### STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

STATE PROJECT REFERENCE NO. B-4138 TCP-1

# PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

# HARNETT COUNTY

### ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS". PROJECT SERVICES UNIT-N.C. DEPARTMENT OF TRANSPORTATION-RALEIGH, N.C., DATED JULY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

| STD. NO. | <u>TITLE</u>                                    |
|----------|-------------------------------------------------|
| 1101.02  | TEMPORARY LANE CLOSURES                         |
| 1101.03  | TEMPORARY ROAD CLOSURES                         |
| 1101.04  | TEMPORARY SHOULDER CLOSURES                     |
| 1101.05  | WORK ZONE VEHICLE ACCESSES                      |
| 1101.11  | TRAFFIC CONTROL DESIGN TABLES                   |
| 1110.01  | STATIONARY WORK ZONE SIGNS                      |
| 1110.02  | PORTABLE WORK ZONE SIGNS                        |
| 1115.01  | FLASHING ARROW PANELS                           |
| 1130.01  | DRUM                                            |
| 1135.01  | CONES                                           |
| 1145.01  | BARRICADES                                      |
| 1165.01  | TRUCK MOUNTED IMPACT ATTENUATOR                 |
| 1180.01  | SKINNY-DRUM                                     |
| 1205.01  | PAVEMENT MARKINGS - LINE TYPES & OFFSETS        |
| 1205.04  | PAVEMENT MARKINGS - INTERSECTIONS               |
| 1205.05  | PAVEMENT MARKINGS - TURN LANES                  |
| 1205.02  | PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS |
| 1205.08  | PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES     |
| 1205.11  | PAVEMENT MARKINGS - RAILROAD CROSSINGS          |
| 1205.12  | PAVEMENT MARKINGS - BRIDGES                     |
| 1250.01  | PAVEMENT MARKER SPACING                         |
| 1251.01  | RAISED PAVEMENT MARKERS (TEMPORARY & PERMANENT) |
|          |                                                 |

### INDEX OF SHEETS

TCP-6 THRU TCP-12

TCP-13 THRU TCP-15

#### SHEET NO. **TITLE** TCP-1 LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND AND INDEX OF SHEETS TCP-2 PROJECT NOTES TCP-3 PHASING TCP-4 THRU TCP-5 PHASE I

PHASE II

PHASE III

### **LEGEND**

#### **GENERAL**

◆ DIRECTION OF TRAFFIC FLOW

───── NORTH ARROW

— PROPOSED PVMT. ----- EXIST. PVMT.

**WORK AREA** 

REMOVAL OF EXISTING PAVEMENT

#### TRAFFIC CONTROL DEVICES

T TYPE I BARRICADE

TYPE III BARRICADE

▲ CONE

SKINNY DRUM

FLASHING ARROW PANEL (TYPE C)

── STATIONARY SIGN

PORTABLE SIGN

STATIONARY OR PORTABLE SIGN

WARNING FLAGS

→ CRASH CUSHION

CHANGEABLE MESSAGE SIGN

TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)

POLICE

- FLAGGER

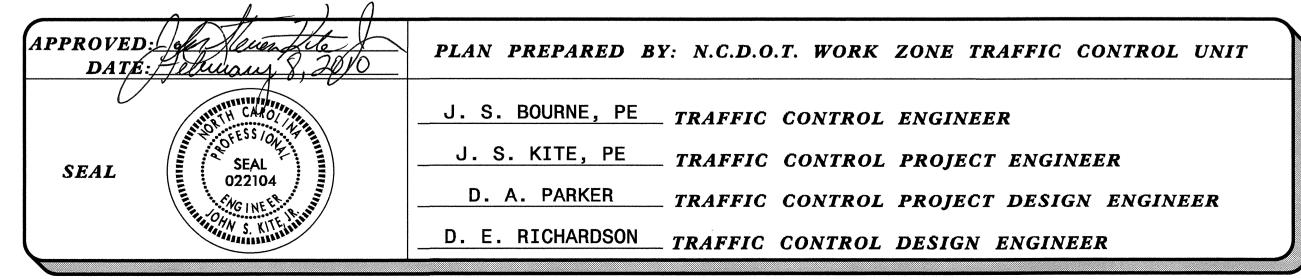
#### PAVEMENT MARKINGS

CRYSTAL/CRYSTAL PAVEMENT MARKER

YELLOW/YELLOW PAVEMENT MARKER

CRYSTAL/RED PAVEMENT MARKER

PAVEMENT MARKING SYMBOLS



### PROJECT NOTES

| PROJ. REFERENCE NO. | SHEET NO. |
|---------------------|-----------|
| B-4138              | TCP-2     |
|                     | 101-2     |

### GENERAL NOTES

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

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

#### TIME RESTRICTIONS

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

ROAD NAME

DAY AND TIME RESTRICTIONS

-L- US 401 MONDAY THRU FRIDAY 6AM TO 9AM AND 3PM TO 6PM

-L- US 401 MONDAY THRU SUNDAY 6AM TO 10PM (DURING 2 LANE 2 WAY PATTERNS)

B) DO NOT STOP TRAFFIC AS FOLLOWS:

(DURING 4 LANE 2 WAY PATTERNS)

ROAD NAME DAY AND TIME RESTRICTIONS

DURATION AND OPERATION

-L- US 401

6AM TO 10PM

MONDAY THRU FRIDAY

15 MINS
TRAFFIC SHIFTS

C) 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

- 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.

#### PAVEMENT EDGE DROP OFF REQUIREMENTS

H) 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.

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

#### TRAFFIC PATTERN ALTERATIONS

J) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

#### SIGNING

- K) 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.
- L) PROVIDE PERMANENT SIGNING.
- 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.

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

#### TRAFFIC CONTROL DEVICES

- P) 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 WHEN LANE CLOSURES ARE NOT IN EFFECT. WHEN SKINNY DRUMS ARE ALLOWED REFER TO SECTION 1180 OF STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES OR AS SHOWN IN THE PLANS.
- Q) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- R) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES
  PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN
  UNOPENED LANES ARE CLOSED TO TRAFFIC.

#### PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME MARKING MARKER

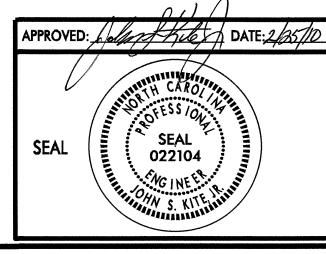
ALL ROADS PAINT TEMP RAISED
BRIDGE COLD APPLIED TEMP RAISED
PLASTIC TYPE IV

- T) 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.
- U) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- V) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- W) TRACE THE PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO INSTALLATION.

  PLACE DRUMS TO DELINEATE ANY PROPOSED MONOLITHIC ISLANDS BEFORE INSTALLATION

#### MISCELLANEOUS

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



### PROJECT NOTES

SCALE: NONE

DATE: 03/09

DWG. BY: DR

DESIGN BY: DR

REVIEWED BY: DP



REVISIONS

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#### PHASE I

NOTE: THE WORK OF PHASE 1, STEP 1 MAY REQUIRE PORTABLE TRAFFIC SIGNAL SYSTEM(S) TO PROVIDE SAFE INGRESS/EGRESS OF HAUL/DELIVERY VEHICLES ACROSS THE US 401 MEDIAN. ONCE ACCESS LOCATIONS HAVE BEEN DETERMINED, SUBMIT A PLAN FOR INGRESS/EGRESS TO THE RESIDENT ENGINEER FOR APPROVAL. IF THE APPROVED PLAN REQUIRES A PORTABLE TRAFFIC SIGNAL, THE DEPARTMENT WILL PROVIDE GUIDANCE ON PROPER APPLICATION UPON REQUEST (SEE TCP-4 AND SPECIAL PROVISION FOR PORTABLE TRAFFIC SIGNAL SYSTEM.)

STEP 1 -- AWAY FROM TRAFFIC, CONSTRUCT THE PROPOSED SB BRIDGE AND APPROACHES UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -SBL- 26+00+/- TO 39+50+/- (SEE TCP-4 AND RSD 1101.02, SHEET 3). NOTE: GRADING AND PAVING BEYOND THESE LIMITS WILL BE ALLOWED PROVIDED THE DRAINAGE IS MAINTAINED AND THE EXISTING PAVEMENT IS NOT AFFECTED.

#### PHASE II

COMPLETE THE WORK OF PHASE II, STEP 1 THRU PHASE IV, STEP 2 IN ONE HUNDRED (100) CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

COMPLETE THE WORK OF PHASE II, STEPS 1 THRU 4 BETWEEN 7:00 P.M. FRIDAY AND 5:00 A.M. THE FOLLOWING MONDAY. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES

- STEP 1 -- INSTALL THE TRAFFIC CONTROL FOR US 401 NB AS SHOWN ON TCP-6 AND PLACE US 401 NB IN A ONE LANE, ONE WAY TRAFFIC PATTERN. (NOTE: PLACE DRUMS ALONG CENTERLINE TO KEEP LANE CLOSED FROM STA. 16+00 TO WHERE TRAFFIC IS RETURNED TO EXISTING PATTERN.)
  - -- INSTALL THE PHASE II MARKINGS AND DEVICES IN THE NB DIRECTION AS SHOWN ON SHEETS TCP-6 THRU 9.
- STEP 2 -- USING WEAVE DETAIL ON TCP-10, PLACE SB TRAFFIC IN THE LEFT LANE. USING SIGN W1-4R (SHIFT RIGHT), AND A DRUM SHIFTING TAPER, SWITCH TRAFFIC BACK INTO THE RIGHT LANE AND INSTALL TRAFFIC CONTROL DEVICES AND TEMPORARY MARKINGS/MARKERS (INCLUDING EXISTING LINE REMOVAL) FOR THE PHASE II TRAFFIC PATTERN, AS MUCH AS POSSIBLE, FOR THE SB DIRECTION AS SHOWN ON TCP-6 AND TCP-10.
  - -- WITH THE INSIDE LANES OF BOTH DIRECTIONS OF US 401 NOW CLOSED, CONSTRUCT THE TEMPORARY CROSSOVER PAVEMENT FROM -SBLDET- STA. 10+00 +/- TO 16+75 +/- (SEE TCP-5)
- STEP 3 -- USING POLICE ASSISTANCE, STOP SB TRAFFIC AND PLACE TIE-IN MARKINGS AND ADJUST DEVICES FOR THE PHASE II PATTERN.
- STEP 4 -- USING POLICE ASSISTANCE, SLOW/DIRECT/PACE TRAFFIC INTO THE PHASE II PATTERN AS DETAILED ON SHEETS TCP-6 THRU TCP-10.
  - -- USING RSD 1101.03 SHEET 1 OF 9, TCP-7, AND TCP-11, CLOSE -Y- (TENTH STREET) AND DETOUR TRAFFIC, INCLUDING ALL SOUTHBOUND TRUCK TRAFFIC.
- STEP 5 -- AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING UP TO, BUT NOT INCLUDING THE FINAL SURFACE COURSE:
  - -SBL- STA 15+00+/- TO 26+00+/- (SEE TCP-7 AND TCP-8)
    -SBL- STA 39+50+/- TO 48+00+/- (SEE TCP-8 AND TCP-9)
    -Y- STA 17+00 TO 20+64 (SEE TCP-8)
  - -- AWAY FROM TRAFFIC BEGIN REMOVAL OF EXISTING STRUCTURE AND CONSTRUCTION OF MEDIAN DRAINAGE

#### PHASE III

- STEP 1 -- AWAY FROM TRAFFIC, PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS ON -SBL- AND -Y- AS MUCH AS POSSIBLE FOR THE PHASE III TRAFFIC PATTERN. (SEE TCP-14 AND TCP-15)
- STEP 2 -- USING POLICE ASSISTANCE TO STOP SB TRAFFIC, RESET THE TAPER, RELOCATE THE FAP, AND CHANGE CMS MESSAGING NORTH OF THE BRIDGE AND REMOVE/REPLACE MARKINGS FOR THE PHASE III PATTERN SOUTH OF THE BRIDGE AND PLACE SB TRAFFIC IN THE PROPOSED PHASE III SB PATTERN.
- STEP 3 -- CONSTRUCT THE -NBLDET- FROM -NBLDET- STA. 10+00 +/TO STA. 17+61 +/-
- STEP 4 -- USING POLICE ASSISTANCE TO STOP NB TRAFFIC, RESET THE TAPER, RELOCATE THE FAP, AND CHANGE CMS MESSAGING SOUTH OF THE BRIDGE AND REMOVE/REPLACE NB MARKINGS FOR THE PHASE III PATTERN SOUTH OF THE BRIDGE. PACE NB TRAFFIC INTO THE CROSSOVER AND OPEN TO PHASE III TRAFFIC PATTERN.
- STEP 5 -- AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING UP TO, BUT NOT INCLUDING THE FINAL SURFACE COURSE:

-NBL- STA 14+25+/- TO 21+00+/- INCLUDING CULVERT REMOVAL AND PROPOSED DRAINAGE (SEE TCP-14)

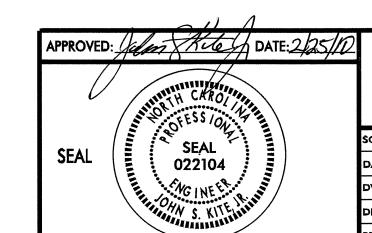
-- AS MUCH AS POSSIBLE AND AWAY FROM TRAFFIC, REMOVE AND REPLACE THE TEMPORARY PHASE II MARKINGS AND MARKERS IN THE NB LANES AND PLACE TEMPORARY MARKINGS FOR TWO LANE, ONE WAY TRAFFIC PATTERN.

#### PHASE IV

- STEP 1 -- USING A LANE CLOSURE AND POLICE TO SLOW/DIRECT TRAFFIC AS NECESSARY, COMPLETE THE REMOVAL OF CONFLICTING MARKINGS AND PLACE TEMPORARY MARKINGS IN THE FINAL PATTERN IN THE NB LANES AND OPEN TO TWO-LANE, ONE-WAY TRAFFIC.
- STEP 2 -- USING A LANE CLOSURE AND POLICE TO SLOW/DIRECT
  TRAFFIC AS NECESSARY, COMPLETE THE REMOVAL
  OF CONFLICTING MARKINGS AND PLACE TEMPORARY MARKINGS
  IN THE FINAL PATTERN IN THE SB LANES AND OPEN TO
  TWO-LANE, ONE-WAY TRAFFIC.
- STEP 3 -- USING LANE CLOSURES, CONSTRUCT THE FOLLOWING (SEE RSD 1101.02, SHEET 3):
  - -DET-10+00 TO 16+84 (PVMT REMOVAL) -SBL-12+90+/- TO 17+68+/- (MED SIDE) -NBL-13+05+/- TO 19+85+/- (MED SIDE)
  - -- COMPLETE REMOVAL OF EXISTING STRUCTURE AND CONSTRUCTION OF MEDIAN DRAINAGE
- STEP 4 -- USING LANE CLOSURES AND/OR FLAGGERS, PLACE FINAL LAYER OF SURFACE COURSE, INCLUDING THE MILLING AND RESURACING OF THE NB DIRECTION AND PLACE FINAL PAVEMENT MARKINGS/MARKERS THROUGHOUT THE PROJECT LIMITS. (SEE RSD 1101.02, SHEET 1 AND 3).
- STEP 5 -- REMOVE ALL REMAINING TRAFFIC CONTROL DEVICES.

# TEMPORARY PAVEMENT MARKING SCHEDULE

| SYMBOL                     | DESCRIPTION                                                                                                         | PAY ITEM/QUANTITY BREAKDOWN                             | TOTAL QUANTITY |
|----------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------|
|                            | 4" PAINT                                                                                                            |                                                         |                |
| PA<br>PB<br>PC<br>PD<br>PE | WHITE EDGELINE YELLOW EDGELINE 10 FT WHITE SKIP 2 FT WHITE MINI SKIP WHITE SOLID LANE LINE YELLOW DOUBLE CENTERLINE | 31,636 LF<br>21,636 LF<br>4474 LF<br>1044 LF<br>2272 LF | 70 050 15      |
| PI                         | YELLOW DOUBLE CENTERLINE                                                                                            | 17,796 LF                                               | 78,858 LF      |
|                            | 8" PAINT                                                                                                            |                                                         |                |
| PV                         | YELLOW DIAGONAL                                                                                                     | 1848 LF                                                 | 1848 LF        |
|                            | 24" PAINT                                                                                                           |                                                         |                |
| P4                         | WHITE STOPBAR                                                                                                       | 64 LF                                                   | 64 LF          |
|                            | 4" REMOVABLE TAPE                                                                                                   |                                                         |                |
| RA                         | WHITE EDGELINE                                                                                                      | 1856 LF                                                 |                |
| RI                         | YELLOW DOUBLE CENTERLINE                                                                                            |                                                         | 4314 LF        |
|                            | PAINT SYMBOLS                                                                                                       |                                                         |                |
| QA                         | LEFT TURN ARROW                                                                                                     | 44 EA                                                   |                |
| QB                         | RIGHT TURN ARROW                                                                                                    | 12 EA                                                   |                |
| QC                         | STRAIGHT ARROW                                                                                                      | 64 EA                                                   | 120 EA         |
|                            | TEMPORARY RAISED MARKERS                                                                                            | _                                                       |                |
| МН                         | YELLOW & YELLOW                                                                                                     | 182 EA                                                  |                |
| MI                         | CRYSTAL & WHITE                                                                                                     | 138 EA                                                  | 320 EA         |
|                            |                                                                                                                     |                                                         |                |



## PHASING & TEMP PVMT MARKING SCHEDULE

SCALE: NONE

DATE: 03/09

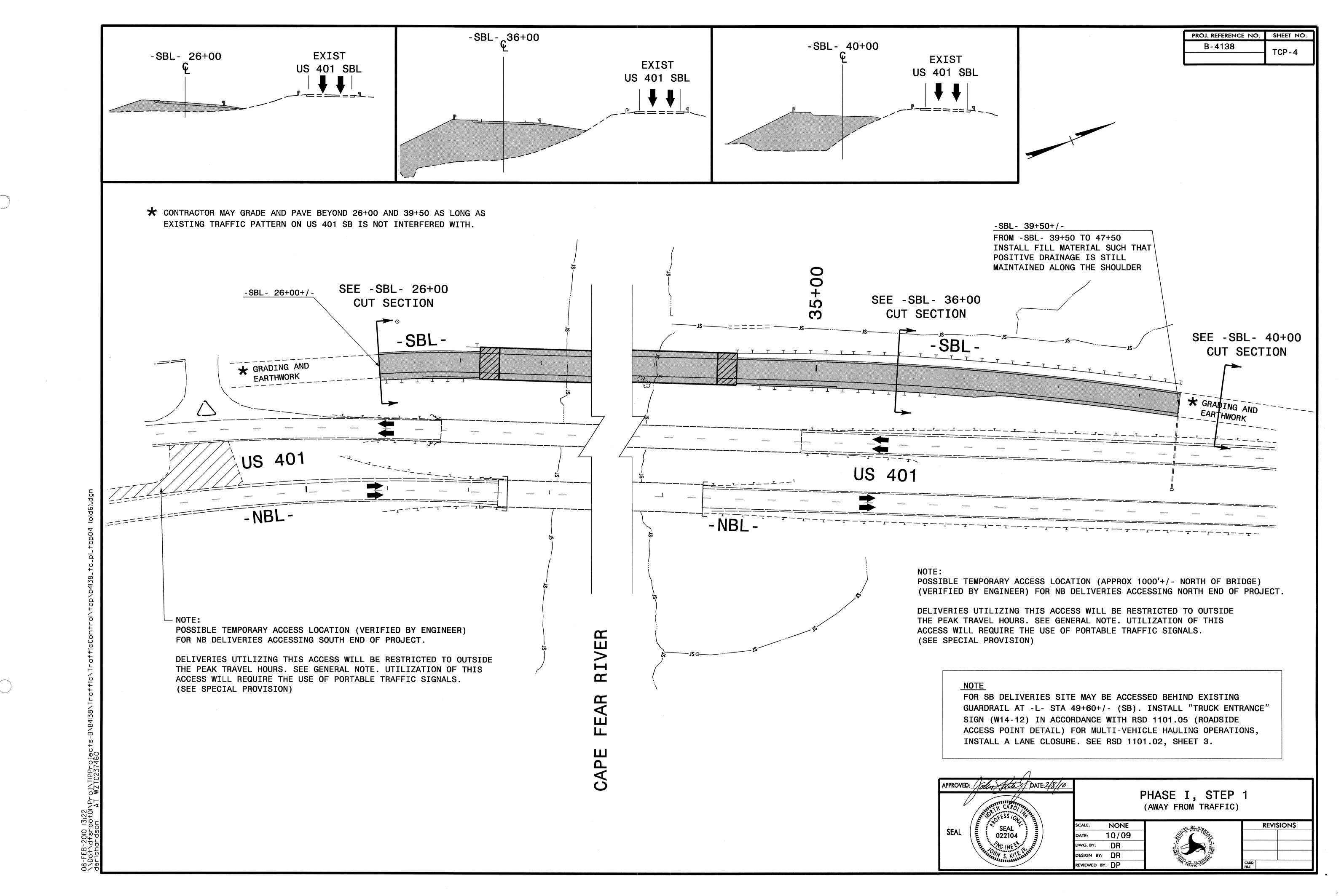
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DESIGN BY: DR

REVIEWED BY: DP



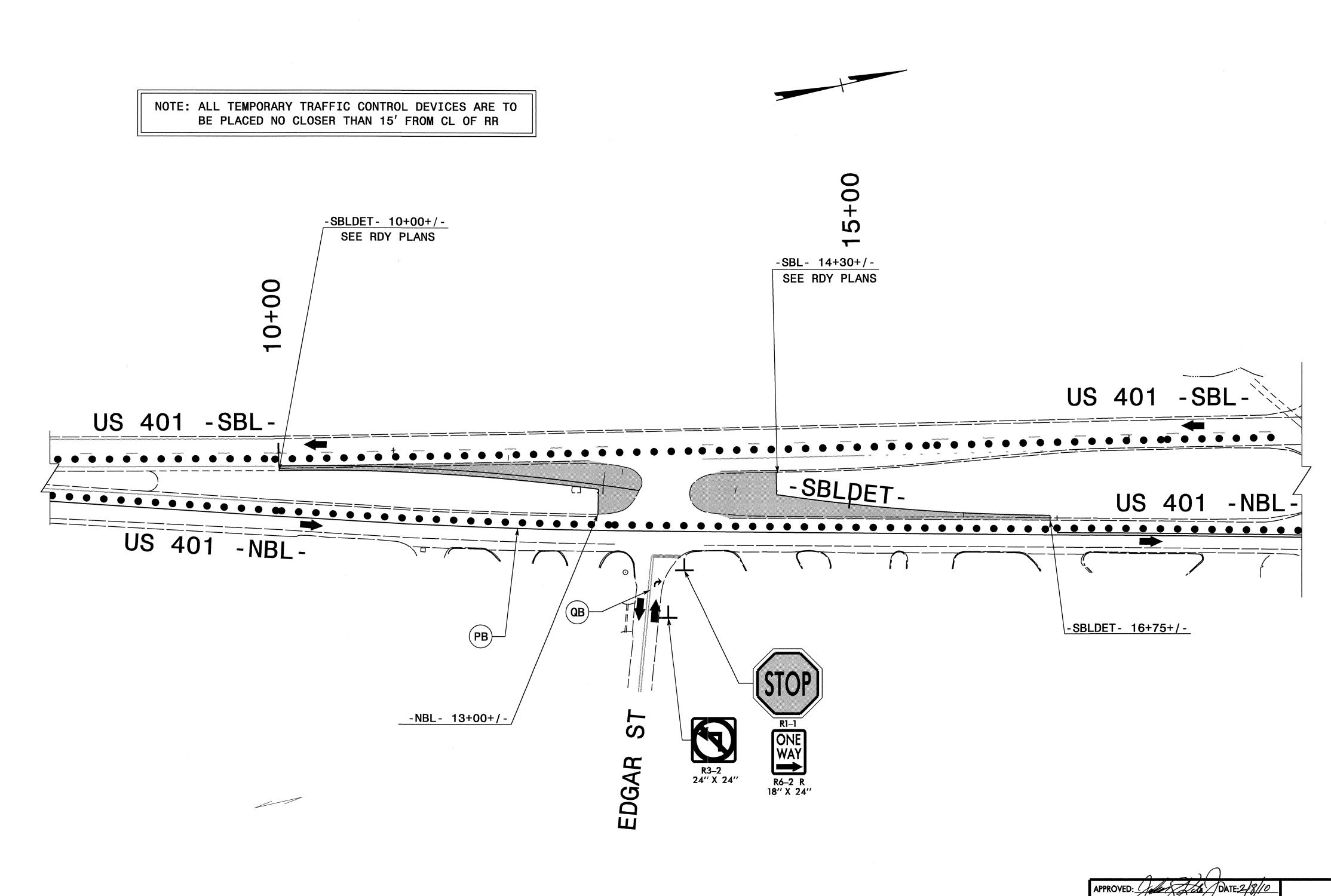
REVISIONS



PROJ. REFERENCE NO. SHEET NO.

B-4138

TCP-5



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PHASE II, STEP 2

SCALE: NONE

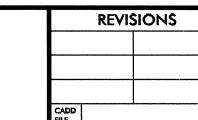
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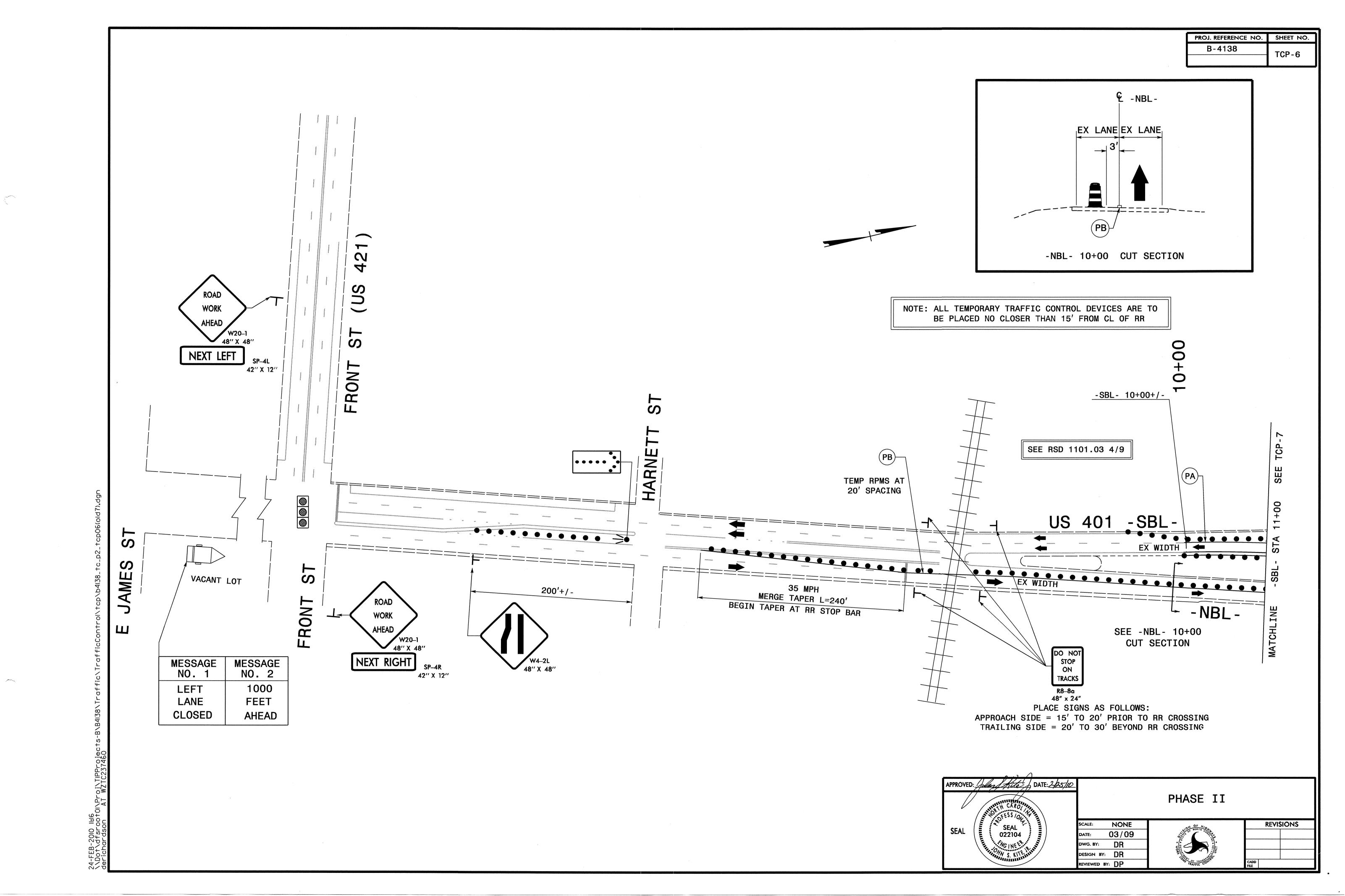
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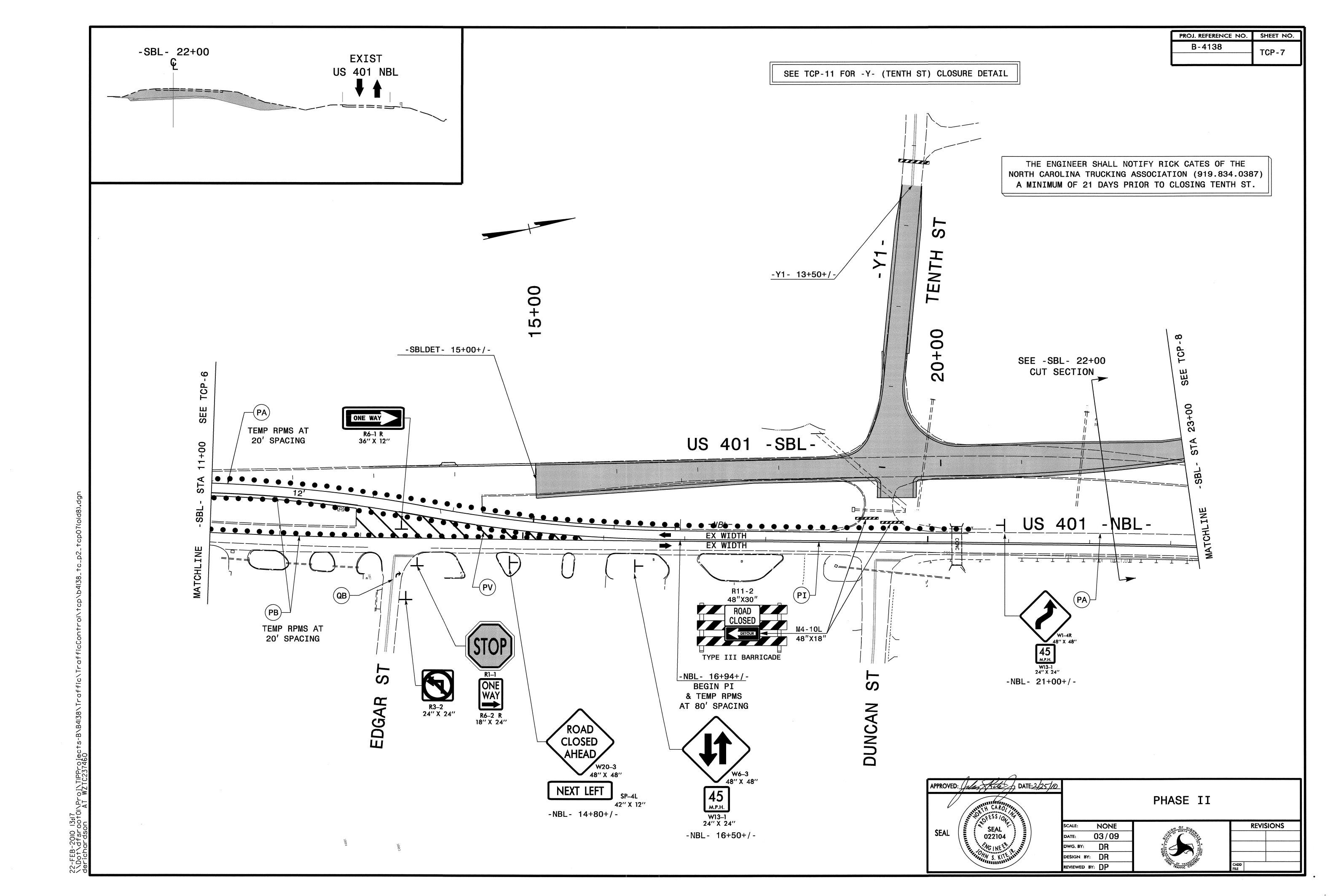
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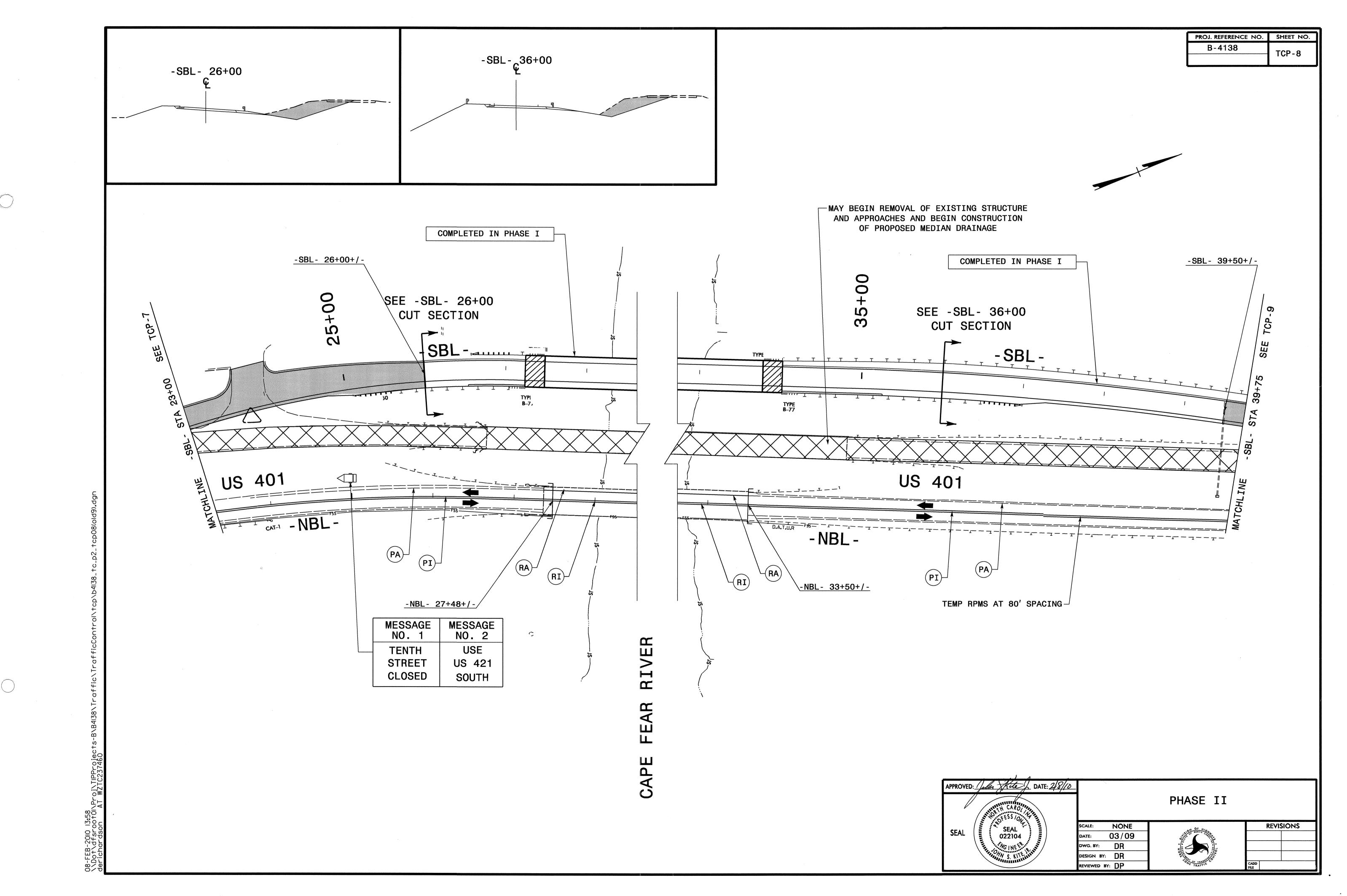
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**EXIST** -SBL- 40+00 US 401 SBL -SBL- 48+00+/-SEE -SBL- 40+00 CUT SECTION -NBL-PA └ TEMP RPMS AT 80' SPACING PI - MAY BEGIN REMOVAL OF EXISTING STRUCTURE AND APPROACHES AND BEGIN CONSTRUCTION OF PROPOSED MEDIAN DRAINAGE

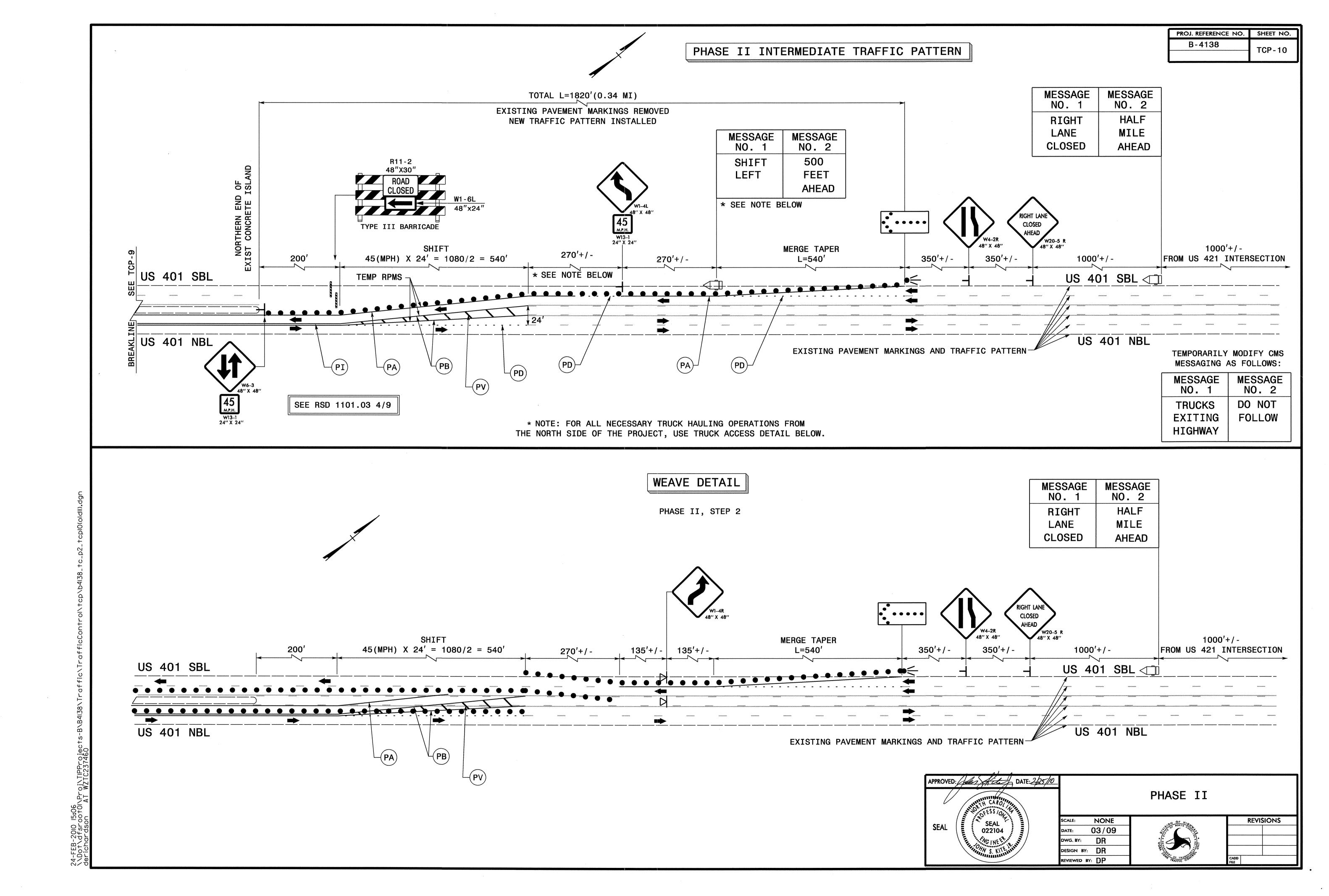
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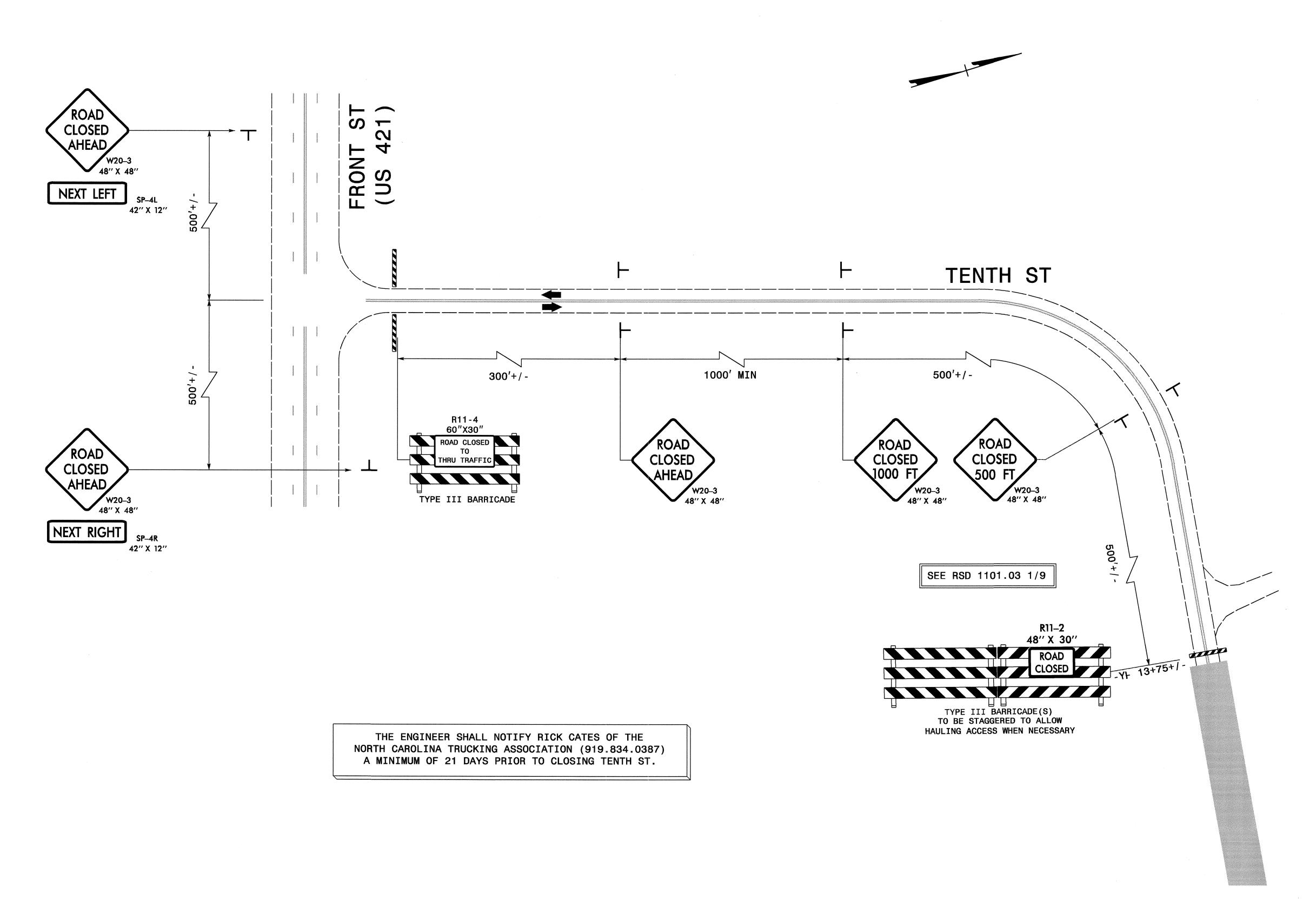
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TCP-9



PROJ. REFERENCE NO. SHEET NO.

B-4138
TCP-11



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DATE: 2/8/0

DATE:

PHASE II

SCALE: NONE

DATE: 03/09

DWG. BY: DR

DESIGN BY: DR

REVIEWED BY: DP



REVISIONS

PROJ. REFERENCE NO. SHEET NO. B-4138 TCP-12 NOTE: ALL TEMPORARY TRAFFIC CONTROL DEVICES ARE TO BE PLACED NO CLOSER THAN 15' FROM CL OF RR -NBLDET- 17+61+/-SEE RSD 1101.03 4/9 -NBLDET- 10+00+/-US 401 - SBL -US 401 -SBL--NBLDET-EX WIDTH US 401 - NBL -PHASE III STEP 3 REVISIONS 03/09

