02 SHEET 1 OF 14 AND RSD 1101.04 SHEET 1 OF 1, COMPLETE CONSTRUCTION AS SHOWN ON TMP-14-23, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.
- STEP 3: USING RSD 1101.02 SHEET 1 OF 14 AND RSD 1101.04 SHEET 1 OF 1, PERFORM THE FOLLOWING IN A CONTINUOUS MANNER:
 - PLACE TRAFFIC CONTROL DEVICES AS SHOWN ON TMP-24-33, EXCLUDING TMP-27A.
 - PLACE TEMPORARY PAVEMENT MARKINGS IN THEIR FINAL LOCATIONS, ACCORDING TO THE FINAL PAVEMENT MARKING PLAN, AS SHOWN ON TMP-24-33, EXCLUDING TMP-27A.
 - SHIFT TRAFFIC INTO THE PHASE III PATTERN.

PHASE III

STEP 1: USING RSD 1101.02 SHEET 1 OF 14, RSD 1101.04 SHEET 1 OF 1, AND CONSTRUCTION AWAY FROM TRAFFIC, BEGIN CONSTRUCTION UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-24-33, EXCLUDING TMP-27A. IF NC 87 IS TEMPORARILY CLOSED FOR OVERHEAD CONSTRUCTION, THEN USE OFF-SITE DETOUR AS SHOWN ON TMP-36-37.

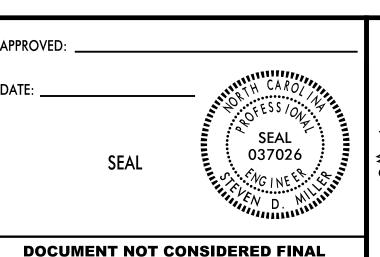
NOTE: SEE INTERMEDIATE CONTRACT TIMES FOR OVERHEAD CONSTRUCTION TIME RESTRICTIONS.

STEP 2: USING RSD 1101.02 SHEET 1 OF 14 AND RSD 1101.04 SHEET 1 OF 1, COMPLETE CONSTRUCTION, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, AS SHOWN ON TMP-24-33, EXCLUDING TMP-27A.

COMPLETE THE WORK OF PHASE III, STEP 3 IN TWENTY-ONE(21) CONSECUTIVE CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

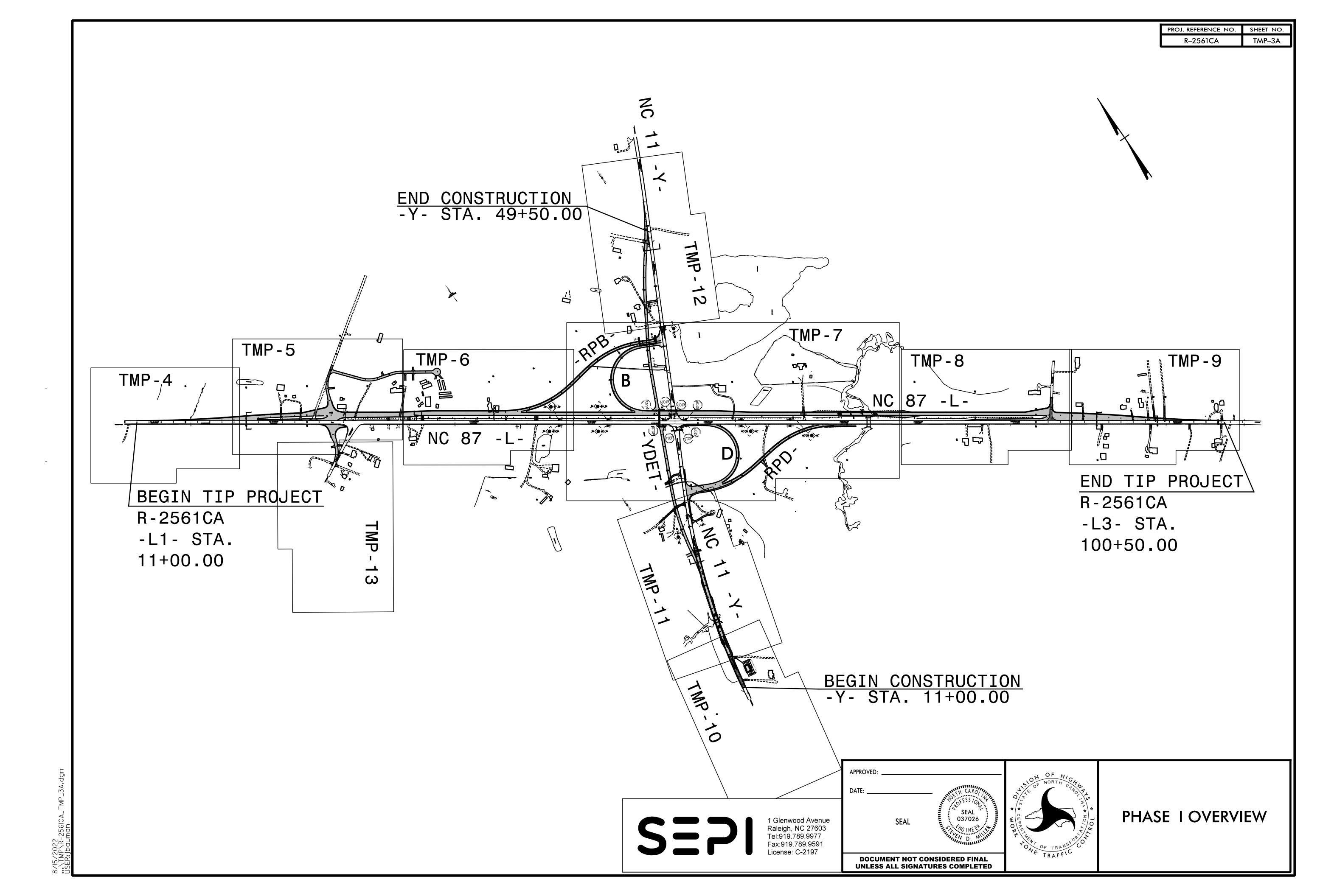
- STEP 3: USING RSD 1101.02 SHEET 3 OF 14 AND RSD 1101.04 SHEET 1 OF 1, PERFORM THE FOLLOWING IN A CONTINUOUS MANNER:
 - SHIFT TRAFFIC FROM ON-SITE DETOUR ONTO NC 11.
 - PLACE DEVICES AND COMPLETE REMAINING SECTION OF RAMP AND LOOP B AS SHOWN ON TMP-27A, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.
- STEP 4: USING RSD 1101.02 SHEETS 1 AND 3 OF 14 AND RSD 1101.04 SHEET 1 OF 1, PERFORM THE FOLLOWING IN A CONTINUOUS MANNER:
 - SHIFT TRAFFIC INTO THE FINAL PATTERN.
 - COMPLETE MONOLITHIC ISLANDS ON RAMPS USING LANE CLOSURES.
 - REMOVE ON-SITE DETOUR.
 - PLACE THE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS ACCORDING TO THE PAVEMENT MARKING PLAN.
 - REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

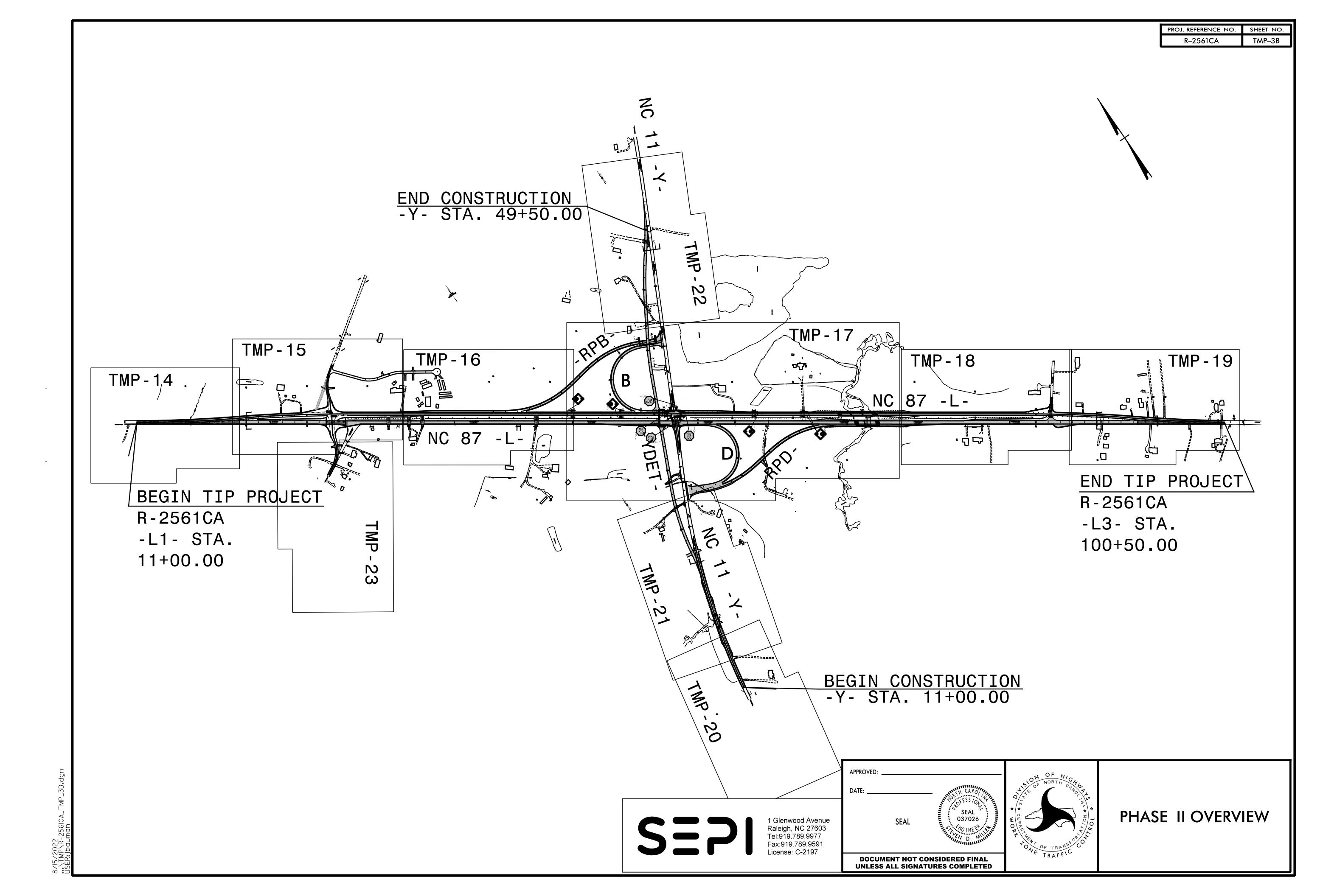
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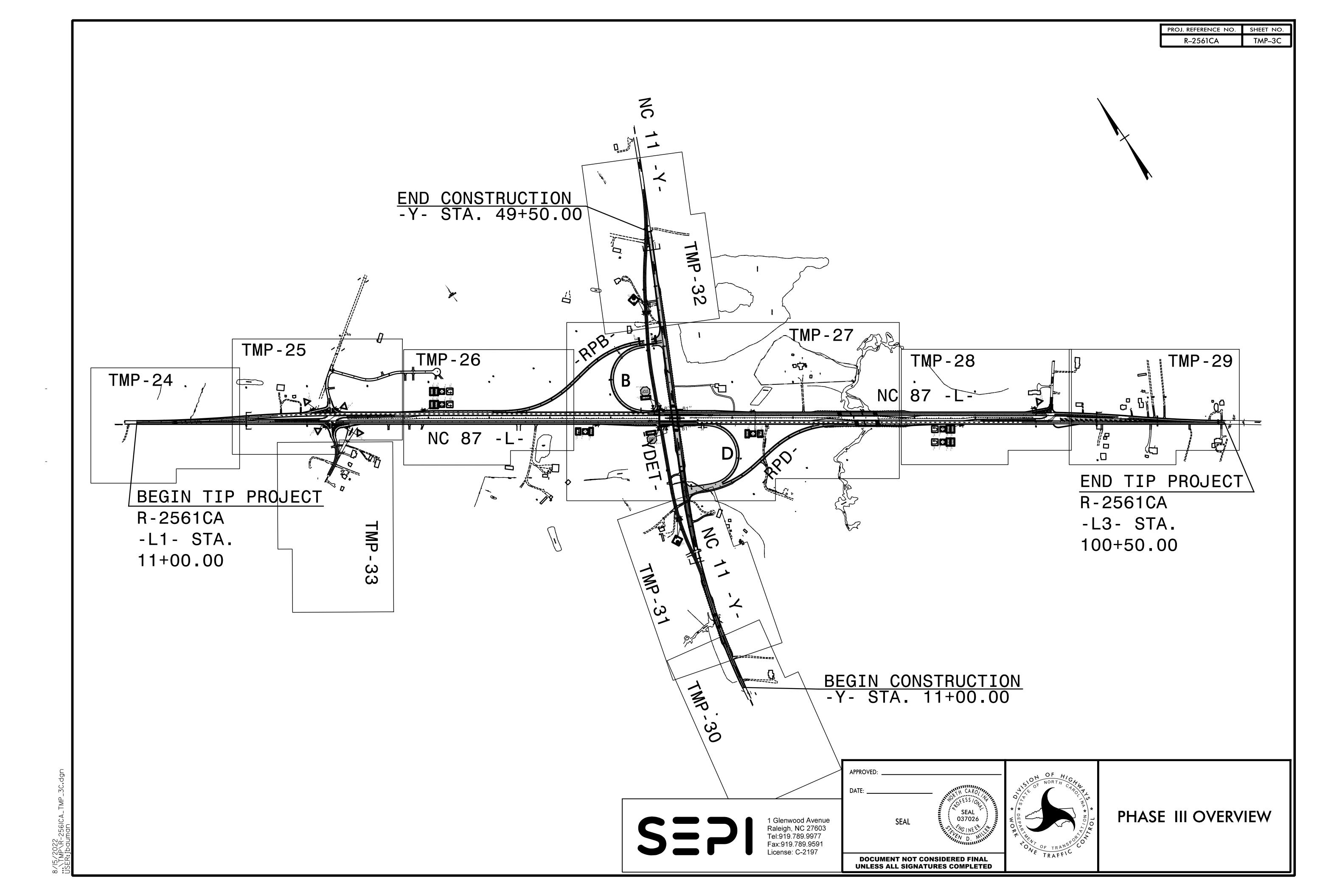


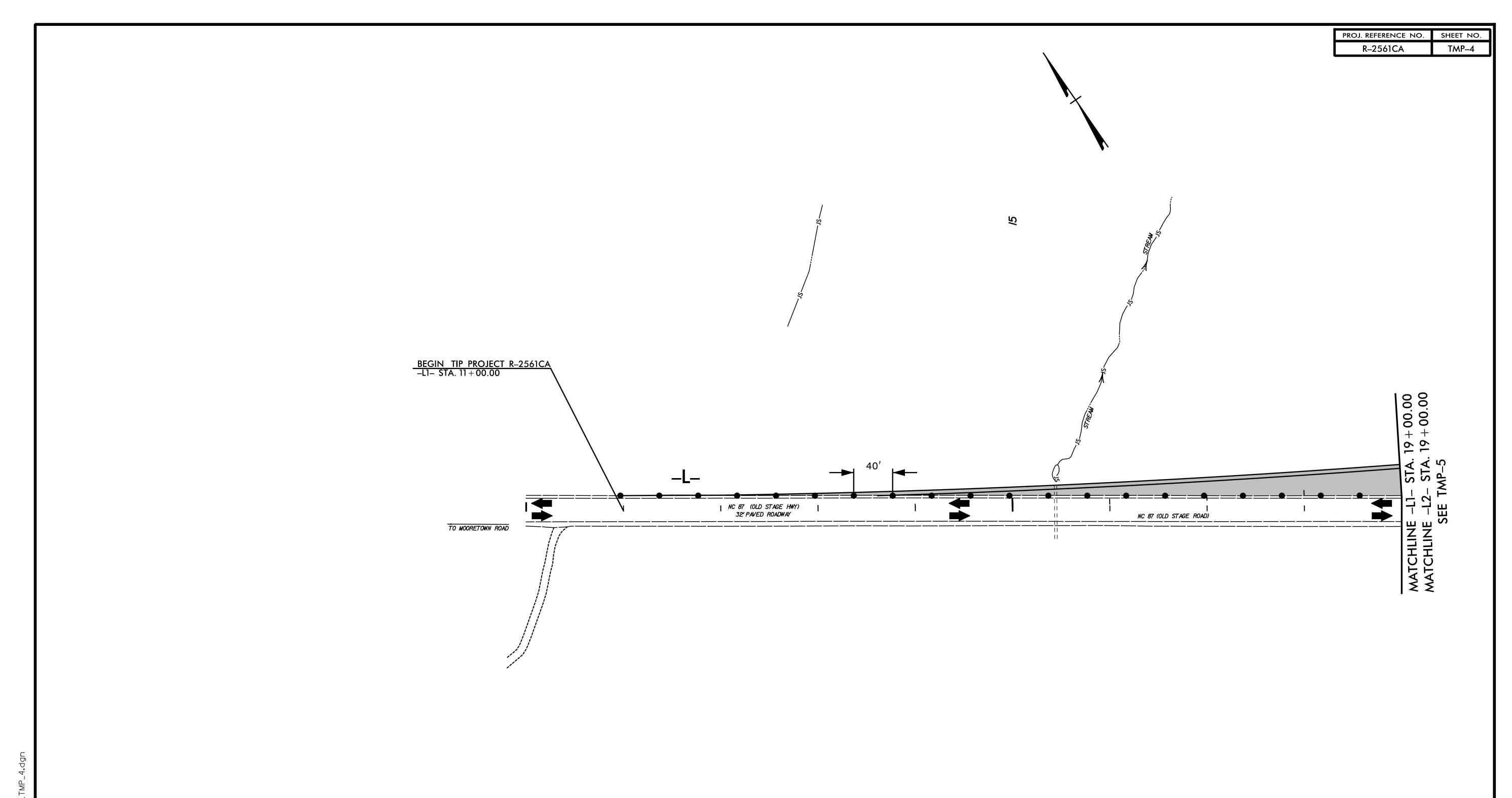
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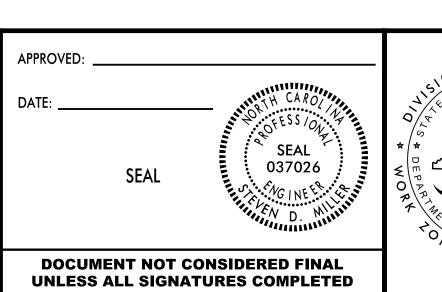
PHASING



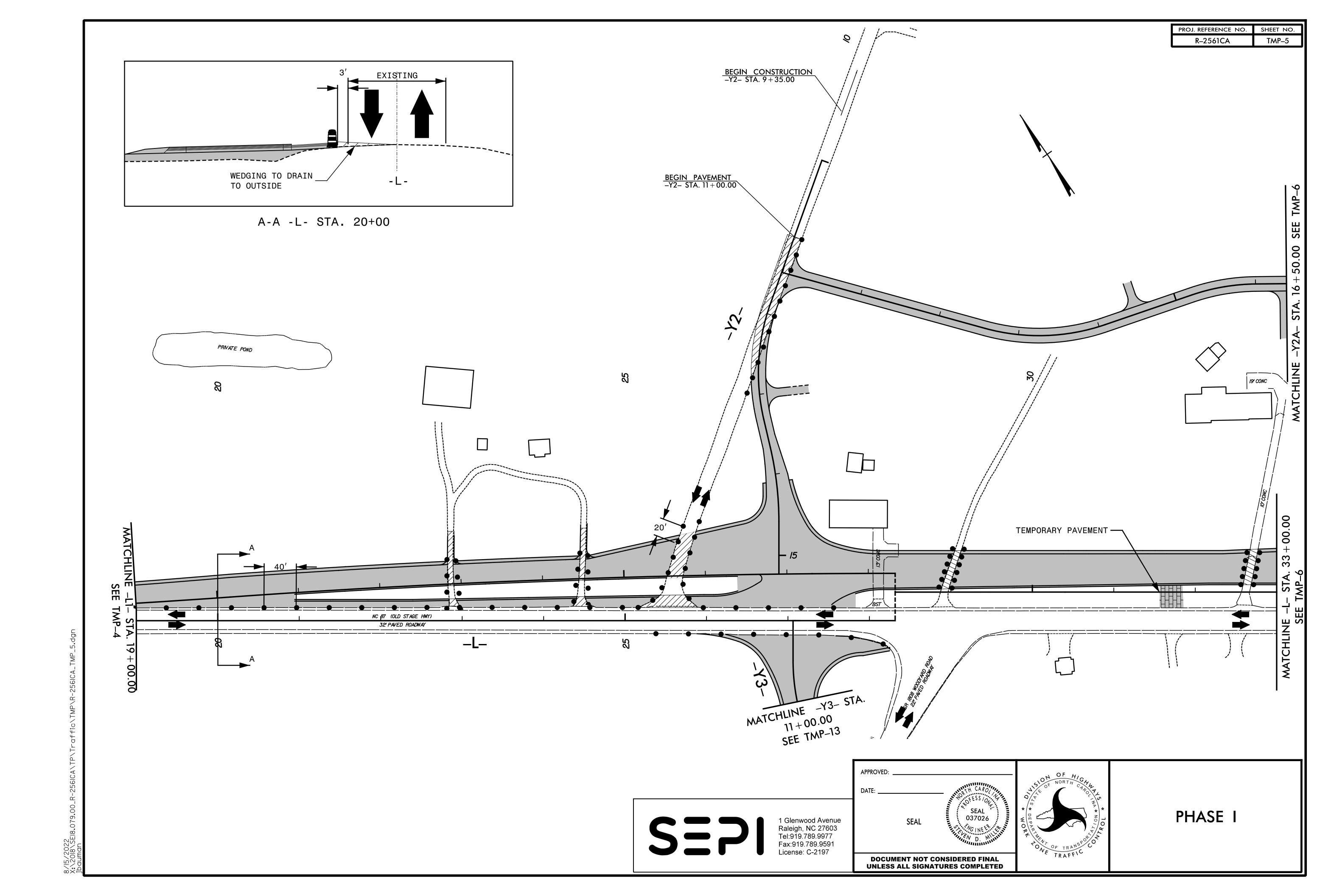


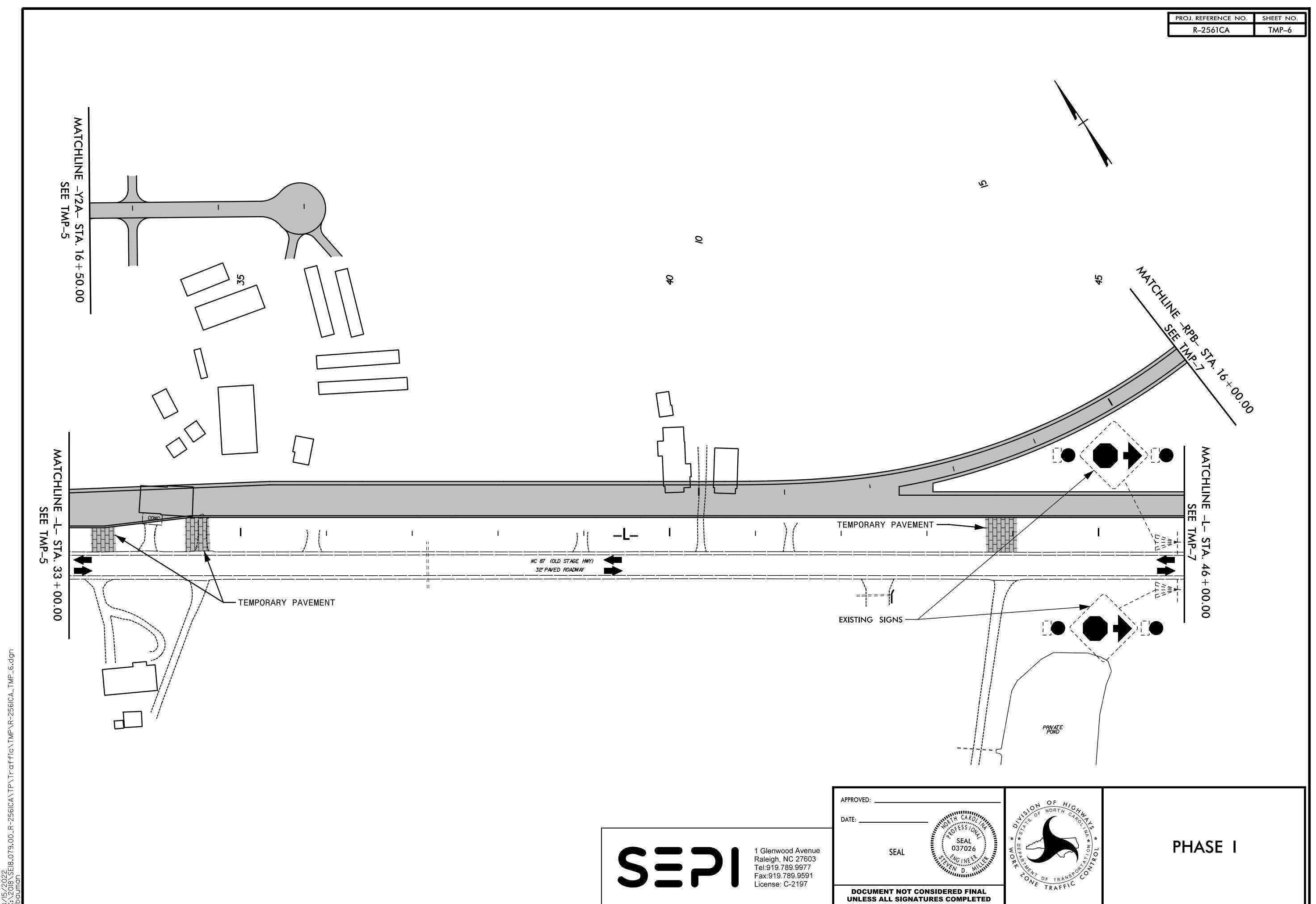


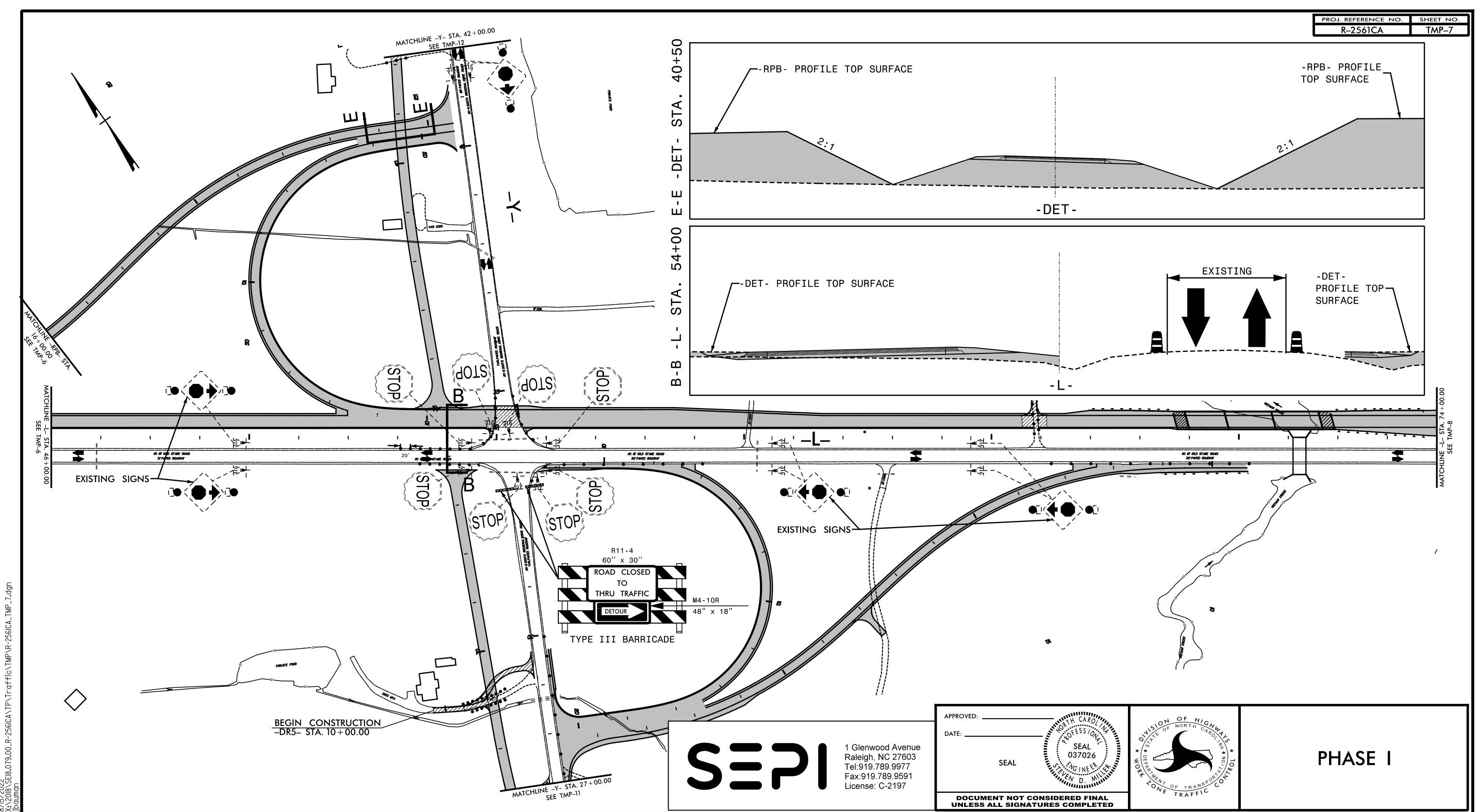


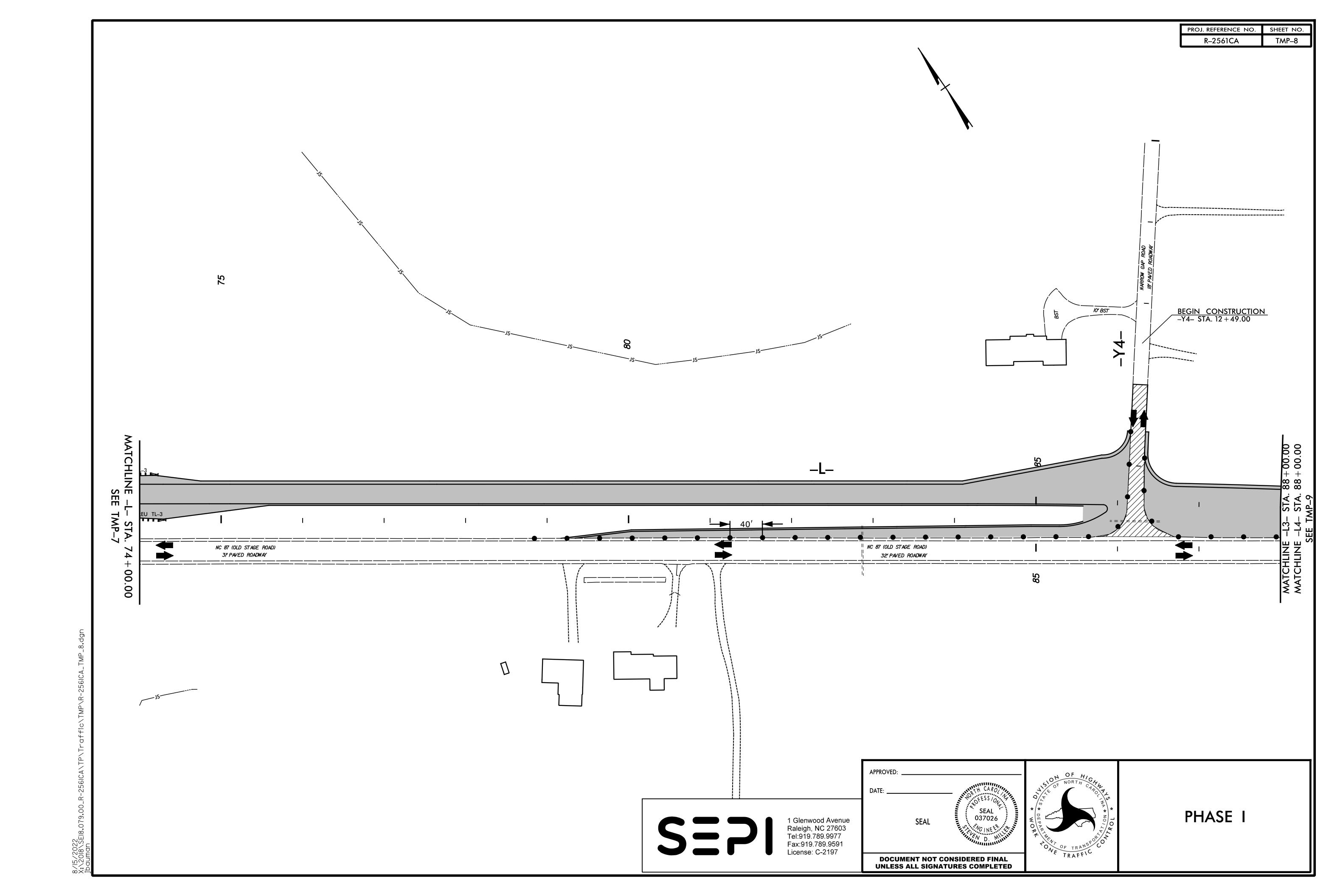


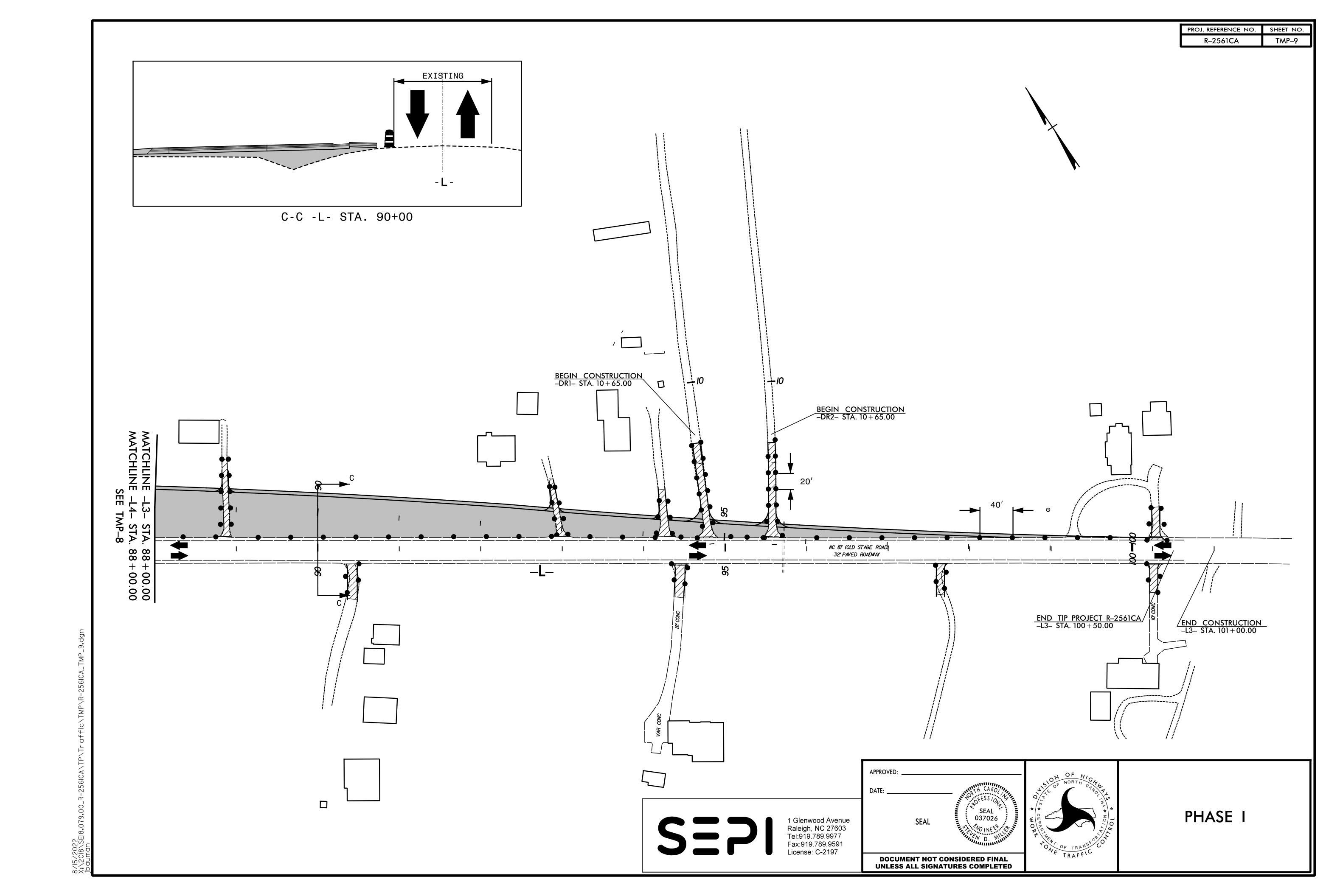
PHASE I







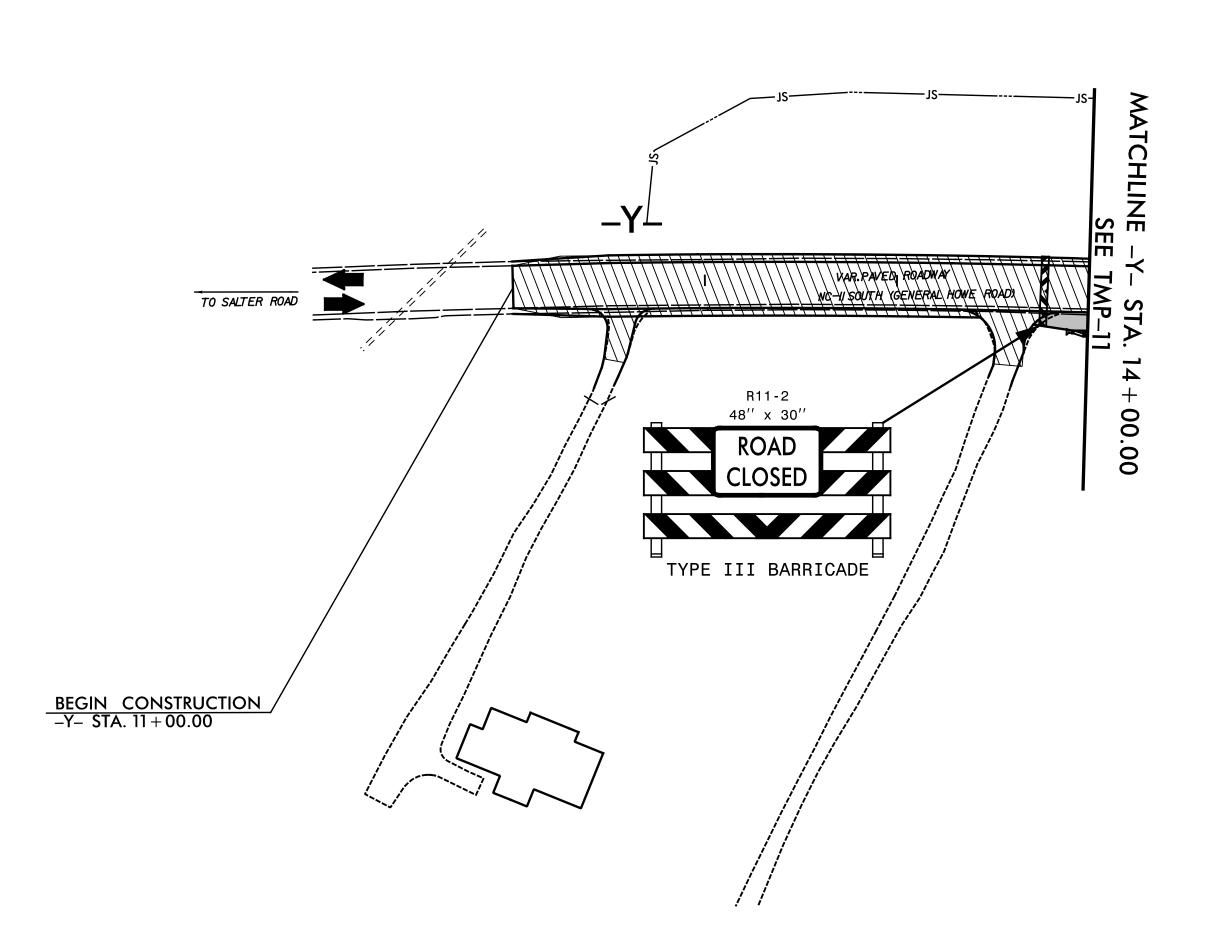




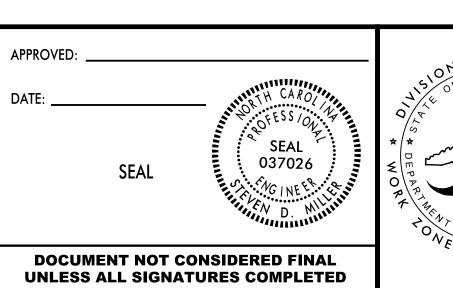
PROJ. REFERENCE NO.	SHEET NO.
R-2561CA	TMP-10



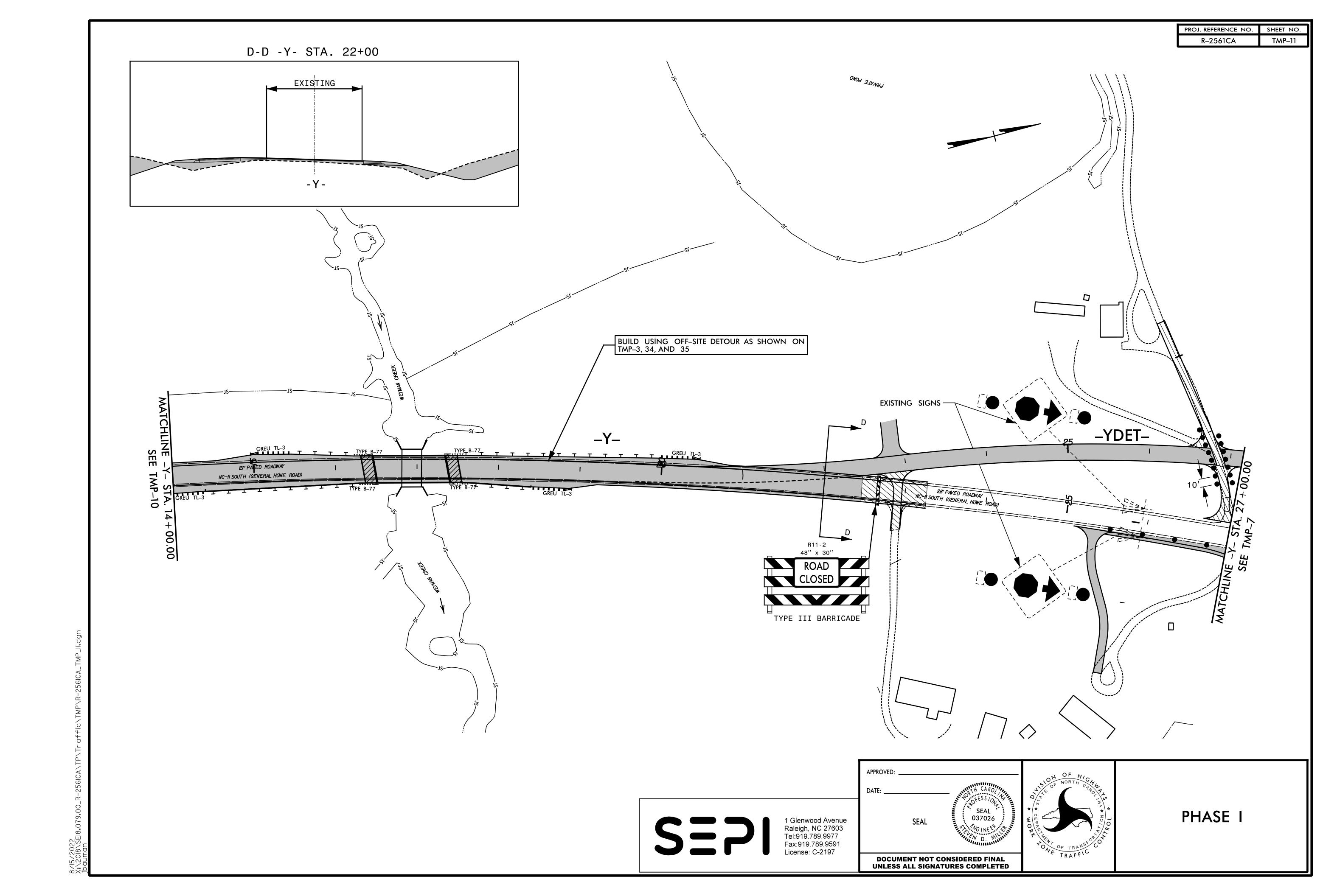
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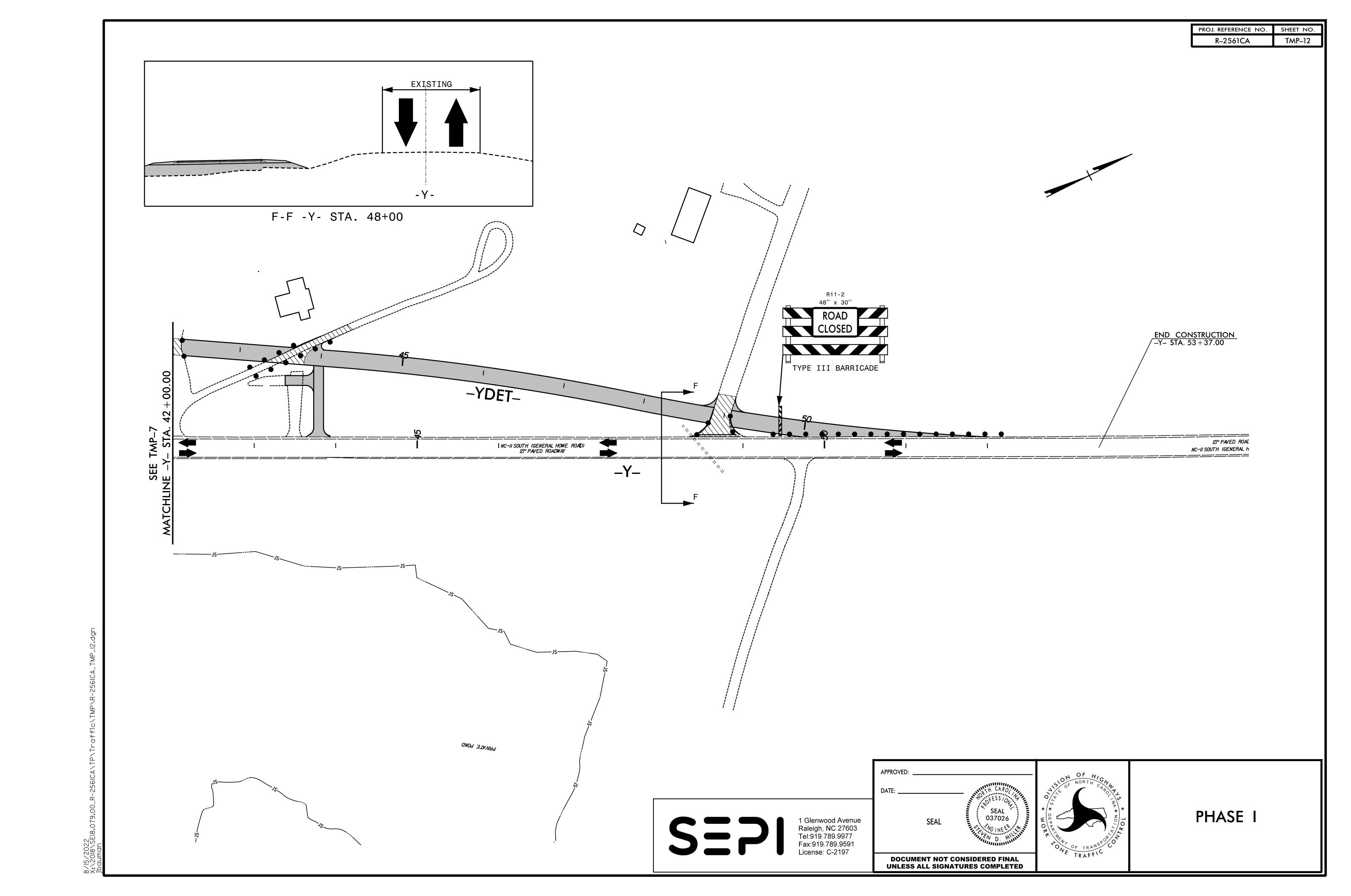


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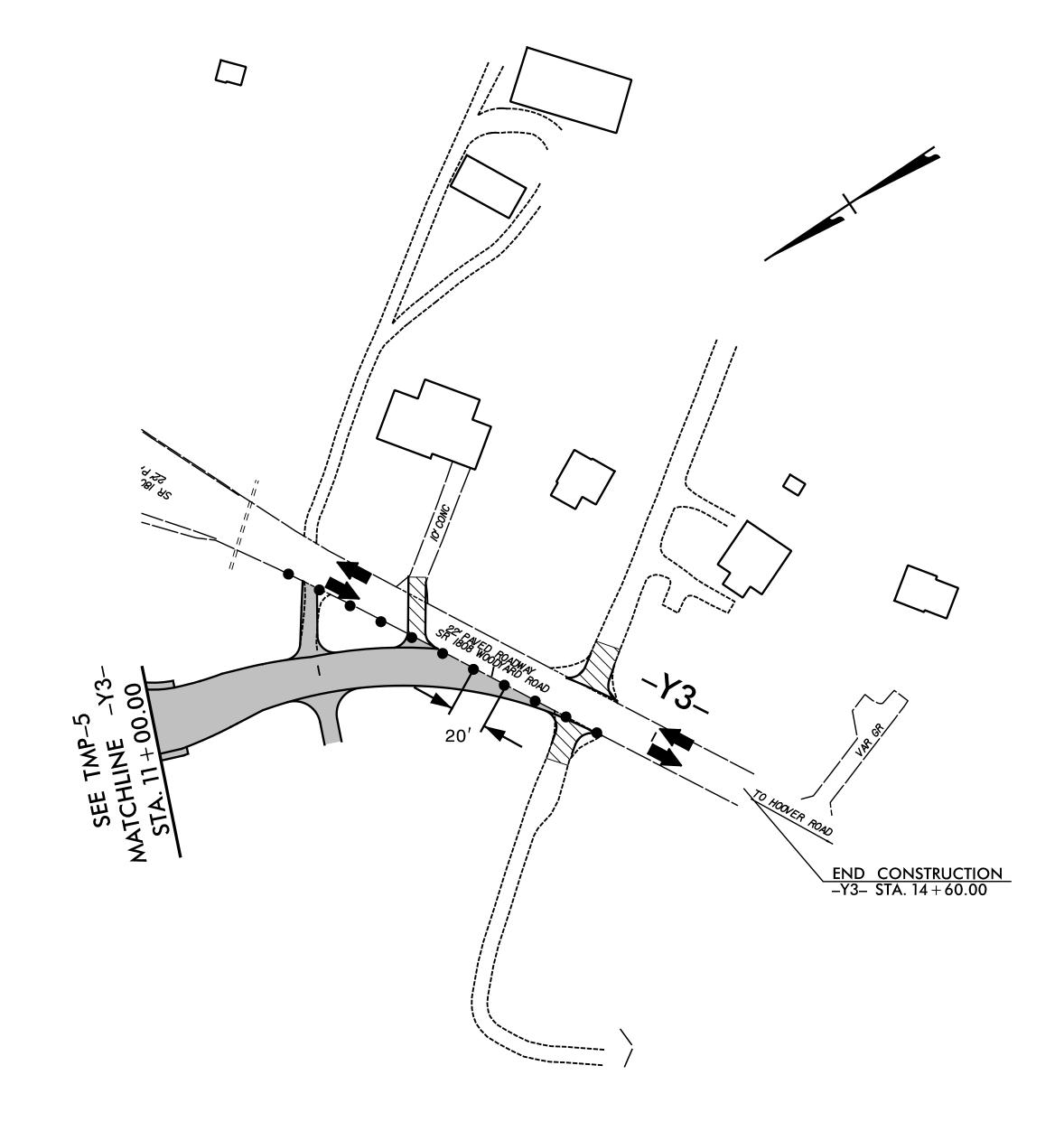


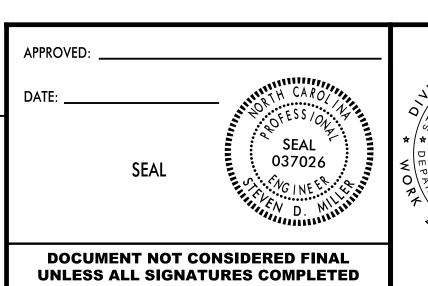
PHASE I



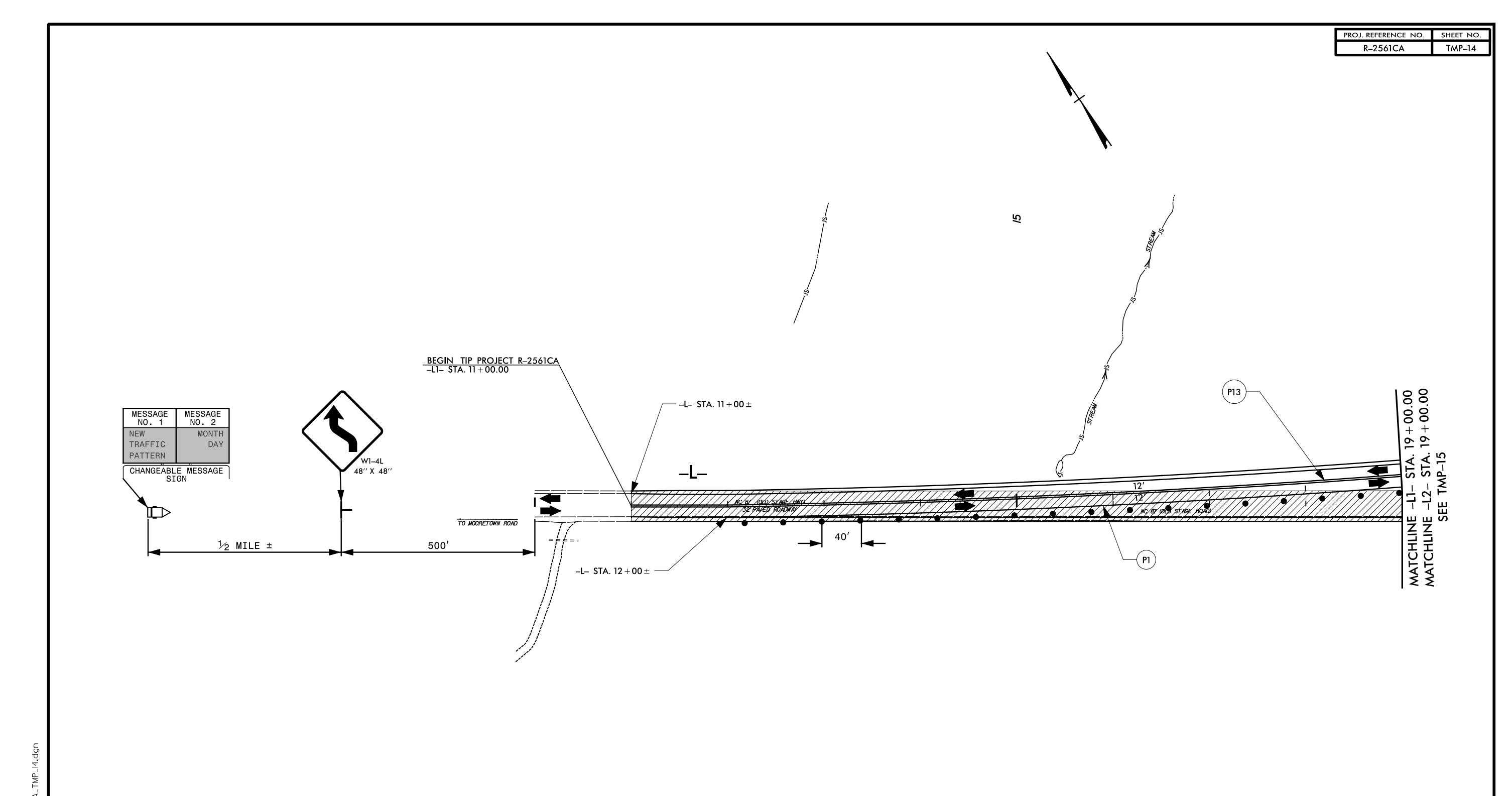


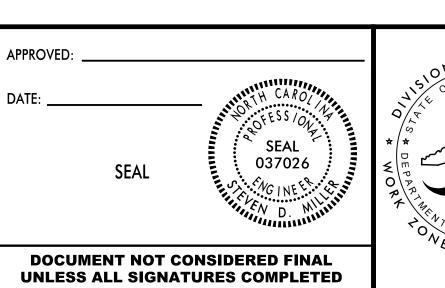
PROJ. REFERENCE NO.	SHEET NO.
R-2561CA	TMP-13



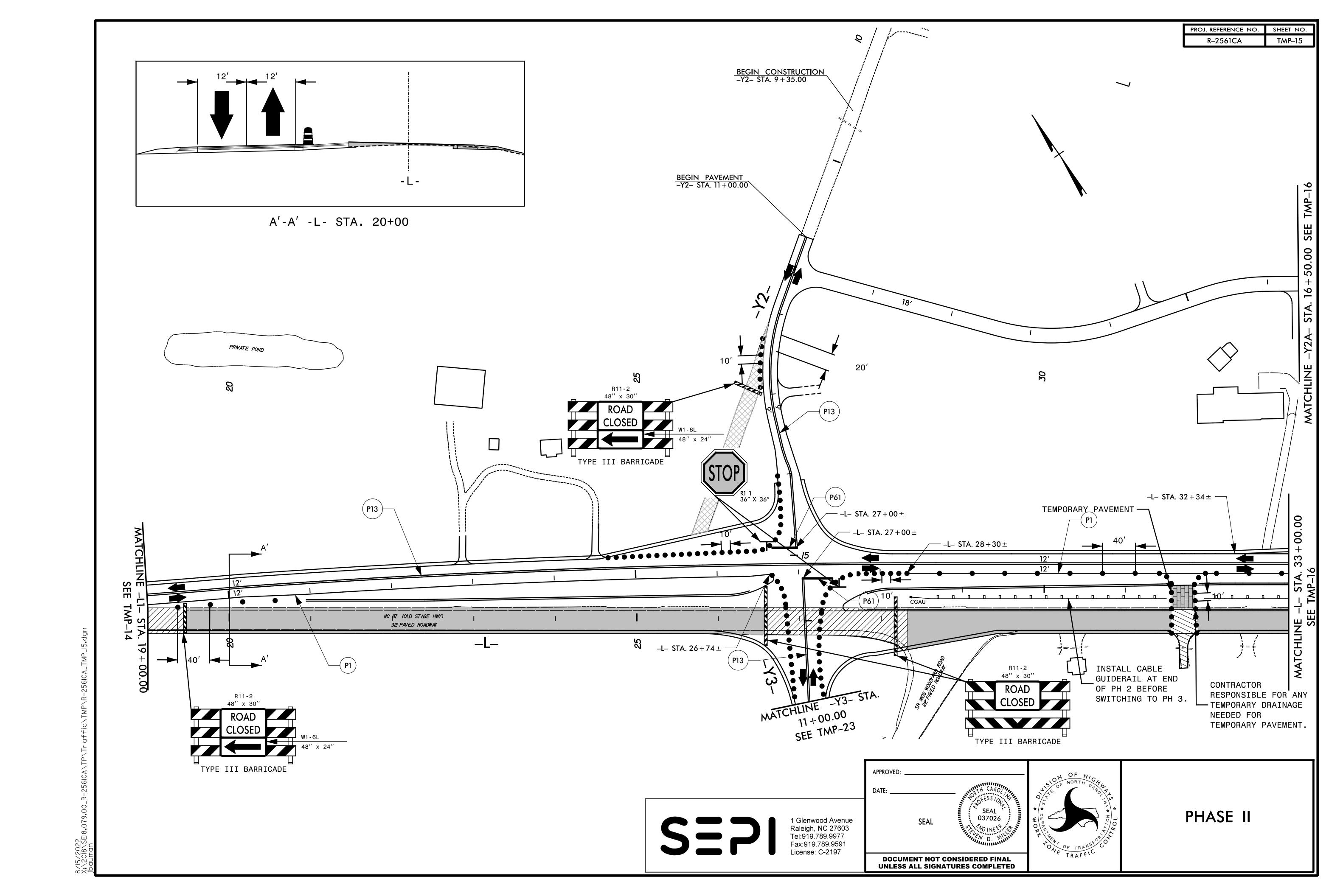


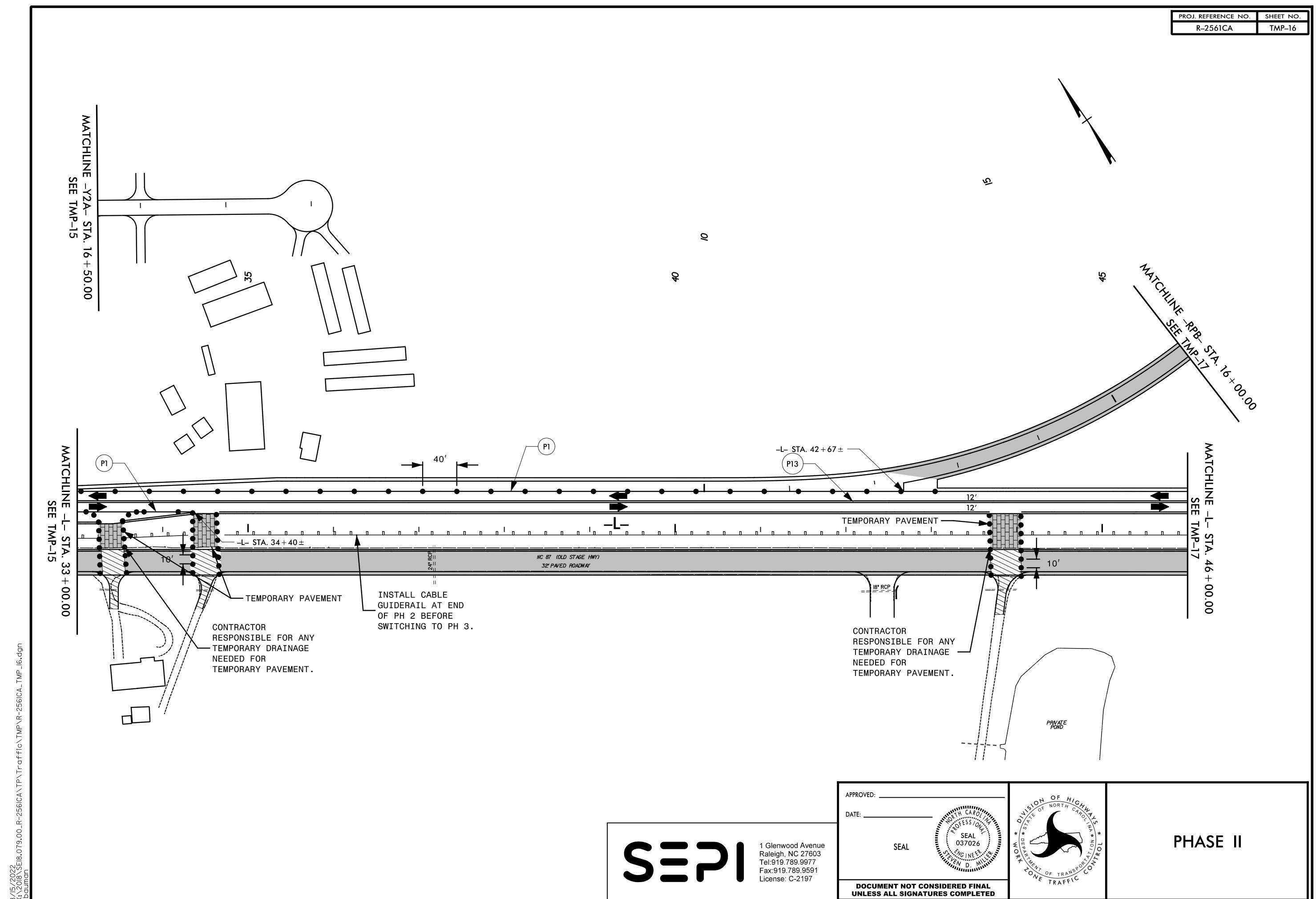
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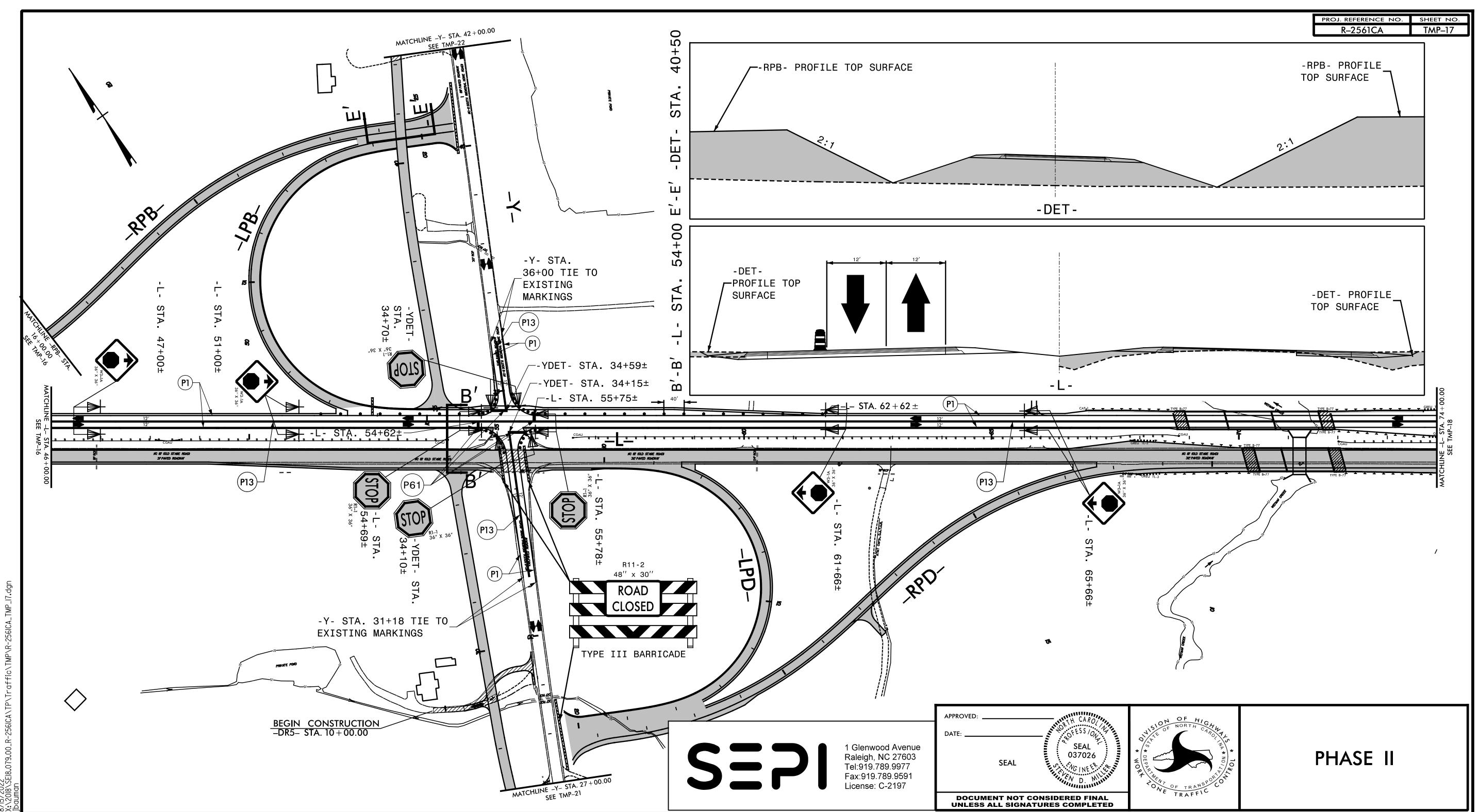


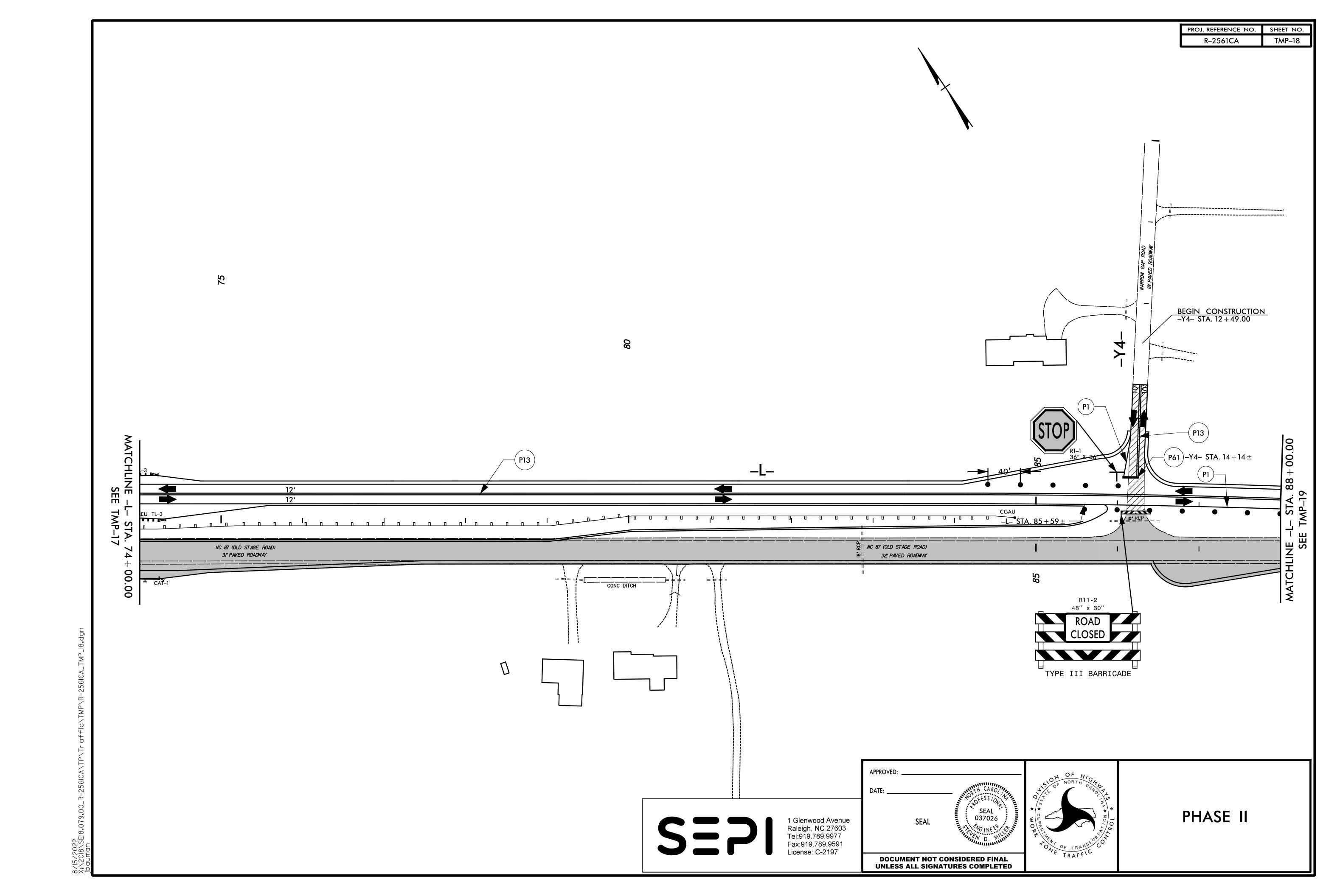


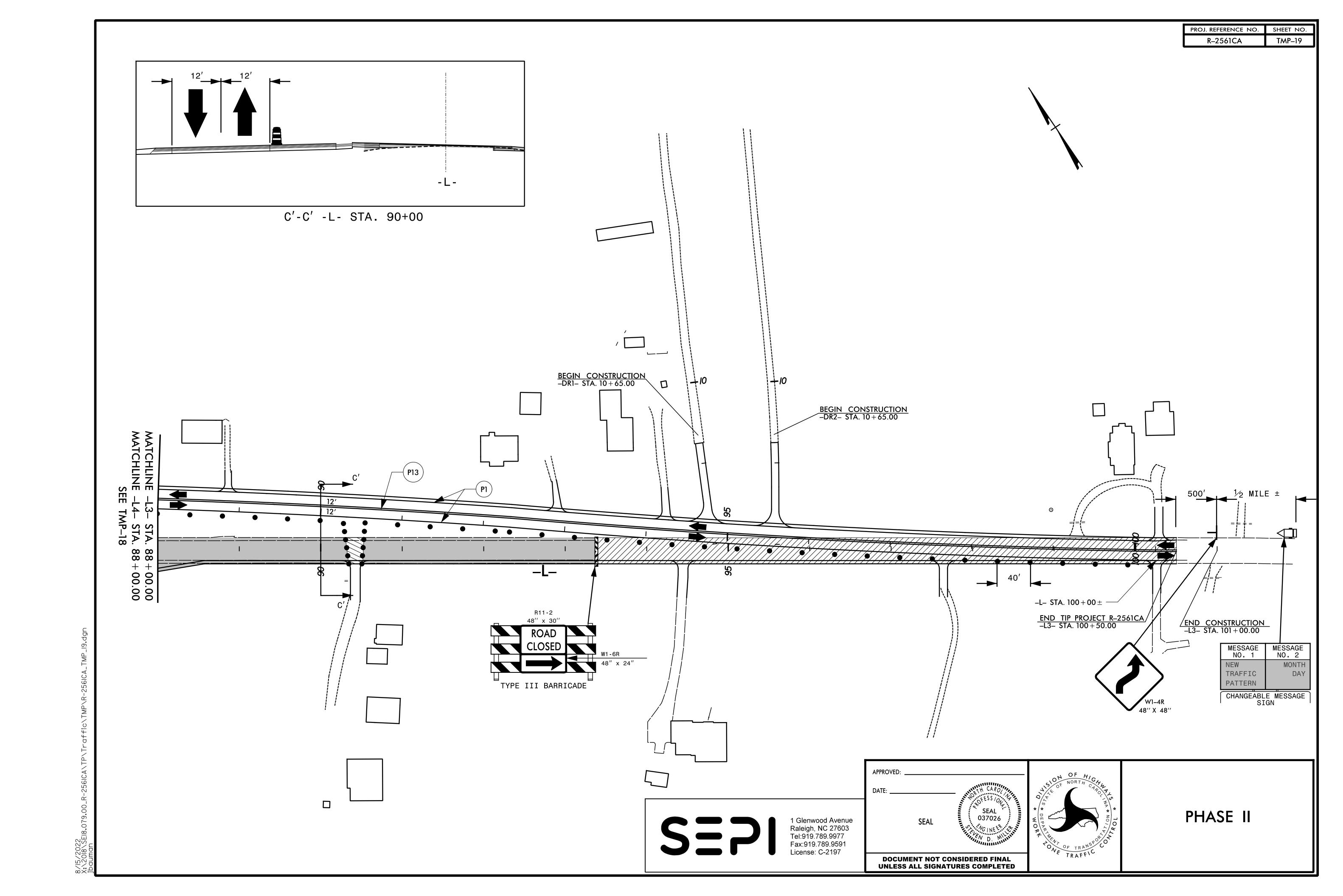
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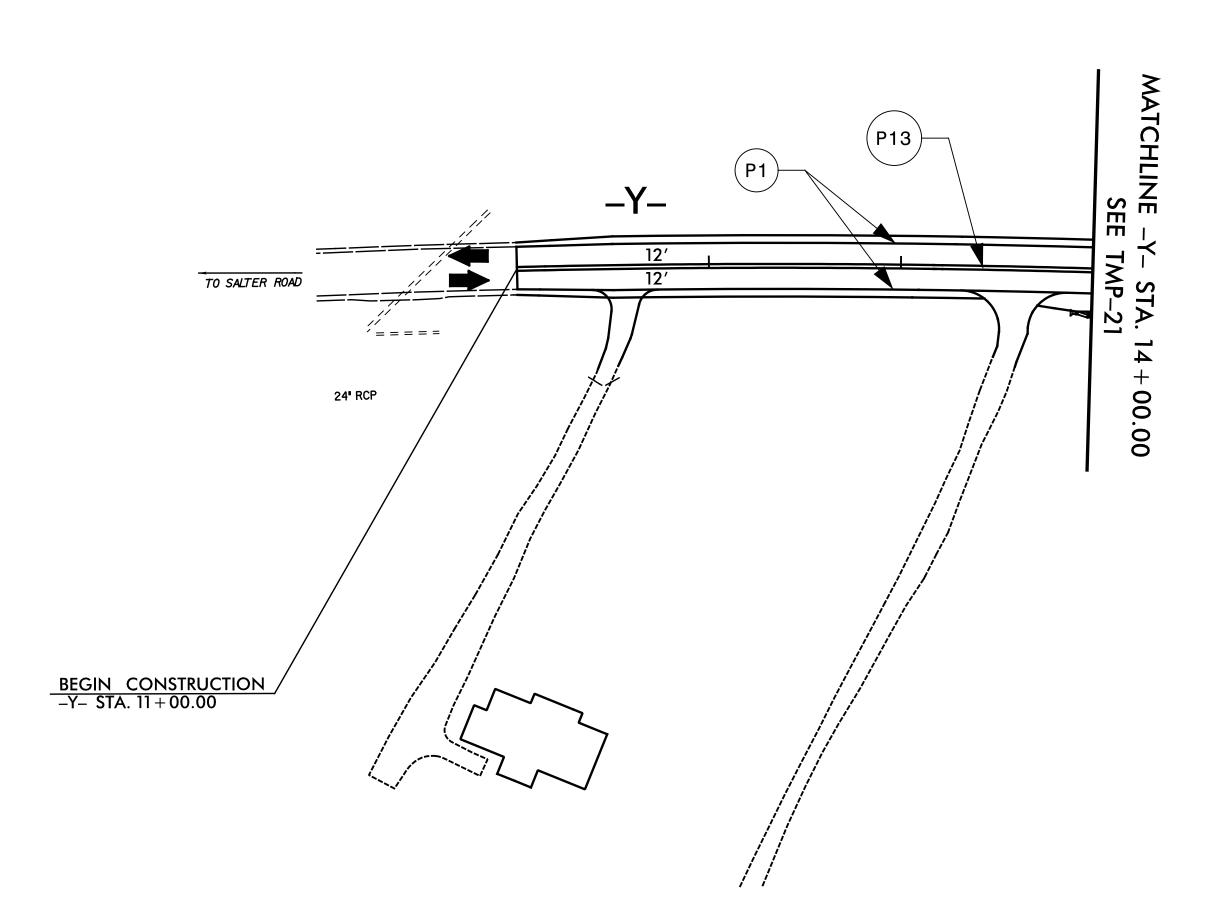




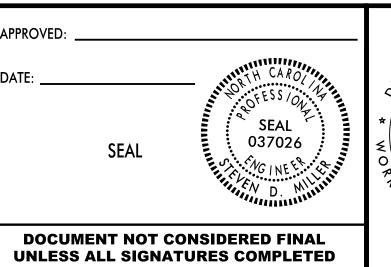
PROJ. REFERENCE NO.	SHEET NO.
R-2561CA	TMP-20



2



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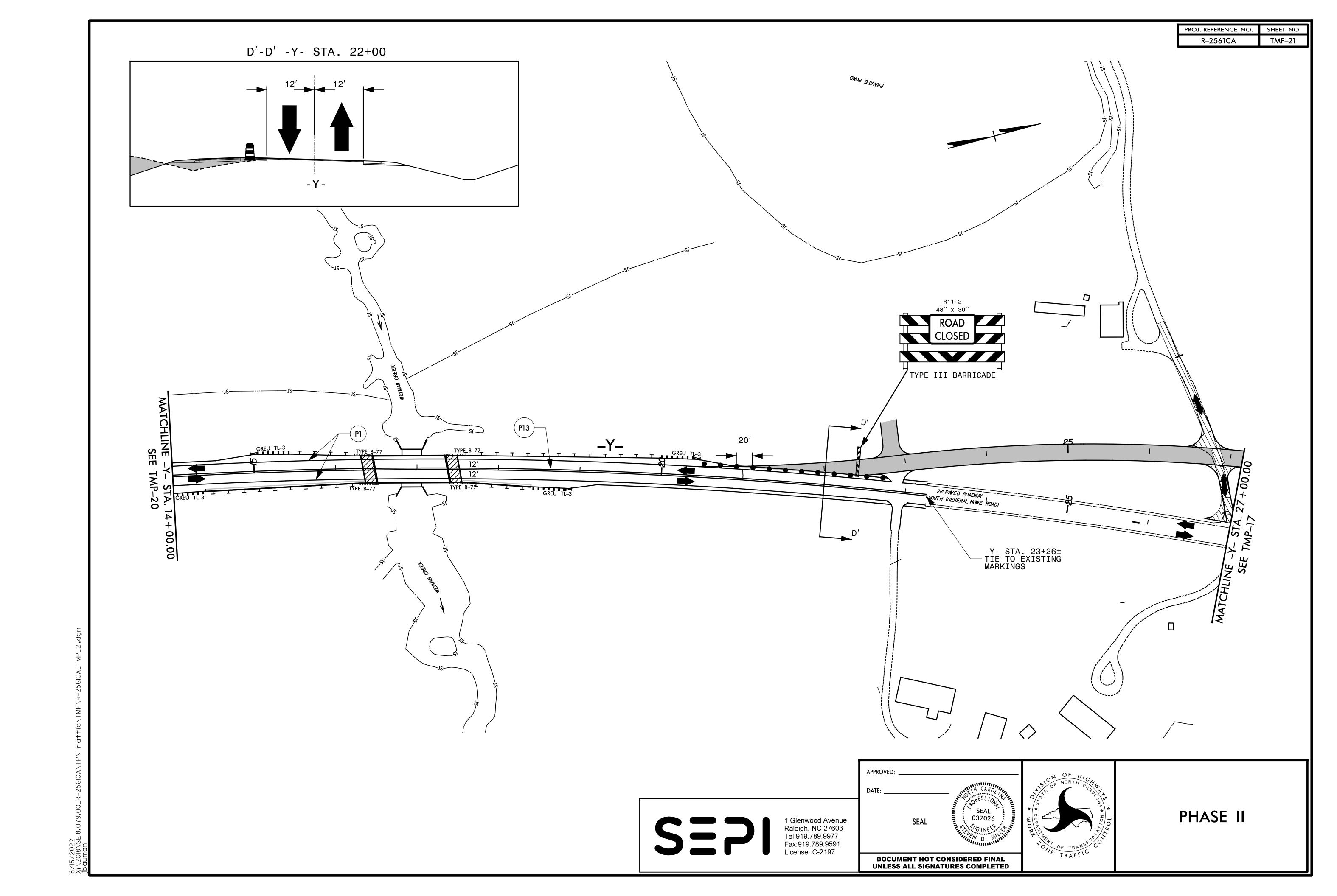
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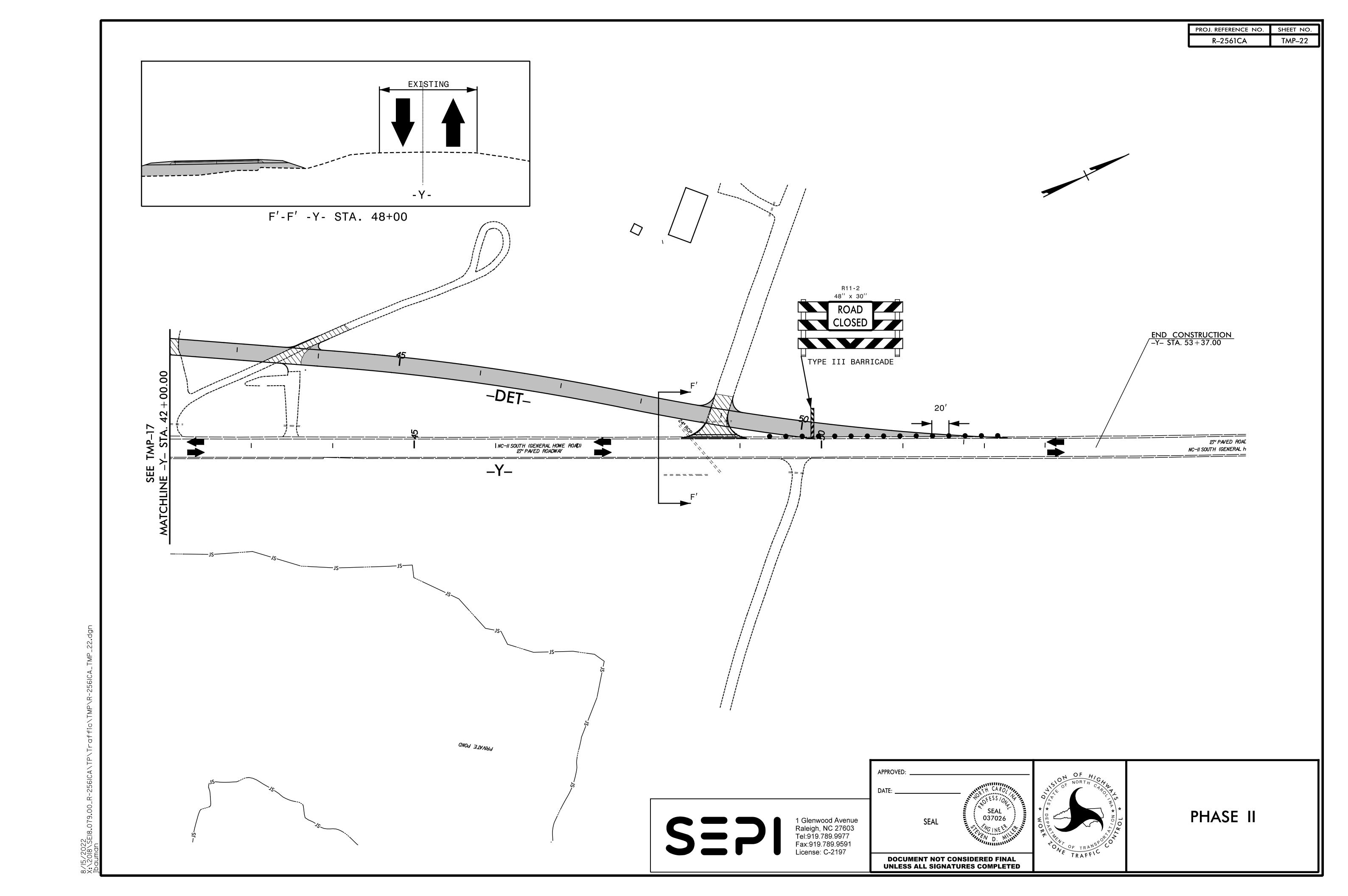
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NORTH CARROL

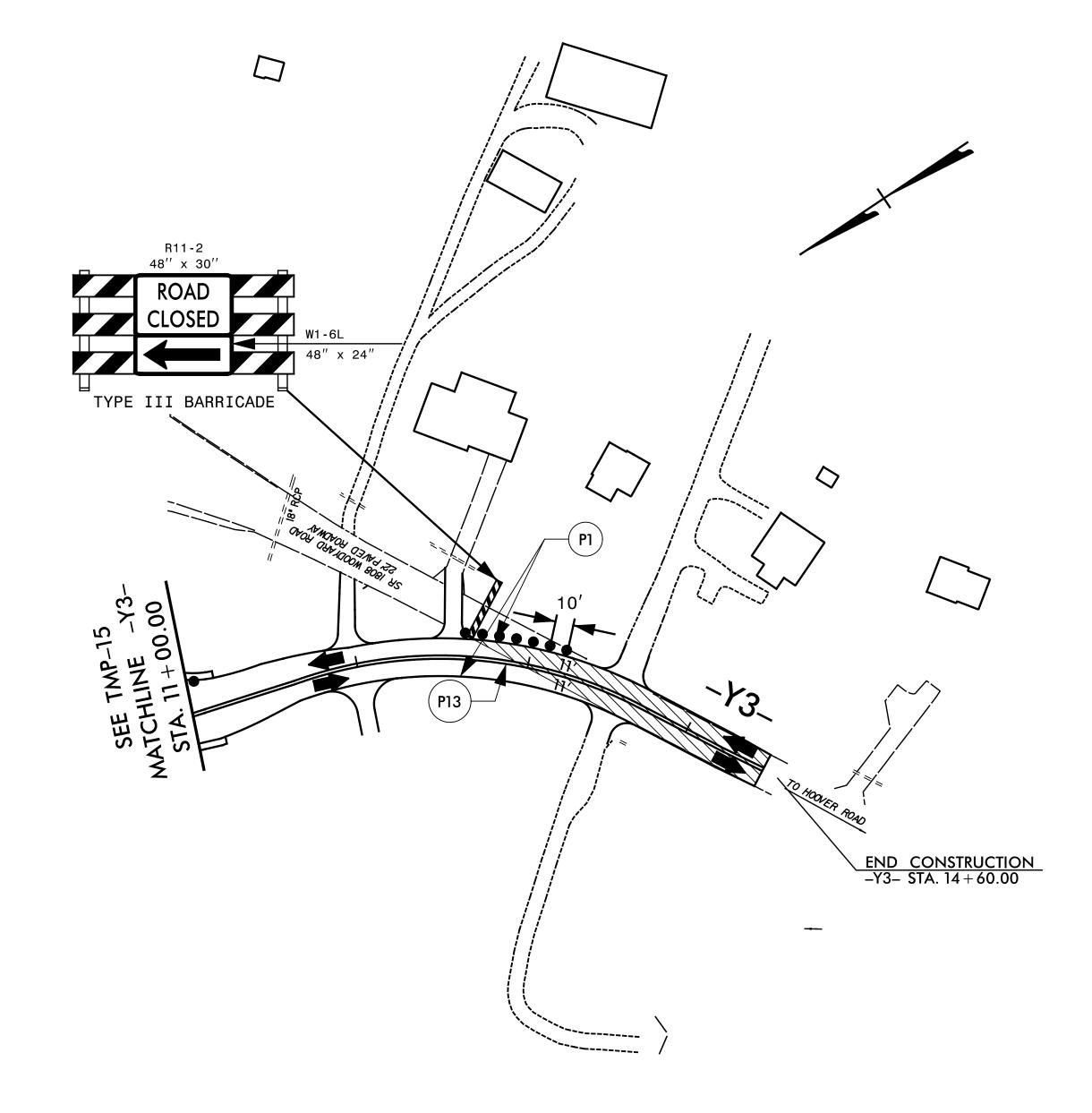
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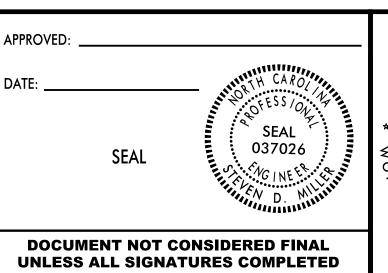
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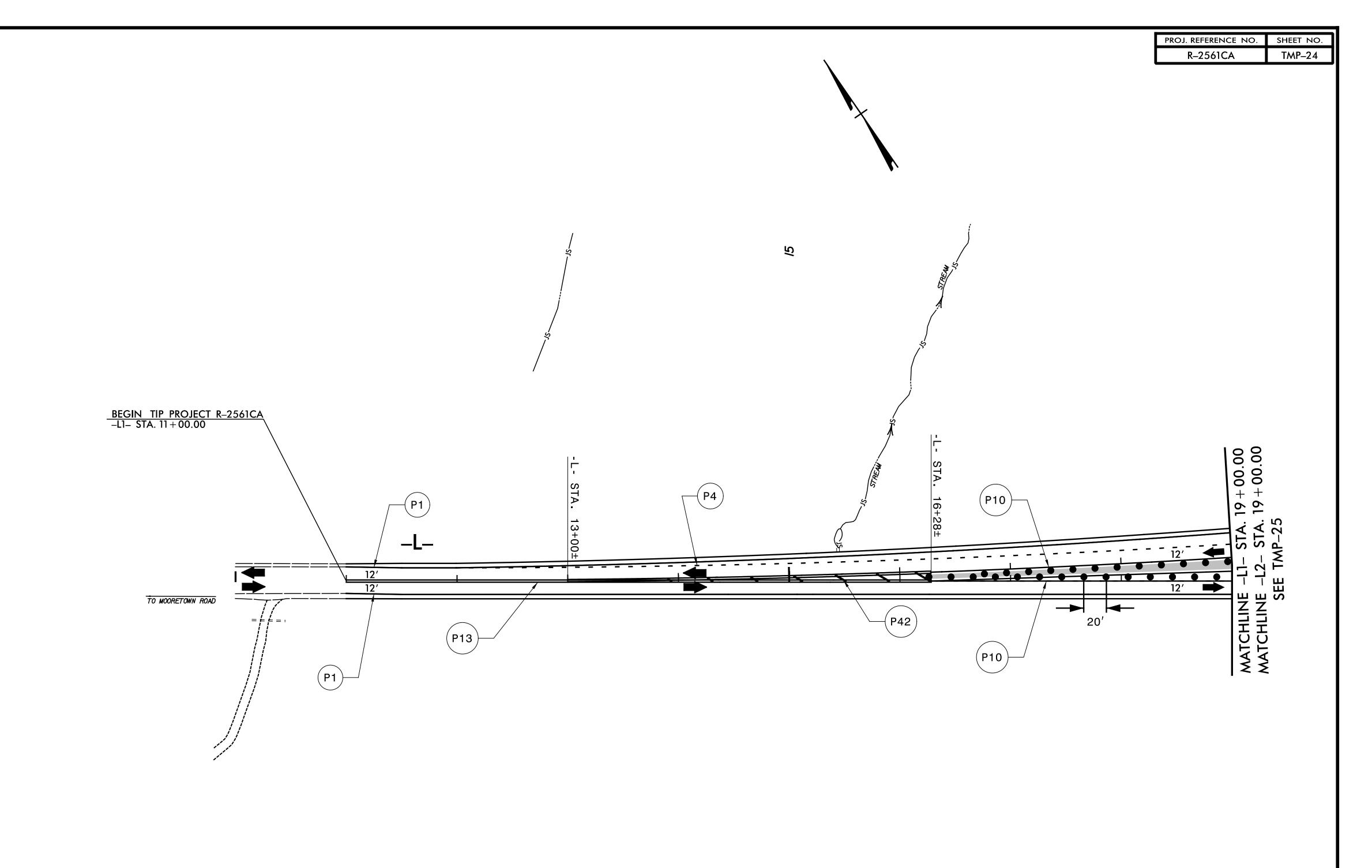


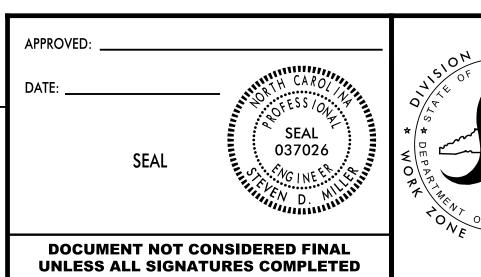
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R-2561CA	TMP-23



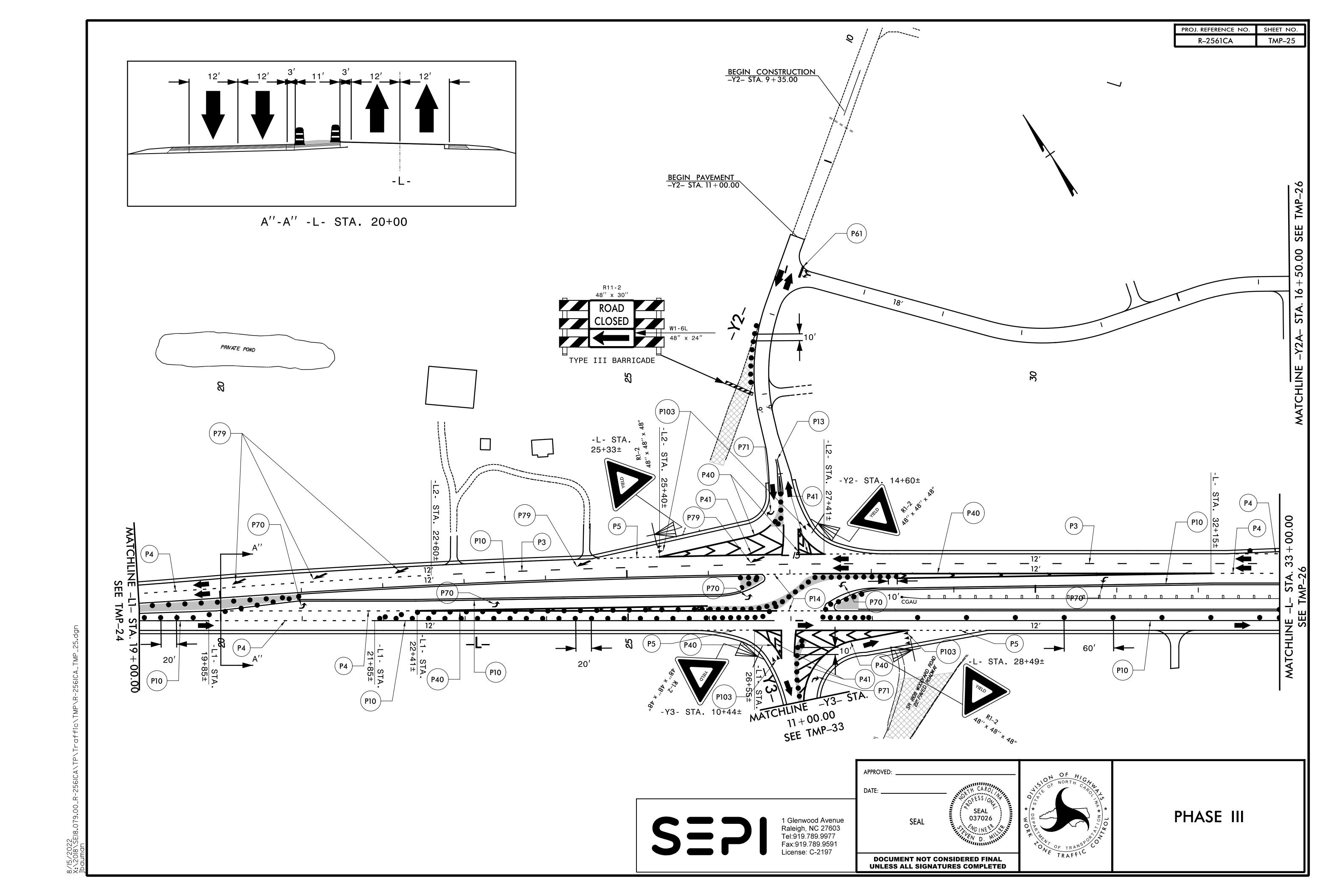


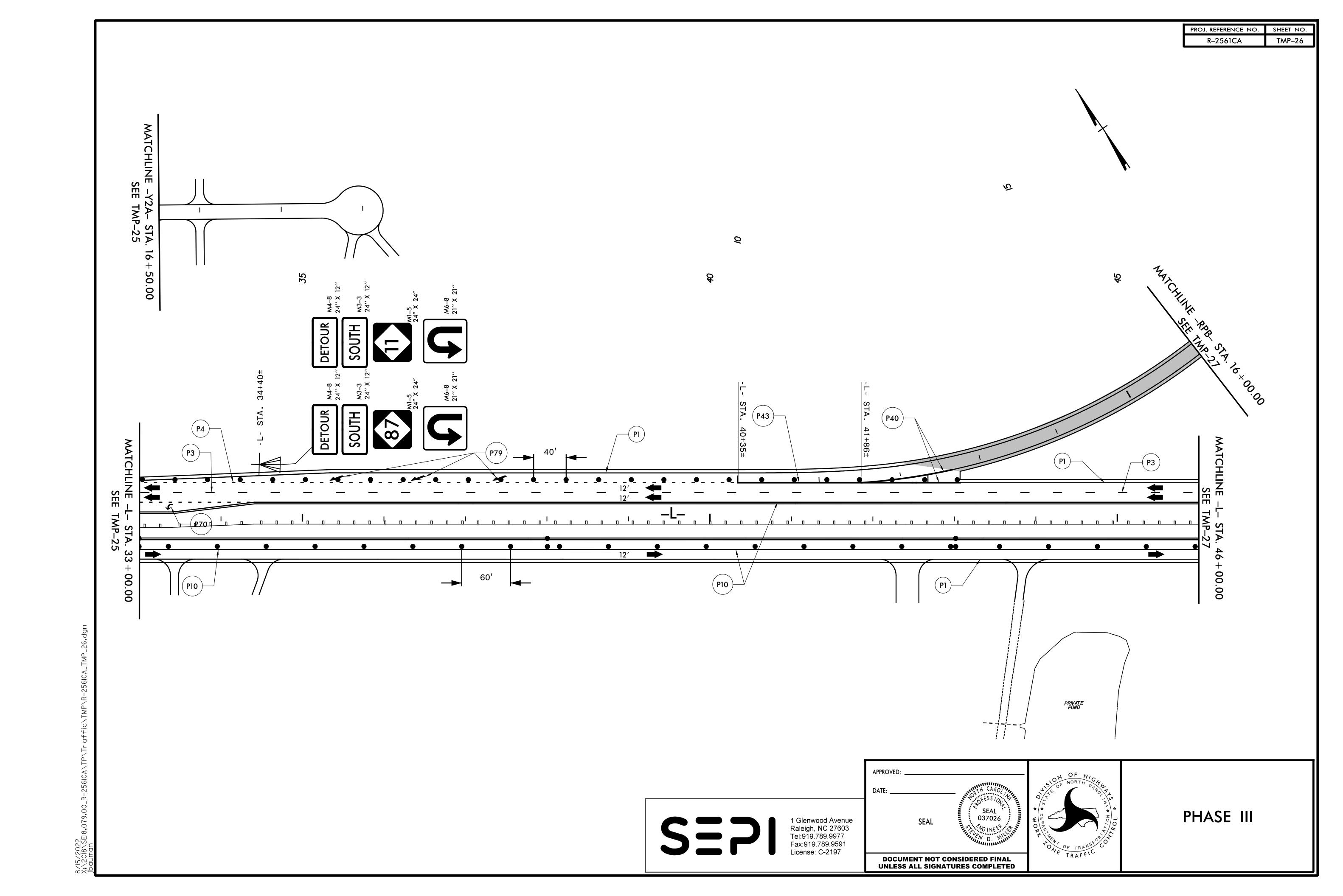
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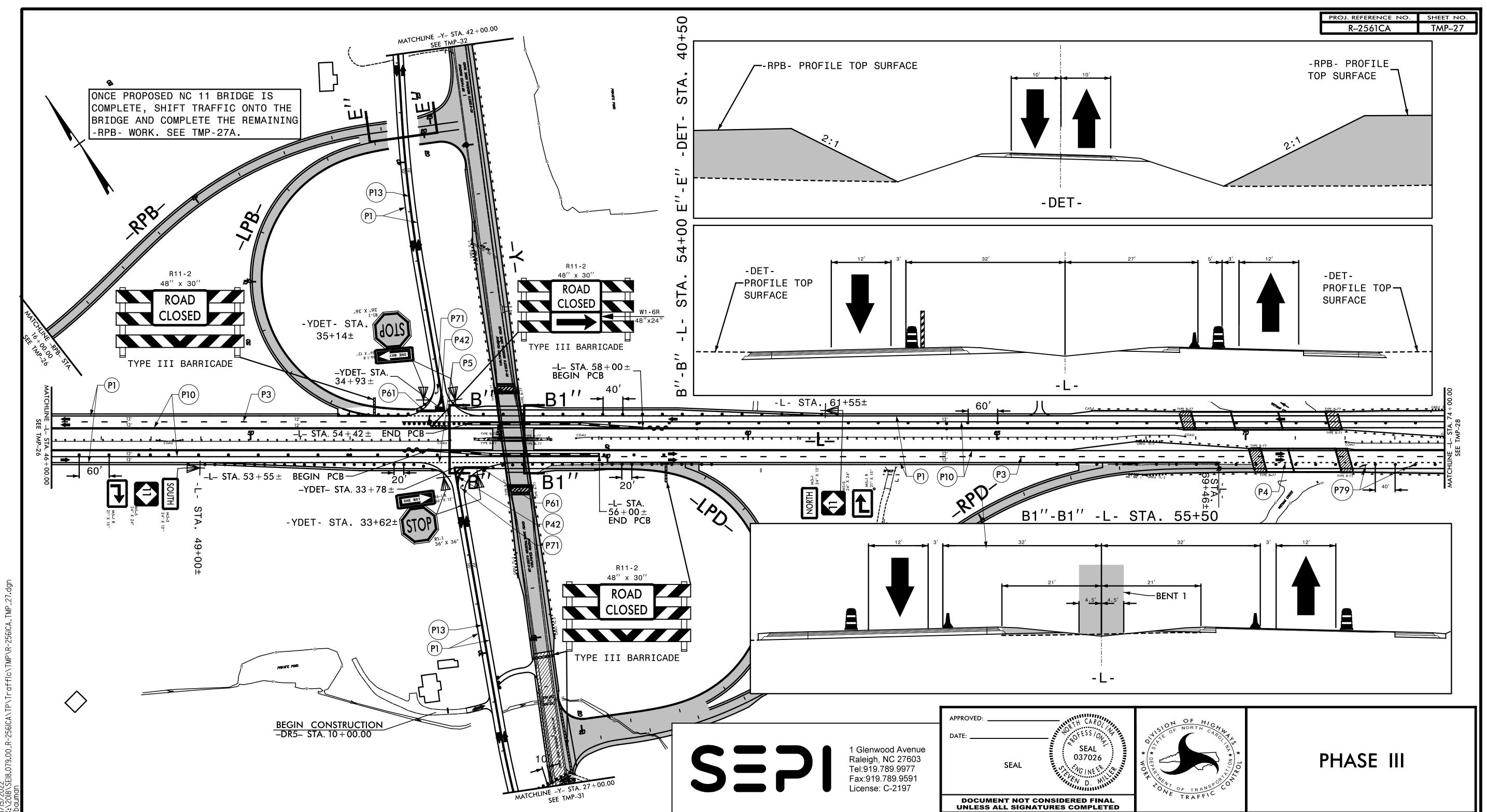


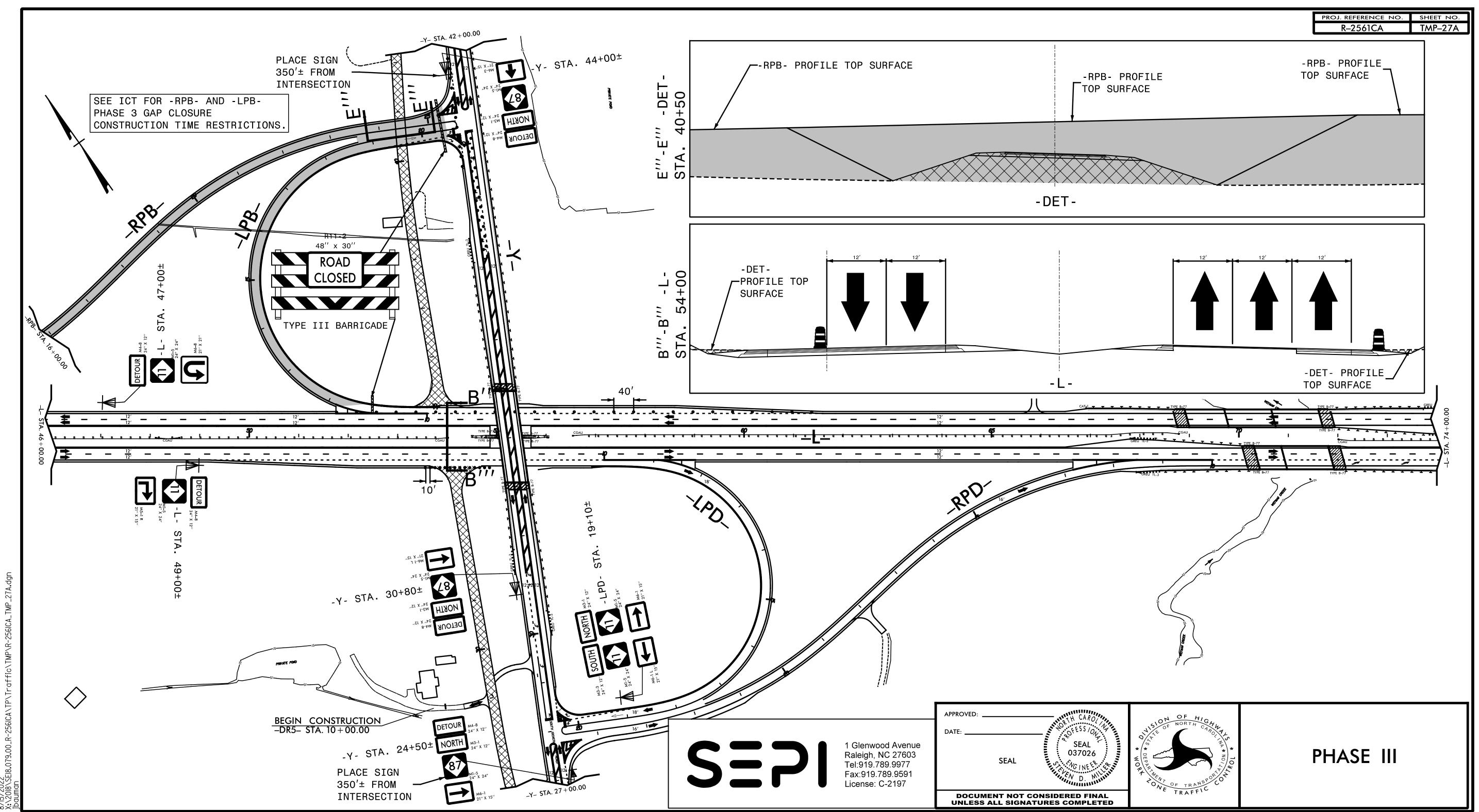


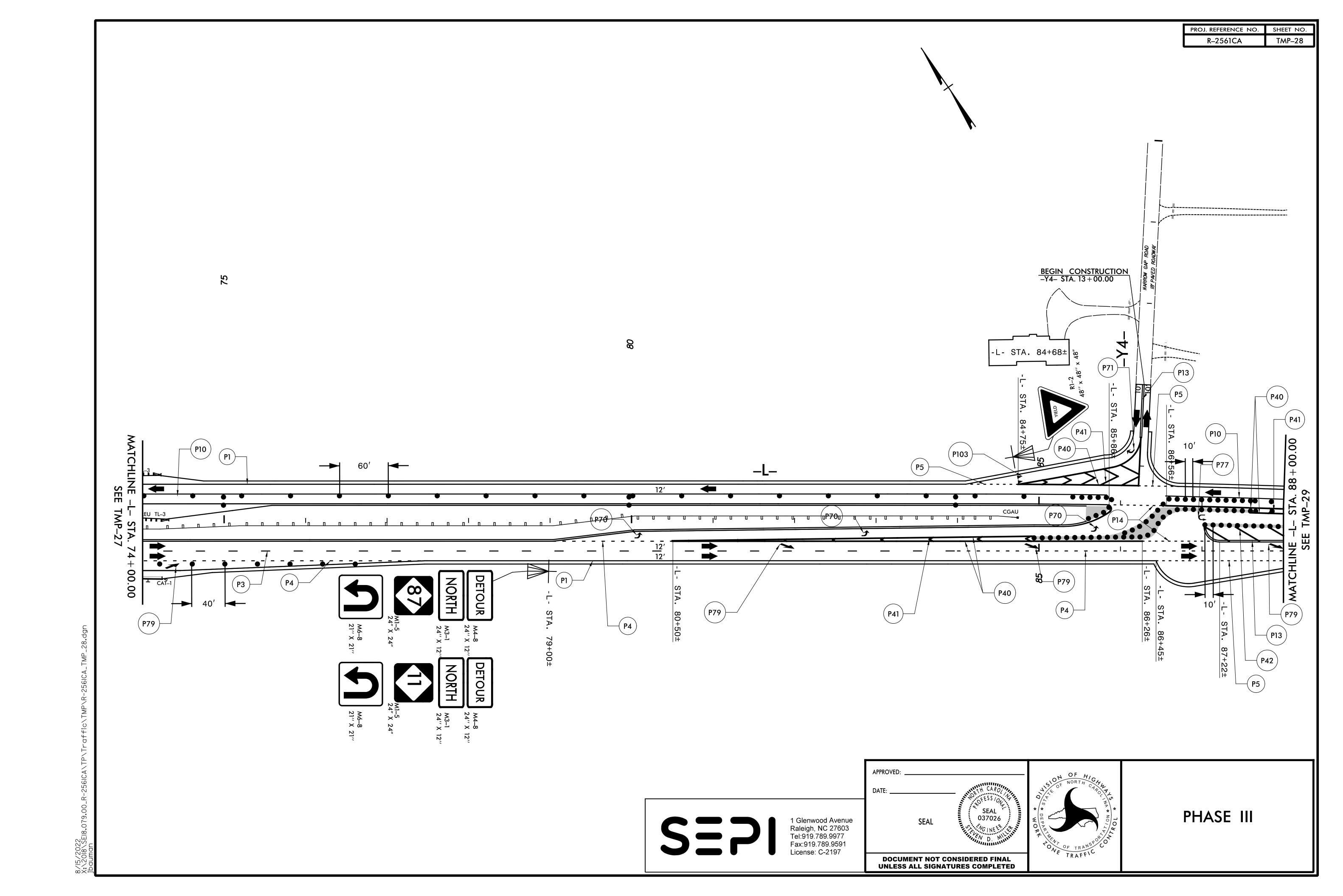
PHASE III

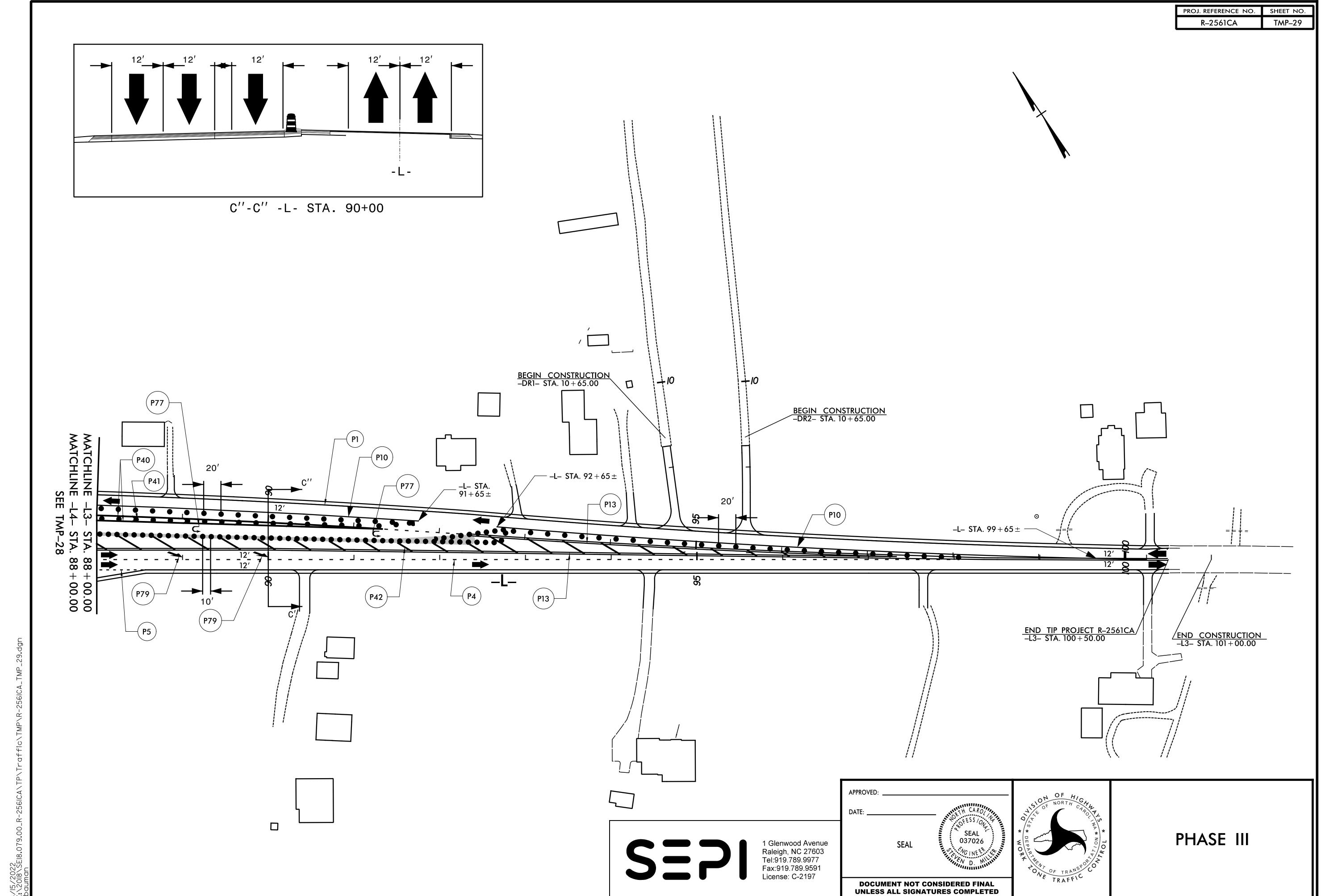








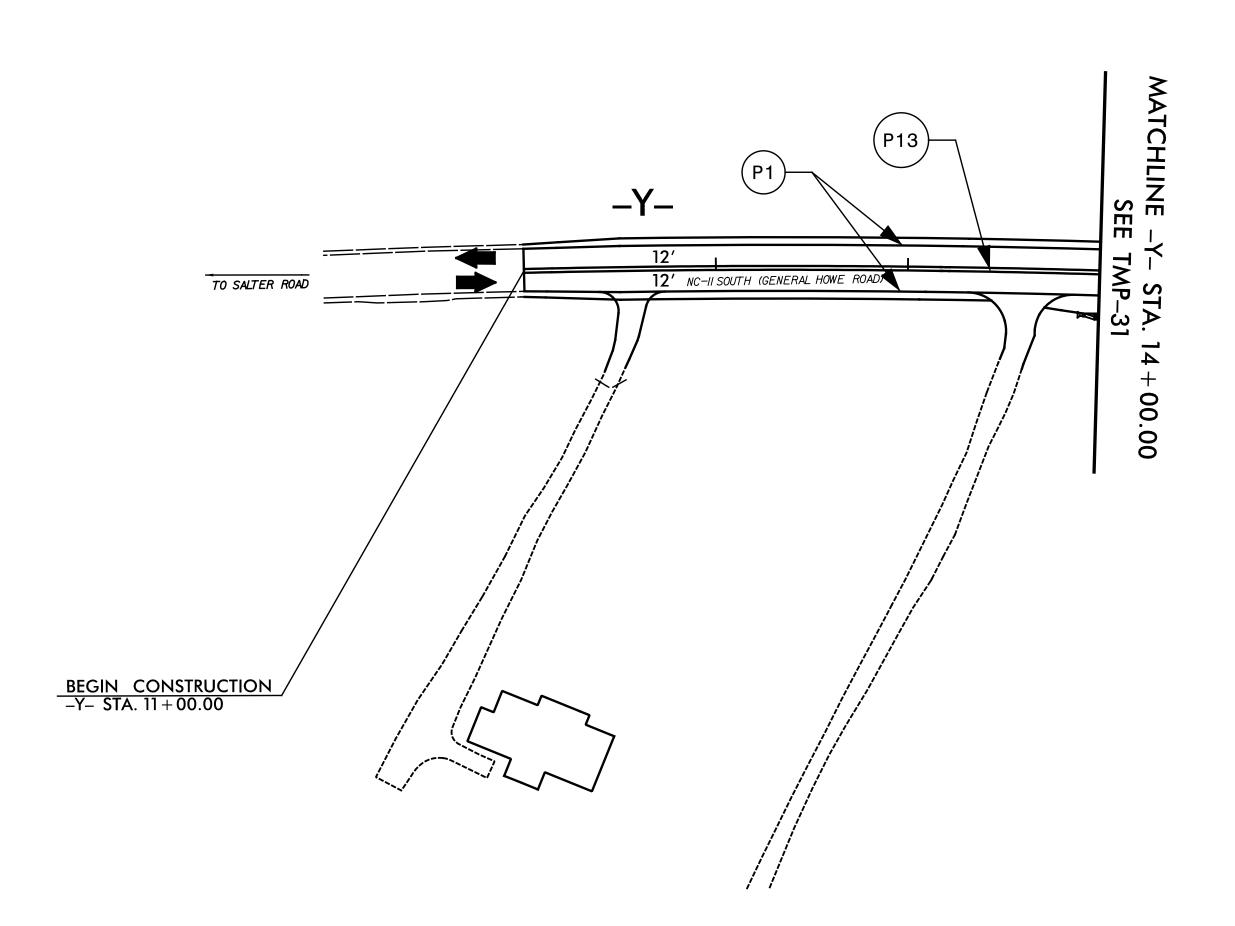




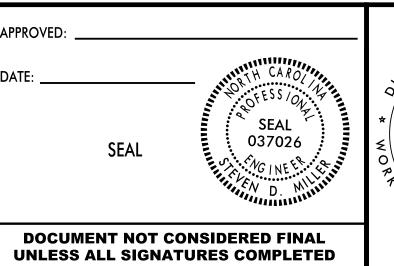
PROJ. REFERENCE NO.	SHEET NO.
R-2561CA	TMP-30



2

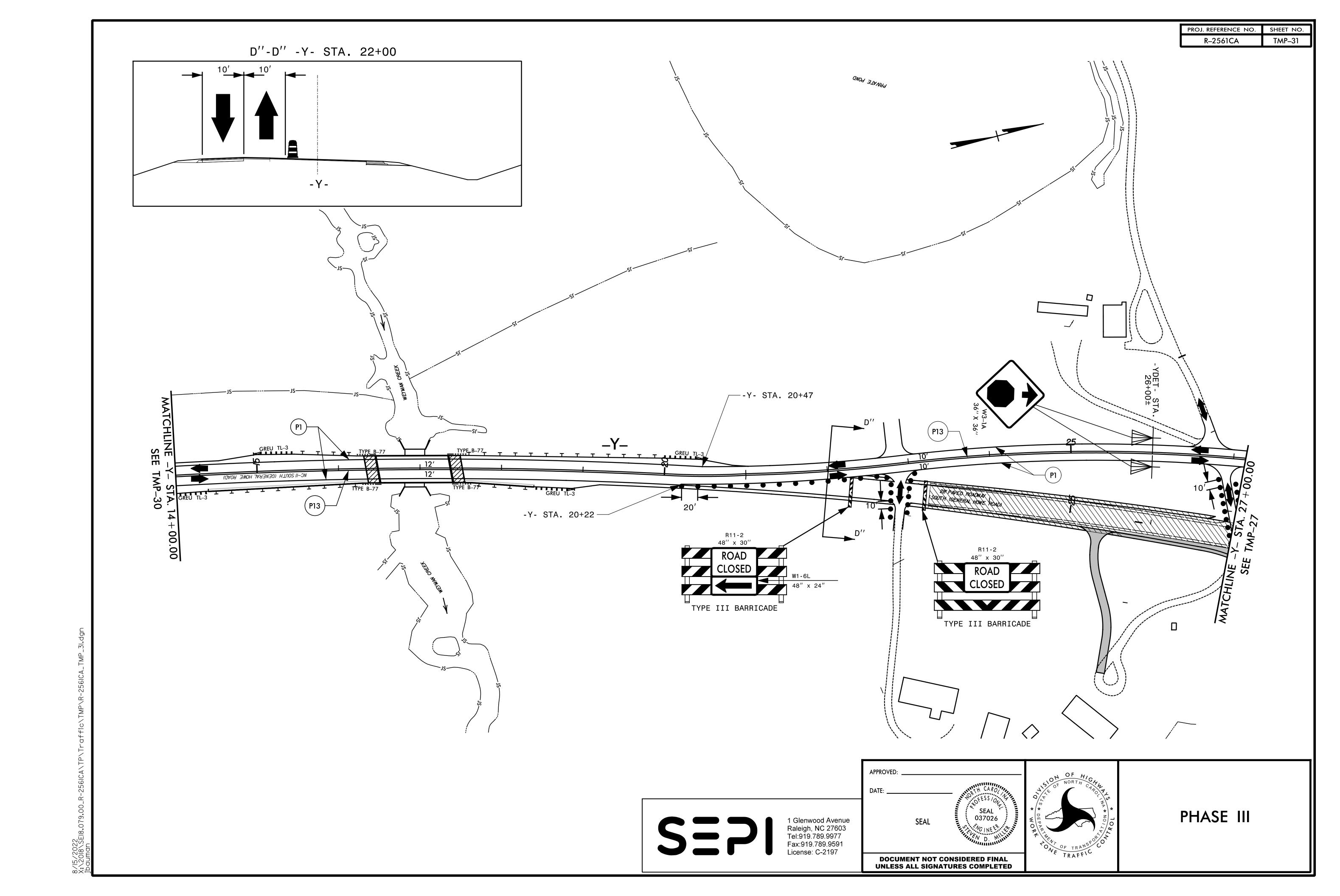


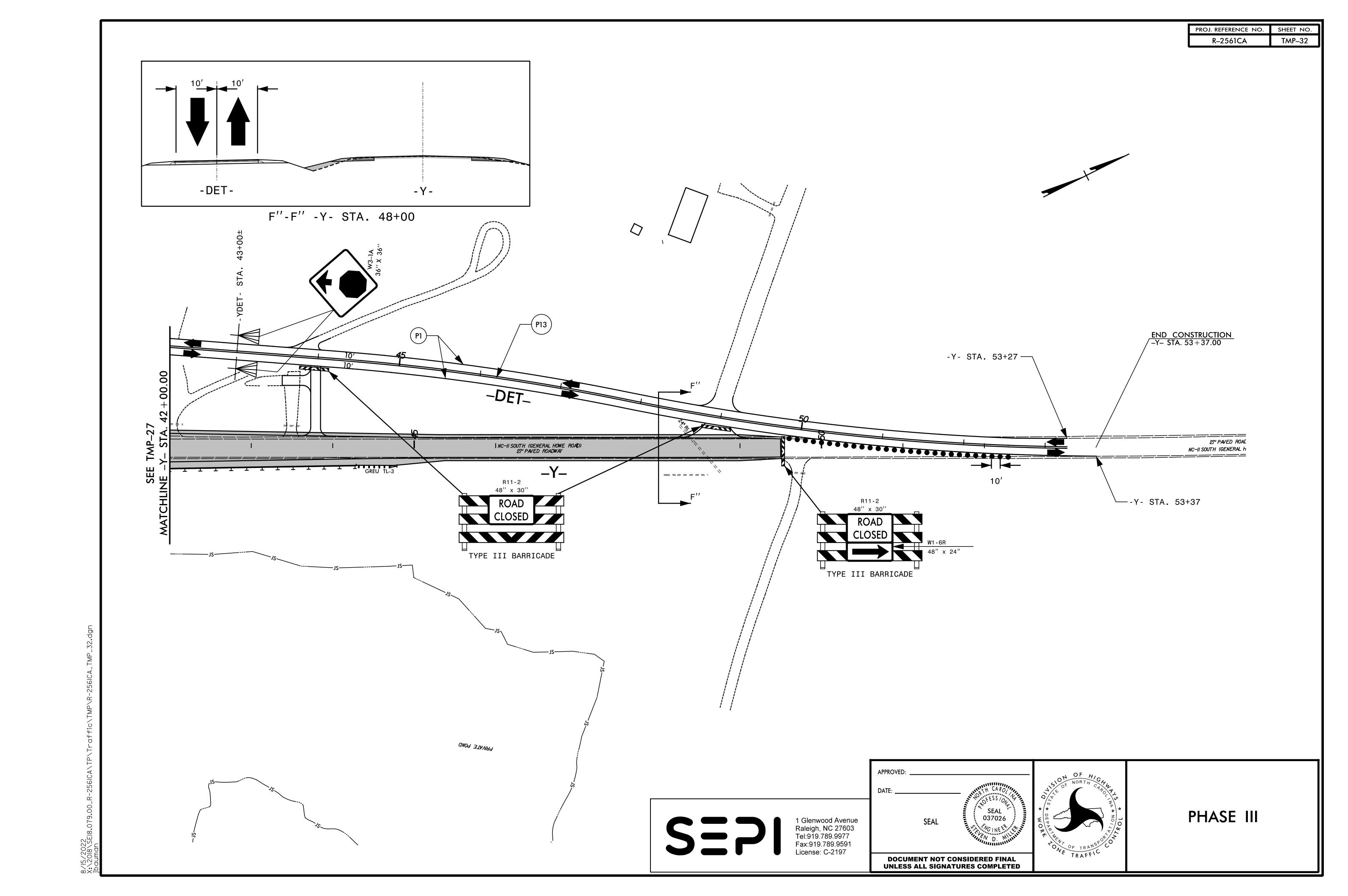
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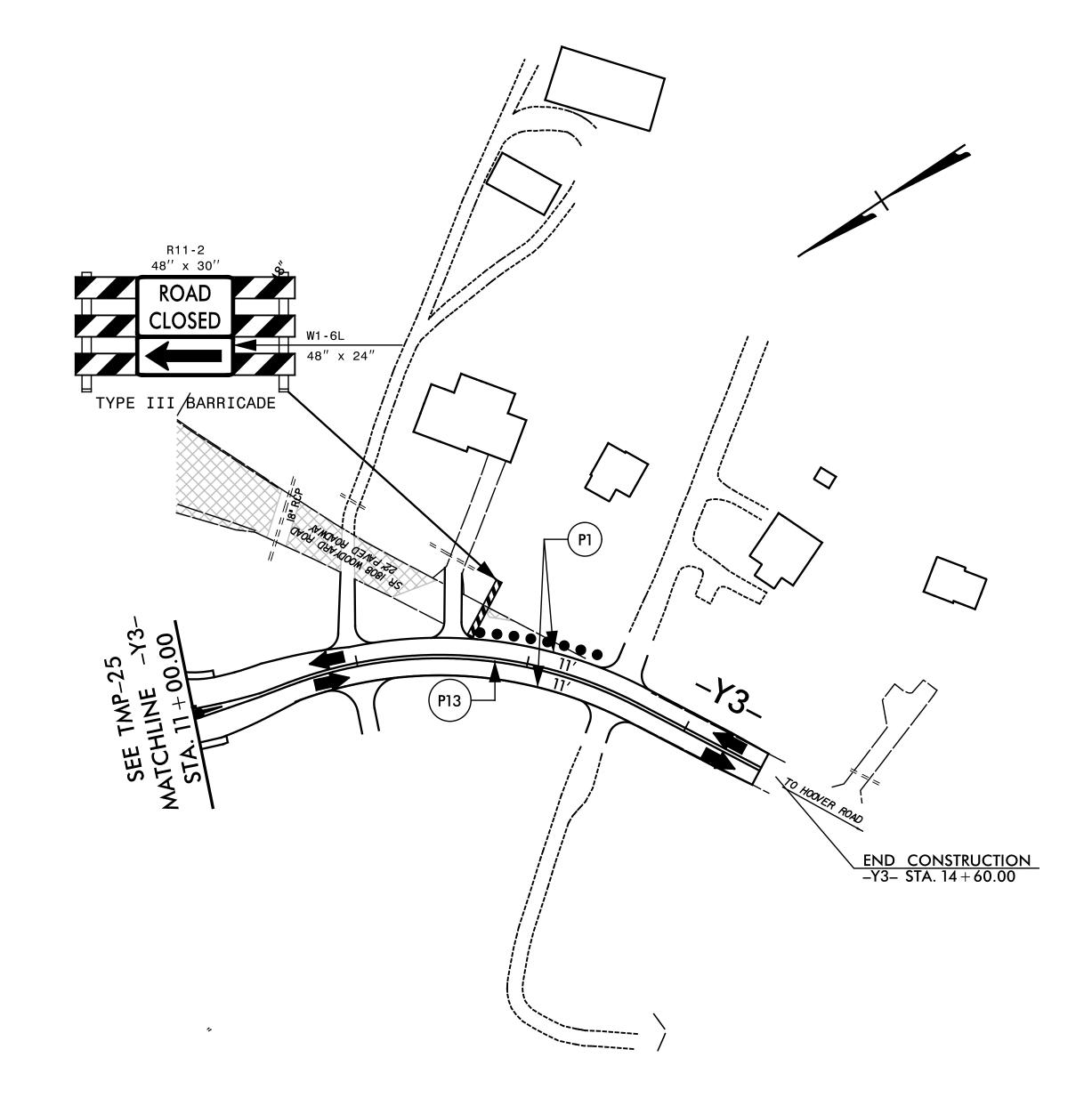


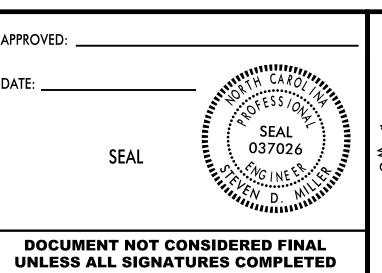
PHASE III





PROJ. REFERENCE NO.	SHEET NO.
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OF HIGHWAY OF TRAFFIC

PHASE III

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