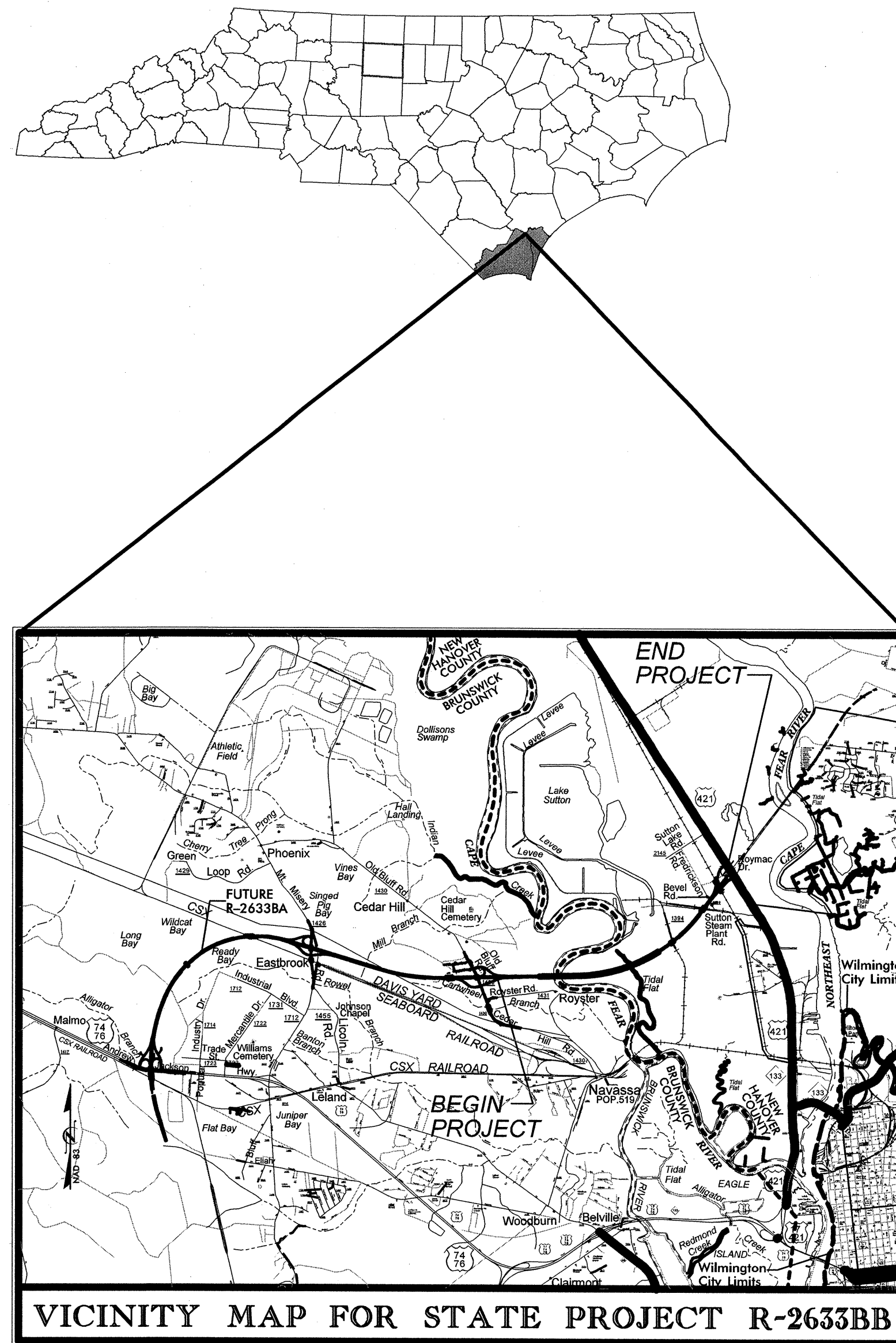


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN
BRUNSWICK & NEW HANOVER COUNTIES



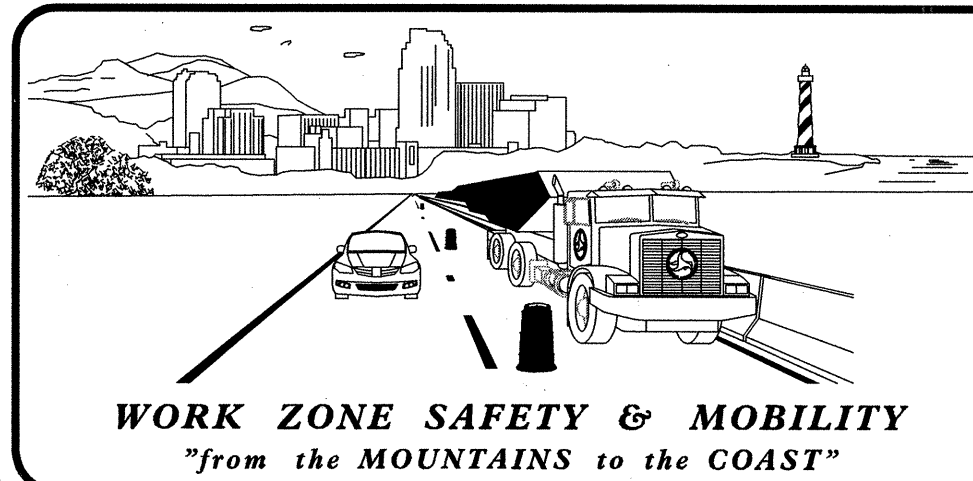
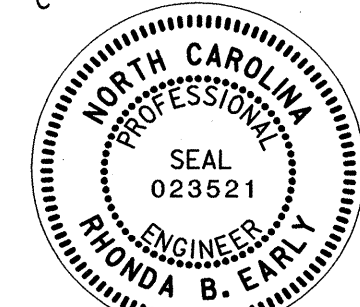
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TMP-1	TITLE SHEET, VICINITY MAP AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-1B - TMP-1C	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES AND LOCAL NOTES)
TMP-2	** THIS PAGE INTENTIONALLY OMITTED **
TMP-3	PHASING
TMP-4	PROJECT OVERVIEW, AREA 1 & AREA DEFINITIONS
TMP-5 - TMP-8	PHASE 1 DETAIL SHEETS

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R. B. EARLY, PE TRAFFIC CONTROL PROJECT DESIGN ENGINEER
J. A. PHILLIPS TRAFFIC CONTROL DESIGN ENGINEER

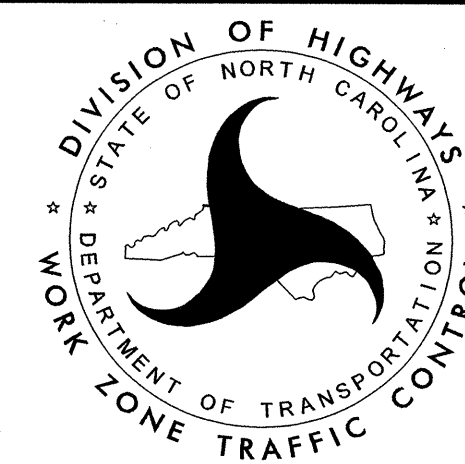
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Plans Prepared for:
N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 773-2800 FAX: (919) 771-2745

J. S. BOURNE, P.E. STATE TRAFFIC MANAGEMENT ENGINEER
J. S. KITE, P.E. TRAFFIC CONTROL PROJECT ENGINEER
DAVID BISSETTE, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER



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TIP PROJECT:

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 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1180.01	SKINNY - DRUM

LEGEND

GENERAL

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

- WORK AREA
- REMOVAL
- USER DEFINED (IF NEEDED)
- USER DEFINED (IF NEEDED)

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

TRAFFIC CONTROL DEVICES

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

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

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TRANSPORTATION
 MANAGEMENT PLAN
 ROADWAY STANDARD
 DRAWINGS & LEGENDS

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
US 421 (-Y1-)	MONDAY THRU FRIDAY 7:00 AM - 9:00 AM & 1:00 PM - 6:00 PM

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

ROAD NAME

US 421 (-Y1-)

HOLIDAY

- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 7:00 A.M. DECEMBER 31ST TO 6:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN UNTIL 6:00 P.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 7:00 A.M. THURSDAY AND 6:00 P.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY TO 6:00 P.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 7:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 7:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY TO 6:00 P.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7:00 A.M. TUESDAY TO 6:00 P.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 7:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- FOR "BEACH2BATTLESHIP", ON DAY OF EVENT (USUALLY ON 3RD OR 4TH SATURDAY IN OCTOBER) 12:01 AM TO 12:00 MIDNIGHT.

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION AND OPERATION
SR 1394 (-EY10-)	MONDAY-SUNDAY: 5:00 AM - 12:00 AM	30 MINUTES FOR GIRDER INSTALLATION
US 17 / I-140	MONDAY-SUNDAY: 6:00 AM - 12:00 AM	30 MINUTES FOR REMOVING & INSTALLING OVERHEAD SIGNS

D) DO NOT CONDUCT MULTI-VEHICLE HAULING ALONG -EY10- (SUTTON STEAM PLANT RD) ON MONDAY THRU SUNDAY FROM 5:00 PM TO 6:00 PM.

DO NOT CONDUCT MULTI-VEHICLE HAULING ALONG -EY10- (SUTTON STEAM PLANT RD) ON SATURDAY OR SUNDAY DURING THE SPRING AND FALL SOCCER TOURNAMENTS HELD IN MAY (USUALLY ON OR BEFORE MEMORIAL DAY) AND NOVEMBER (USUALLY THE 2ND OR 3RD WEEKEND).

E) DO NOT CONDUCT ANY HAULING OPERATIONS ON EXISTING US 17 / I-140 OR -Y1- (US 421) ON THE SATURDAY OF "BEACH2BATTLESHIP".

F) 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 CLOSURE REQUIREMENTS

G) 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.

H) 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.

I) 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.

J) 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 REMAINS WITHIN THE CLOSED TRAVEL LANE.

K) 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

L) 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.

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

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

O) 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.

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

Q) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 500' IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL DEVICES

R) 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 OPENED 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.

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

T) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES (DRUMS) PERPENDICULAR TO THE EDGE OF THE TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

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

V) 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

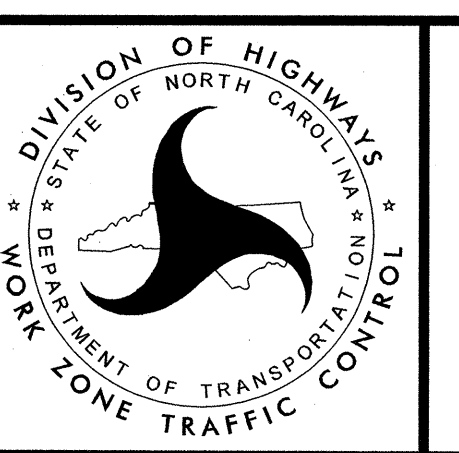
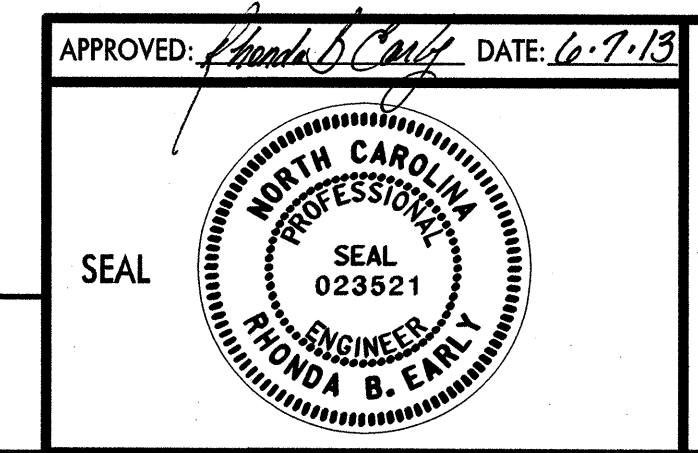
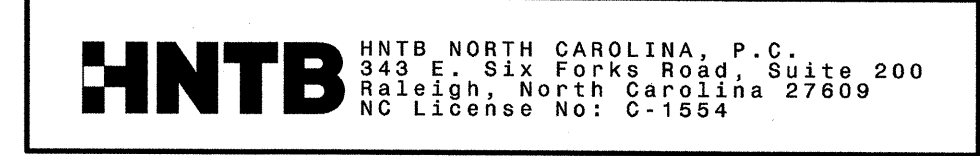
W) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAYS TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION, AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) 500 FT AND 1000 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

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TRANSPORTATION
MANAGEMENT PLAN

GENERAL NOTES

LOCAL NOTES

- LN-1 COORDINATE WITH RAILROAD TO CONSTRUCT BRIDGES ON -L- OVER TRACKS.
- LN-2 COORDINATE WITH RAILROAD FOR HAUL ROADS CROSSING RAILROAD.
- LN-3 USE DRUMS AND TYPE III BARRICADES TO KEEP RAMPS AND LOOPS TO -L- CLOSED TO TRAFFIC UNTIL SPECIFIED BY THE ENGINEER.
- LN-4 DEVICES MAY NEED TO BE LEFT IN PLACE UPON COMPLETION OF PROJECT. REFER TO SHEET TMP-8.
- LN-5 INSTALL TEMPORARY PAVEMENT MARKING FOR SIGNALIZED INTERSECTION PRIOR TO ACTIVATING SIGNAL. REMOVE TEMPORARY PAVEMENT MARKINGS RETURNING INTERSECTION TO NON-SIGNALIZED PATTERN UPON DEACTIVATING / REMOVAL OF SIGNAL HEADS.

MANAGEMENT STRATEGIES

THE OBJECTIVE OF THIS PROJECT IS TO CONSTRUCT THE PROPOSED WILMINGTON BYPASS ON NEW LOCATION, ADD A RIGHT TURN LANE ON US 421 (-Y1-) AND REALIGN -EY12DR1-.

THE PROJECT WILL BE COMPLETED IN STEPS.

CONSTRUCTION OF -L- (WILMINGTON BYPASS) WILL BEGIN AWAY FROM TRAFFIC.

TEMPORARY LANE CLOSURES (FLAGGERS) WILL BE USED TO CONSTRUCT -EY12_DR1- AND SHIFTING THE TRAFFIC TO REALIGNMENT.

PERMANENTLY CLOSE -EY12- AT THE CROSSING OF -L- AND USING LANE CLOSURES TO CONSTRUCT CULDESAC AND REMOVE PAVEMENT.

LANE CLOSURES ON -Y1- WILL BE USED TO CONSTRUCT THE RIGHT TURN LANE ON -Y1- AND TO CONSTRUCT -RP_B4- AND -RP_C4- TIE-INS TO -Y1-

UPON COMPLETION OF -L- AND ALL -Y- LINES, (INCLUDING THE REMOVAL OF PAVEMENT), THE FINAL LAYER OF SURFACE COURSE WILL BE PLACED INCLUDING THE FINAL PAVEMENT MARKINGS AND MARKERS.

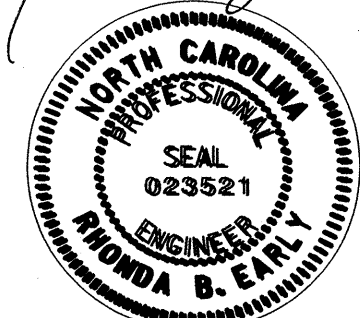
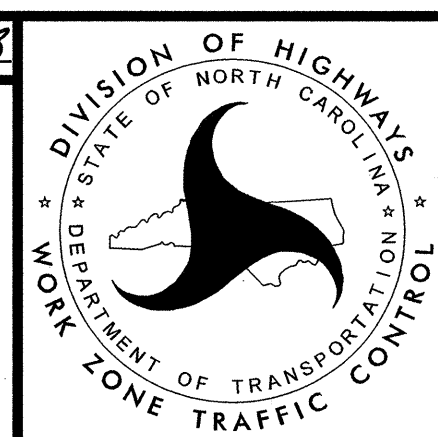
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GENERAL NOTES

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PHASING

NOTES:

REPLACE MARKINGS AND RETURN TRAFFIC TO THE CURRENT TRAFFIC PATTERN AT THE END OF EACH WORK PERIOD UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

MAINTAIN VEHICULAR ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE LIFE OF THE CONTRACT UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

COMPLETE ANY PROPOSED WIDENING IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE. THIS MAY REQUIRE A COMBINATION OF INSTALLATION OF PROPOSED PIPES, TEMPORARY PIPES, STEEL PLATES, AND TEMPORARY MEDIAN AND OUTSIDE DITCHES.

PAVE PROPOSED CONSTRUCTION, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, IN ALL PHASES UNTIL STATED TO INSTALL FINAL LAYER IN THE PHASING.

THE TERM RSD DENOTES "ROADWAY STANDARD DRAWING".

PHASING

(SEE OVERVIEW SHEET TMP-4)

*** REFER TO SHEETS TMP-5 THRU TMP-8 FOR DETAILS ***

STEP 1: INSTALL WORK ZONE ADVANCE WARNING SIGNS ON -Y1- (US 421), -EY10- (SR 1394 RD) AND -Y12- (SR 2169) ACCORDING TO RSD 1101.01.

INSTALL 120" CHAIN LINK FENCE ALONG PARCELS 79 AND 80 AS SHOWN IN THE ROADWAY PLANS. (SEE ROADWAY PLANSHEETS 11 THRU 14.)

INSTALL TEMPORARY SIGNAL AT INTERSECTION OF SUTTON STEAM PLANT RD AND US 421. SIGNAL MUST BE OPERATIONAL BEFORE MULTIPLE TRUCK HAULING BEGINS ON SUTTON STEAM PLANT RD. PLACE TEMPORARY PAVEMENT FOR RIGHT & LEFT TURNOUTS FOR HAULING OPERATIONS AS DIRECTED BY THE ENGINEER. PLACE TEMPORARY SIGNAL INTO THE FLASHING MODE DURING PERIODS WHEN HAULING ACTIVITIES ARE NOT ONGOING. IF HAULING INACTIVITY EXCEEDS 5 DAYS, COVER OR REMOVE THE SIGNAL HEADS TO INDICATE THE SIGNAL IS NOT IN OPERATION AND REINSTALL STOP SIGN ON SR 1394. (SEE LOCAL NOTE LN-5.)

STEP 2: AWAY FROM TRAFFIC BEGIN CONSTRUCTION OF THE FOLLOWING:

- * -L- FROM STA 292+00+/- TO STA 423+00+/- (NBL & SBL) INCLUDING BRIDGE OVER RR @ STA 398+00+/- (SEE LOCAL NOTES LN-1 & LN-2)
- * -L- FROM STA 433+00+/- TO STA 447+24+/- (NBL & SBL)
- * -RP_A3- FROM -L- TO STA 30+53+/-
- * -RP_D3- FROM -L- TO STA 25+21+/-
- * -RP_B4- FROM STA 12+10+/- TO STA 29+50+/- INCLUDING BRIDGE OVER RR
- * -RP_C4- FROM -L- TO STA 26+55+/-

AWAY FROM TRAFFIC BEGIN CONSTRUCTION OF -L- FROM STA 423+00+/- TO STA 429+50+/- . USE RSD 1101.03 (SHEET 8 OF 9) AS NEEDED, TO INSTALL GIRDERS OVER -EY10- & RR TRACKS. (SEE LOCAL NOTE LN-1)

USING RSD 1101.02 (SHEET 3 OF 15) AS NEEDED, BEGIN CONSTRUCTION OF THE FOLLOWING:

- * -Y1- WIDENING FROM STA 37+24+/- TO -RP_B4-
- * -RP_B4- FROM STA 29+50+/- TO -Y1-
- * -RP_C4- FROM STA 26+55+/- TO -Y1-

STEP 3: USING RSD 1101.02 (SHEET 1 OF 15) AS NEEDED, CONSTRUCT -EY12DR1- AND SHIFT -EY12DR1- TO NEW ALIGNMENT.

**NOTE: STEP 4 CANNOT BEGIN UNTIL FILL IS IN PLACE AND WITHIN 1'+/- OF SUBGRADE FROM THE CAPE RIVER BRIDGE APPROACH TO STA 423+00+/- .

STEP 4: CLOSE ROAD CROSSING -L- AT STA 431+00+/- AND USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT PROPOSED CULDESACS ON -EY12- (FREDRICKSON RD). REMOVE ABANDONED PAVEMENT AND BEGIN CONSTRUCTION OF -L- FROM STA 429+50+/- TO STA 433+00+/- .

STEP 5: COMPLETE CONSTRUCTION OF -L- AND RAMPS BEGUN IN STEPS 1 & 3.

STEP 6: USING RSD 1101.02 (SHEETS 1 AND 3 OF 15) AS NEEDED, CONSTRUCT MONOLITHIC ISLANDS, PLACE FINAL LAYER OF SURFACE COURSE AND PLACE FINAL MARKINGS & MARKERS ON ALL ROADS AS SHOWN IN FINAL PAVEMENT MARKING PLANS. (SEE LOCAL NOTE LN-3)

STEP 7: UPON APPROVAL OF ENGINEER, REMOVE TEMPORARY TRAFFIC CONTROL DEVICES AND OPEN ALL ROADS AND ALL LANES TO TRAFFIC. (SEE LOCAL NOTE LN-4)

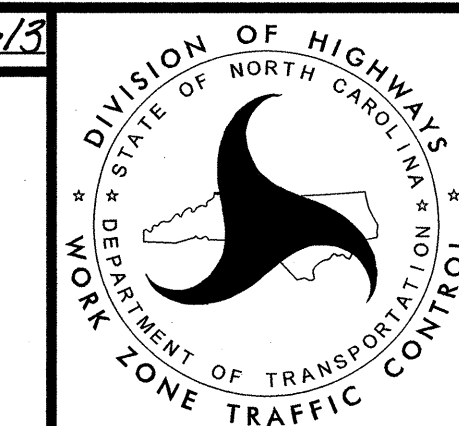
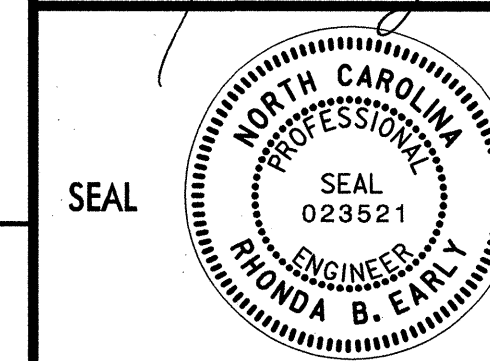
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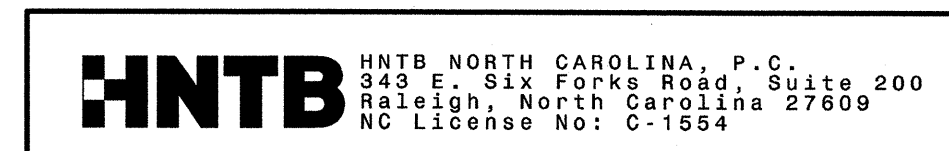
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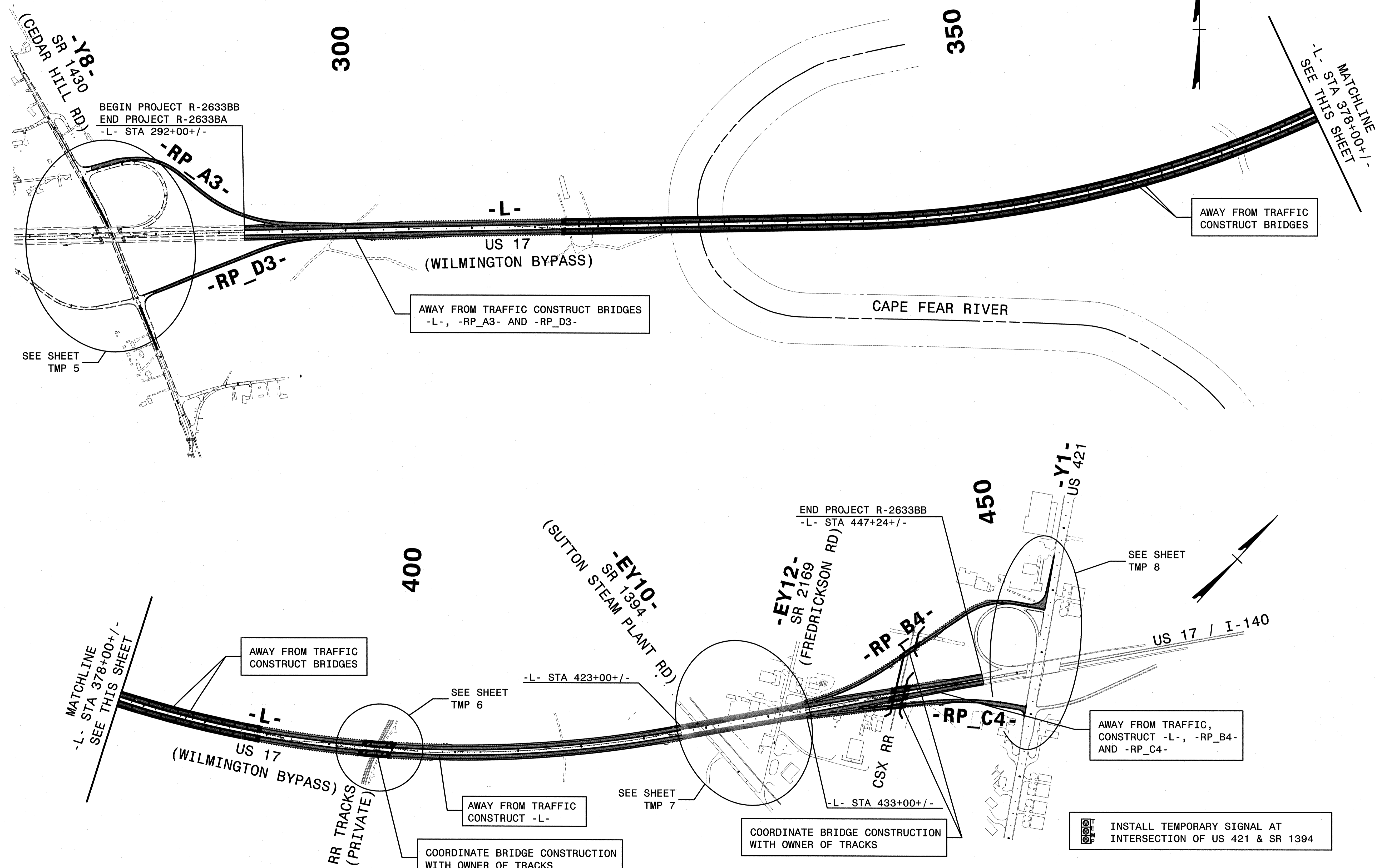
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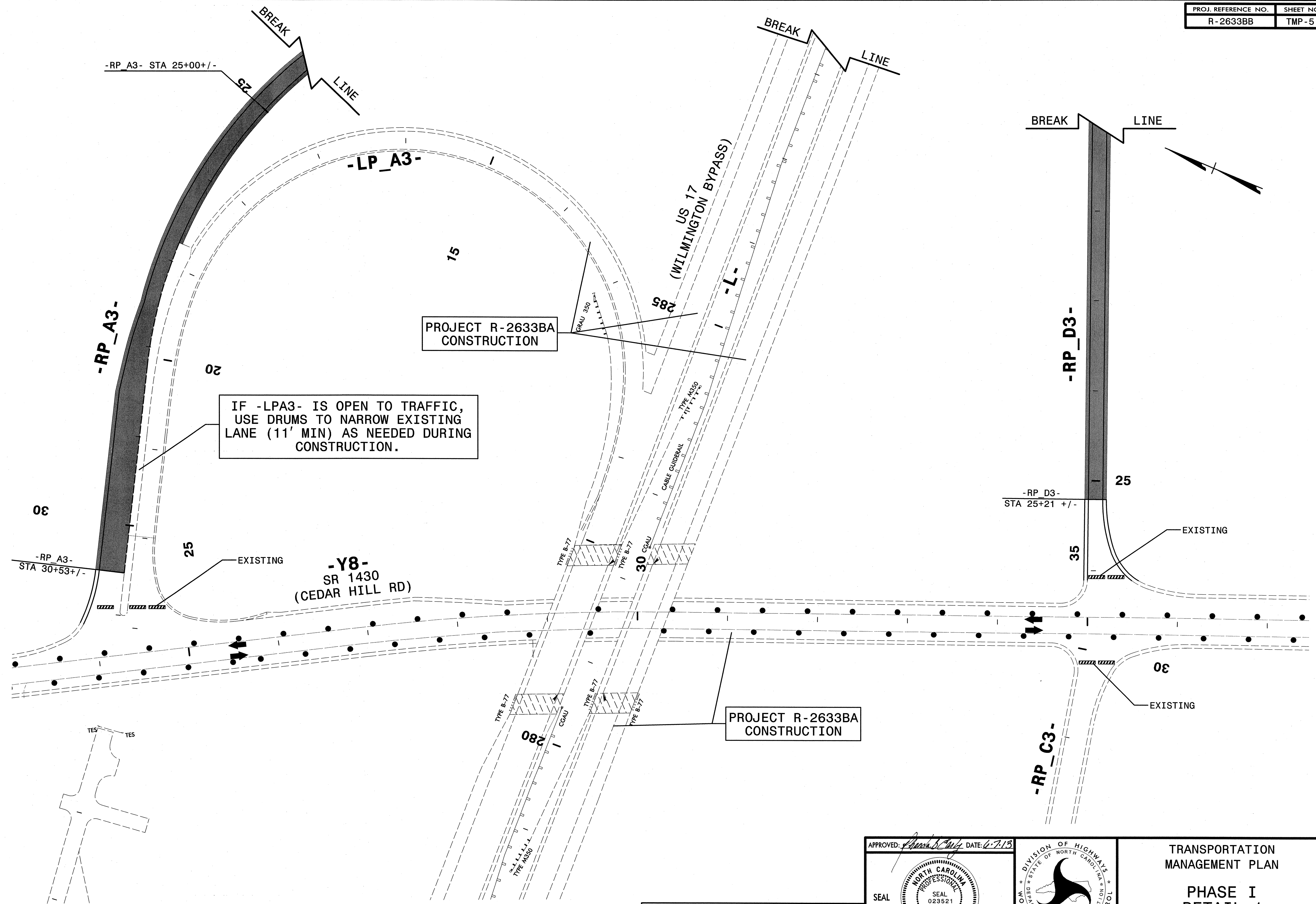
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DIVISION OF HIGHWAYS
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 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL

TRANSPORTATION
 MANAGEMENT PLAN
 PHASE I OVERVIEW

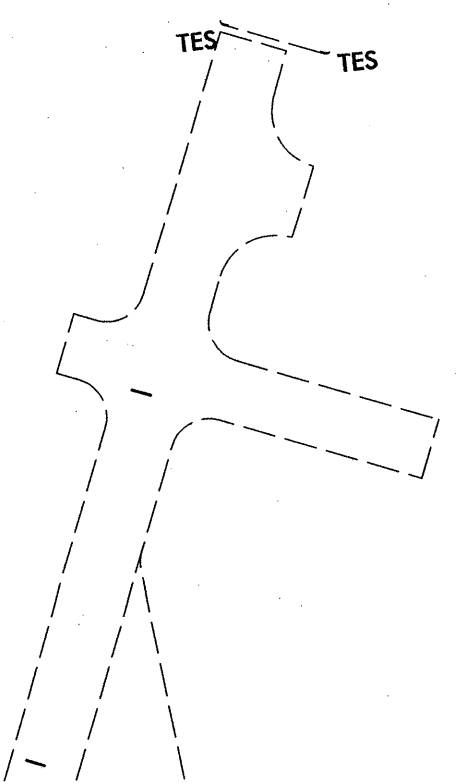
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 4333 SUSSEX DRIVE, SUITE 200
 RALEIGH, NC 27609
 QA/QC STAGE

REVIEW: _____
 CONCUR: _____
 REVISE: _____
 VERIFY: _____



HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. SIX FORKS ROAD, SUITE 200
 RALEIGH, NORTH CAROLINA 27609
 NC LICENSE NO. C-1654

APPROVED: *[Signature]* DATE: 6-7-13
 SEAL
 NORTH CAROLINA
 PROFESSIONAL ENGINEER
 023521
 PIONDA B. EARLY



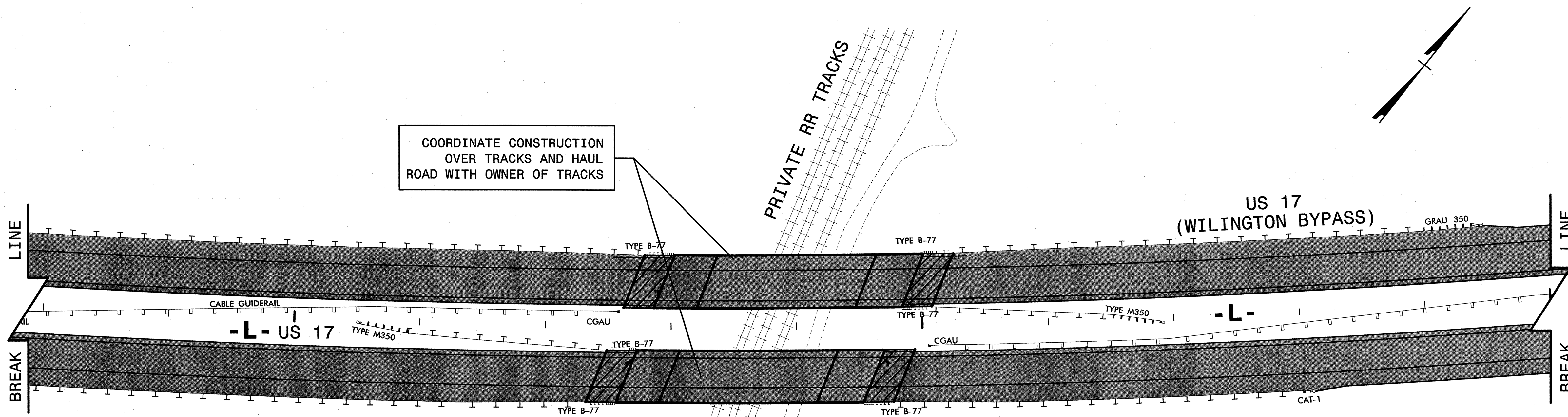
TRANSPORTATION
 MANAGEMENT PLAN
 PHASE I
 DETAIL 1

8/17/99

395

400

405



REVISIONS

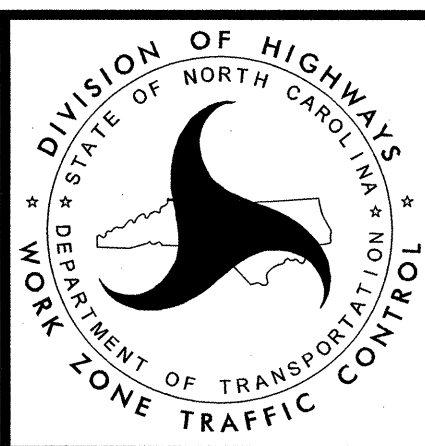
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 \$\$\$LIGENAVE\$\$\$

QA/QC STAGE:

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 CONCUR: _____
 REVISE: _____
 VERIFY: _____

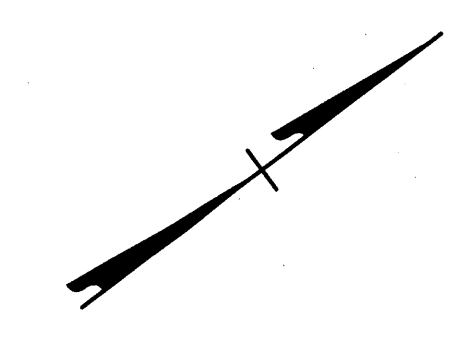
HNTB HNTB NORTH CAROLINA, P.C.
 943 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

APPROVED: *[Signature]* DATE: 10-7-13
 SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 023521
 RONDA B. EARLY



TRANSPORTATION
 MANAGEMENT PLAN
 PHASE I
 DETAIL 2

10+00



425

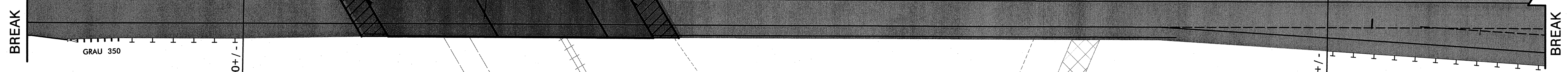
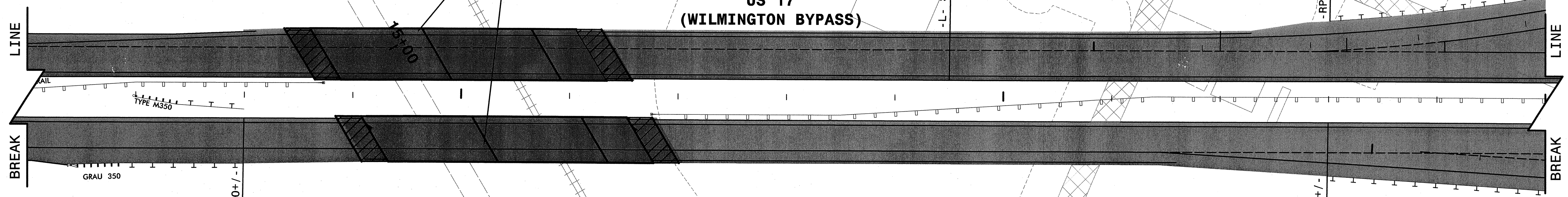
CONSTRUCT CULDESAC AND INSTALL GUARDRAIL

COORDINATE CLOSURES WITH STEAM PLANT USE TEMPORARY ROAD CLOSURES TO HANG STEEL

-L-
US 17
(WILMINGTON BYPASS)

-L- STA 429+50+/-

-RP B4- STA 12+10+/-



USE FLAGGERS AS NEED TO CONSTRUCT CULDESAC AREA

SR 1394

(SUTTON STEAM PLANT RD)

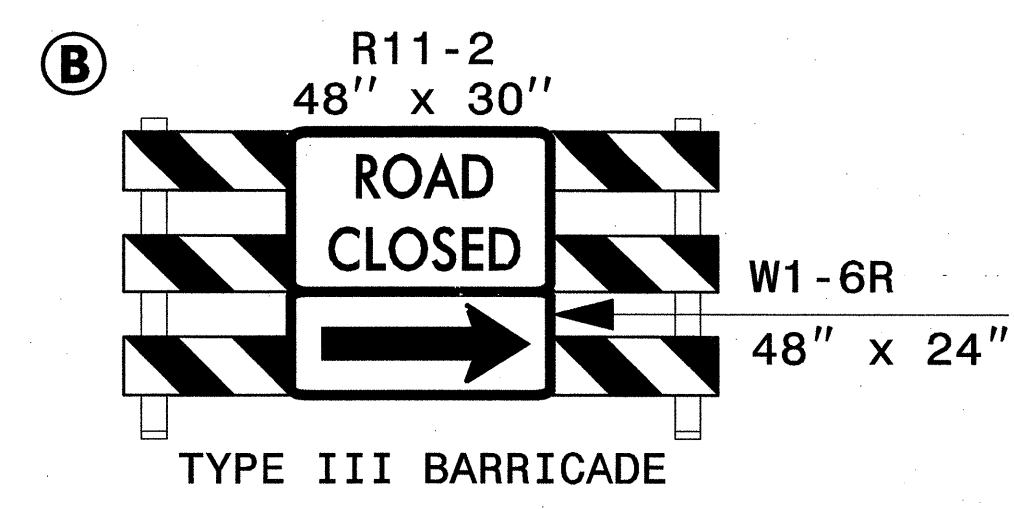
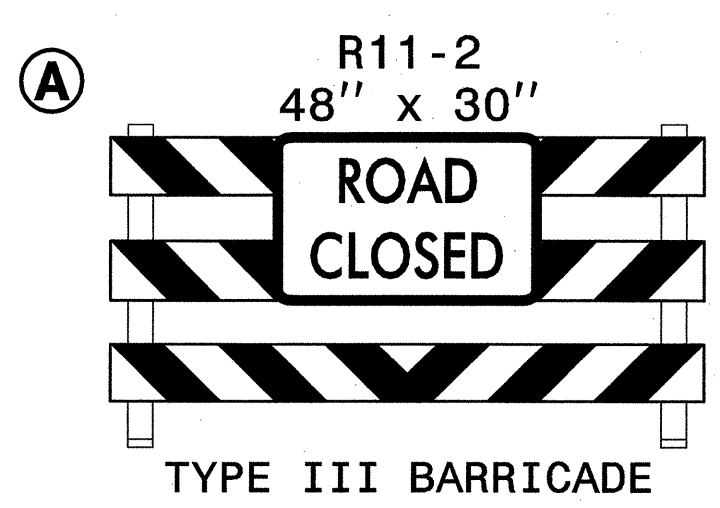
-EY10-

20+00

RAILROAD TRACKS (PRIVATE)

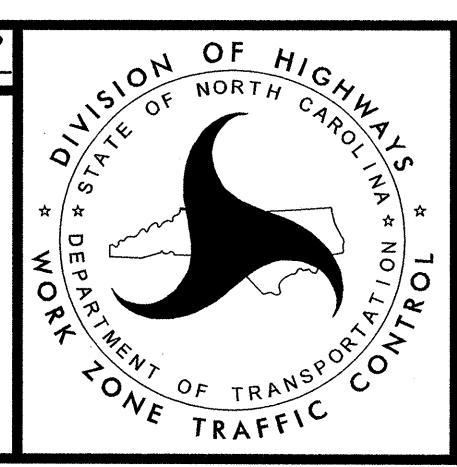
-EY12_DR1-

-EY12_DR1 - 13+26+/-



APPROVED: *[Signature]* DATE: 6-7-13

SEAL



TRANSPORTATION
MANAGEMENT PLAN

**PHASE I
DETAIL 3**

HNTB

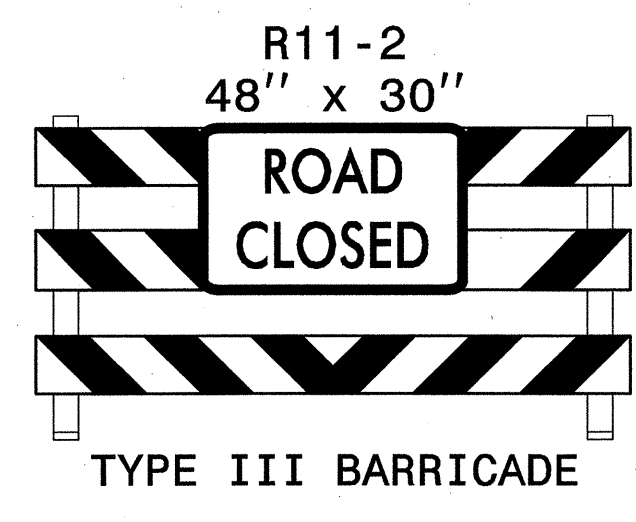
HNTB NORTH CAROLINA, P.C.
343 E. SIX FORKS ROAD, SUITE 200
RALEIGH, NORTH CAROLINA 27609
NC LICENSE NO: C-1554

REVISIONS

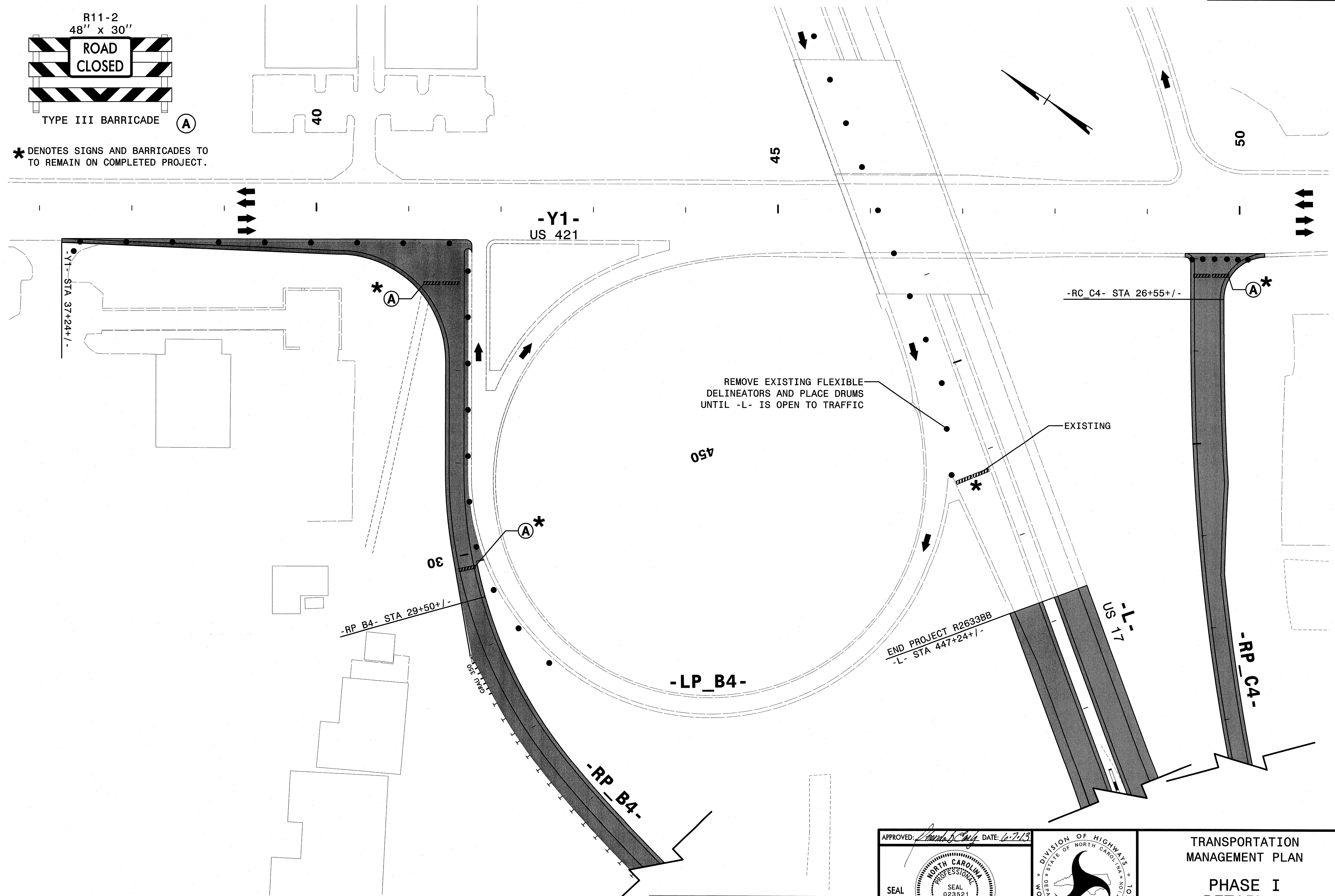
QA/QC STAGE

REVIEW:
CONCUR:
REVISE:
VERIFY:

12:00:37 PM 6/30/13 P:\D03.dgn



* DENOTES SIGNS AND BARRICADES TO REMAIN ON COMPLETED PROJECT.



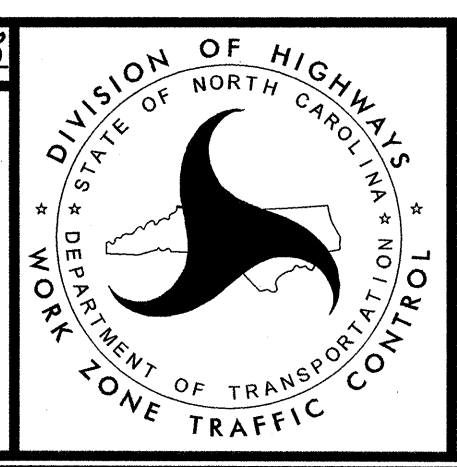
REVISIONS

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33,310 1/28/2013 10:58:33 AM

QA/QC STAGE:
REVIEW:
CONCUR:
REVISE:
VERIFY:

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343 E. SIX FORKS ROAD, SUITE 200
RALEIGH, NORTH CAROLINA 27609
NC LICENSE NO: C-1554

APPROVED: *[Signature]* DATE: 6-7-13
SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
023521
PRIONDA B. EARLY



TRANSPORTATION
MANAGEMENT PLAN

PHASE I
DETAIL 4