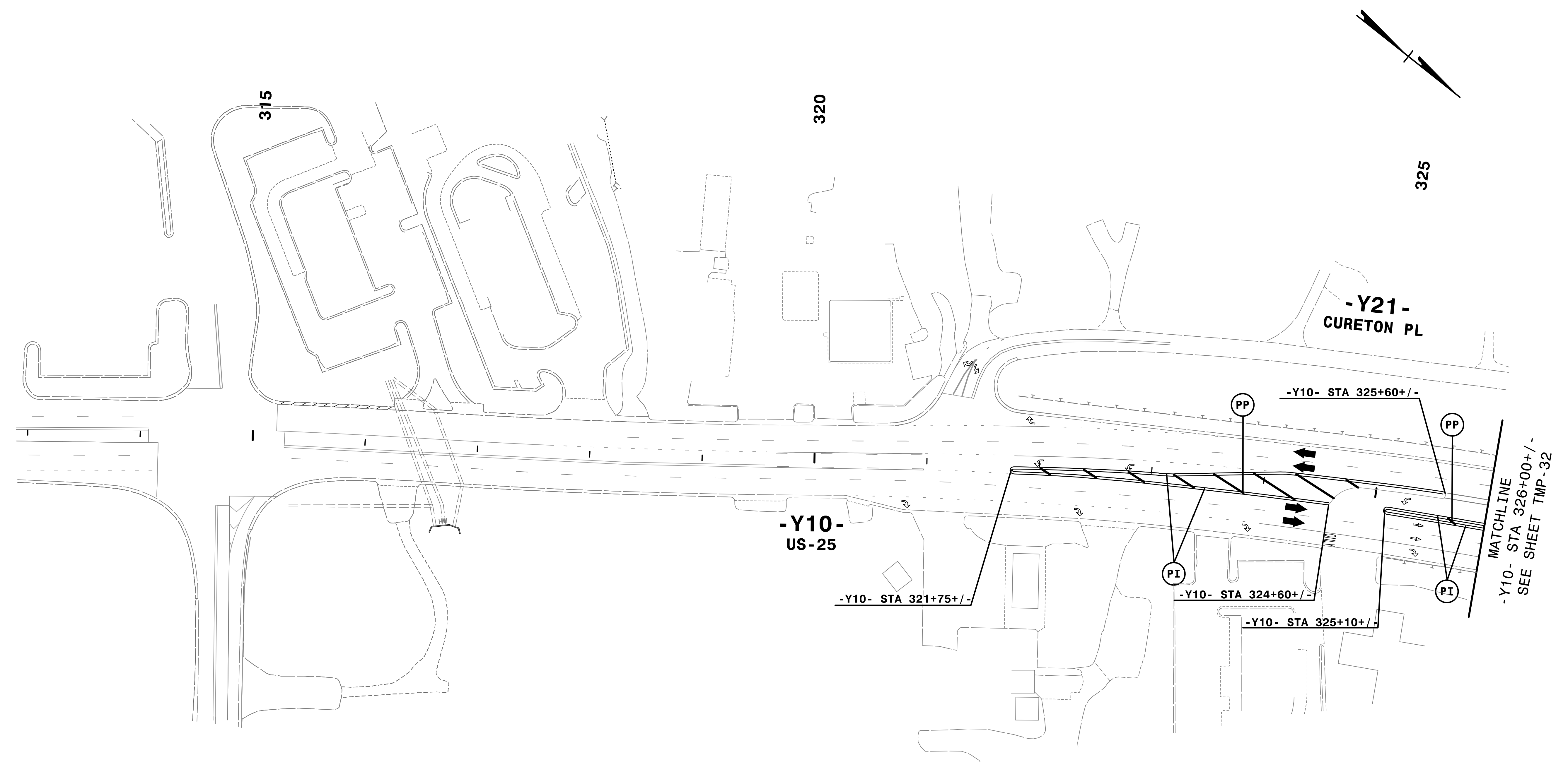


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 343 E. SIX FORKS ROAD, SUITE 200
 RALEIGH, NORTH CAROLINA 27609
 NC LICENSE NO: C-1554

DocuSigned by:
 APPROVED: *Rhonda B. Early*
 F34CAFAC6BFB4A
 DATE: 9/3/2019

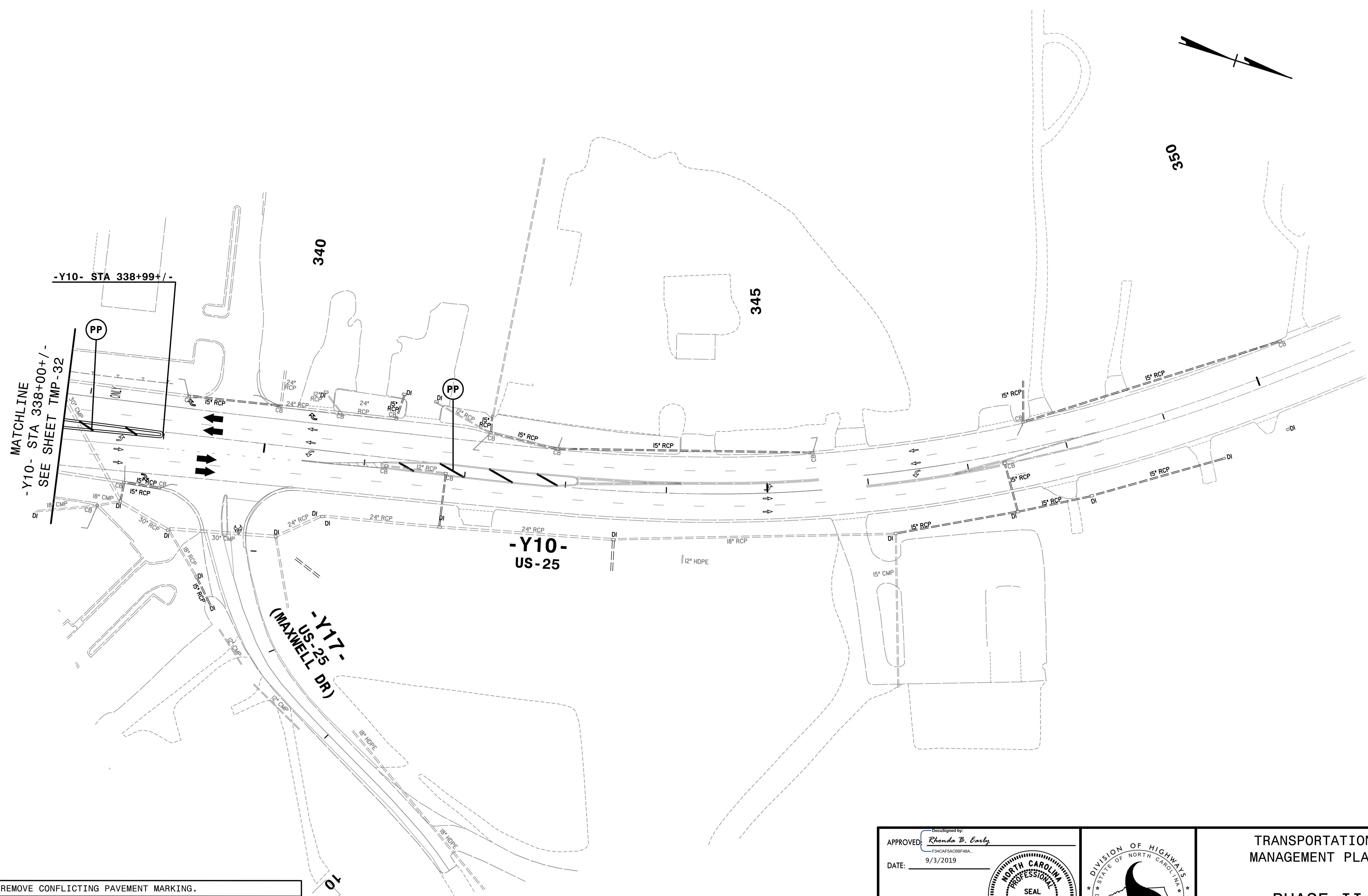
PROFESSIONAL ENGINEER SEAL
 NORTH CAROLINA
 023521
 RHONDA B. EARLY

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TRANSPORTATION
 MANAGEMENT PLAN

PHASE II
 DETAIL



MATCHLINE
-Y10- STA 338+00 +/-
SEE SHEET TMP-32

-Y10- STA 338+99 +/-

-Y10-
US-25

-Y17-
US-25
(MAXWELL DR)

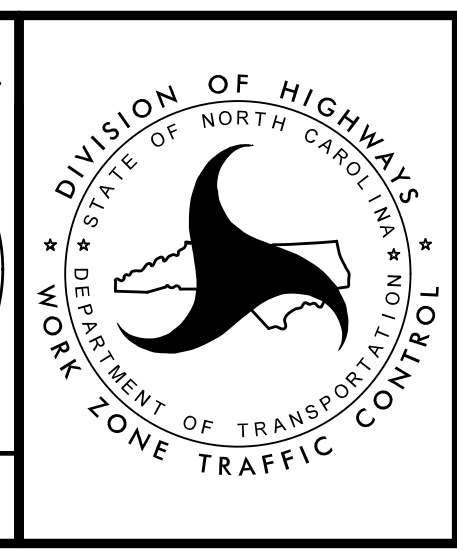
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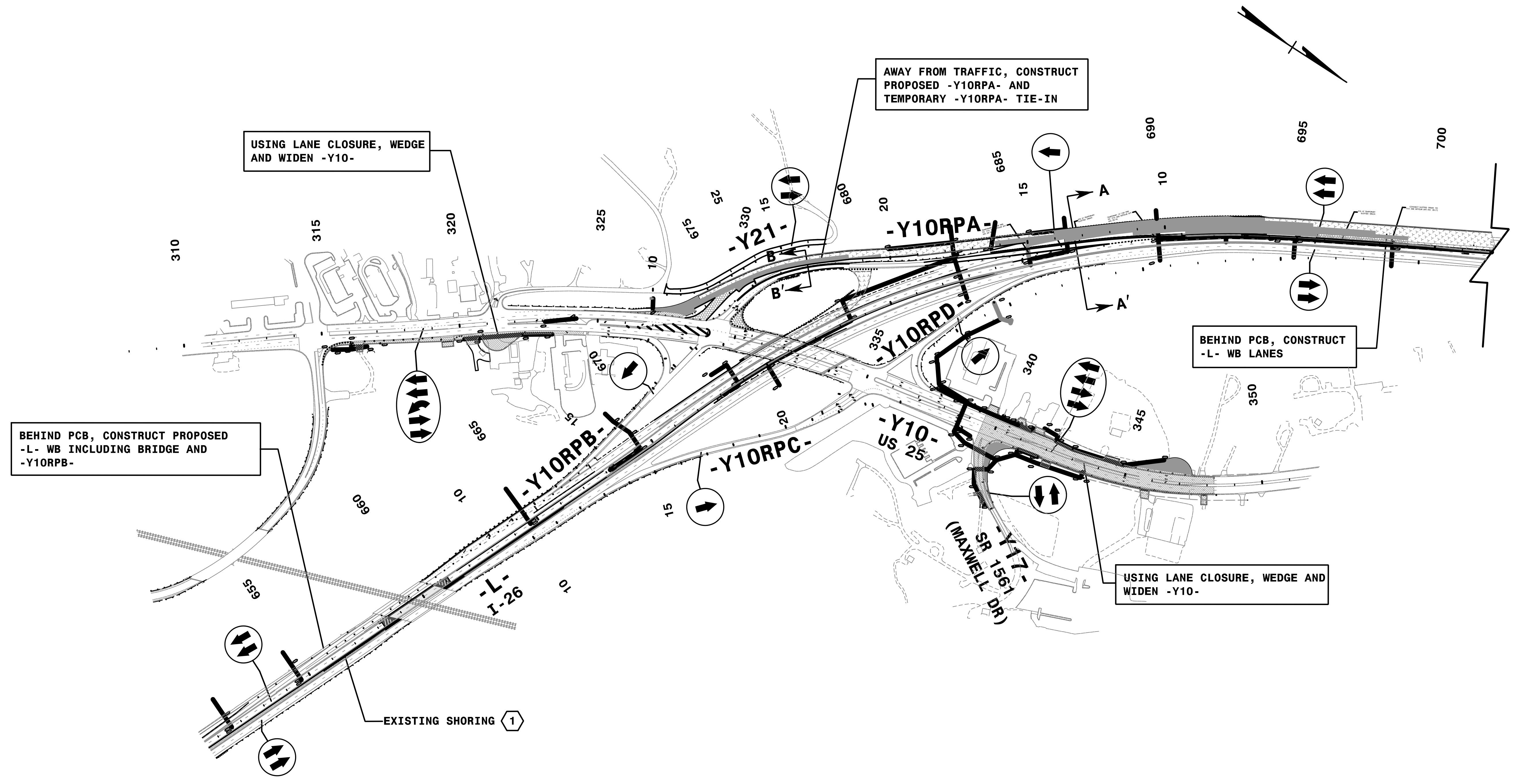
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TRANSPORTATION
MANAGEMENT PLAN

PHASE II
DETAIL



REFER TO SHEET TMP-2A FOR SHORING DATA.

REFER TO SHEET TMP-49 FOR CUT SECTION(S).

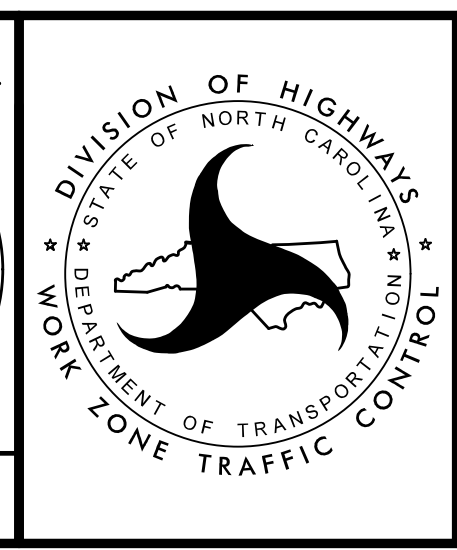
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 DATE: 9/3/2019

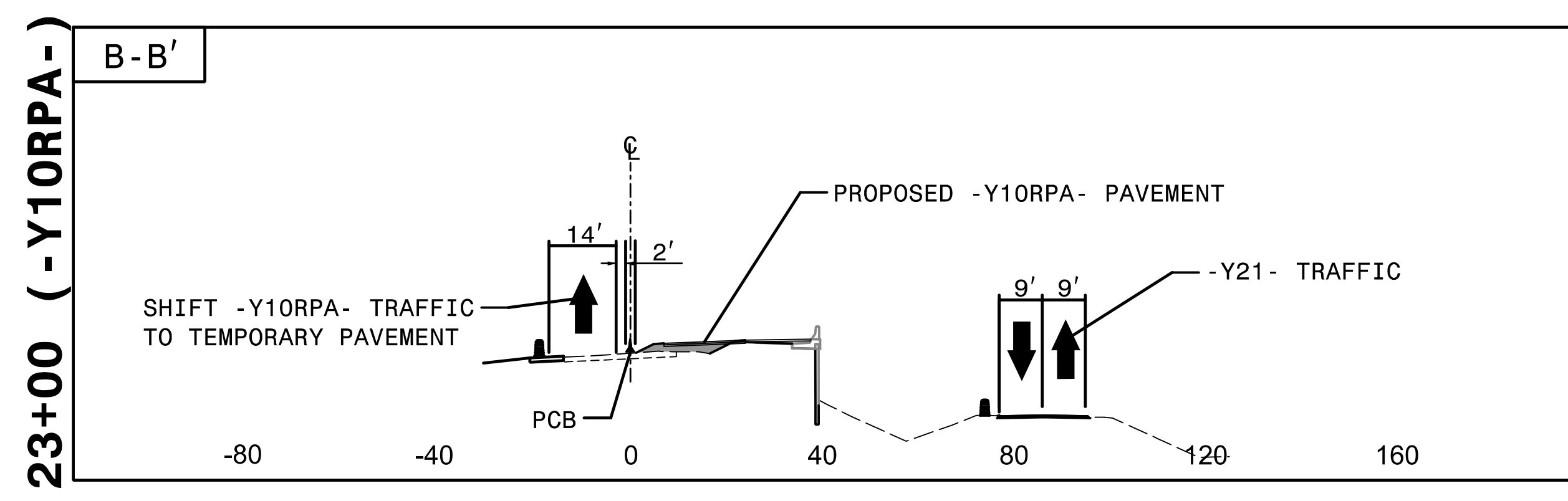
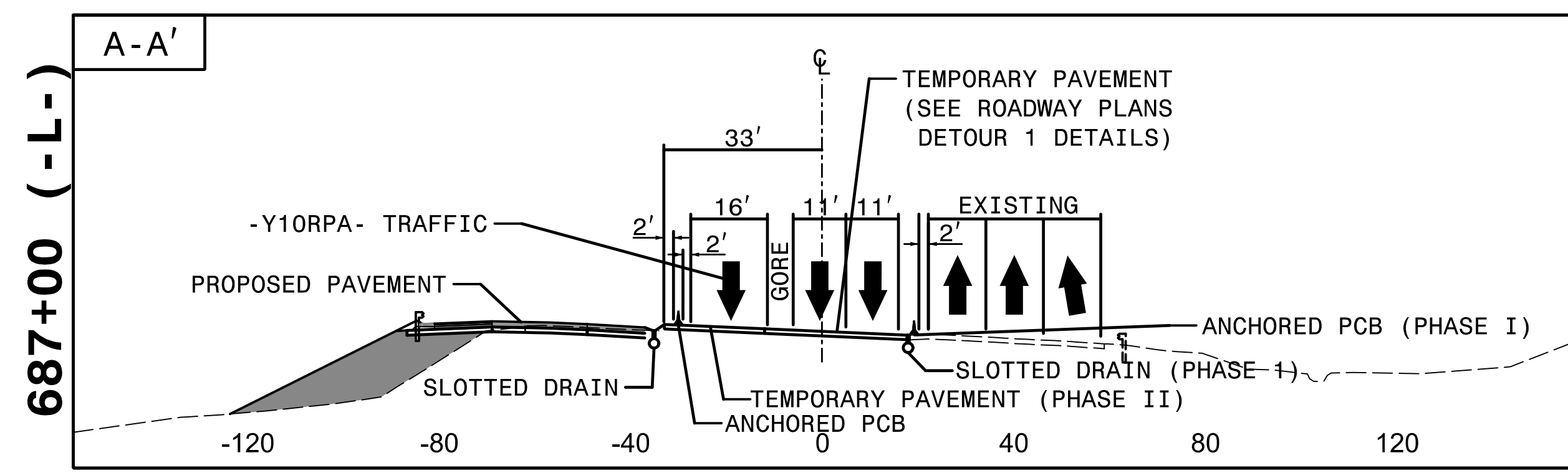
PROFESSIONAL ENGINEER SEAL
 NORTH CAROLINA
 023521
 RHONDA B. EARLY

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TRANSPORTATION MANAGEMENT PLAN

PHASE IIA OVERVIEW



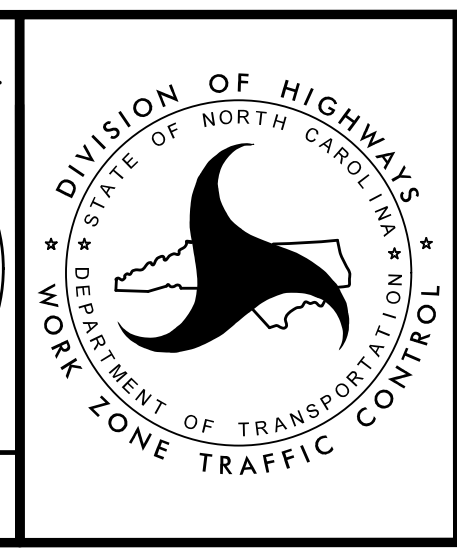
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DATE: 9/3/2019

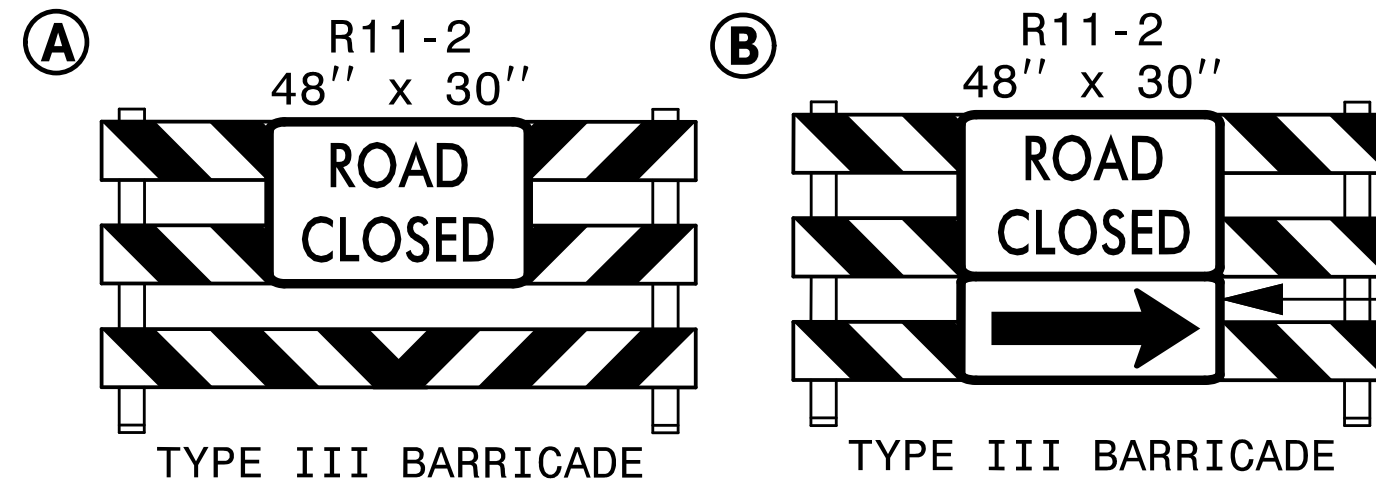
PROFESSIONAL SEAL
NORTH CAROLINA
ENGINEER
RHONDA B. EARLY
023521

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TRANSPORTATION
MANAGEMENT PLAN

**PHASE IIA
CUT SECTIONS**



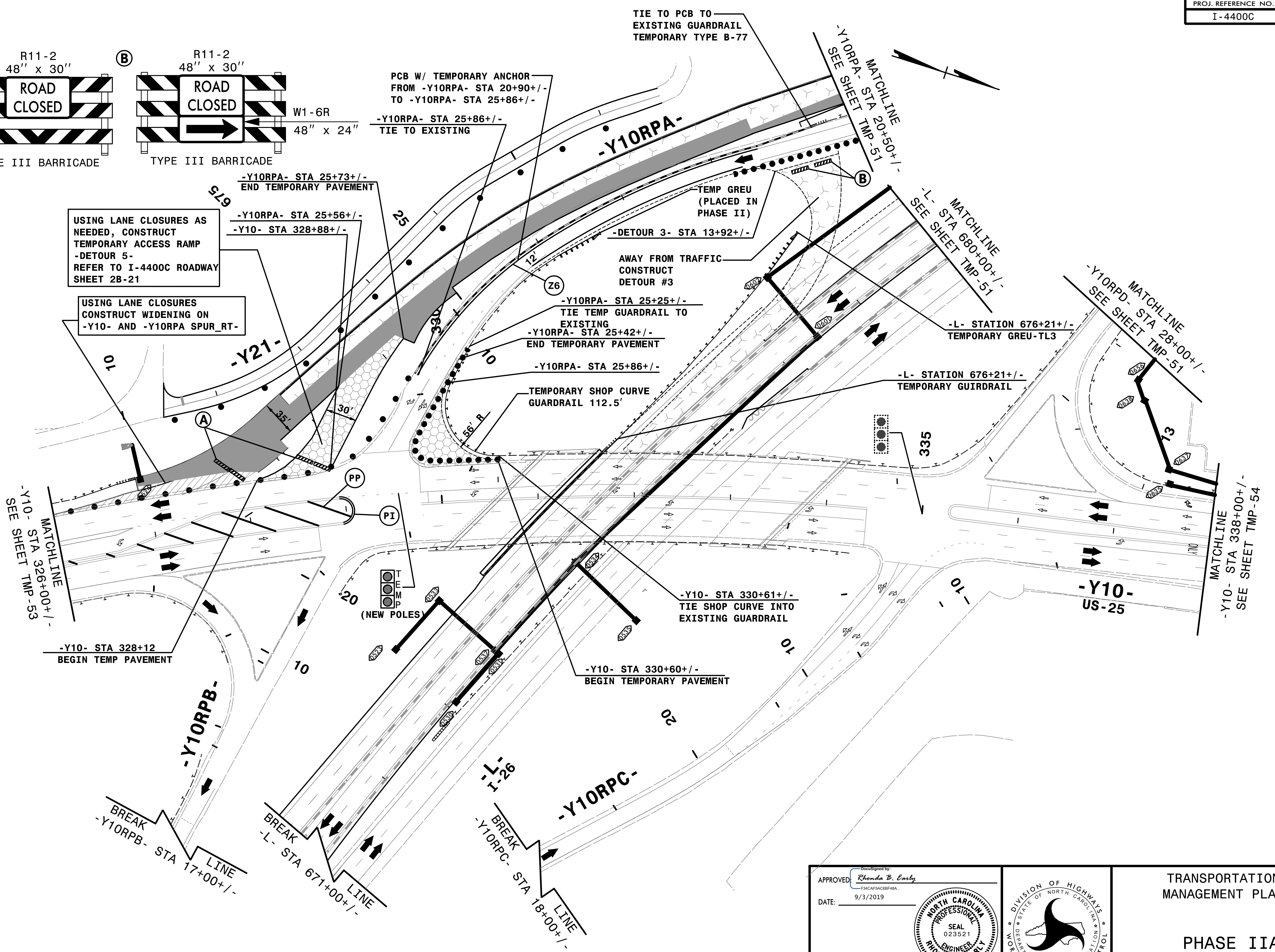
TYPE III BARRICADE
TYPE III BARRICADE

PCB W/ TEMPORARY ANCHOR
FROM -Y10RPA- STA 20+90+/-
TO -Y10RPA- STA 25+86+/-
TIE TO EXISTING

W1-6R
48'' x 24''

USING LANE CLOSURES AS
NEEDED, CONSTRUCT
TEMPORARY ACCESS RAMP
-DETOUR 5-
REFER TO I-4400C ROADWAY
SHEET 2B-21

USING LANE CLOSURES
CONSTRUCT WIDENING ON
-Y10- AND -Y10RPA SPUR_RT-



MATCHLINE
-Y10- STA 326+00+/-
SEE SHEET TMP-53

-Y10- STA 328+12
BEGIN TEMP PAVEMENT

BREAK
-Y10RPB- STA 17+00+/-
LINE

BREAK
-L- STA 671+00+/-
LINE

BREAK
-Y10RPC- STA 18+00+/-
LINE

-Y10- STA 330+60+/-
BEGIN TEMPORARY PAVEMENT

-Y10- STA 330+61+/-
TIE SHOP CURVE INTO
EXISTING GUARDRAIL

-Y10-
US-25

MATCHLINE
-Y10- STA 338+00+/-
SEE SHEET TMP-54

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9/3/2019

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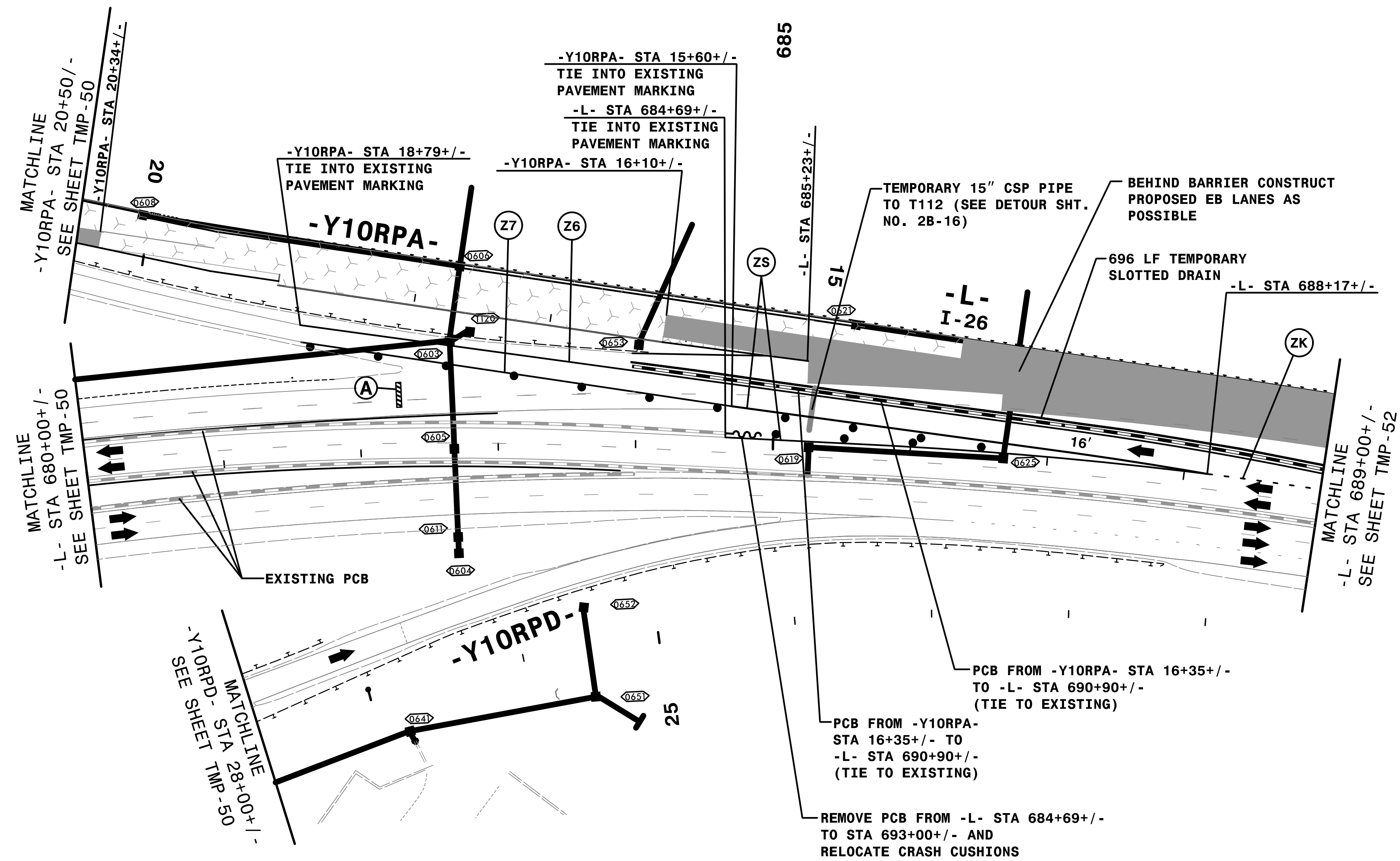
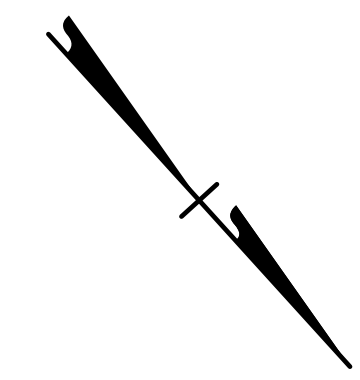
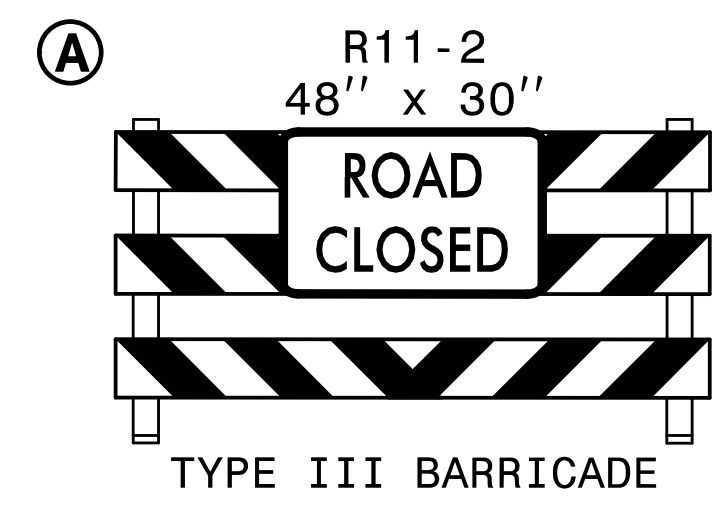
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Raleigh, North Carolina 27609
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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

TRANSPORTATION
MANAGEMENT PLAN
PHASE IIA
DETAIL

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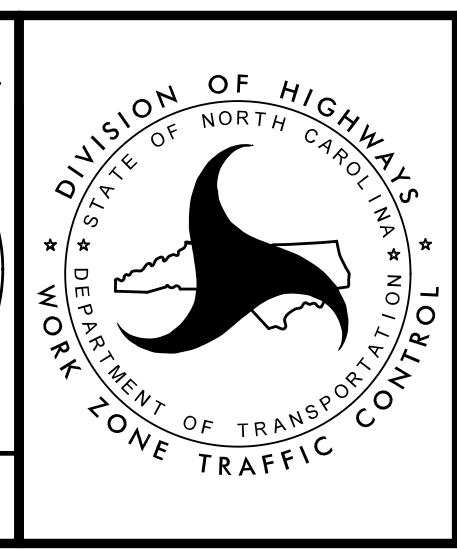
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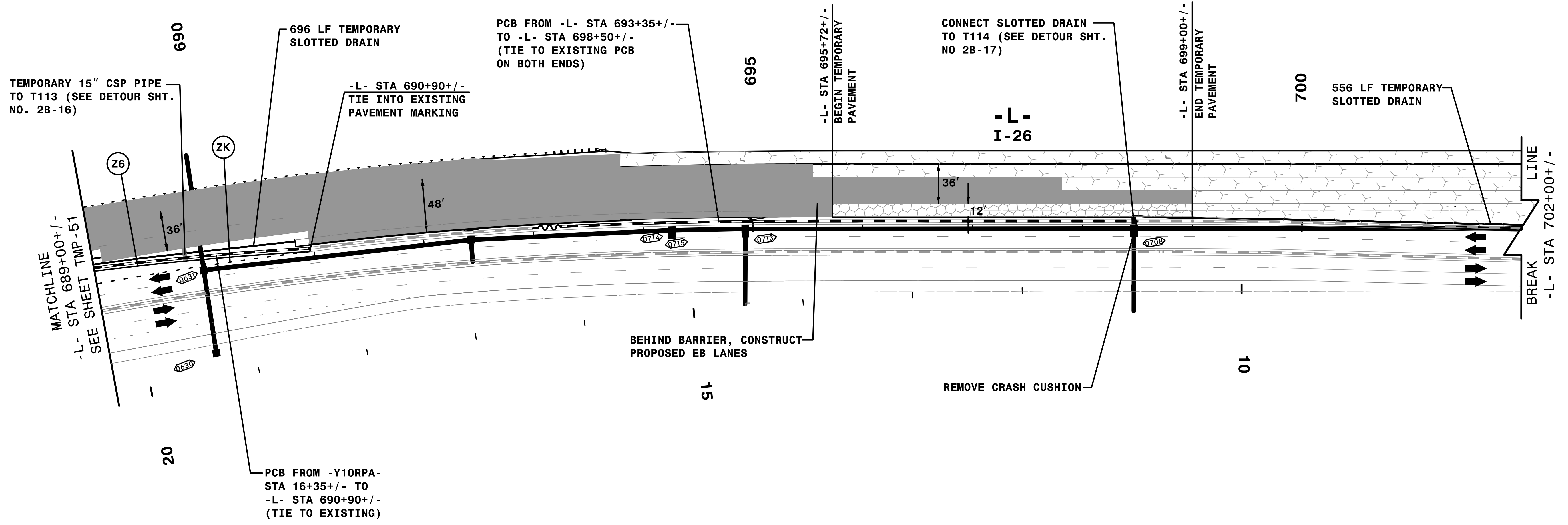
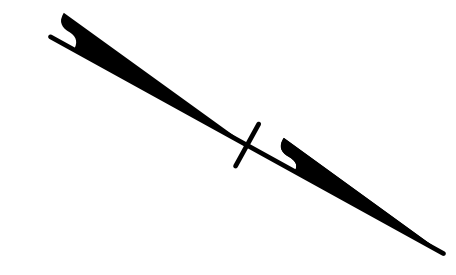
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE IIA
 DETAIL



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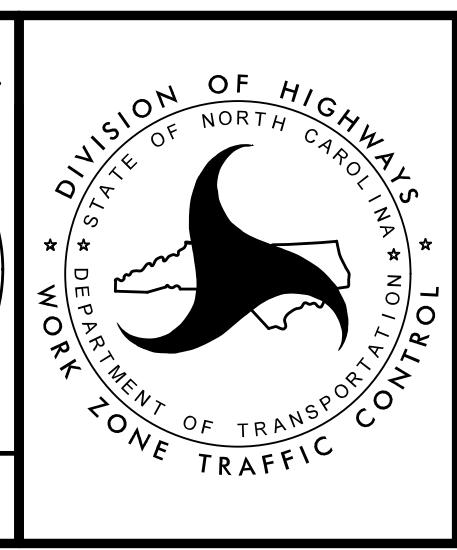
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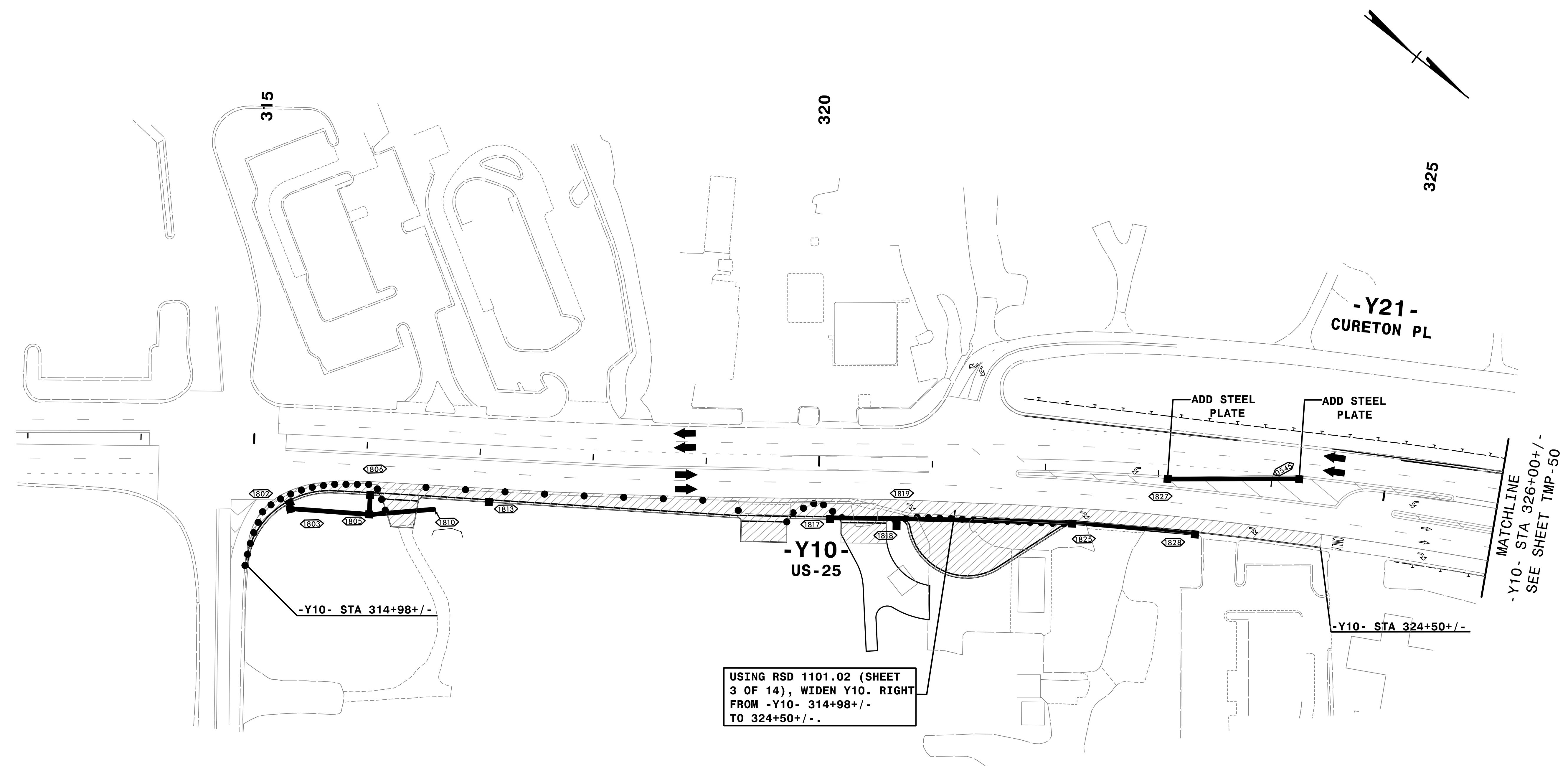
SEAL
 NORTH CAROLINA
 PROFESSIONAL
 ENGINEER
 RHONDA B. EARLY
 023521

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TRANSPORTATION
 MANAGEMENT PLAN

PHASE IIA
 DETAIL



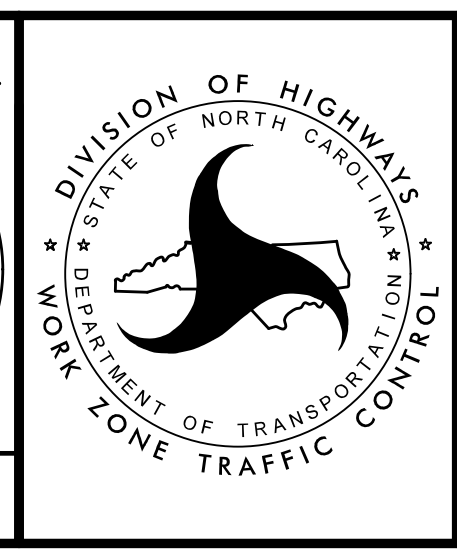
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 9/3/2019

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 NC License No: C-1554

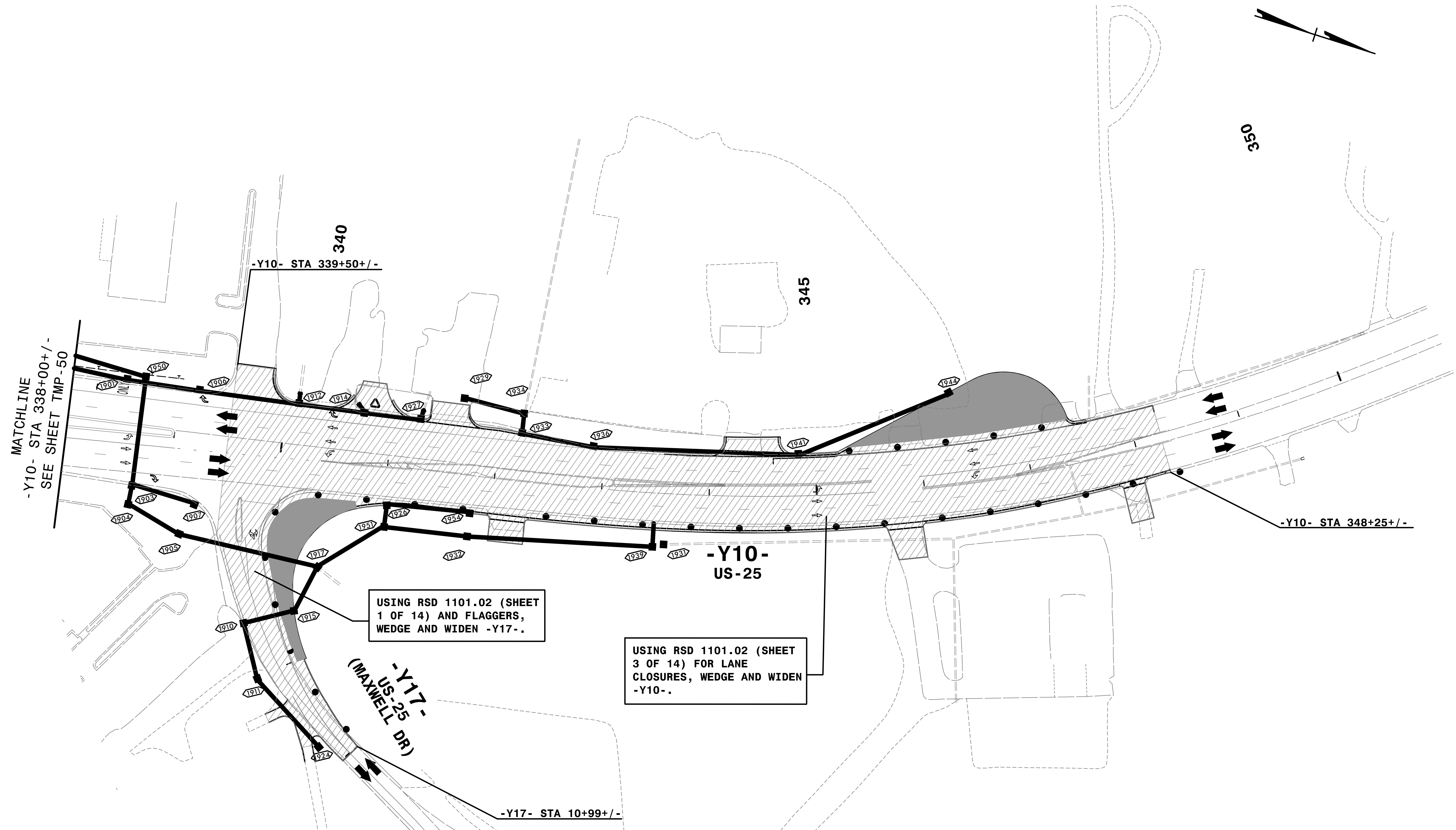
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 DATE: 9/3/2019

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TRANSPORTATION
 MANAGEMENT PLAN

PHASE IIA
 DETAIL



MATCHLINE
-Y10- STA 338+00+/-
SEE SHEET TMP-50

-Y10- STA 339+50+/-

-Y10- STA 348+25+/-

-Y10-
US-25

USING RSD 1101.02 (SHEET
1 OF 14) AND FLAGGERS,
WEDGE AND WIDEN -Y17-.

USING RSD 1101.02 (SHEET
3 OF 14) FOR LANE
CLOSURES, WEDGE AND WIDEN
-Y10-.

-Y17-
US-25
(MAXWELL DR)

-Y17- STA 10+99+/-

REMOVE CONFLICTING PAVEMENT MARKING.

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9/3/2019

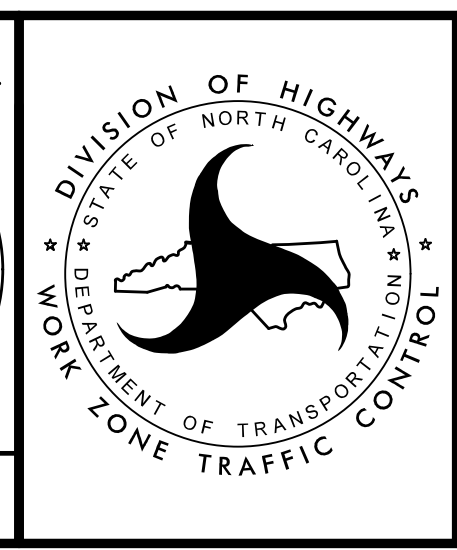
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NC License No: C-1554

APPROVED: *Rhonda B. Early*
DATE: 9/3/2019

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Rhonda B. Early
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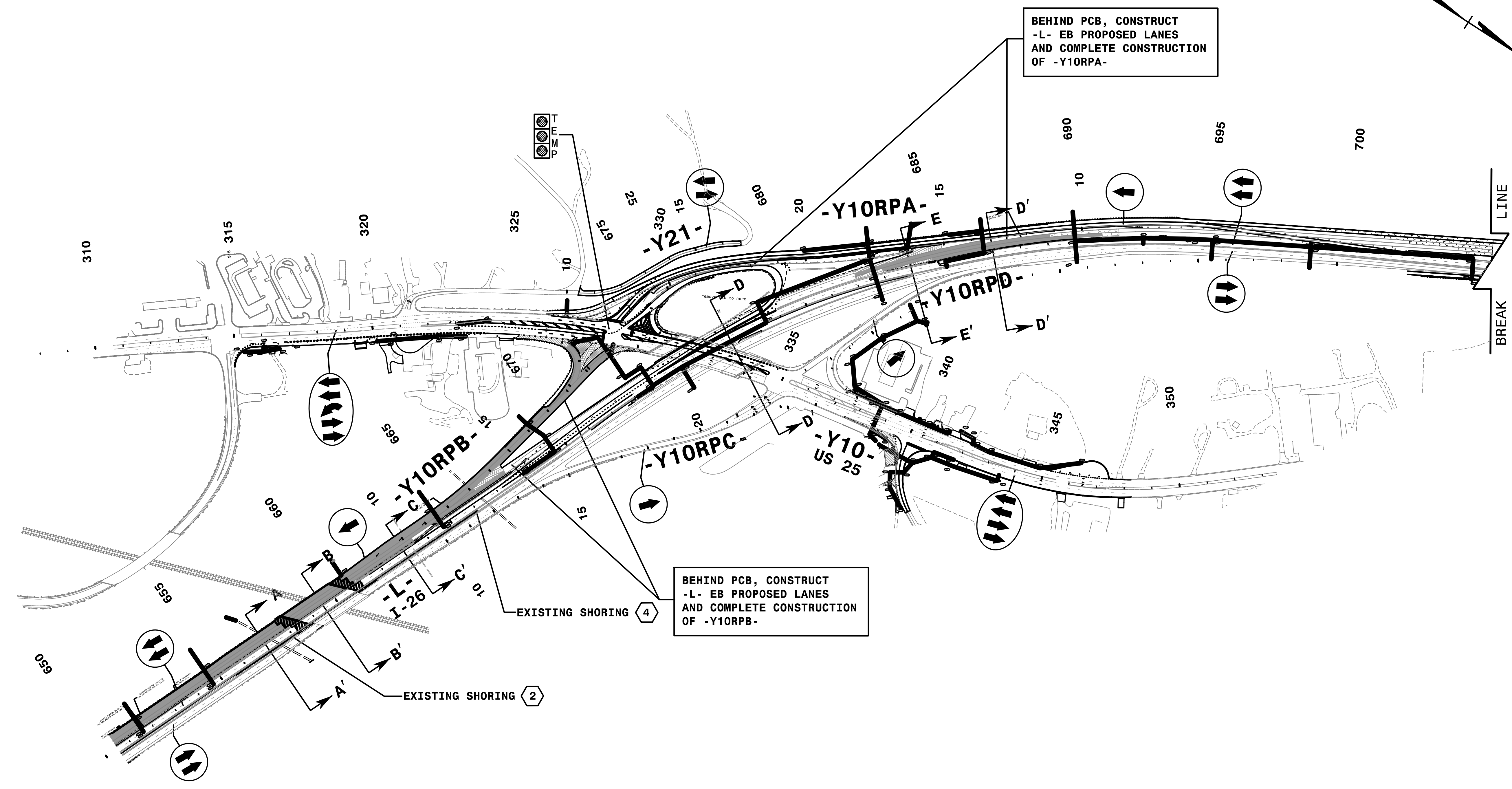
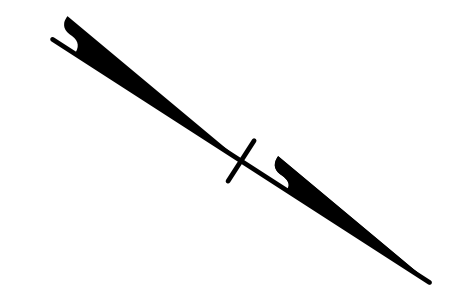
PROFESSIONAL ENGINEER
NORTH CAROLINA
SEAL
023521
RHONDA B. EARLY

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TRANSPORTATION
MANAGEMENT PLAN

PHASE IIA
DETAIL



BEHIND PCB, CONSTRUCT
-L- EB PROPOSED LANES
AND COMPLETE CONSTRUCTION
OF -Y10RPA-

BEHIND PCB, CONSTRUCT
-L- EB PROPOSED LANES
AND COMPLETE CONSTRUCTION
OF -Y10RPB-

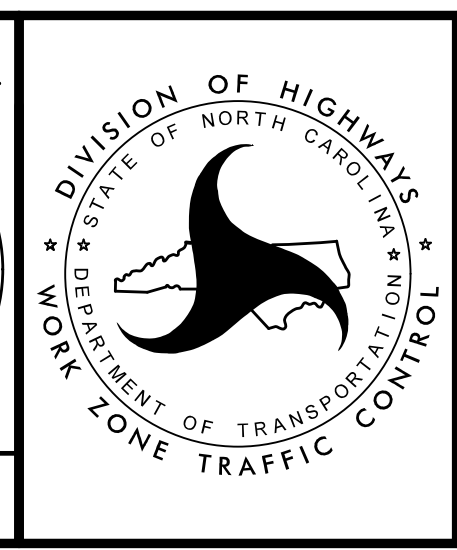
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9/3/2019

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HNTB NORTH CAROLINA, P.C.
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Raleigh, North Carolina 27609
NC License No: C-1554

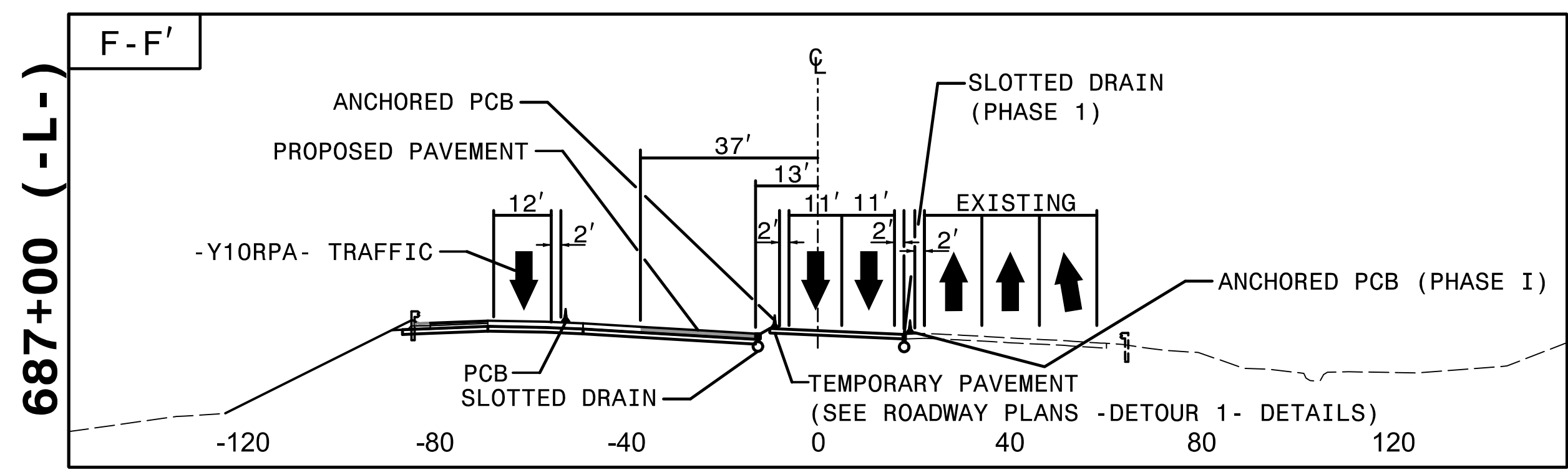
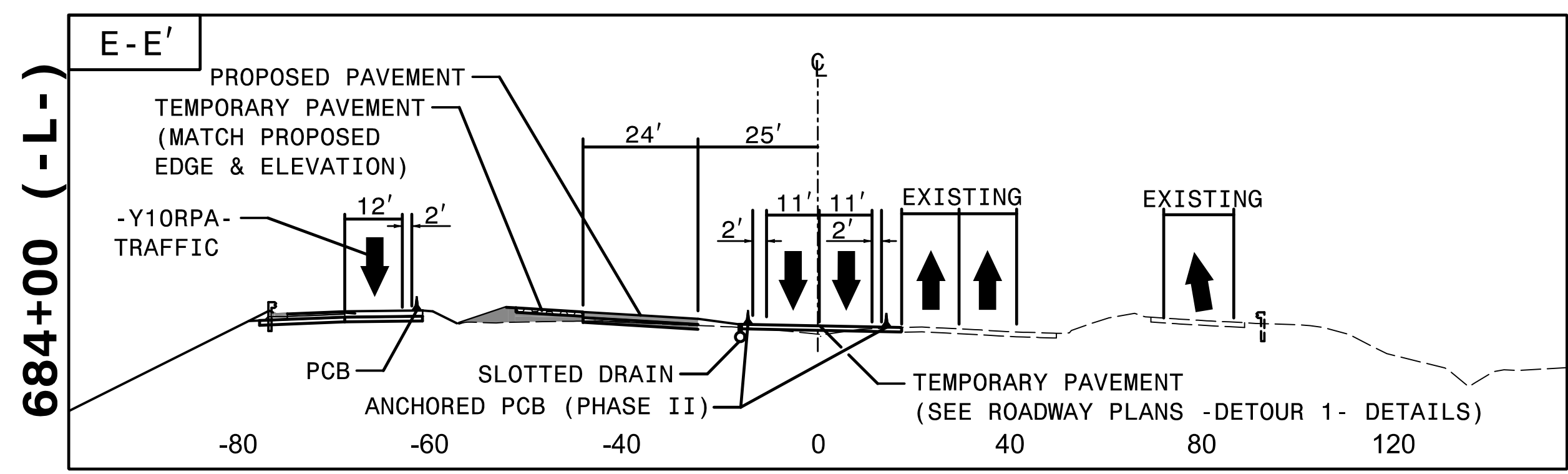
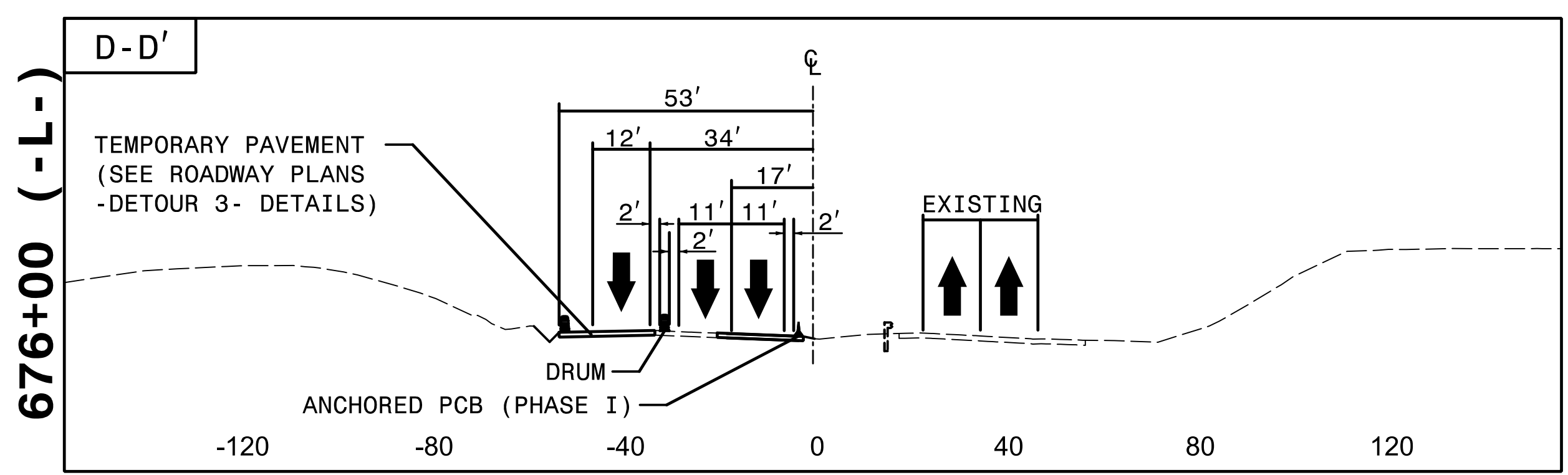
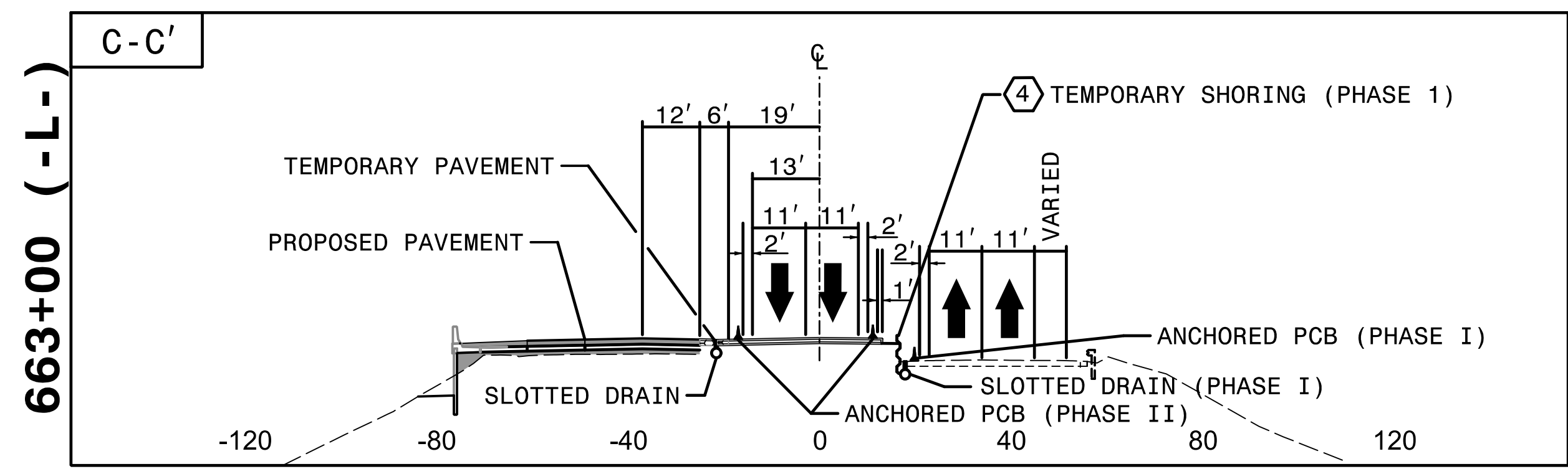
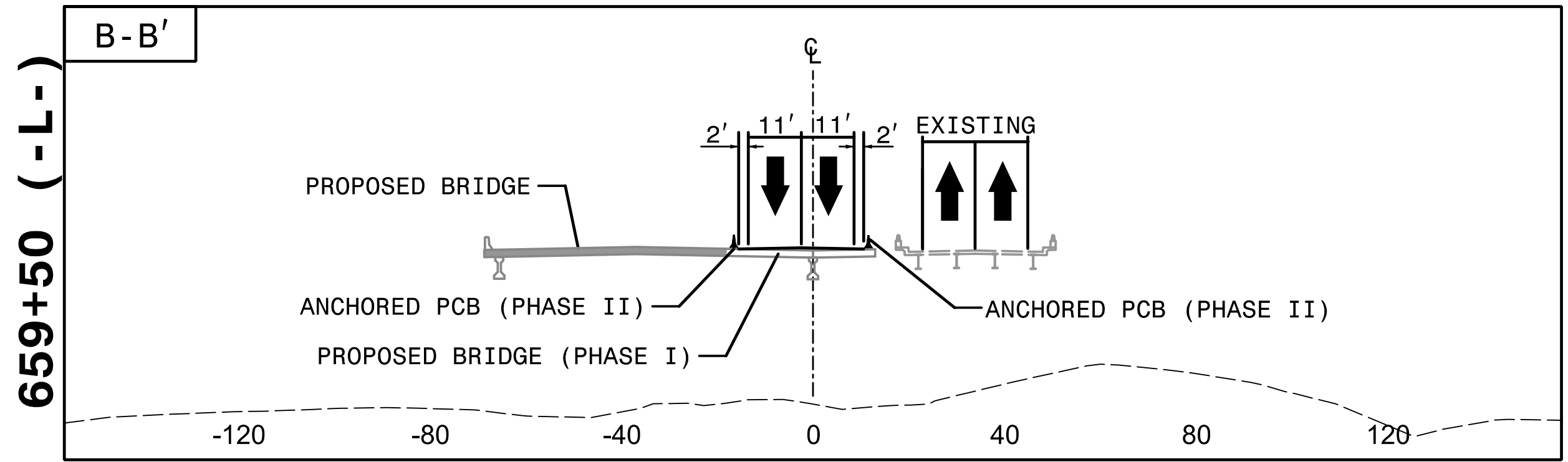
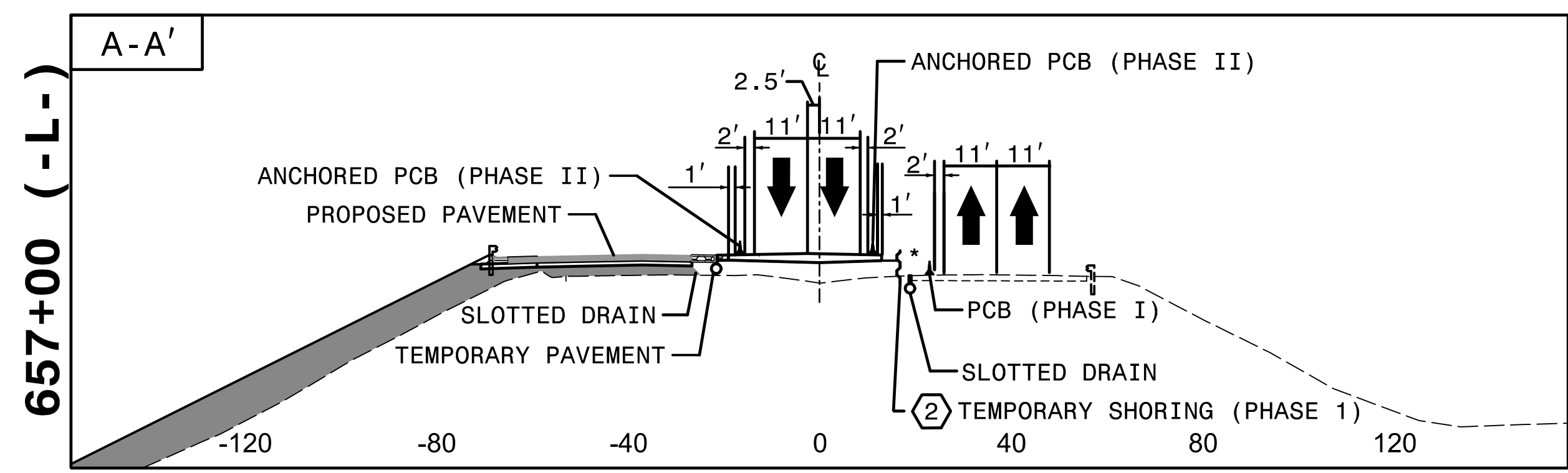
APPROVED: *Rhonda B. Early*
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TRANSPORTATION
MANAGEMENT PLAN

PHASE IIB
OVERVIEW



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9/3/2019

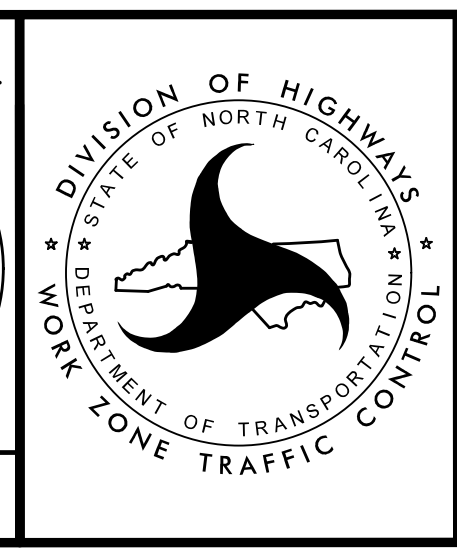


APPROVED: *Rhonda B. Early*
DATE: 9/3/2019

DESIGNED BY: Rhonda B. Early
F34CAFAC0BFB8A

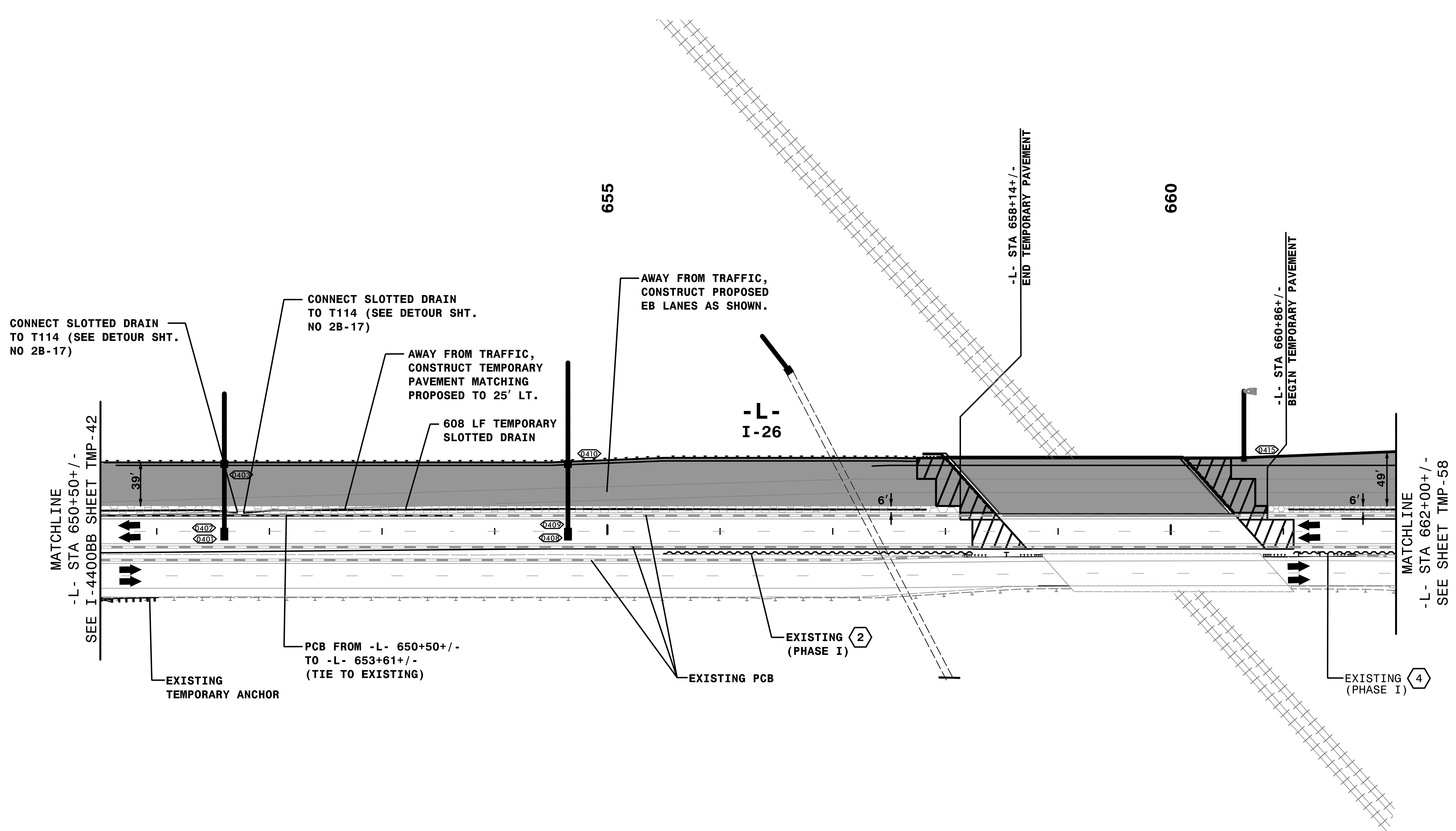
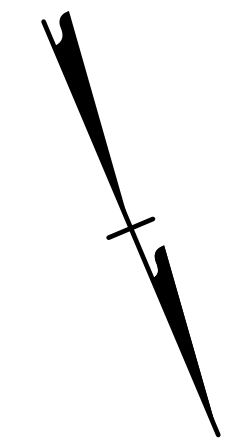
PROFESSIONAL SEAL
NORTH CAROLINA
ENGINEER
RHONDA B. EARLY
023521

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TRANSPORTATION MANAGEMENT PLAN

PHASE IIB CUT SECTIONS



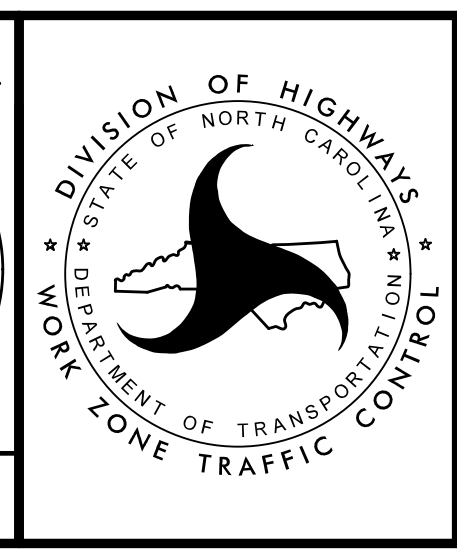
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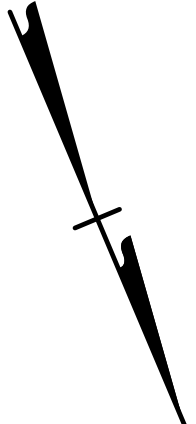
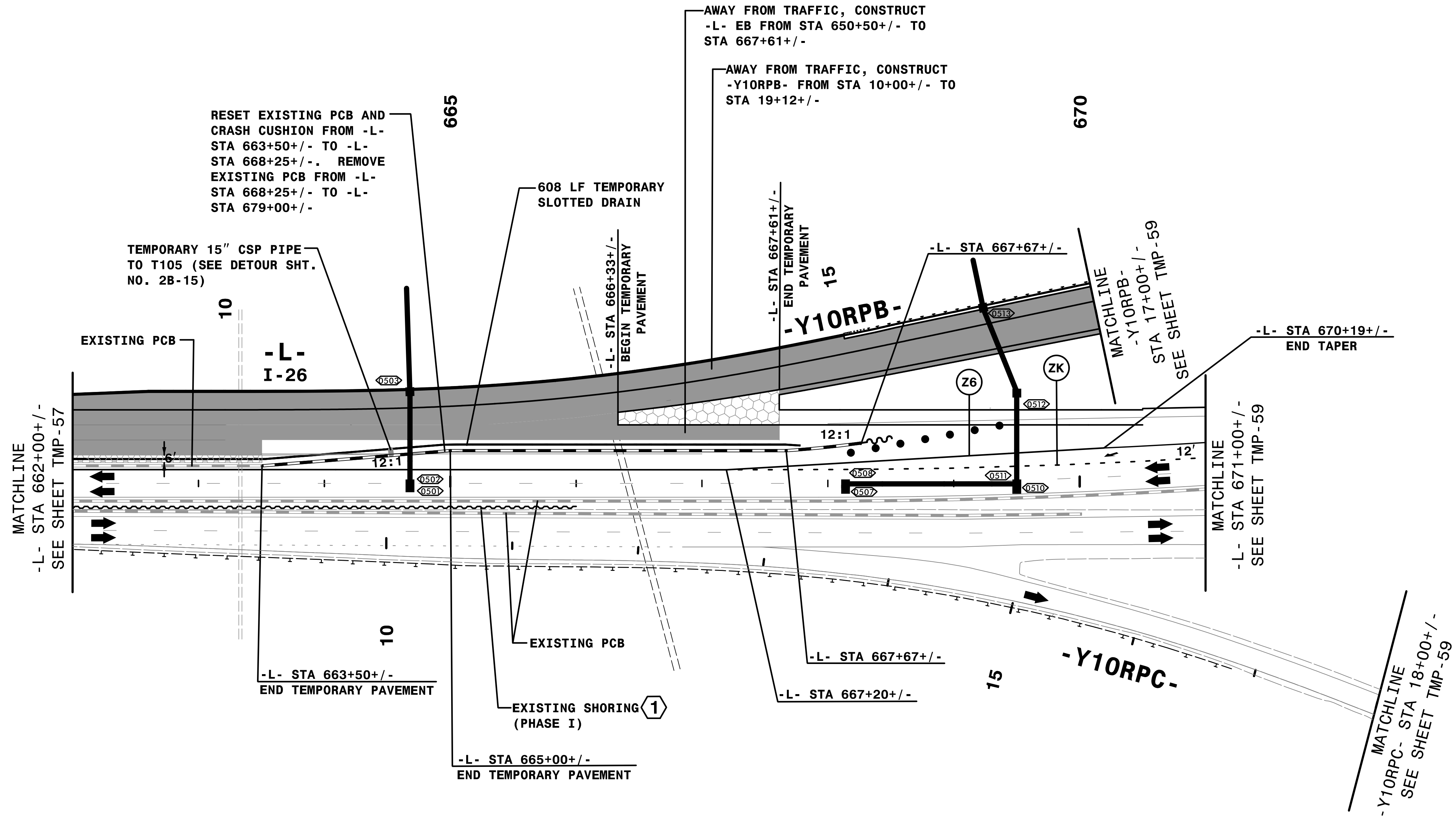
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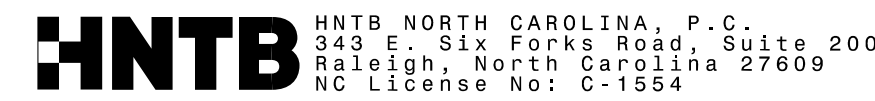
TRANSPORTATION
 MANAGEMENT PLAN

**PHASE IIB
 DETAIL**



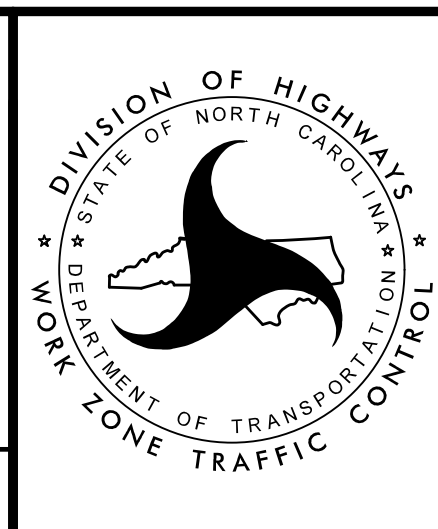
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 9/3/2019



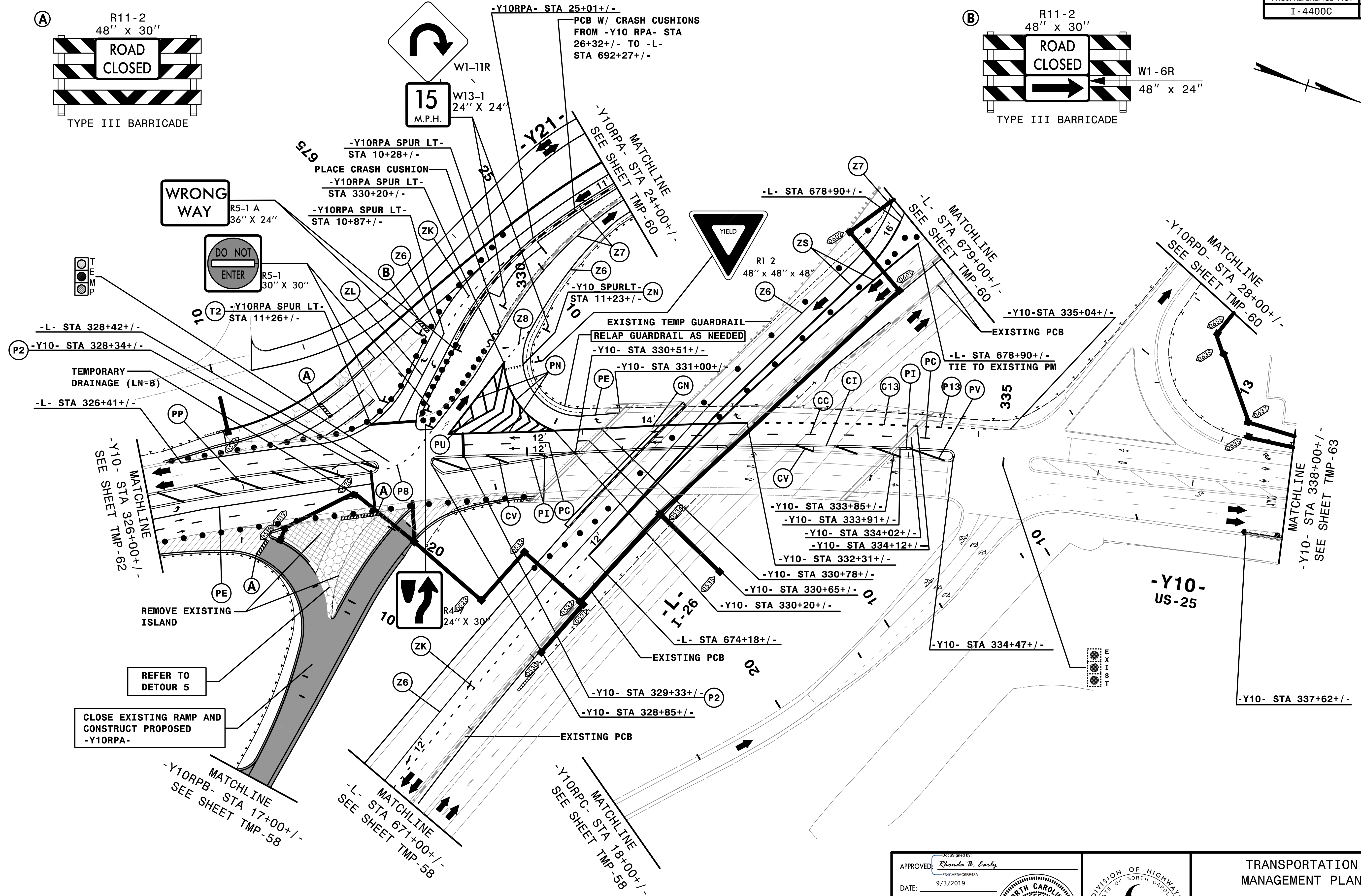
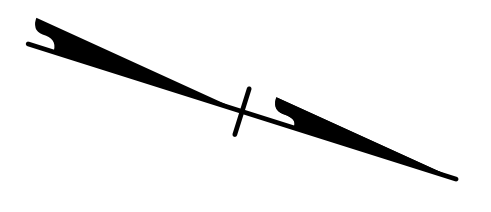
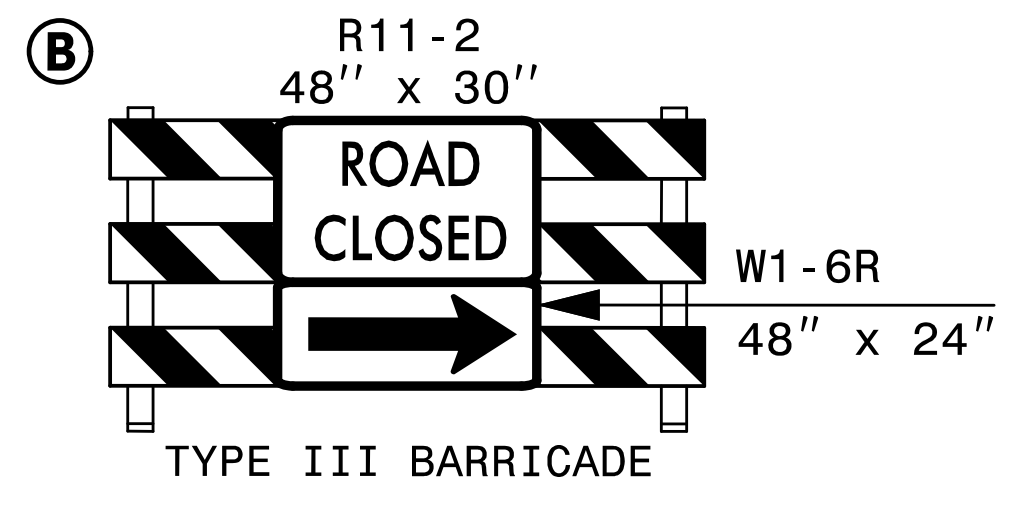
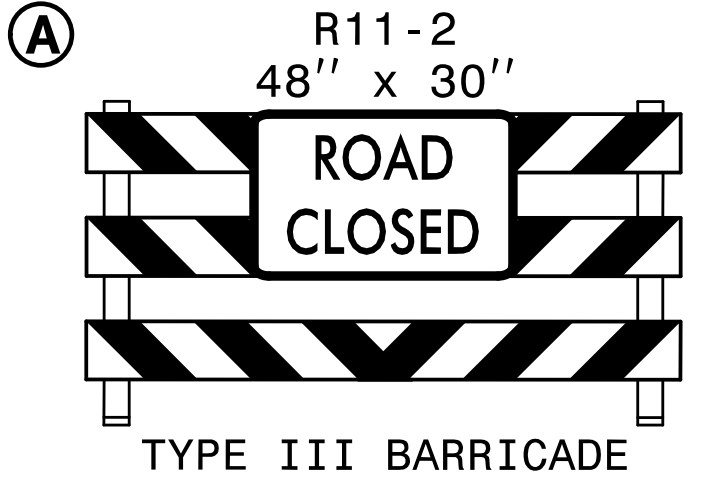
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE IIB
 DETAIL



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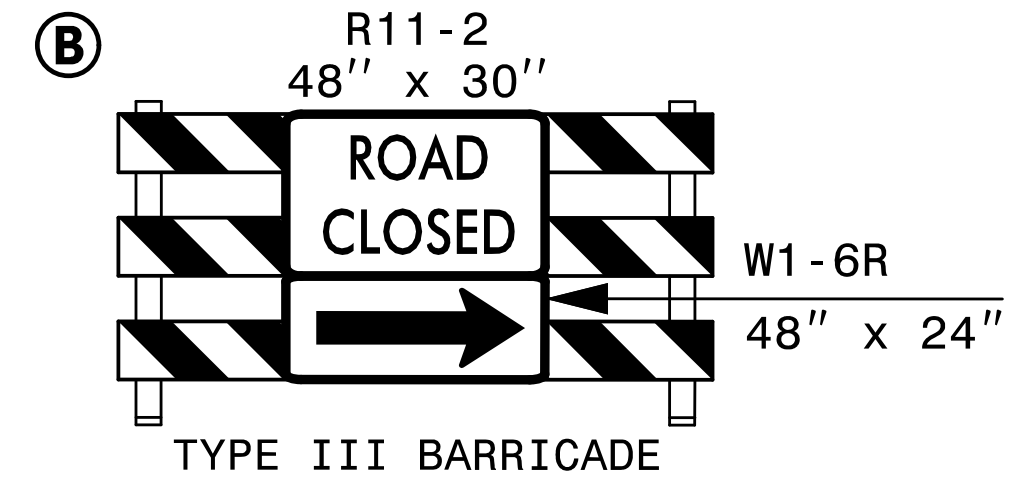
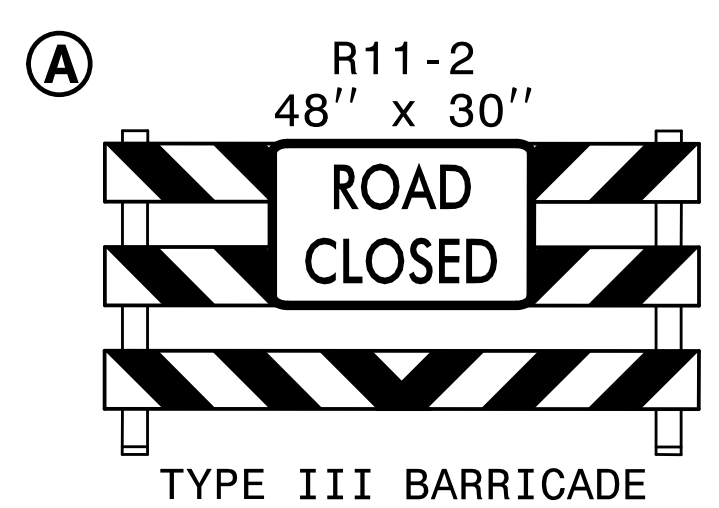
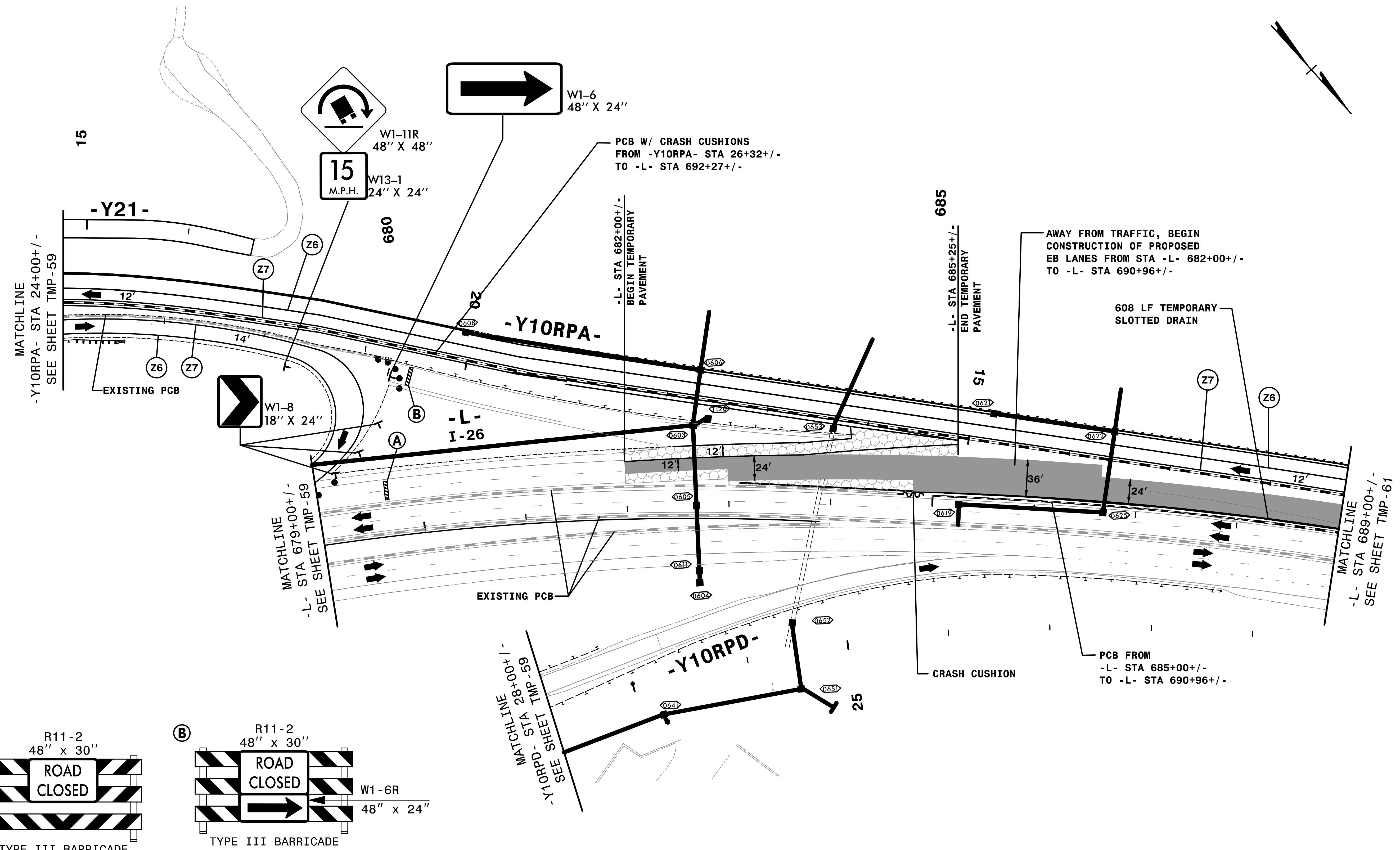
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TRANSPORTATION
MANAGEMENT PLAN

**PHASE IIB
DETAIL**

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9/3/2019



REMOVE CONFLICTING PAVEMENT MARKING.

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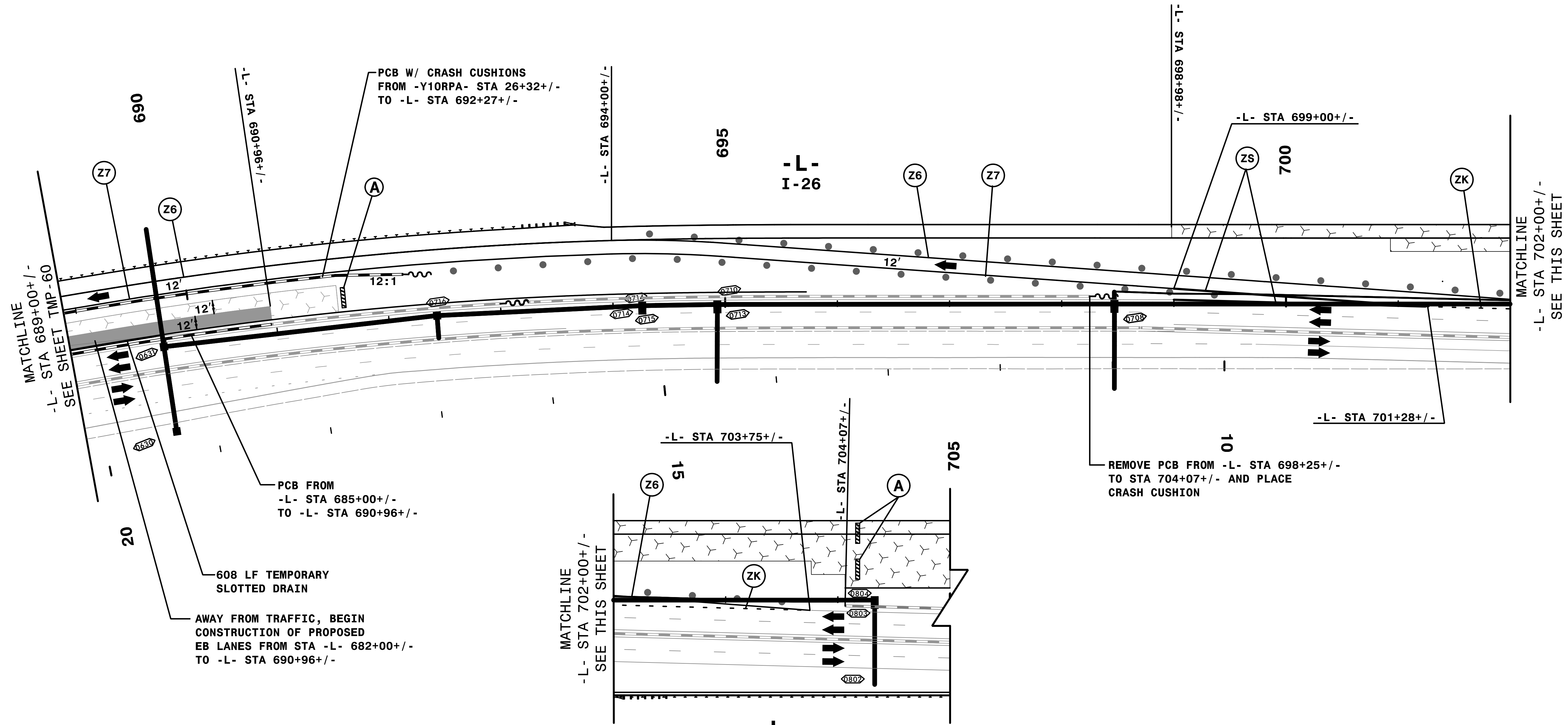
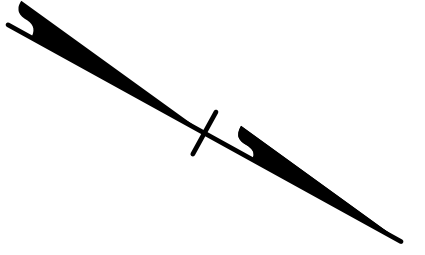
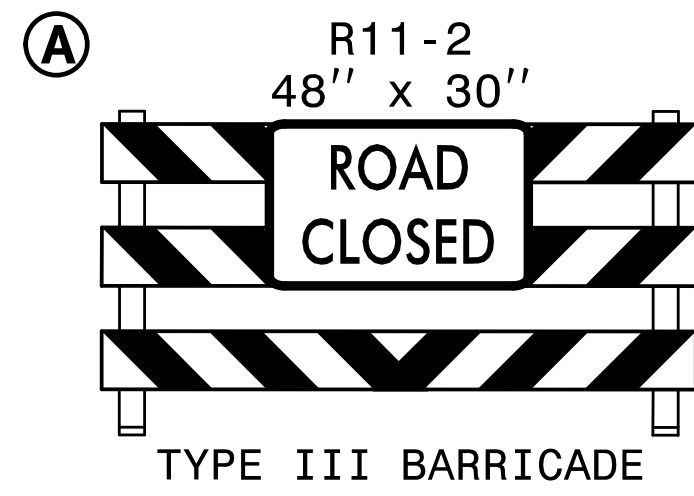
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DATE: 9/3/2019
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 023521
RHONDA B. EARLY



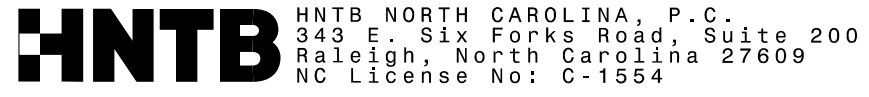
TRANSPORTATION MANAGEMENT PLAN

PHASE IIB
DETAIL

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DATE: 9/3/2019

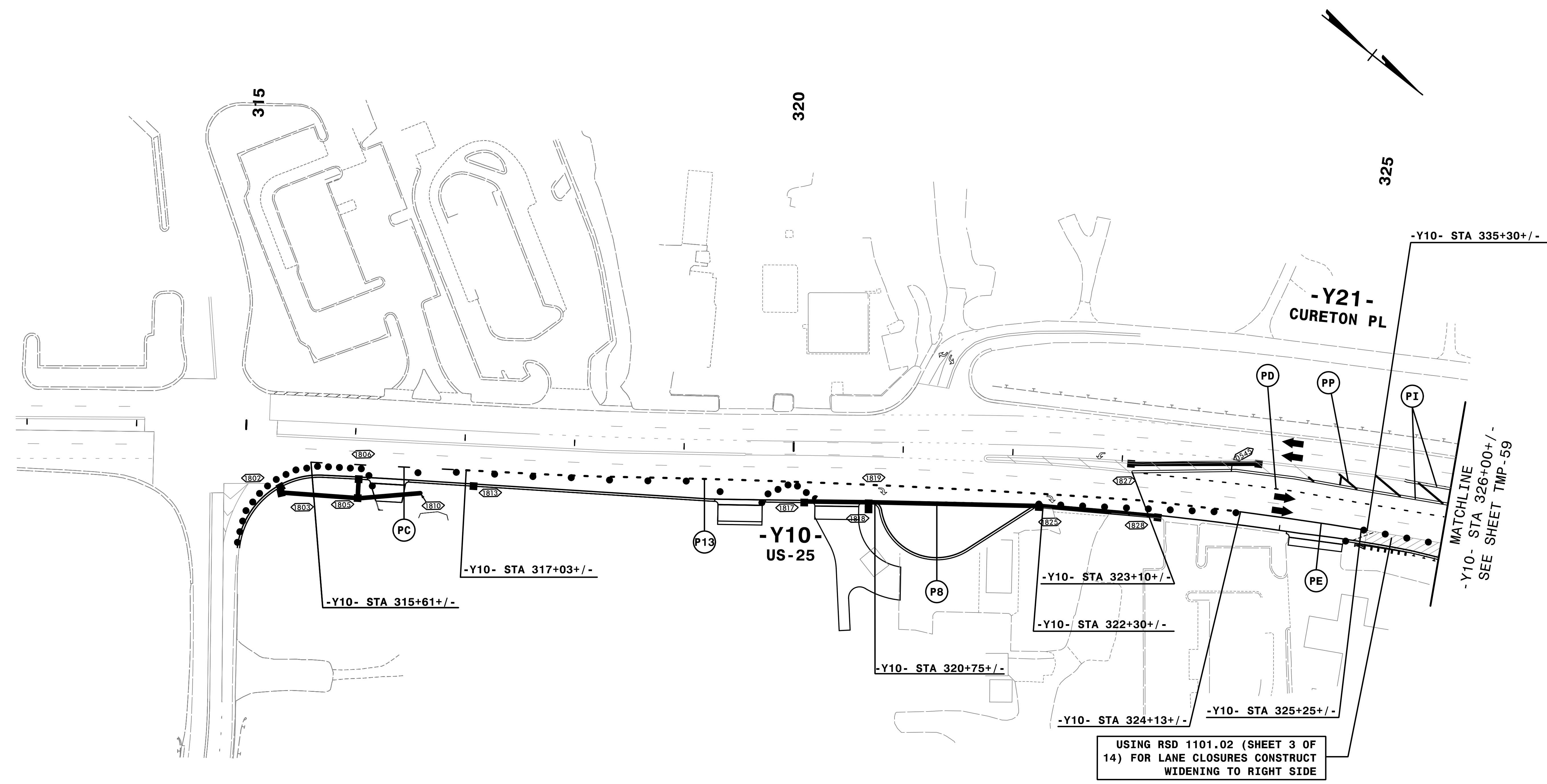
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TRANSPORTATION
MANAGEMENT PLAN

PHASE IIB
DETAIL

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9/3/2019



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9/3/2019

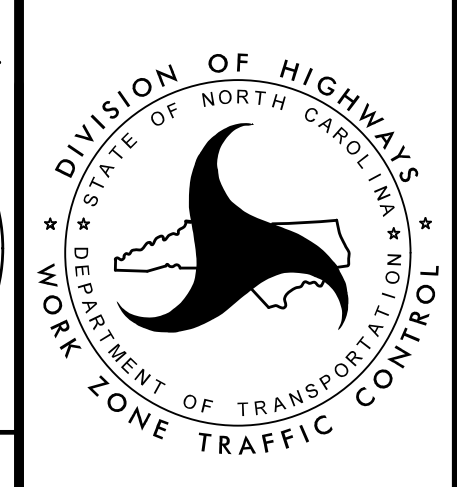
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DATE: 9/3/2019

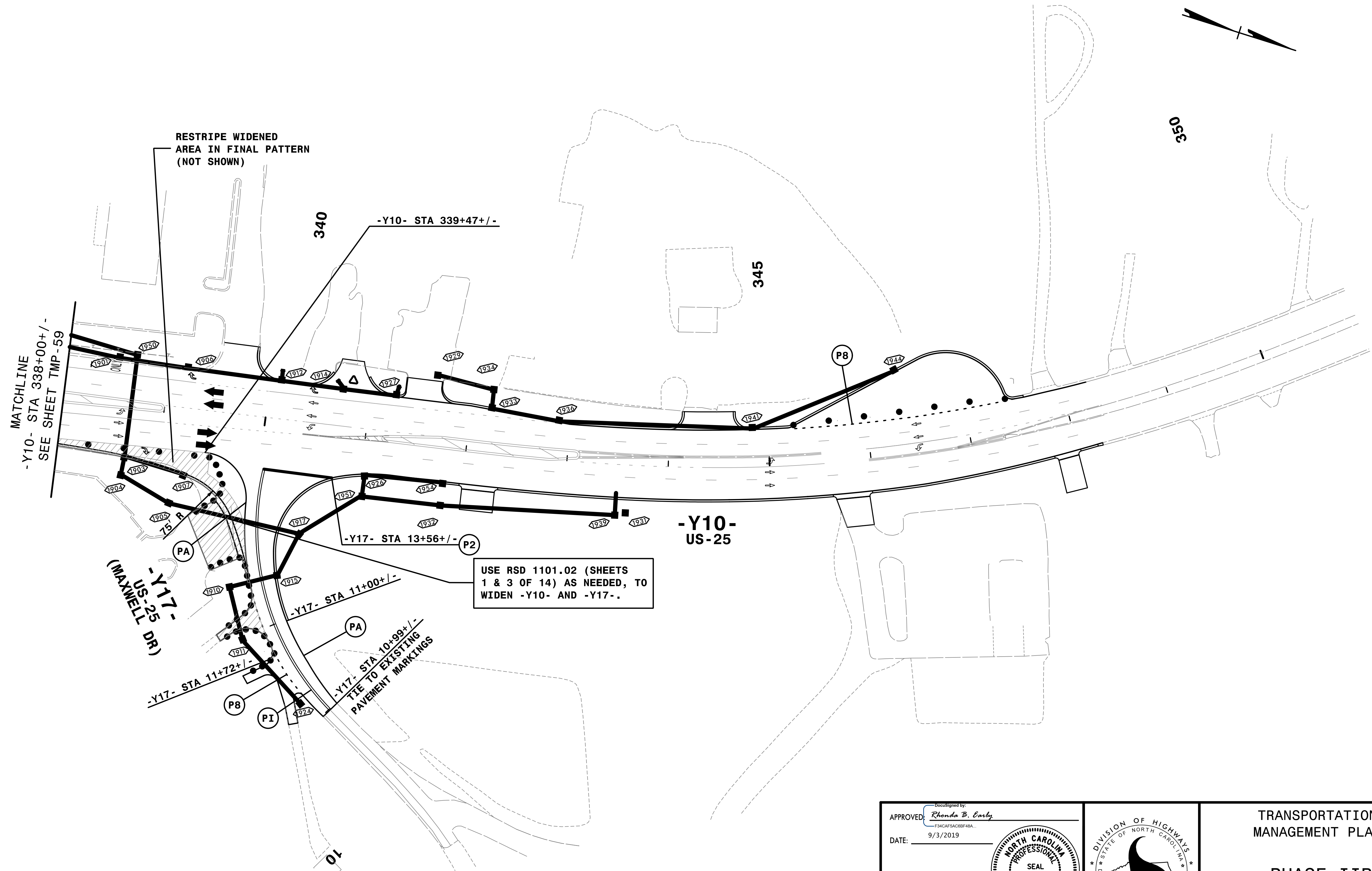
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 023521
 ENGINEER
 RHONDA B. EARLY

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TRANSPORTATION
 MANAGEMENT PLAN

PHASE IIB
 DETAIL



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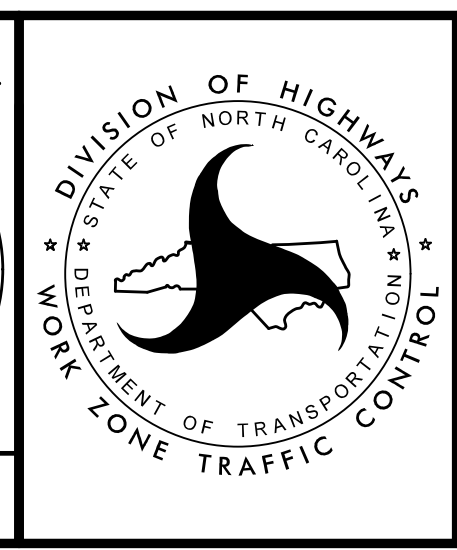
USE RSD 1101.02 (SHEETS 1 & 3 OF 14) AS NEEDED, TO WIDEN -Y10- AND -Y17-.

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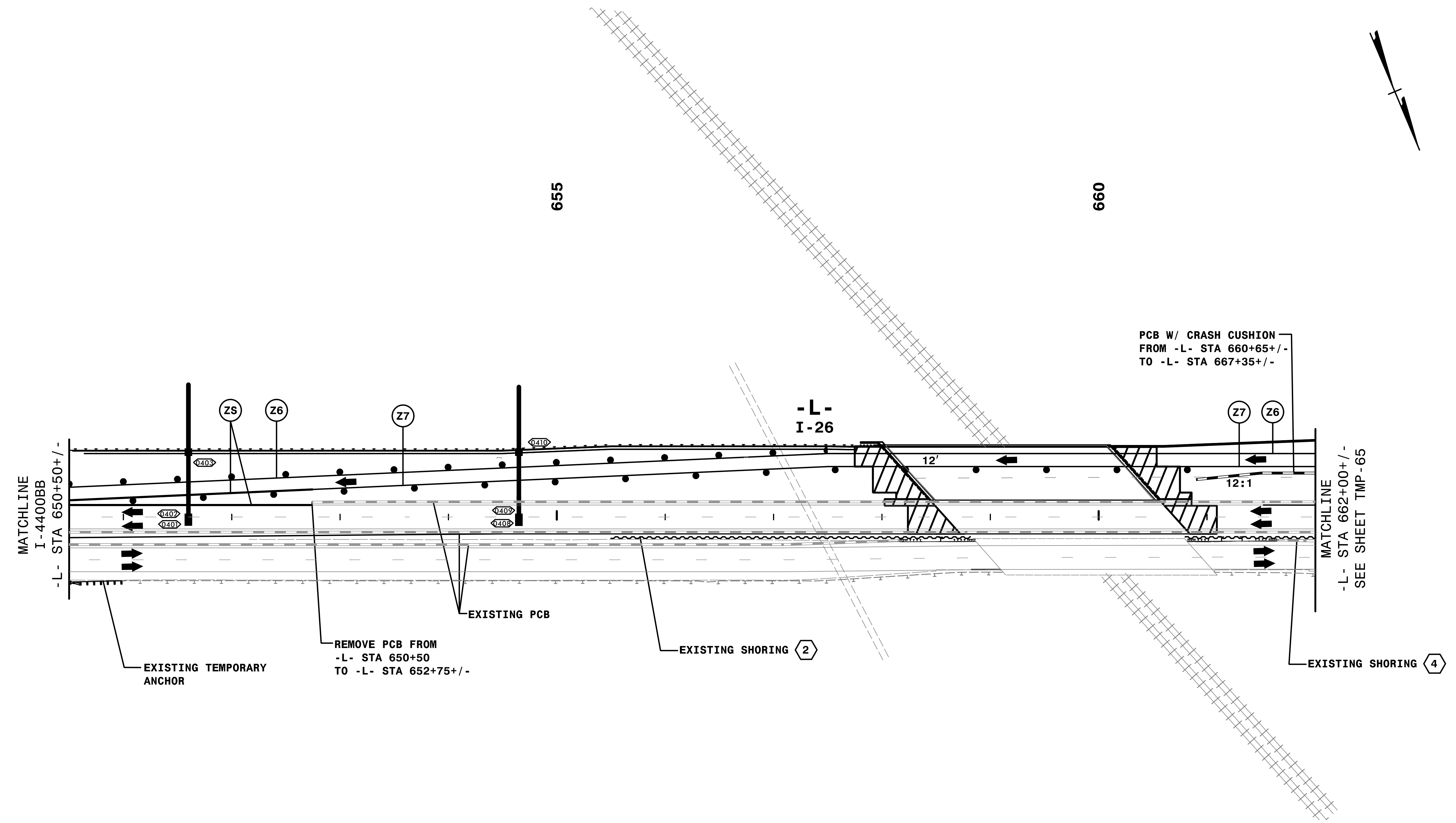
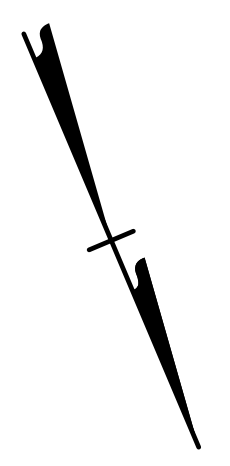
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 023521
 RHONDA B. EARLY

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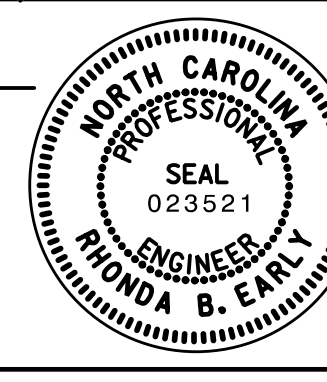
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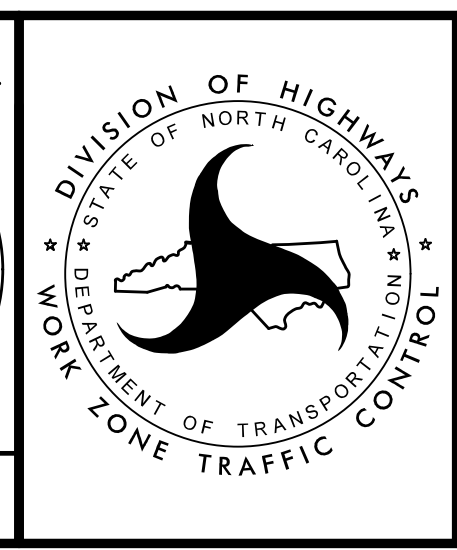
PHASE IIB DETAIL



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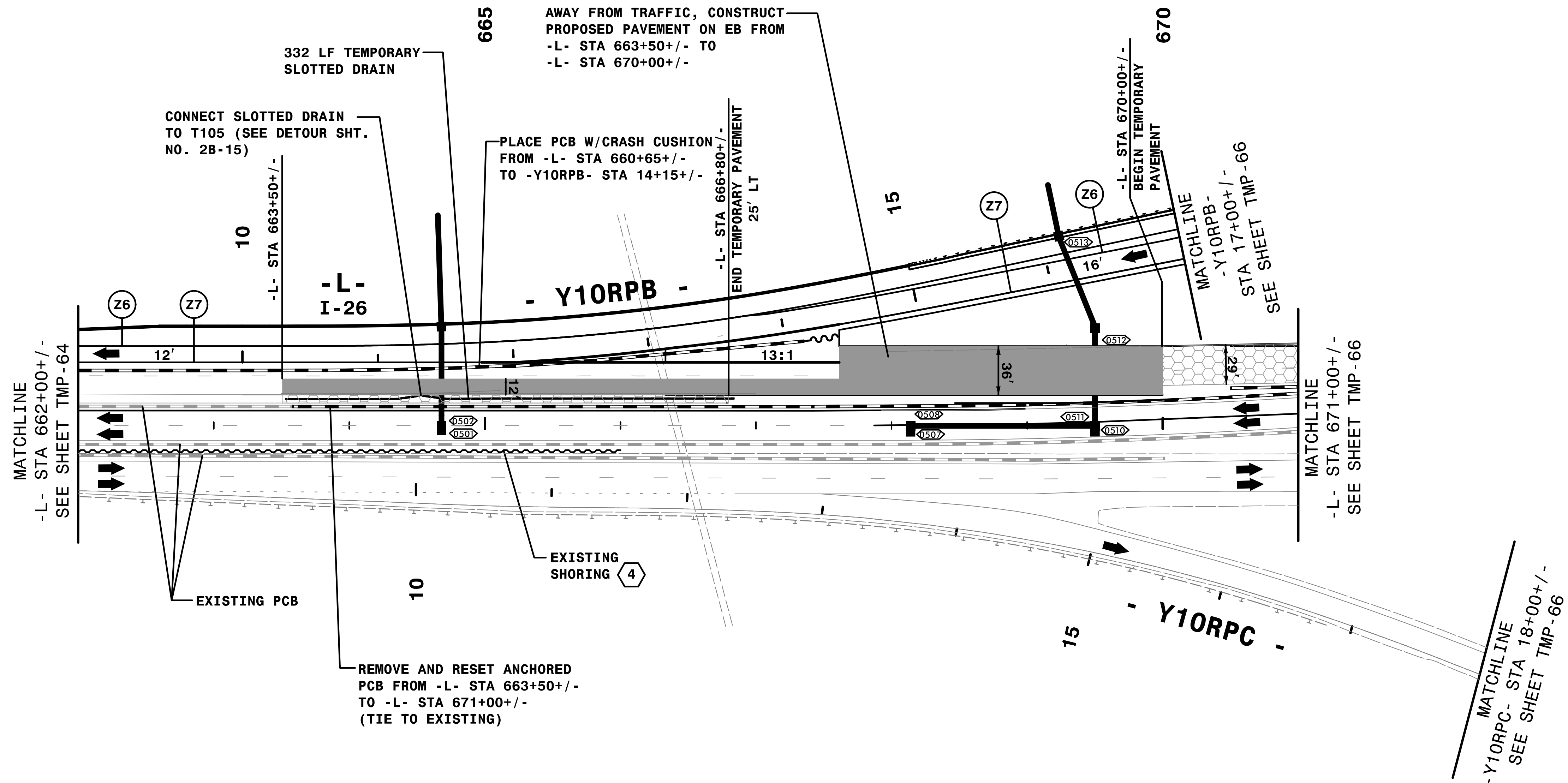
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TRANSPORTATION
 MANAGEMENT PLAN

 PHASE IIC
 DETAIL



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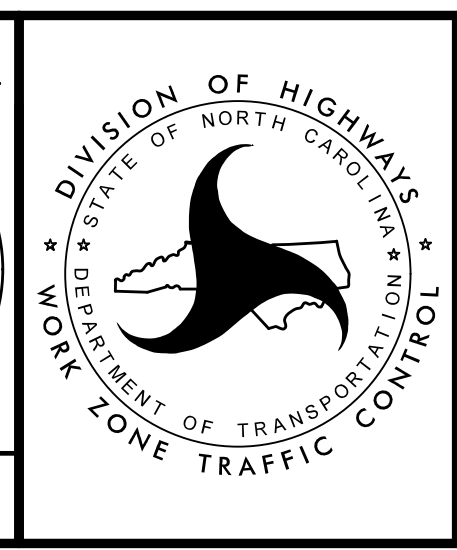
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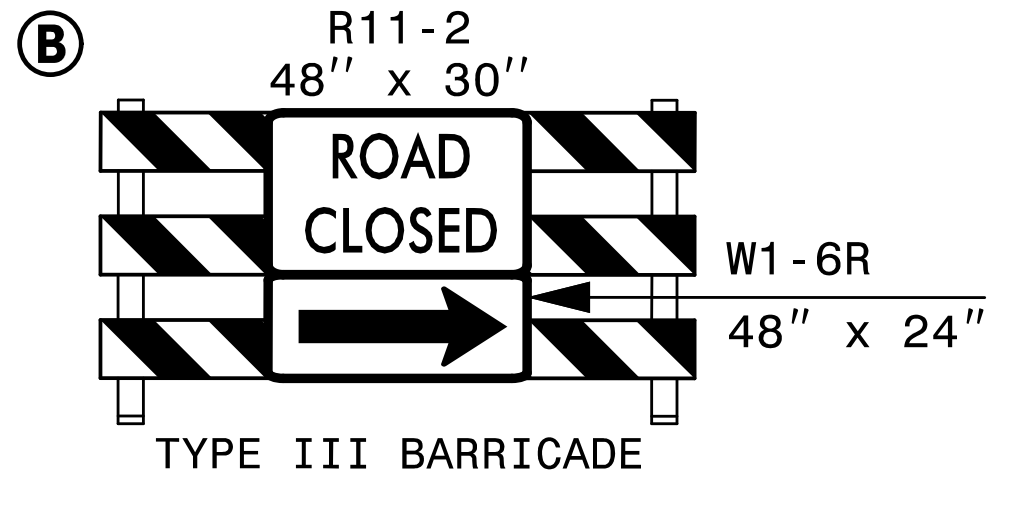
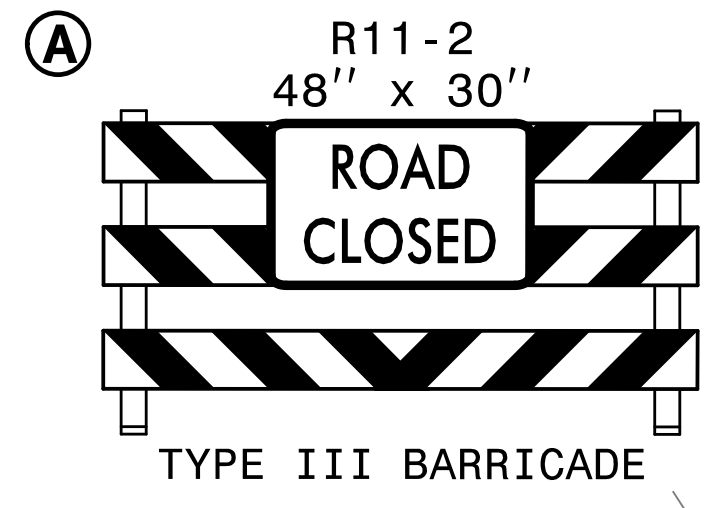
PROFESSIONAL ENGINEER
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SEAL
023521
RHONDA B. EARLY

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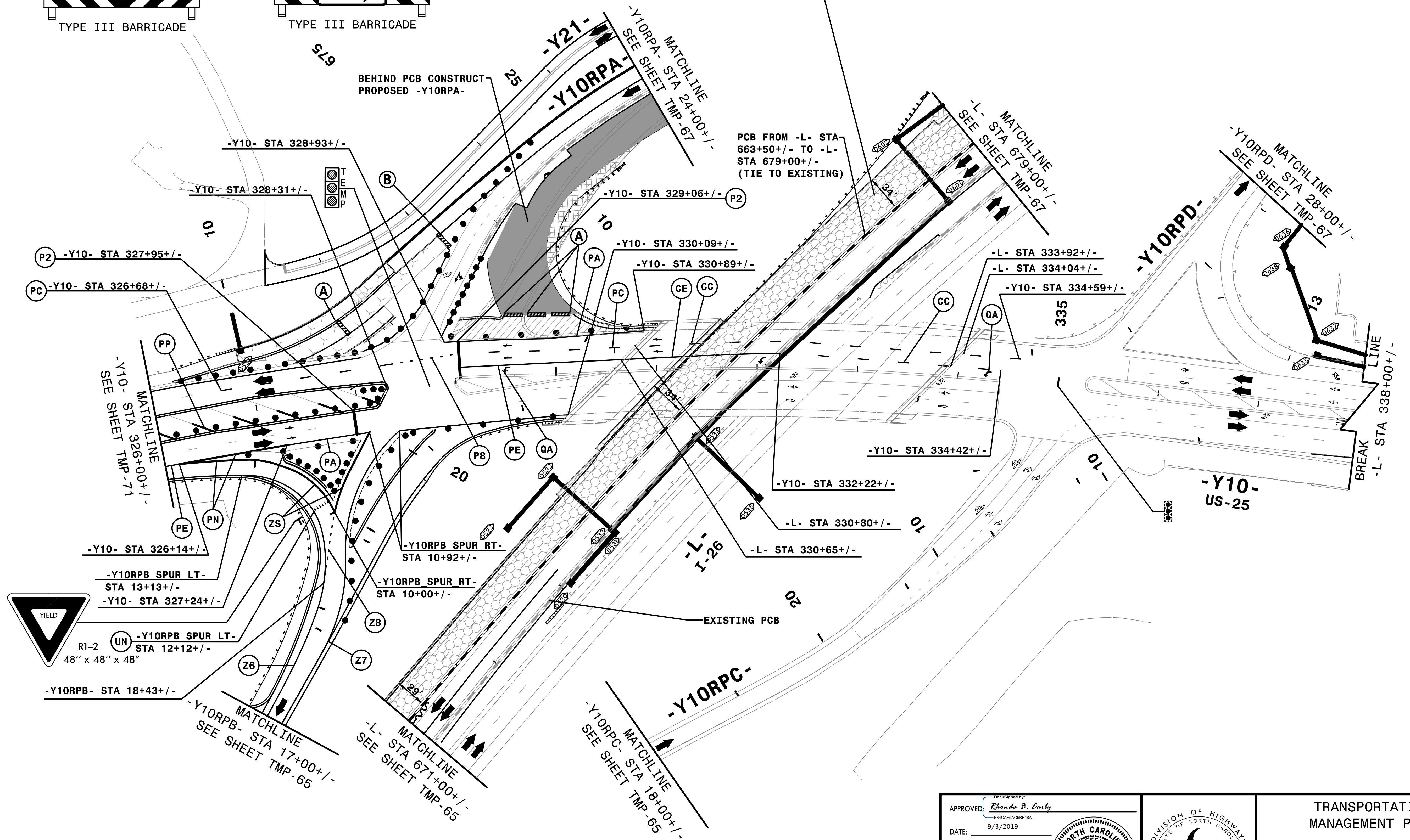
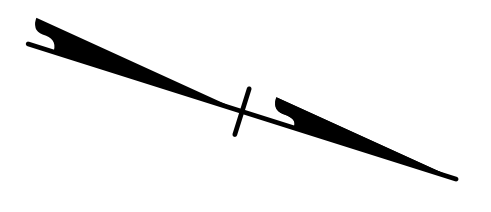


TRANSPORTATION
MANAGEMENT PLAN

PHASE IIC
DETAIL



AWAY FROM TRAFFIC, CONSTRUCT
TEMPORARY PAVEMENT ON EB FROM
-L- STA 670+00+/- TO
-L- STA 685+24+/-

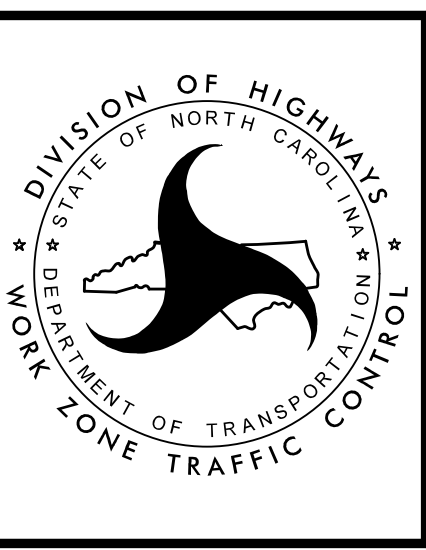


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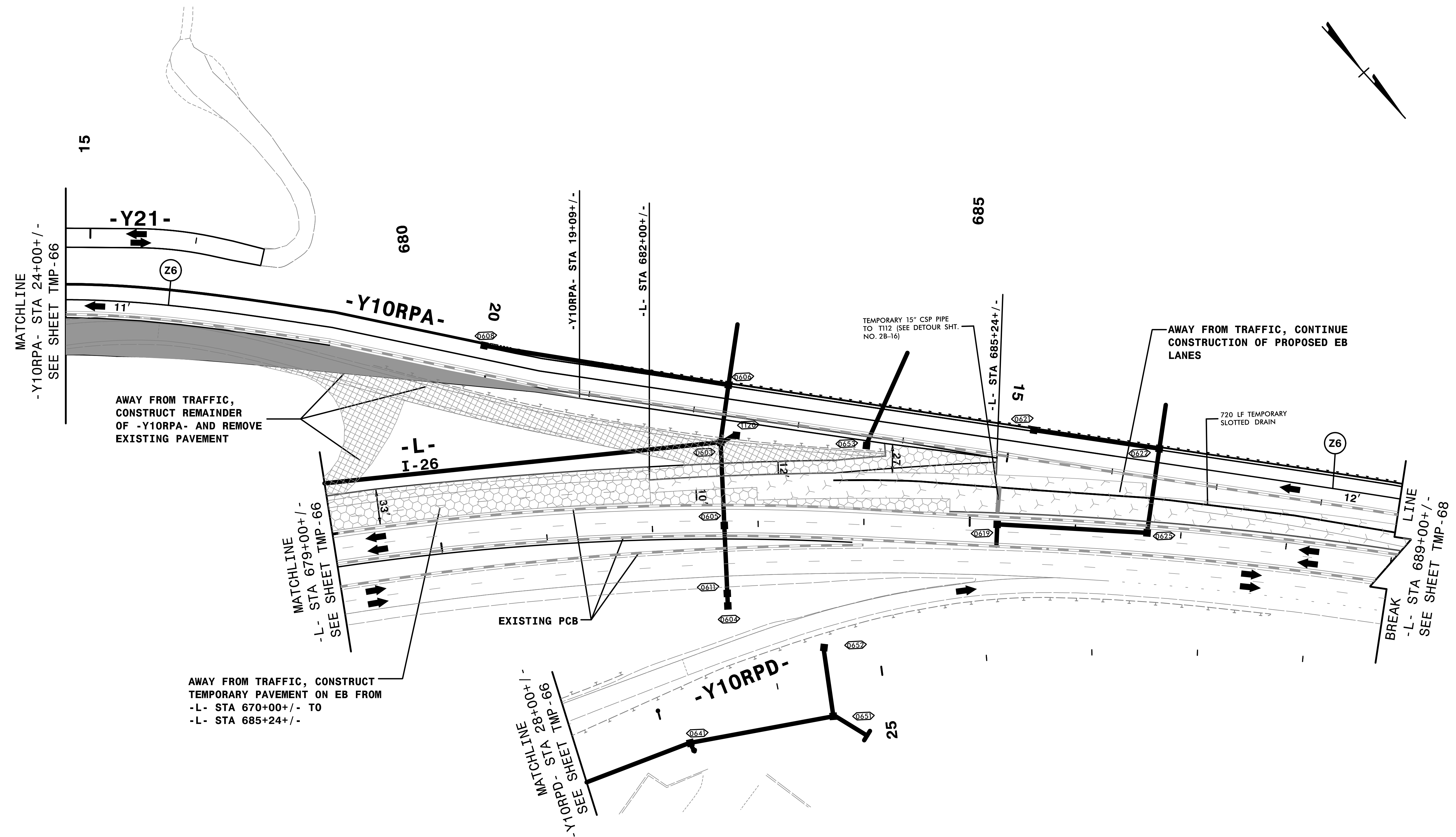
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TRANSPORTATION
MANAGEMENT PLAN

PHASE IIC
DETAIL

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9/3/2019



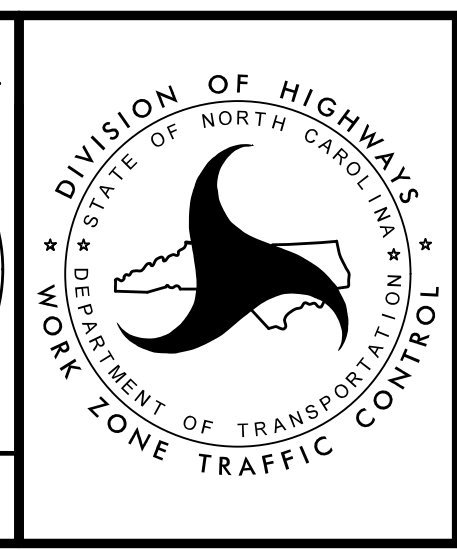
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 RHONDA B. EARLY

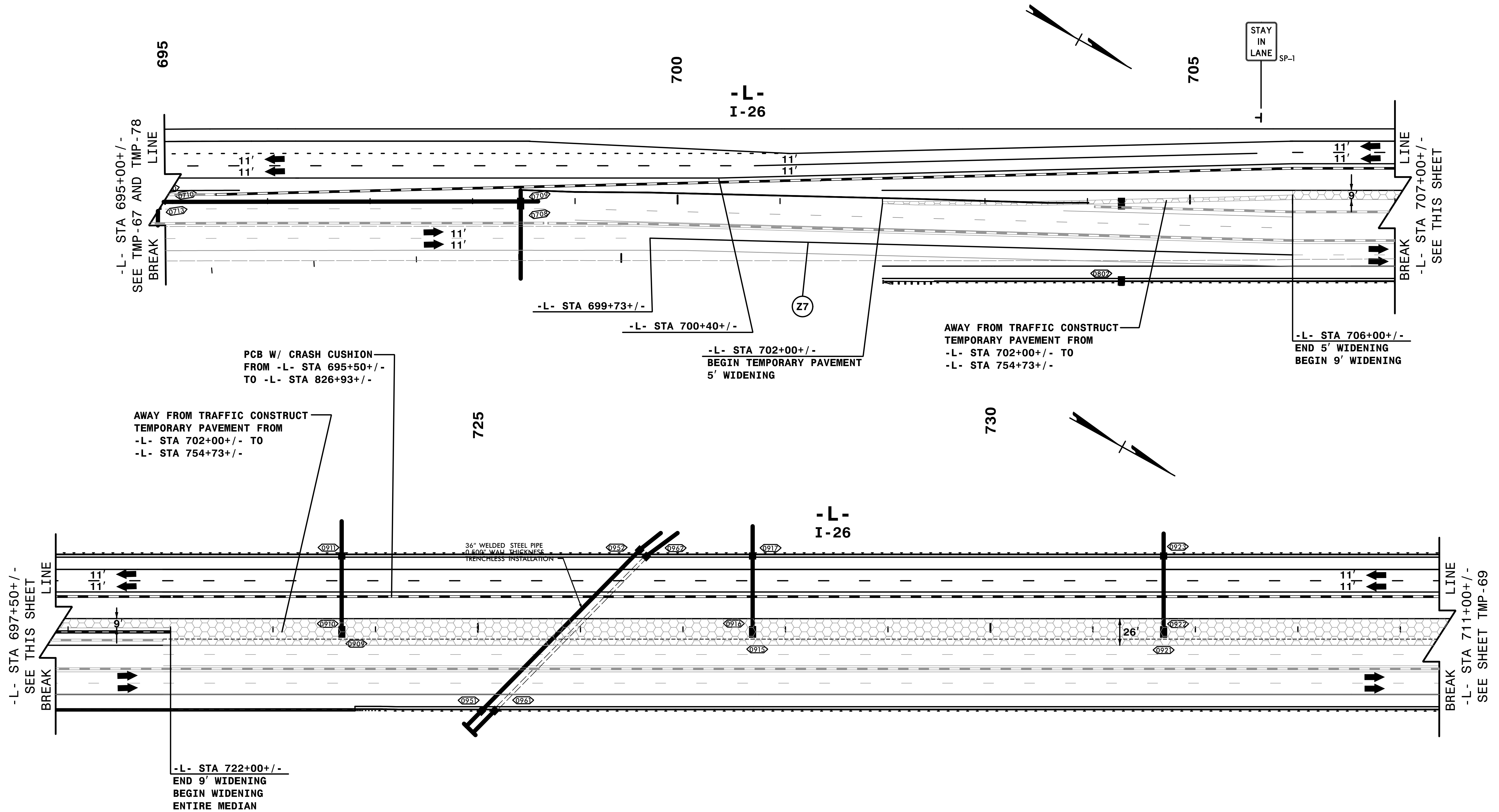
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TRANSPORTATION MANAGEMENT PLAN

PHASE IIC DETAIL

SEE TMP-74 THRU TMP-89 FOR EB -L- MARKING AND PCB



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9/3/2019

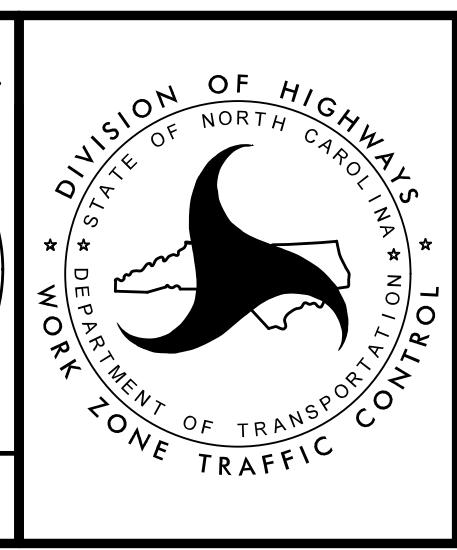
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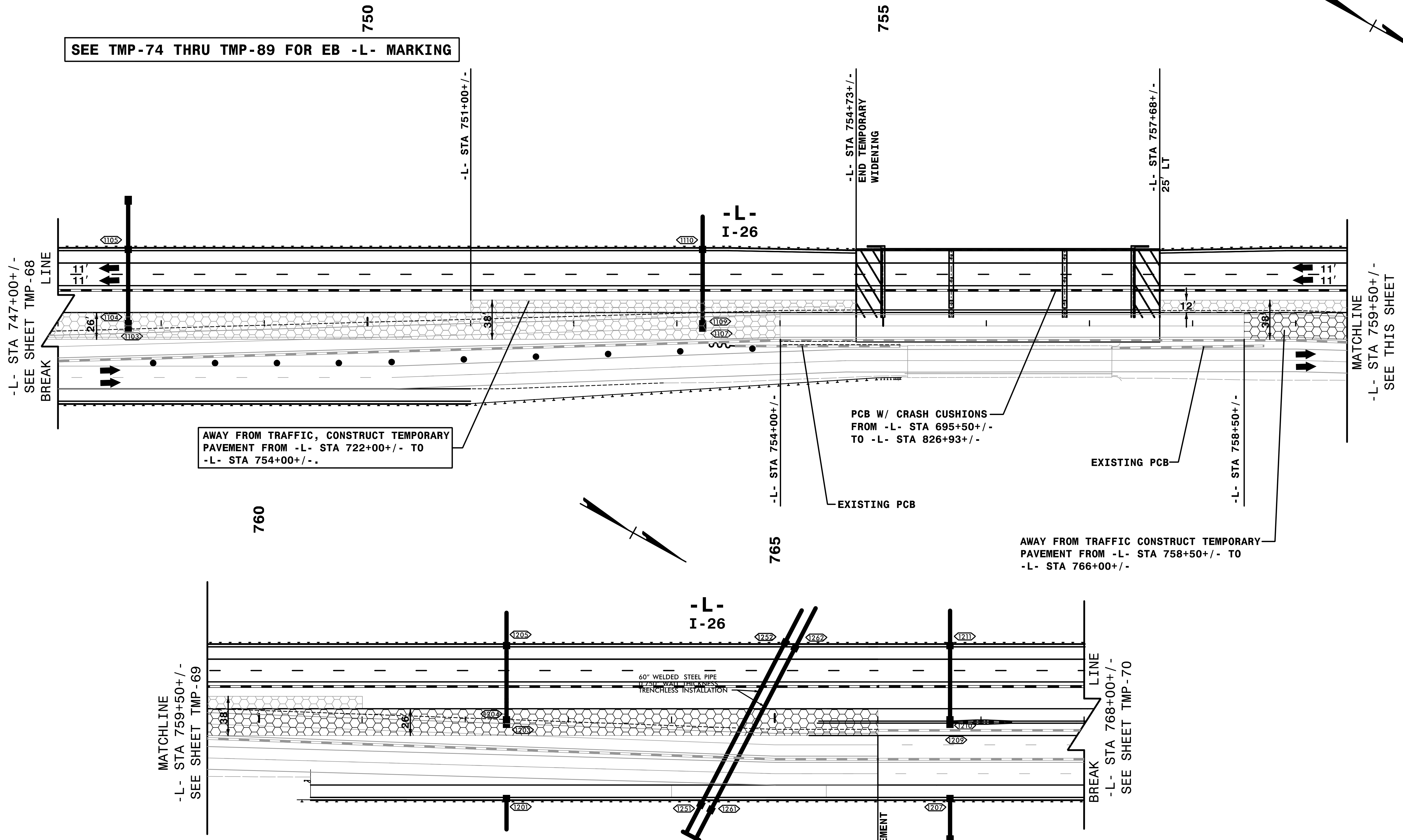
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE IIC
 DETAIL



SEE TMP-74 THRU TMP-89 FOR EB -L- MARKING

AWAY FROM TRAFFIC, CONSTRUCT TEMPORARY PAVEMENT FROM -L- STA 722+00+/- TO -L- STA 754+00+/-.

PCB W/ CRASH CUSHIONS FROM -L- STA 695+50+/- TO -L- STA 826+93+/-

AWAY FROM TRAFFIC CONSTRUCT TEMPORARY PAVEMENT FROM -L- STA 758+50+/- TO -L- STA 766+00+/-

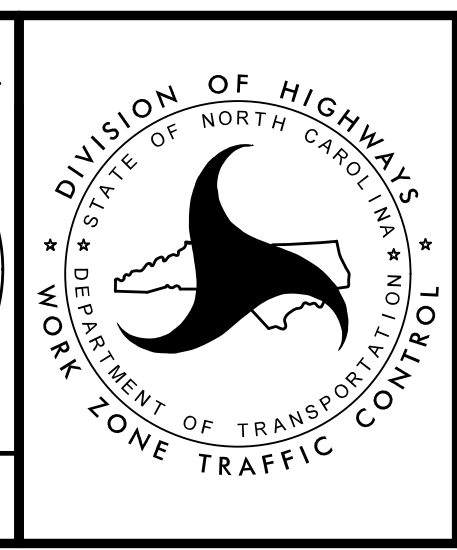
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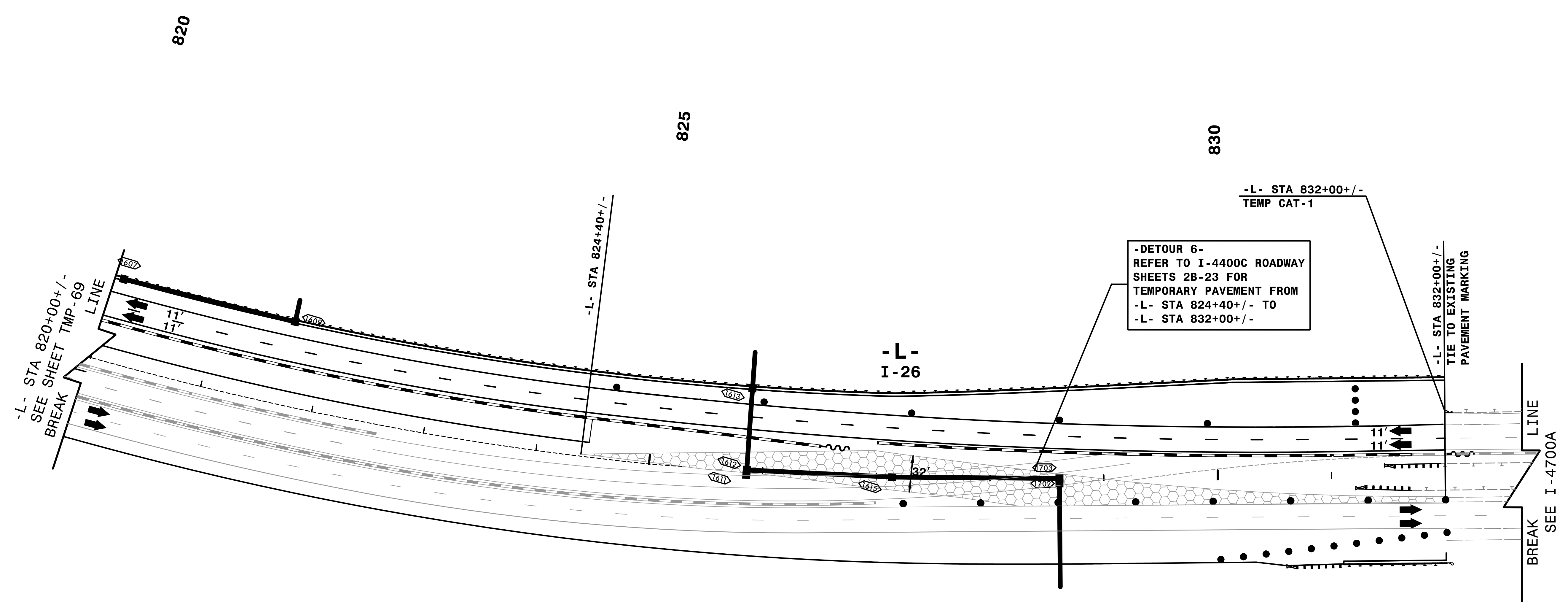
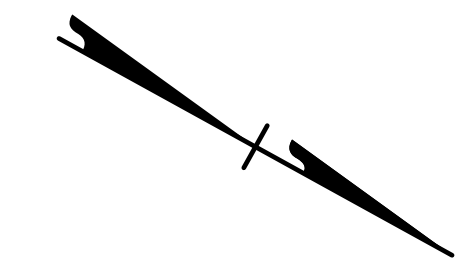
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TRANSPORTATION MANAGEMENT PLAN

PHASE IIC DETAIL

SEE TMP-74 THRU TMP-89 FOR EB -L- MARKING



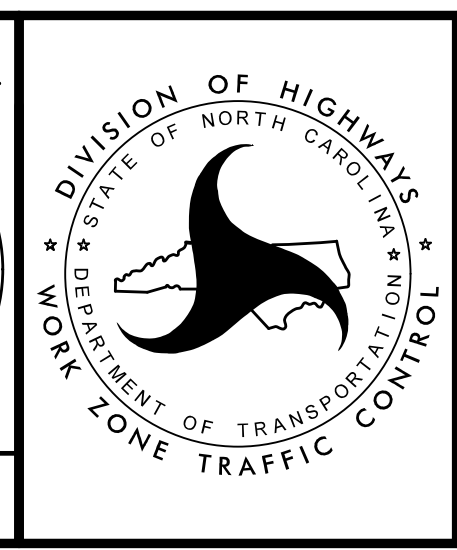
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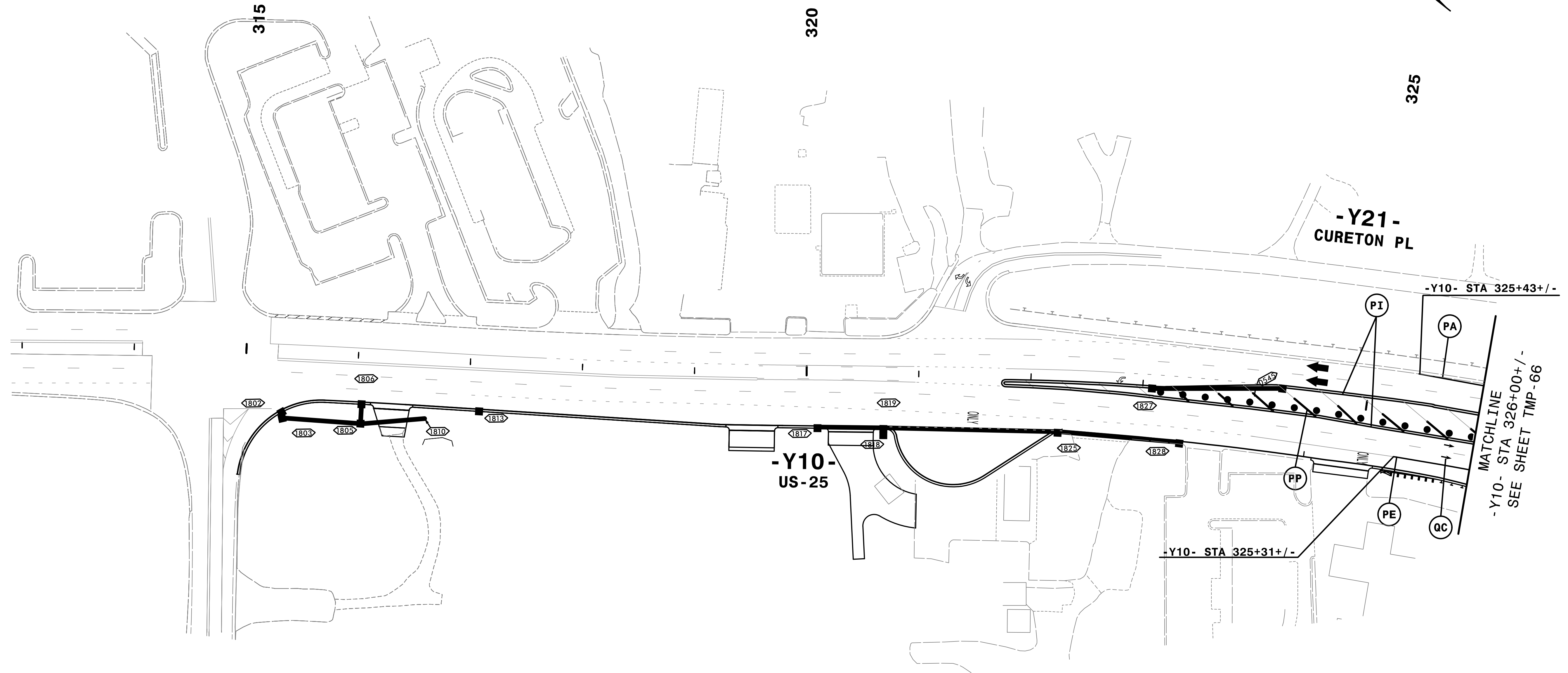
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE IIC
 DETAIL



-Y21-
CURETON PL

-Y10-
US-25

-Y10- STA 325+43+/-

-Y10- STA 325+31+/-

MATCHLINE
-Y10- STA 326+00+/-
SEE SHEET TMP-66

REMOVE CONFLICTING PAVEMENT MARKING.

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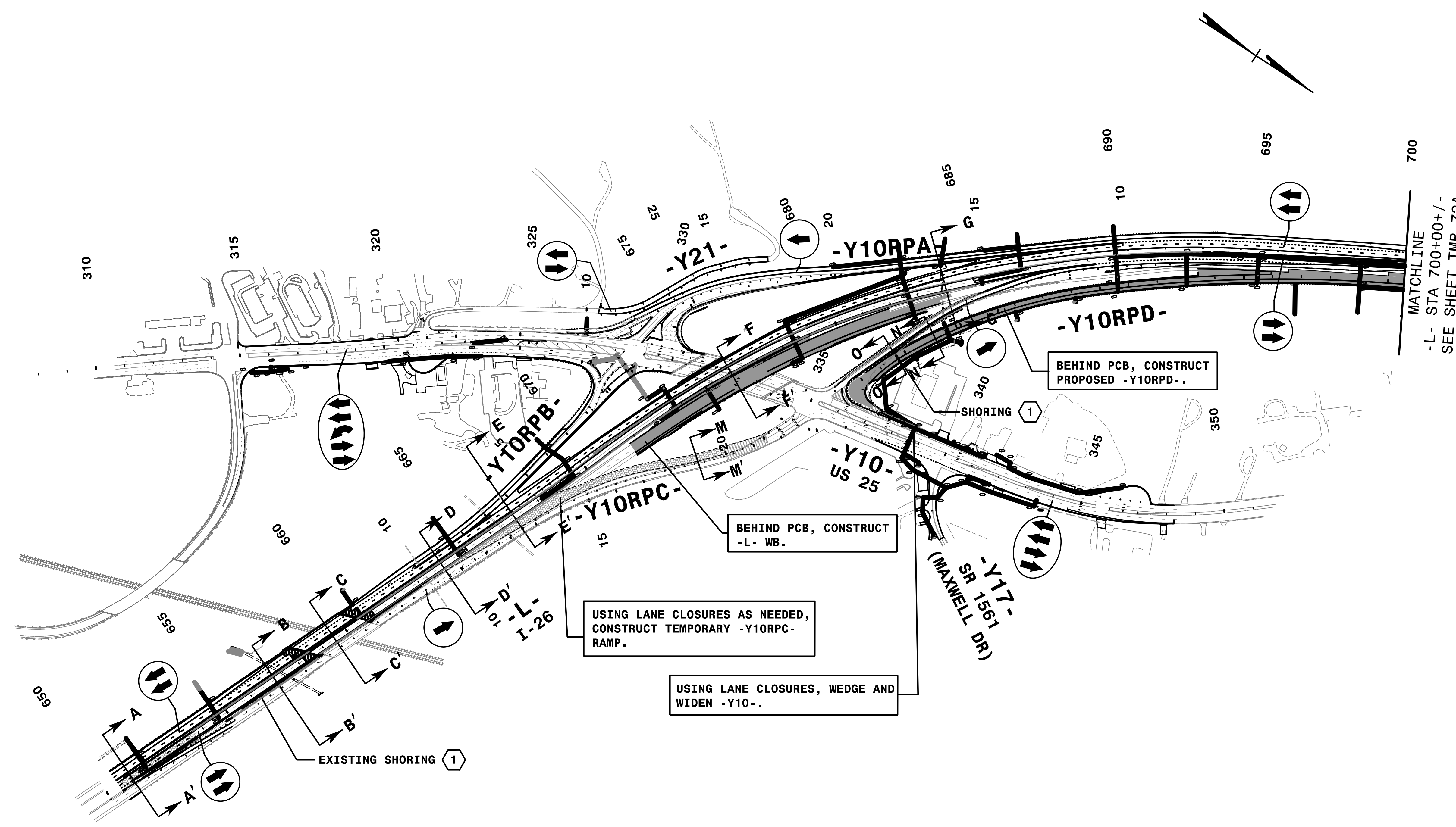
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SEAL
023521
ENGINEER
RHONDA B. EARLY

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TRANSPORTATION
MANAGEMENT PLAN

PHASE IIC
DETAIL



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 9/3/2019

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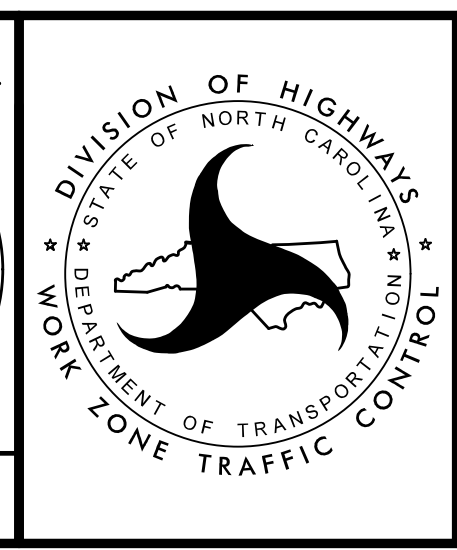
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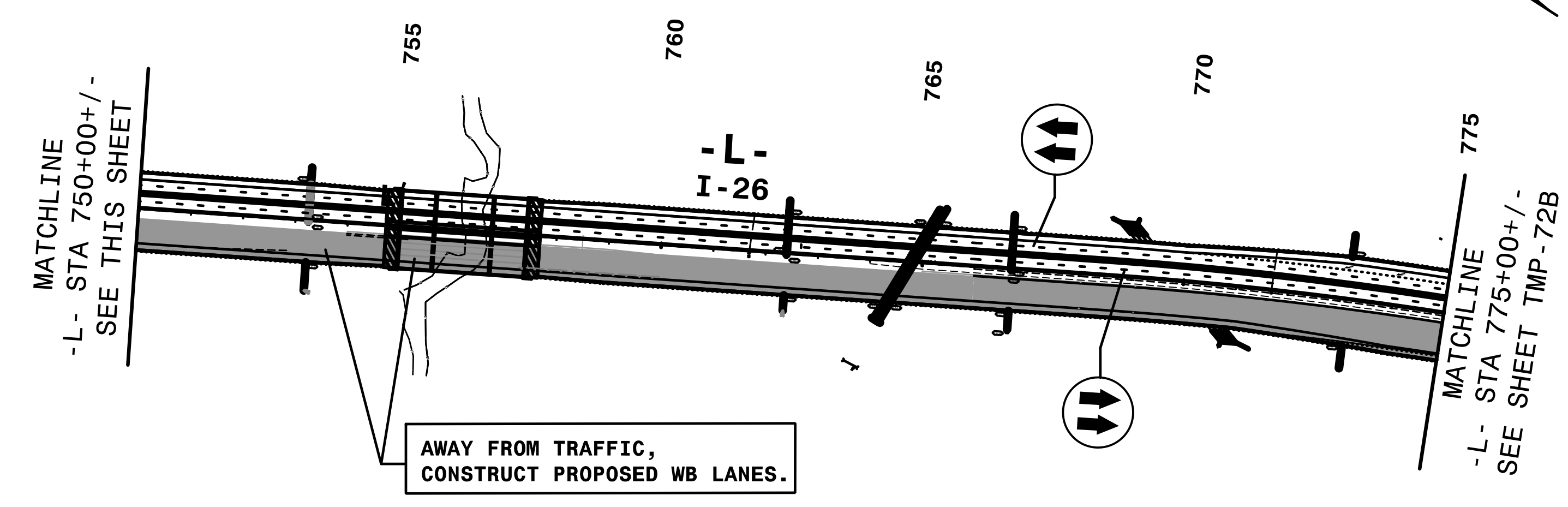
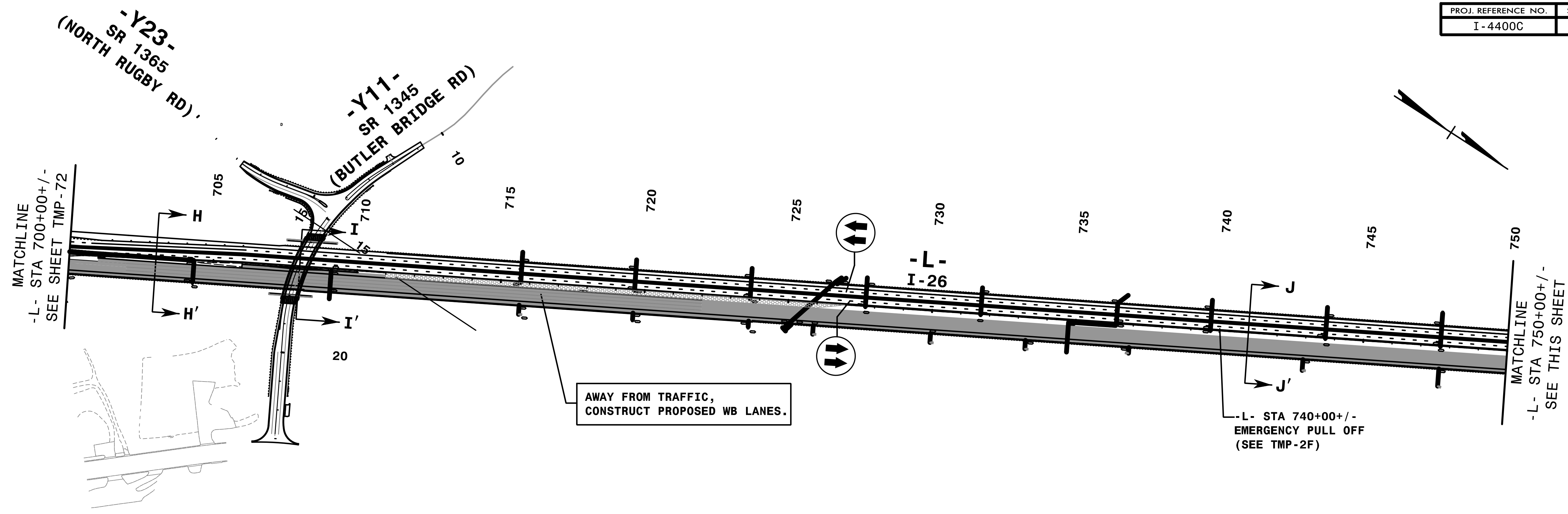
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TRANSPORTATION
 MANAGEMENT PLAN

**PHASE III
 OVERVIEW**



REFER TO SHEETS TMP-71 THRU TMP-73A FOR CUT SECTION(S).

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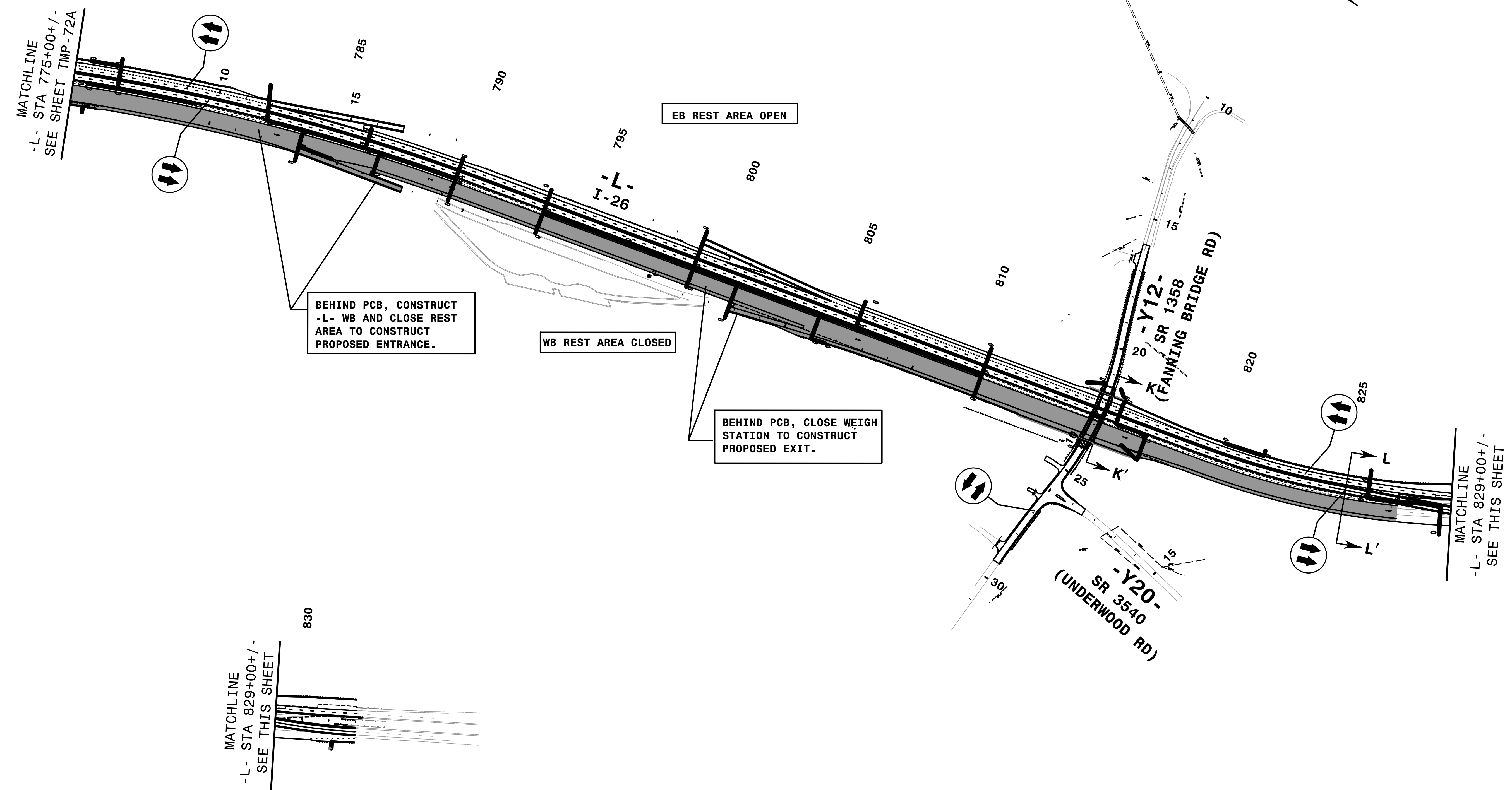
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE III
 OVERVIEW

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 9/3/2019



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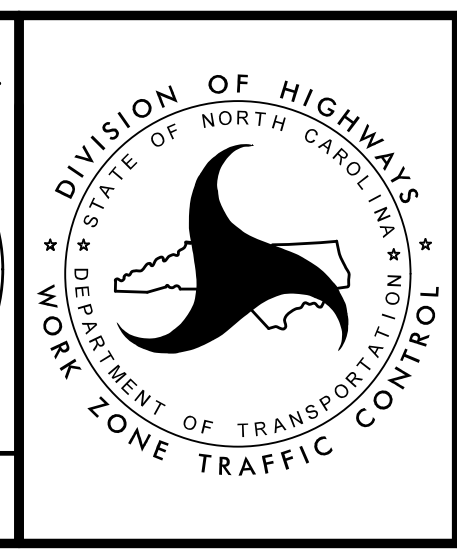
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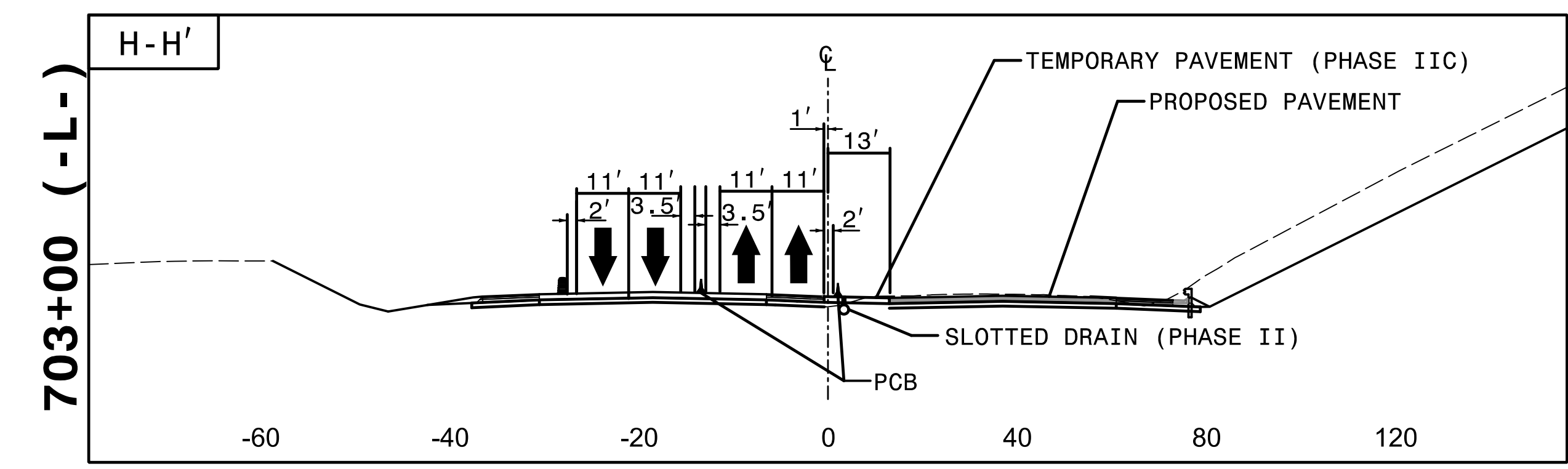
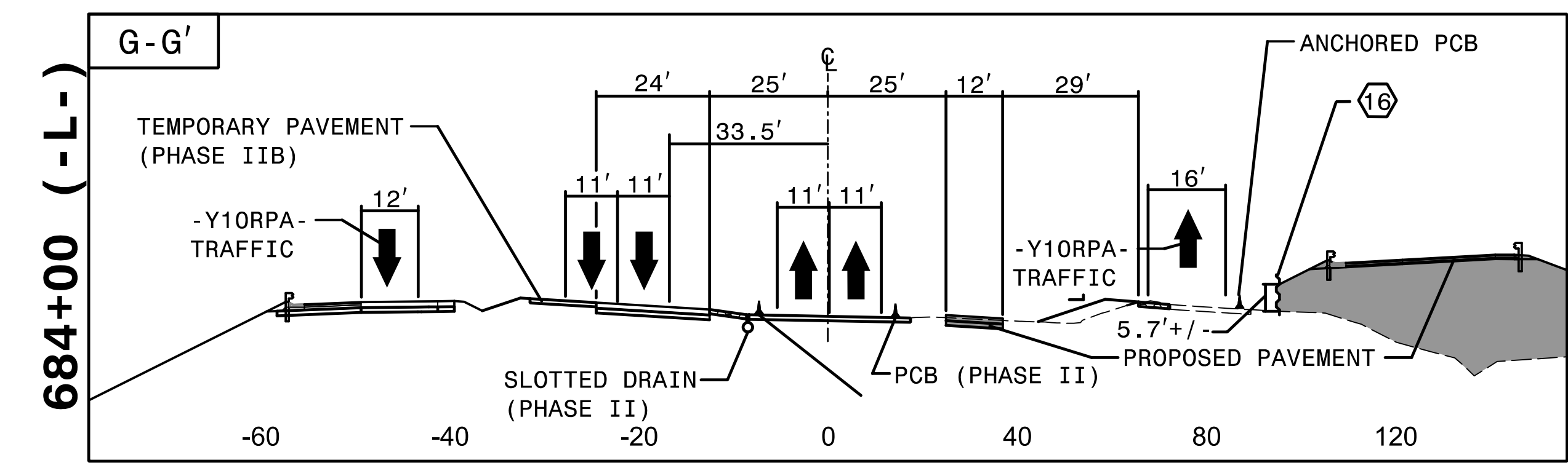
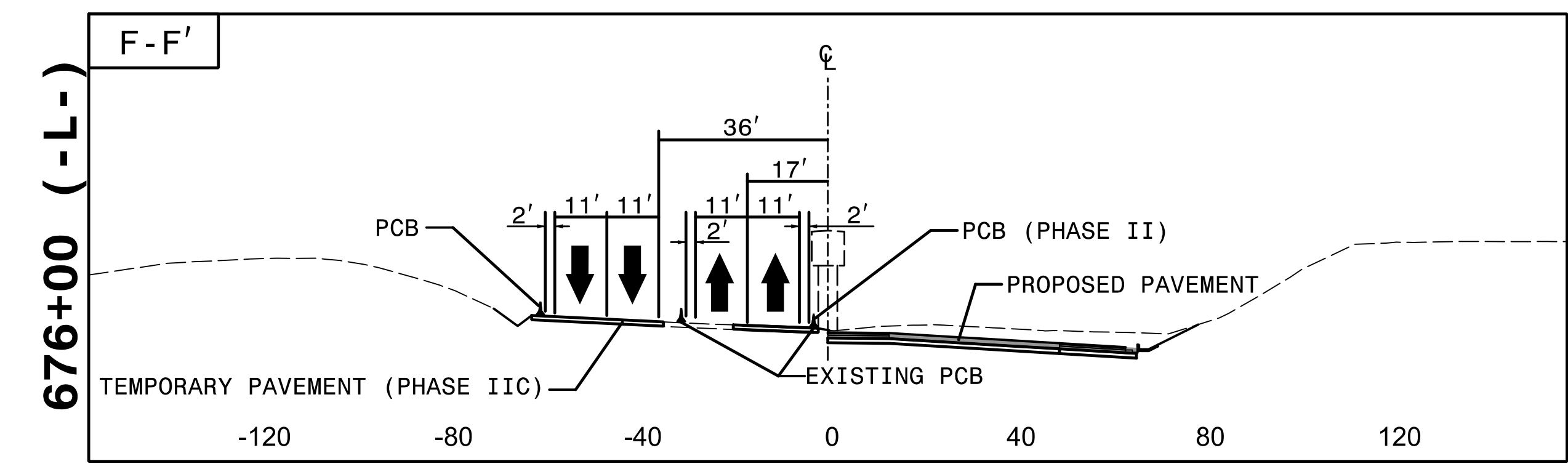
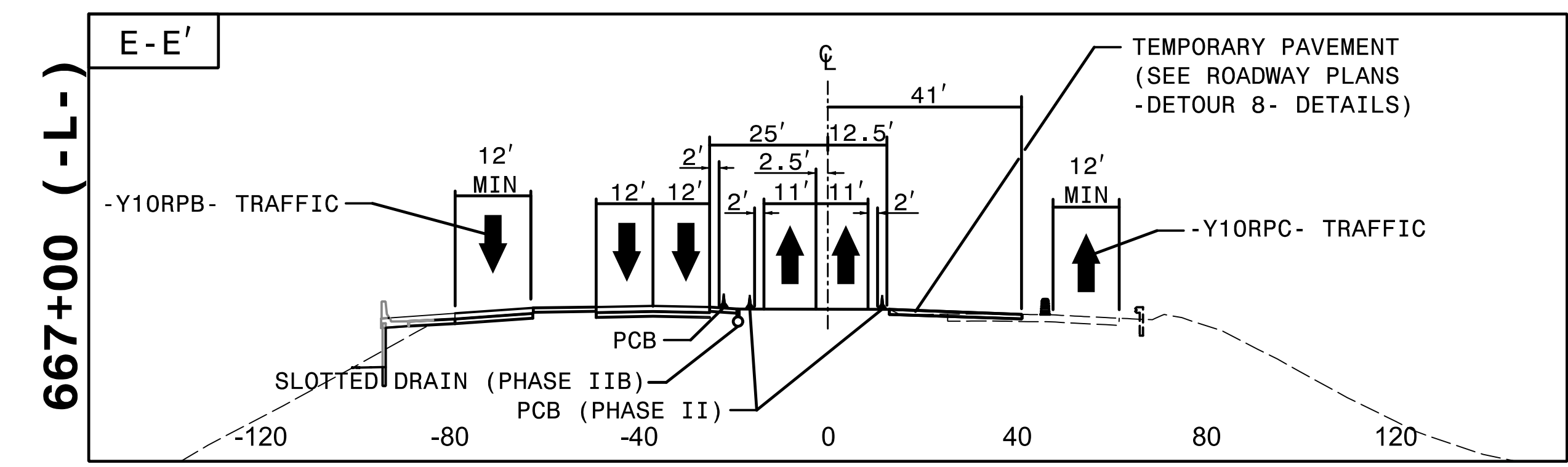
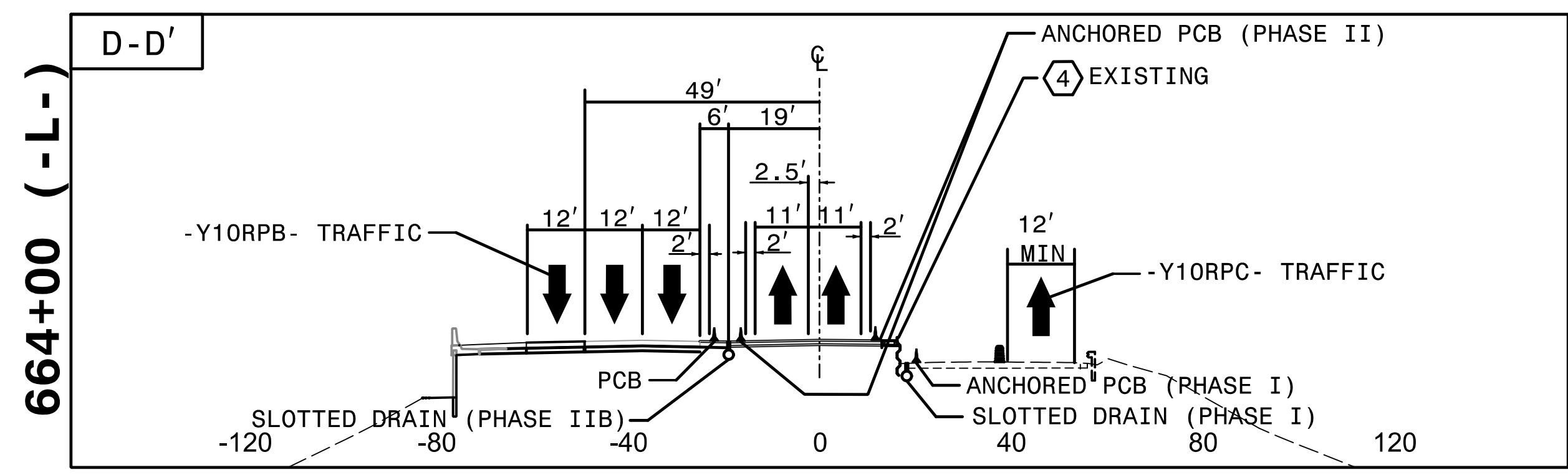
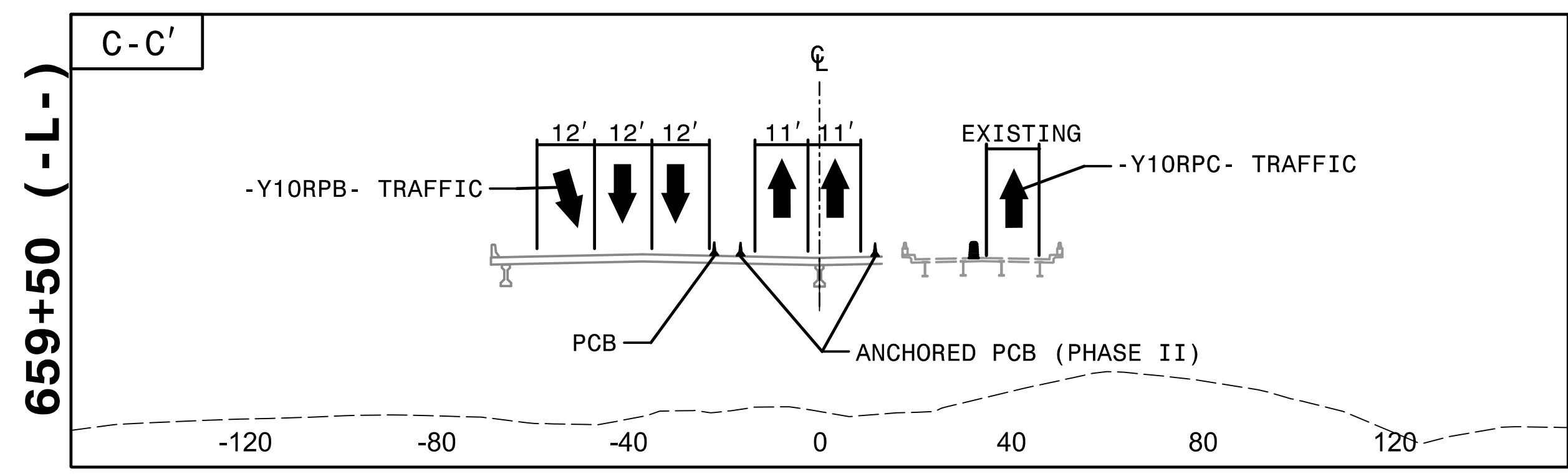
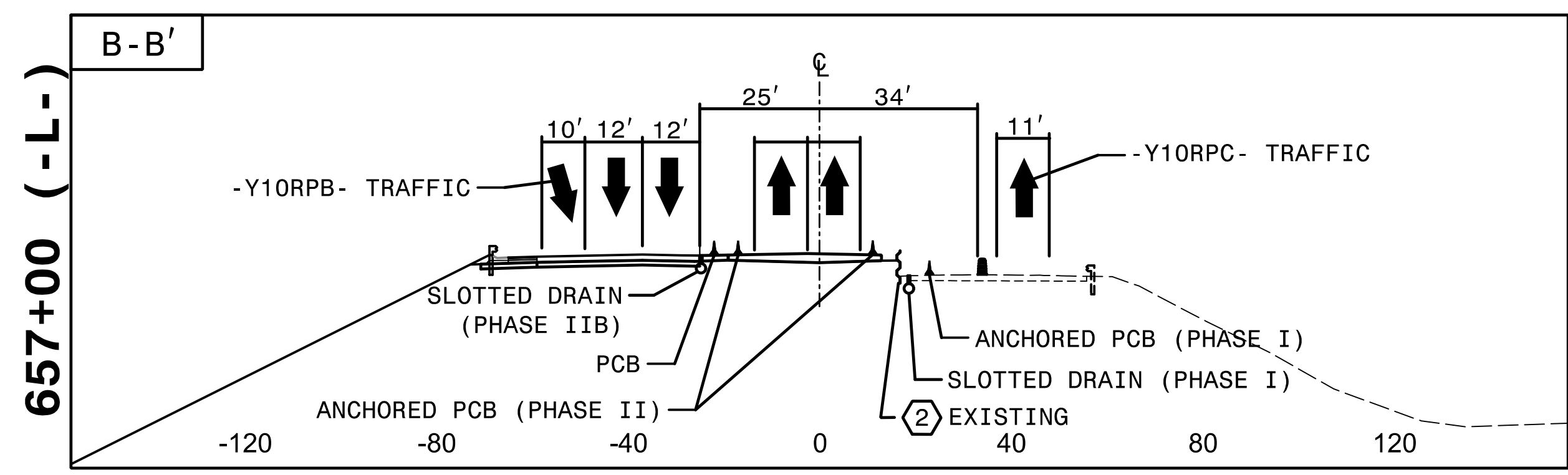
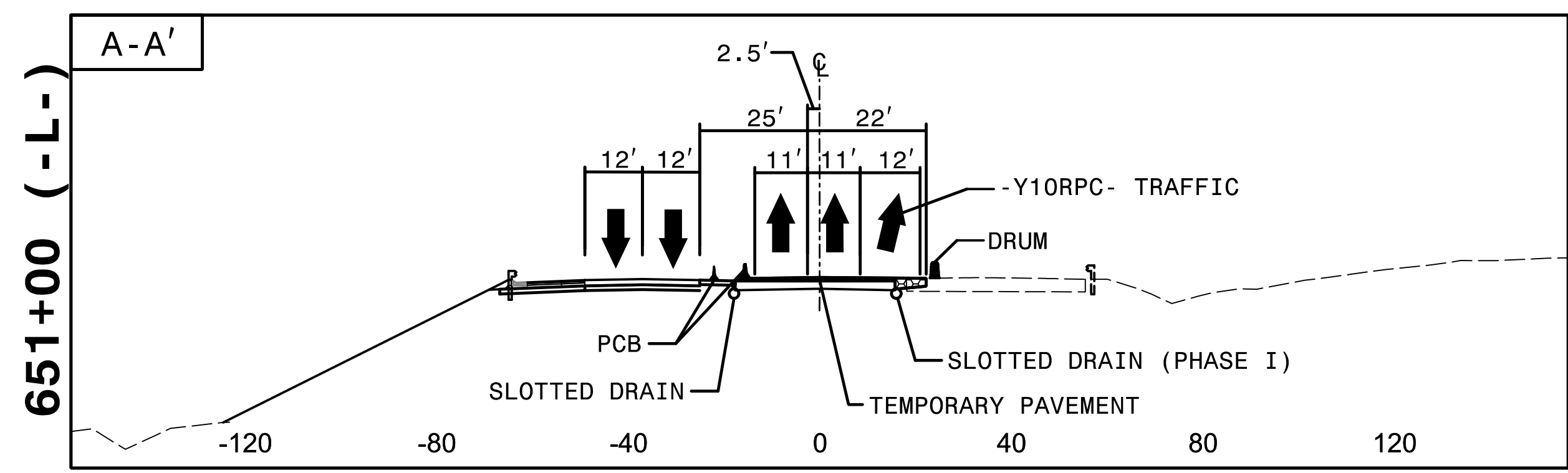
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE III
 OVERVIEW

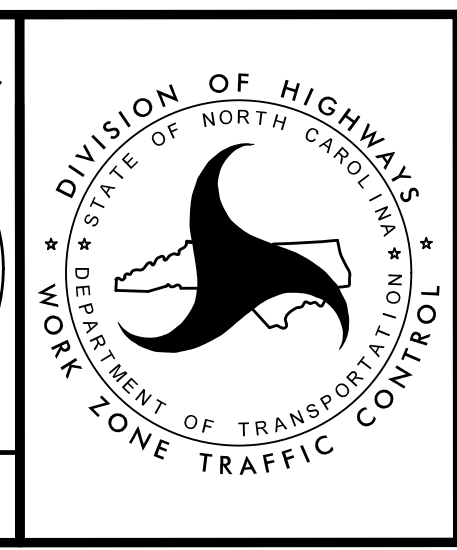


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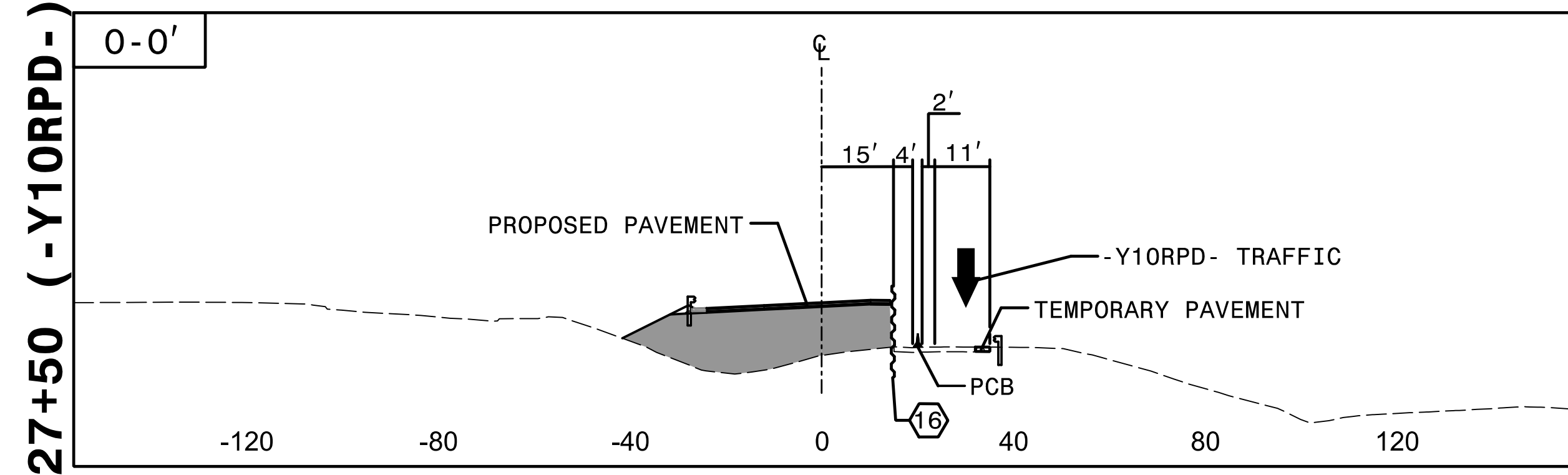
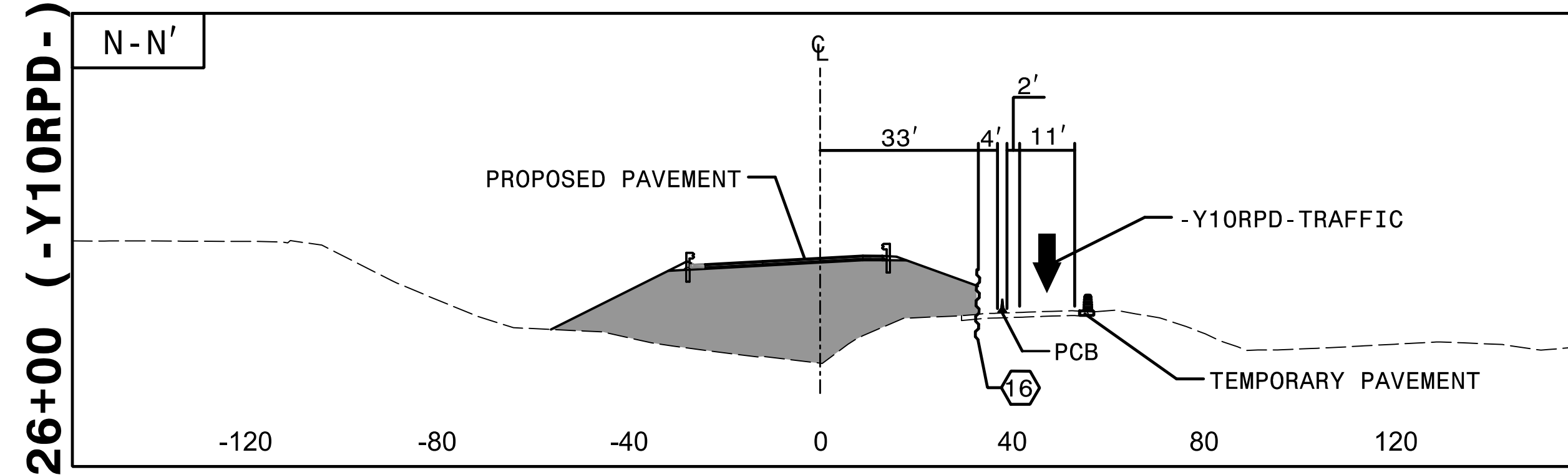
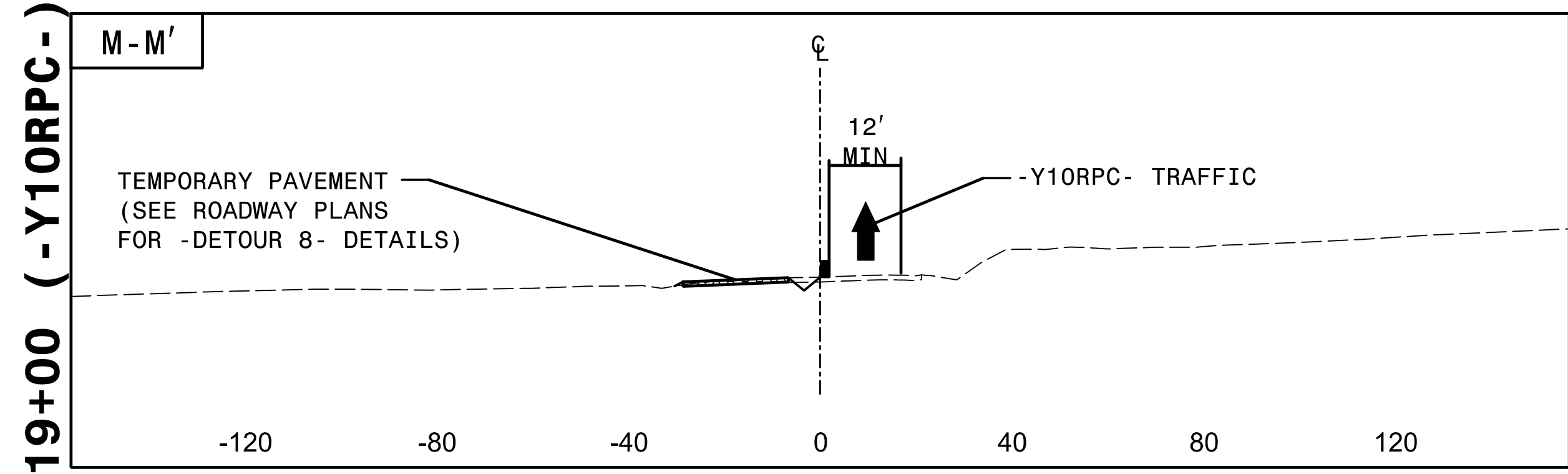
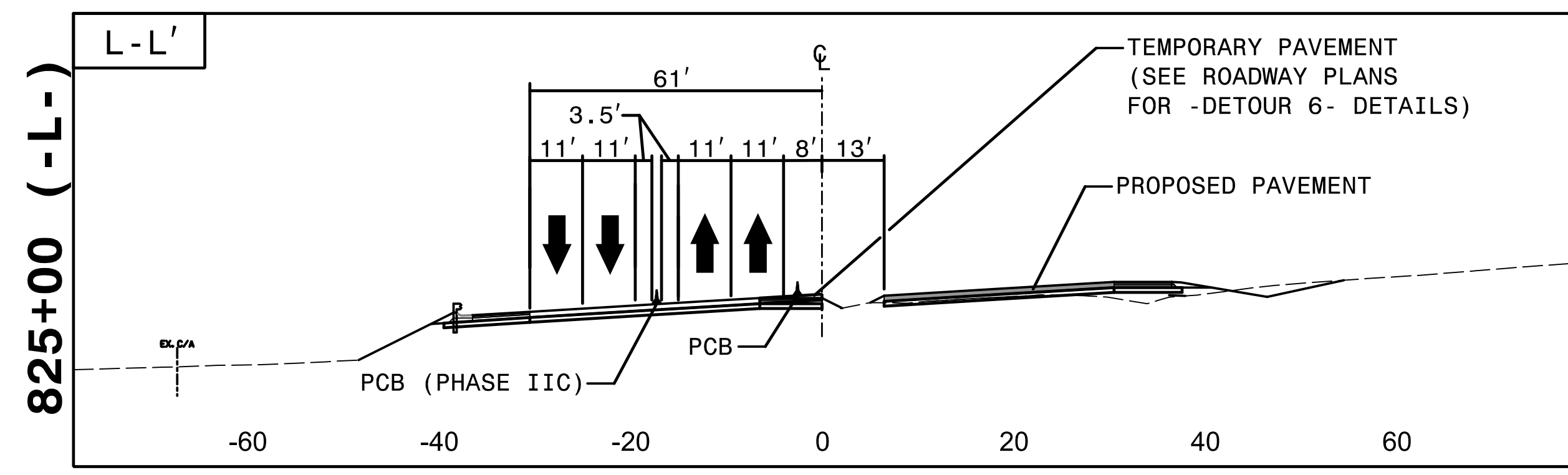
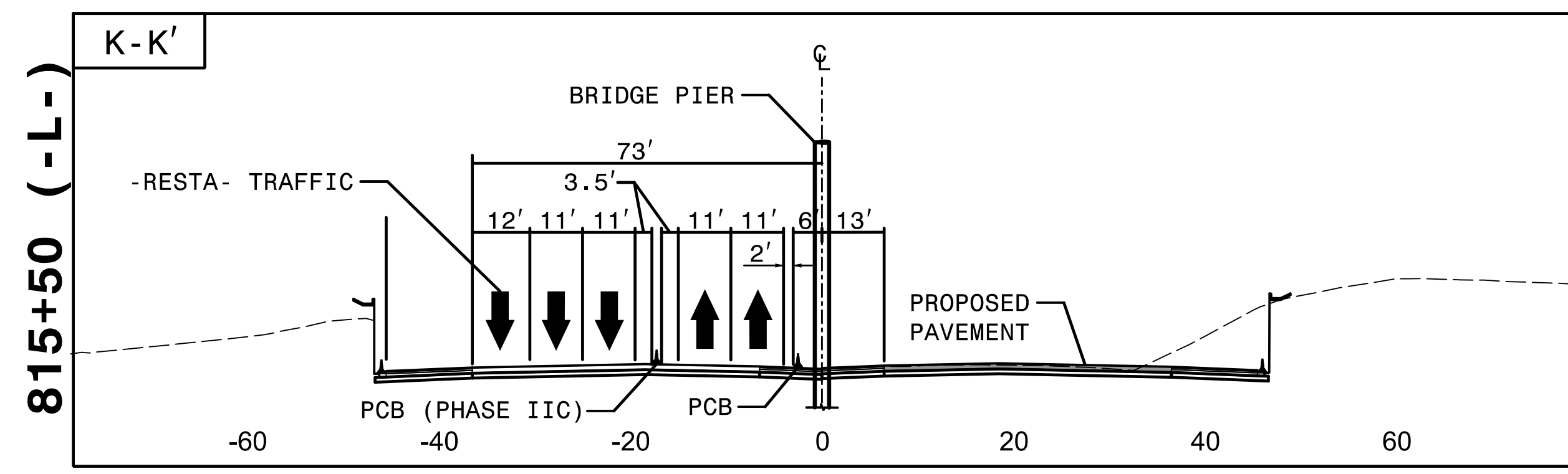
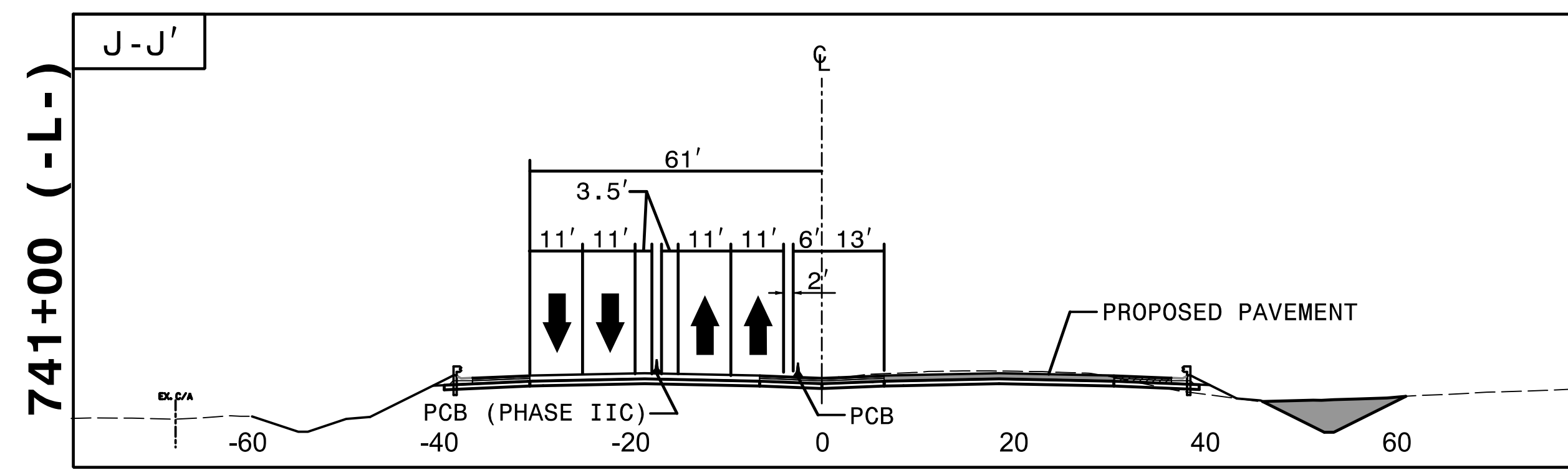
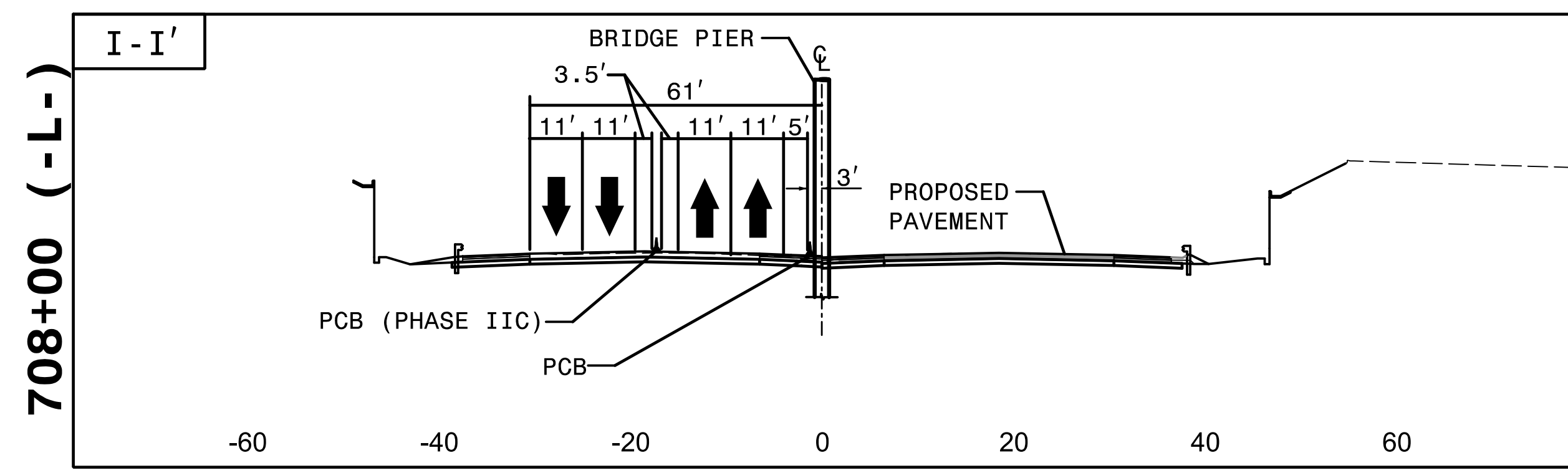
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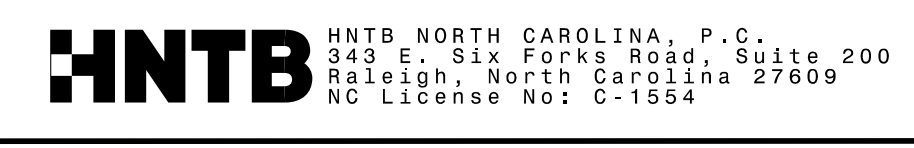


TRANSPORTATION
MANAGEMENT PLAN

PHASE III
CUT SECTIONS



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9/3/2019



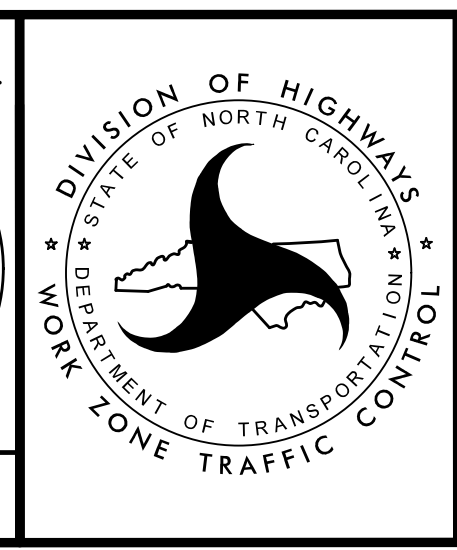
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NC License No: C-1554

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Rhonda B. Early
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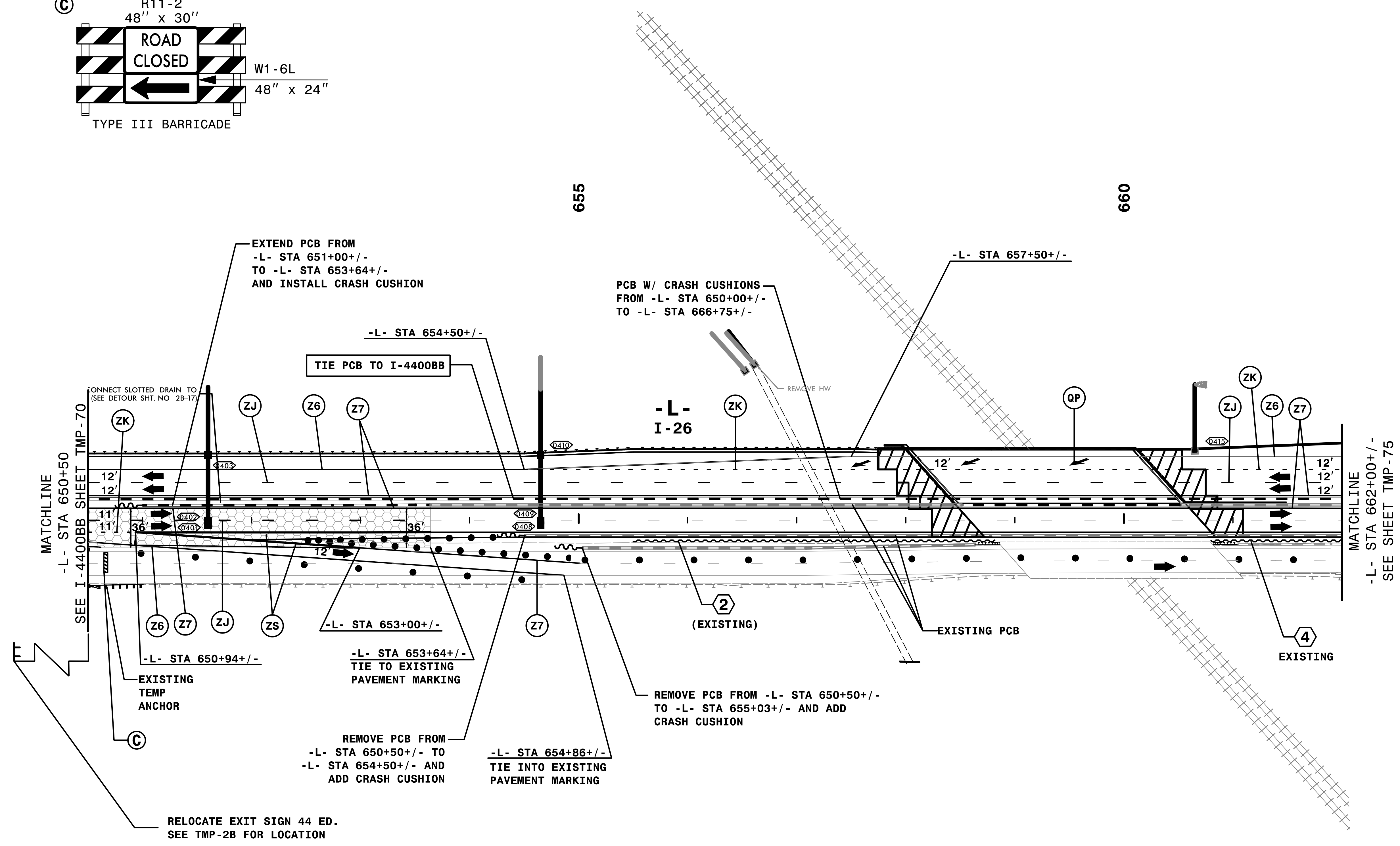
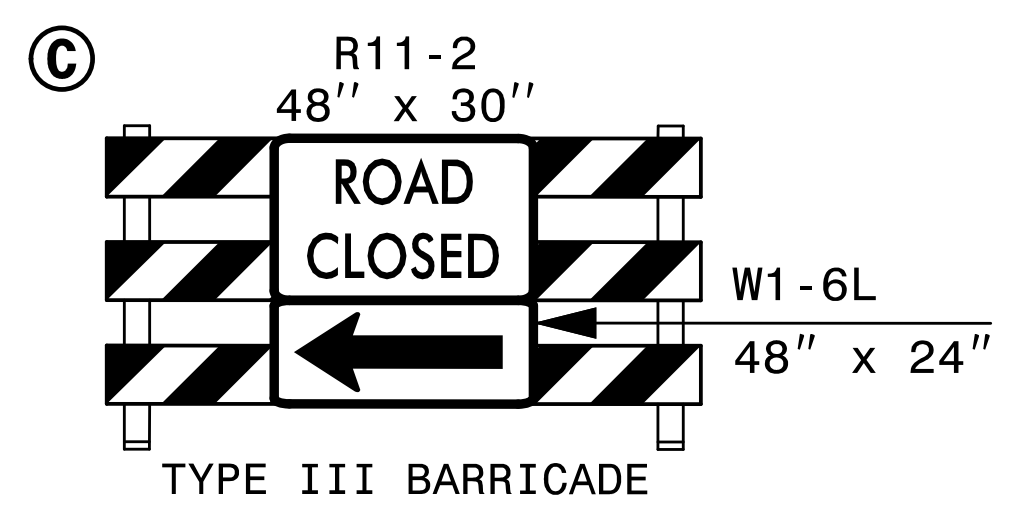
PROFESSIONAL ENGINEER
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RHONDA B. EARLY

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TRANSPORTATION
MANAGEMENT PLAN

PHASE III
CUT SECTIONS



REMOVE CONFLICTING PAVEMENT MARKING.

3:35:39 PM
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 NC License No: C-1554

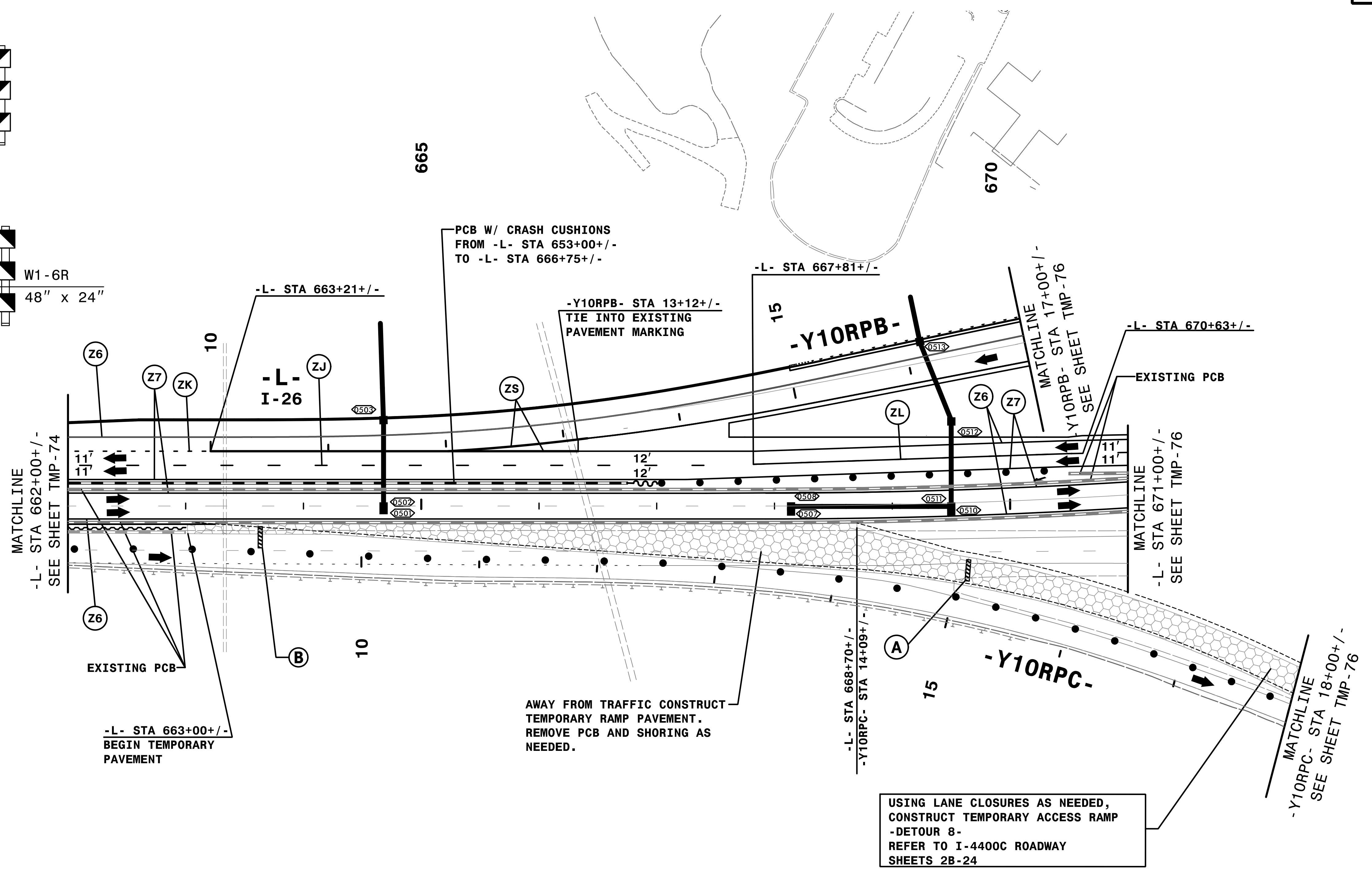
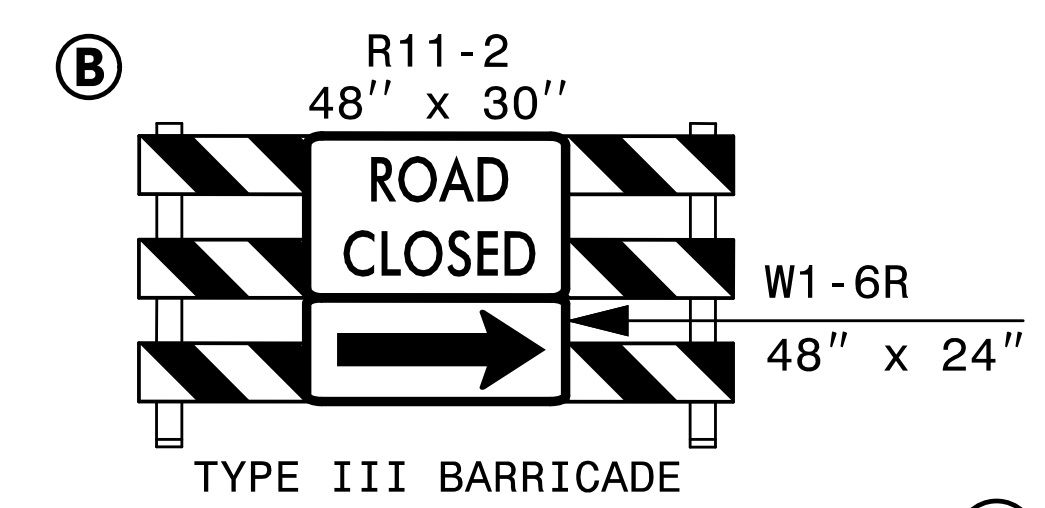
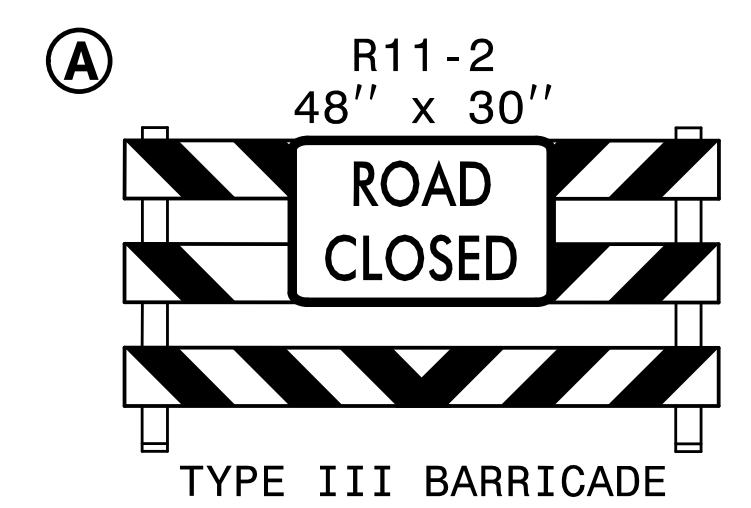
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE III
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REMOVE CONFLICTING PAVEMENT MARKING.

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9/3/2019

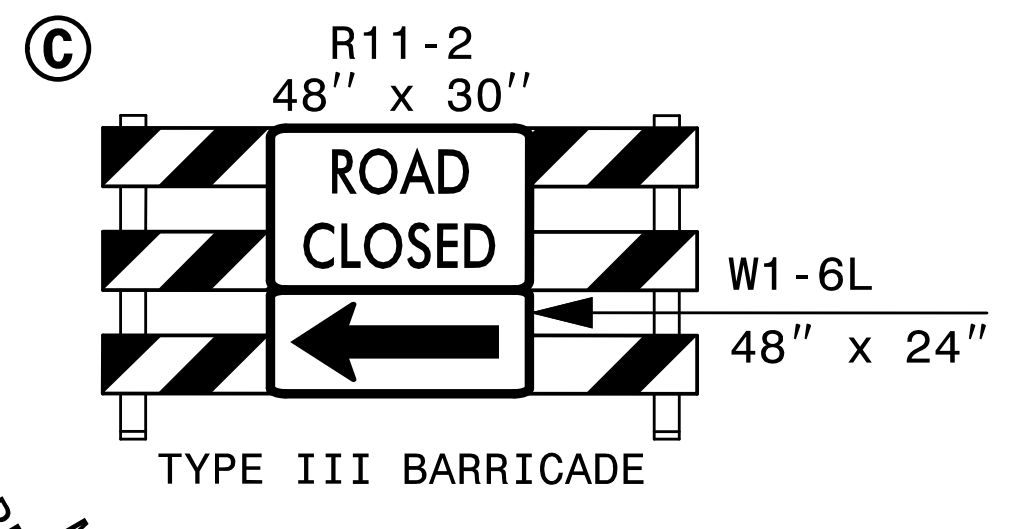
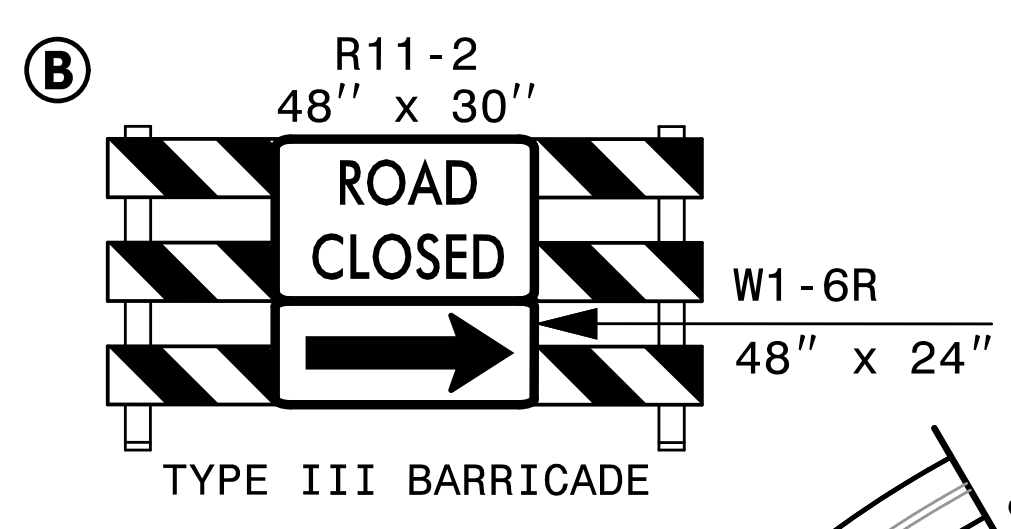
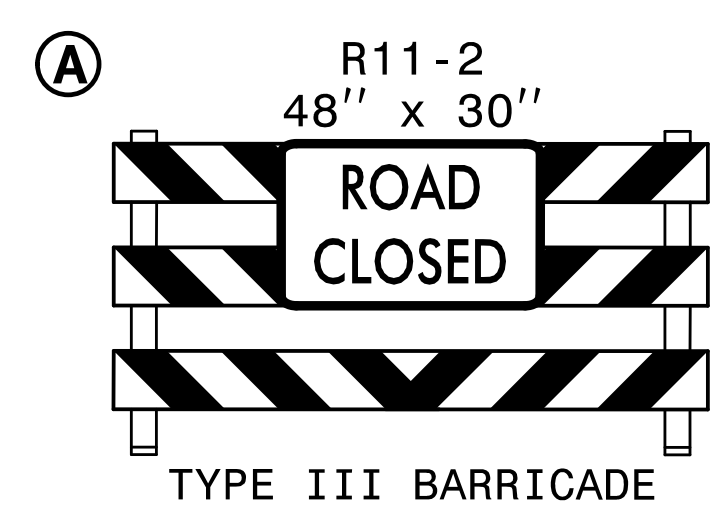
PROFESSIONAL ENGINEER SEAL
NORTH CAROLINA
023521
RHONDA B. EARLY

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TRANSPORTATION
MANAGEMENT PLAN

PHASE III
DETAIL



BEHIND PCB, CONSTRUCT PROPOSED -Y10RPD- RAMP FROM -Y10RPD- STA 10+00+/- TO -Y10RPD- STA 29+17+/-.

PCB W/ CRASH CUSHIONS FROM -Y10RPD- STA 24+75+/- TO -Y10RPD- STA 28+76+/-.

USING DRUMS TO NARROW LANE, CONSTRUCT TEMPORARY WIDENING -Y10RPD- STA 24+65+/- TO -Y10RPD- STA 29+54+/- . REMOVE AND RESET GUARDRAIL.

-Y10RPD SPUR LT- STA 10+00+/- = -Y10RPD- STA 28+92+/-

-Y10RPD SPUR LT- STA 10+28+/-

-Y10RPD SPUR LT- STA 10+34+/- 2.5' WIDENING

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

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-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

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-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

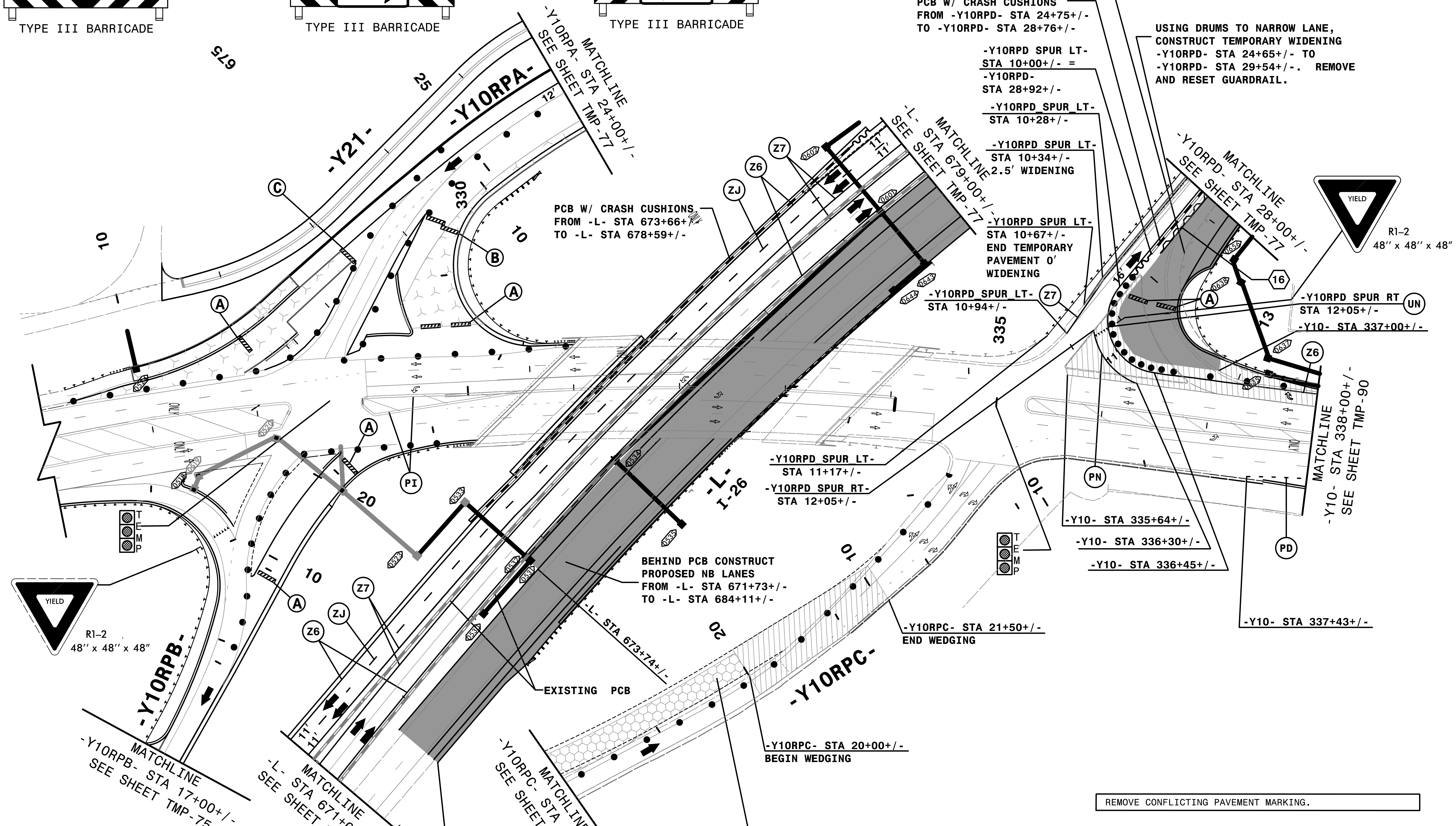
-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

-Y10RPD SPUR LT- STA 10+94+/-

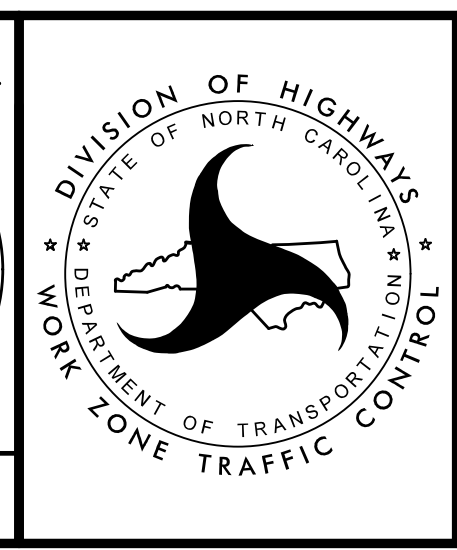


16 EST QUANTITY = 2525 SF
TEMPORARY SHORING
FROM -Y10RPD- STA 24+75+/-, 45' RT
TO -Y10RPD- STA 26+00+/-, 33.5' RT
TO -Y10RPD- STA 27+00+/-, 18.6' RT
TO -Y10RPD- STA 28+70+/-, 9.7' RT
(SEE SHEET TMP-2A.2 FOR TEMPORARY SHORING NOTES)

USING LANE CLOSURES AS NEEDED, CONSTRUCT TEMPORARY ACCESS RAMP -DETOUR 8- REFER TO I-4400C ROADWAY SHEETS 2B-24

REMOVE CONFLICTING PAVEMENT MARKING.

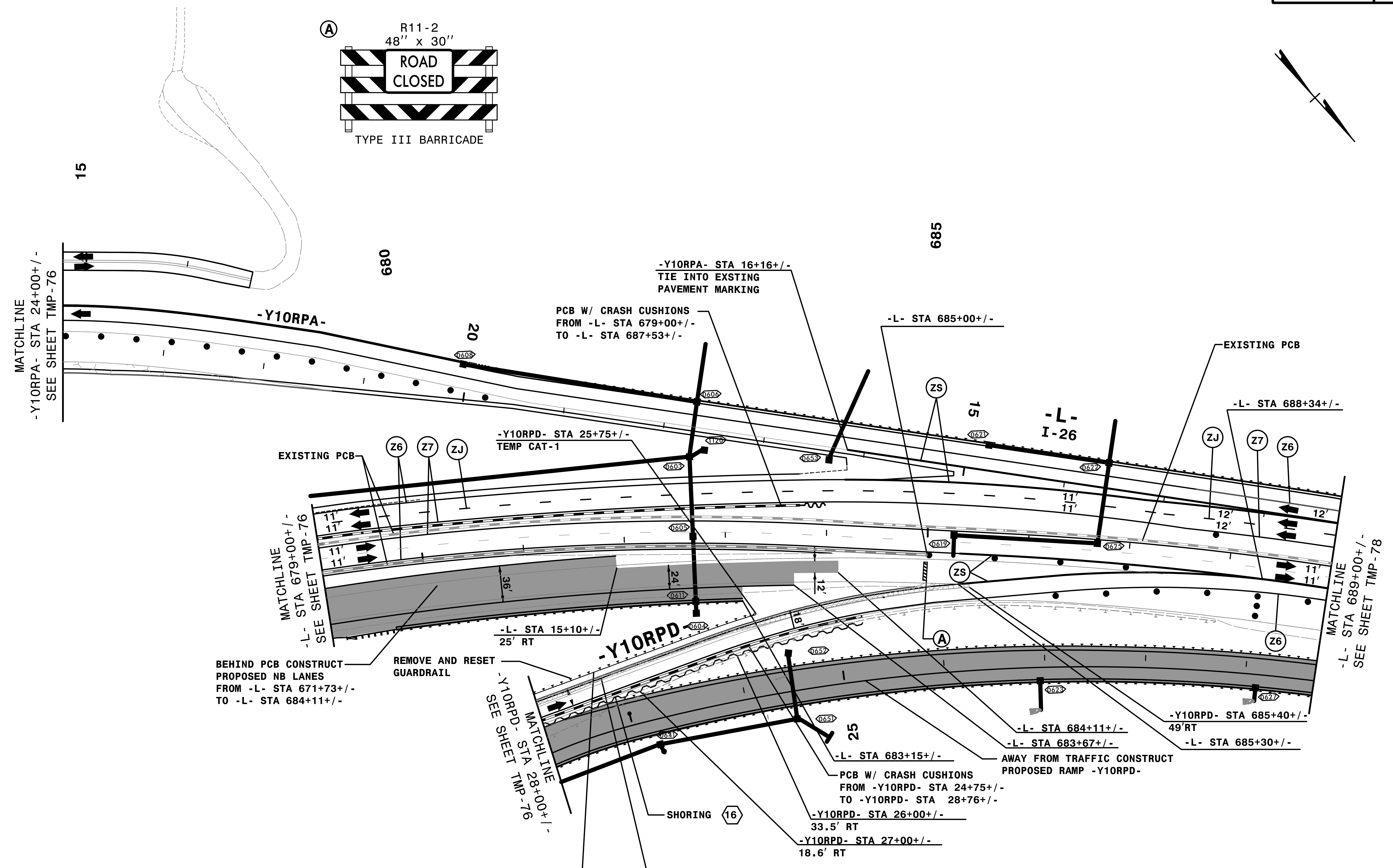
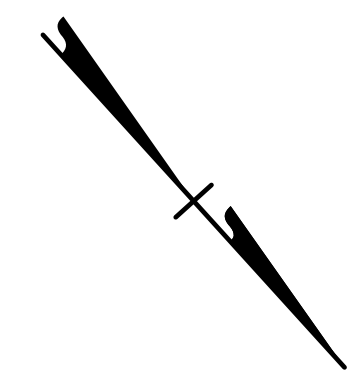
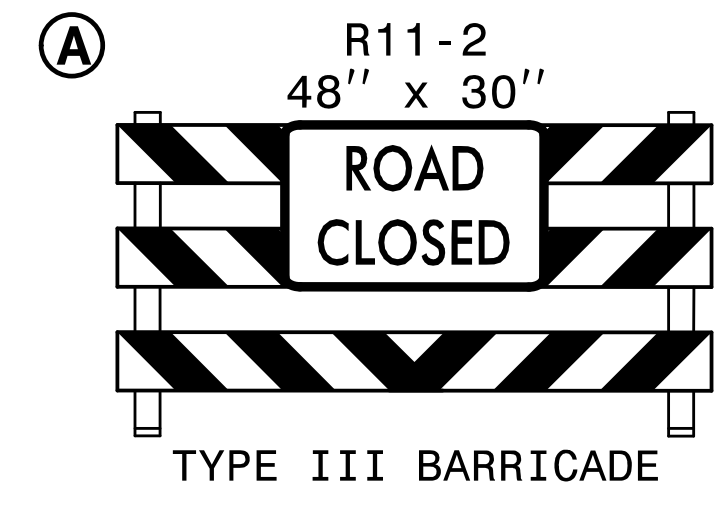
APPROVED: Rhonda B. Early
DATE: 9/3/2019
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 023521
RHONDA B. EARLY
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TRANSPORTATION MANAGEMENT PLAN
PHASE III
DETAIL

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

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9/3/2019



SHORING (16) EST QUANTITY = 2525 SF

TEMPORARY SHORING
FROM -Y10RPA- STA 24+75+/-, 45' RT
TO -Y10RPD- STA 26+00+/-, 33.5' RT
TO -Y10RPD- STA 27+00+/-, 18.6' RT
TO -Y10RPD- STA 28+70+/-, 9.7' RT

(SEE SHEET TMP-2A.2 FOR
TEMPORARY SHORING NOTES)

-Y10RPD- STA 27+38+/-
BEGIN TEMPORARY GUARDRAIL

-Y10RPD-
TEMPORARY PAVEMENT
FROM -L- STA 385+40+/-
TO -Y10RPD- STA 28+76+/-

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

DocuSigned by:
Rhonda B. Early
APPROVED: Rhonda B. Early
FMC#FAS08F48A
DATE: 9/3/2019

PROFESSIONAL
ENGINEER
R. B. EARLY
SEAL
023521
NORTH CAROLINA

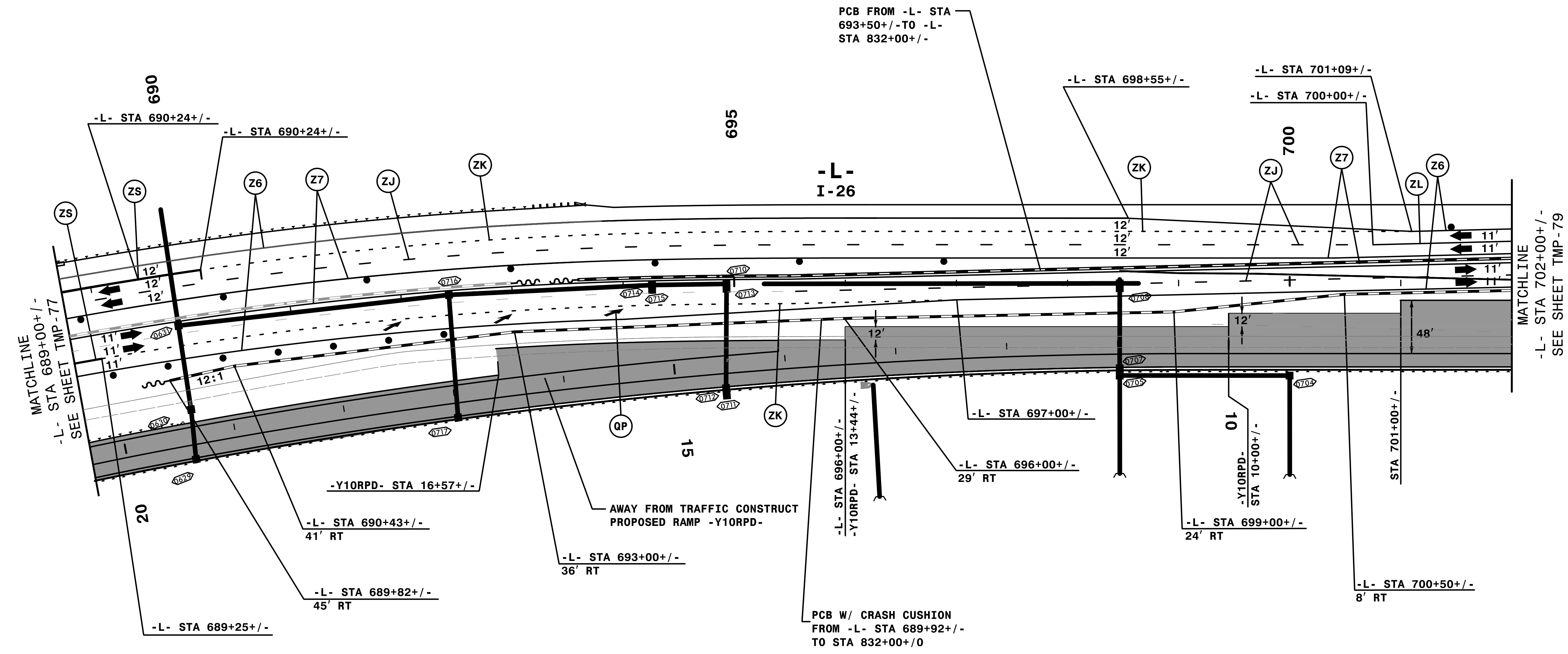
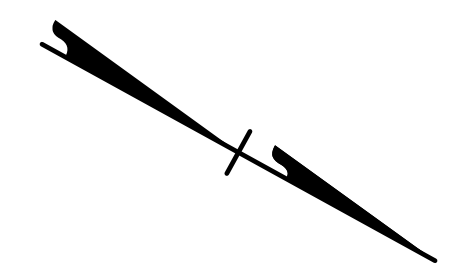
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TRANSPORTATION
MANAGEMENT PLAN

PHASE III
DETAIL

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9/3/2019



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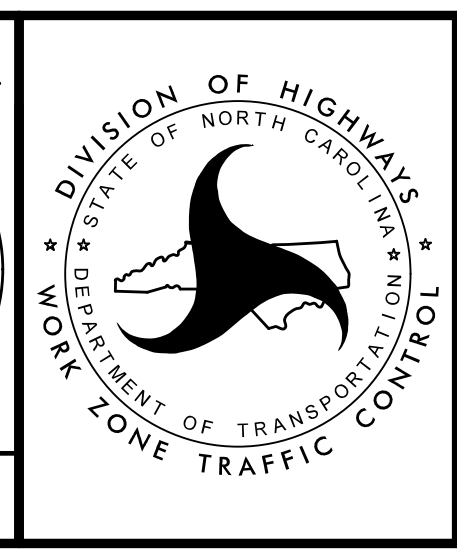
REMOVE CONFLICTING PAVEMENT MARKING.

HNTB
 HNTB NORTH CAROLINA, P.C.
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 Raleigh, North Carolina 27609
 NC License No: C-1554

APPROVED: *Rhonda B. Early*
 DATE: 9/3/2019

DocuSigned by:
 Rhonda B. Early
 F5MC4FSA08BF48A

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 NORTH CAROLINA
 SEAL
 023521
 RHONDA B. EARLY



TRANSPORTATION
 MANAGEMENT PLAN

PHASE III
 DETAIL