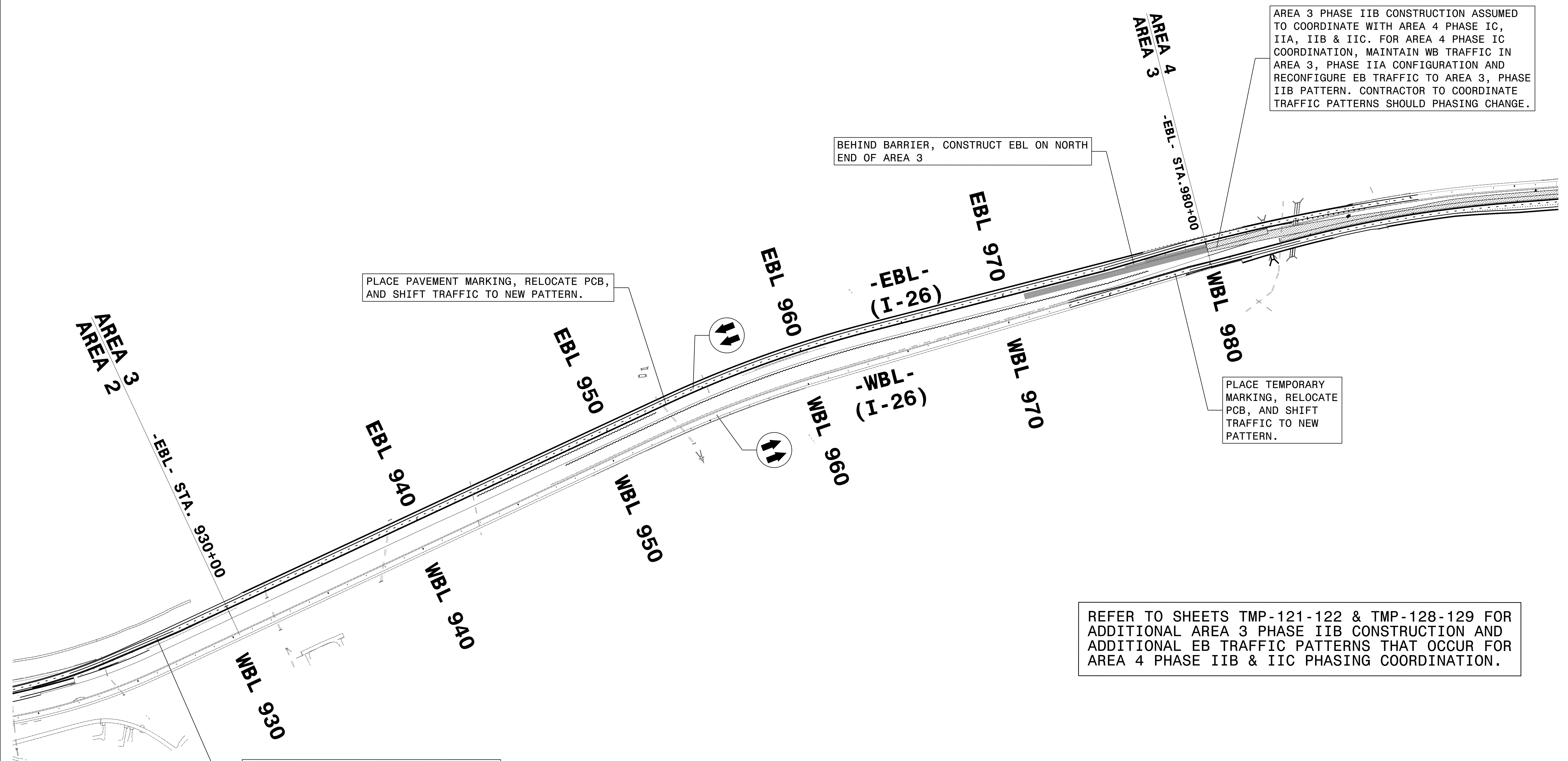
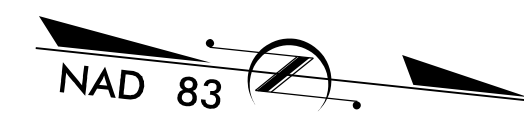


**This electronic collection of documents is provided  
for the convenience of the user  
and is Not a Certified Document –**

**The documents contained herein were originally issued  
and sealed by the individuals whose names and license  
numbers appear on each page, on the dates appearing  
with their signature on that page.**

**This file or an individual page  
shall not be considered a certified document.**



AREA 3 PHASE IIB CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 4 PHASE IC, IIA, IIB & IIC. FOR AREA 4 PHASE IC COORDINATION, MAINTAIN WB TRAFFIC IN AREA 3, PHASE IIA CONFIGURATION AND RECONFIGURE EB TRAFFIC TO AREA 3, PHASE IIB PATTERN. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

BEHIND BARRIER, CONSTRUCT EBL ON NORTH END OF AREA 3

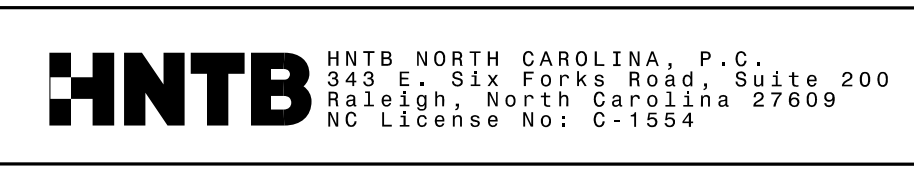
PLACE PAVEMENT MARKING, RELOCATE PCB, AND SHIFT TRAFFIC TO NEW PATTERN.

PLACE TEMPORARY MARKING, RELOCATE PCB, AND SHIFT TRAFFIC TO NEW PATTERN.

REFER TO SHEETS TMP-121-122 & TMP-128-129 FOR ADDITIONAL AREA 3 PHASE IIB CONSTRUCTION AND ADDITIONAL EB TRAFFIC PATTERNS THAT OCCUR FOR AREA 4 PHASE IIB & IIC PHASING COORDINATION.

AREA 3 PHASE IIB CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 2 PHASE III EB TRAFFIC. WAIT TO SHIFT AREA 2 WB TRAFFIC UNTIL AREA 3 PHASE III. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

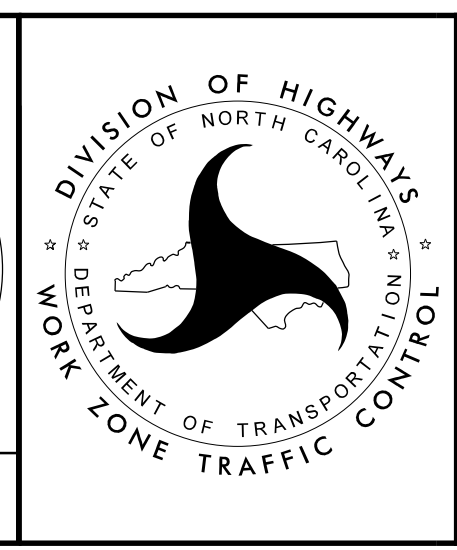
28-FEB-2019 13:41  
I:\700A\_Tc\_A382b\_0V.dgn  
HNTB



APPROVED: *Dezek Eugene Vap*  
DATE: 3/1/2019

SEAL

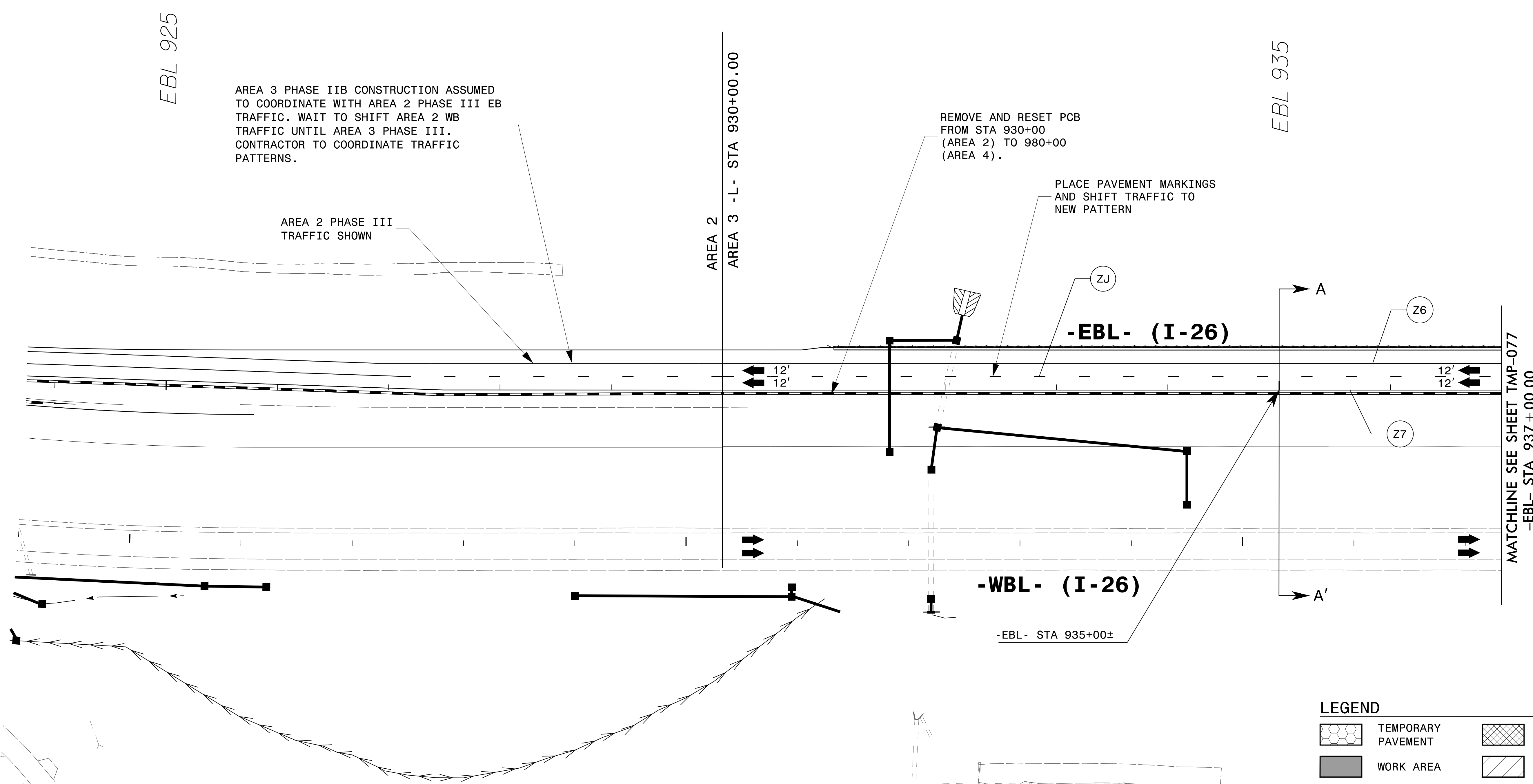
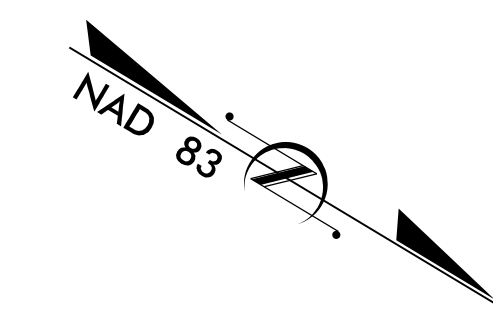
DocuSigned by:  
Dezek Eugene Vap  
C8279C85AE59468



TRANSPORTATION  
MANAGEMENT PLAN

AREA 3  
PHASE IIB  
OVERVIEW

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



AREA 3 PHASE IIB CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 2 PHASE III EB TRAFFIC. WAIT TO SHIFT AREA 2 WB TRAFFIC UNTIL AREA 3 PHASE III. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS.

AREA 2 PHASE III TRAFFIC SHOWN

REMOVE AND RESET PCB FROM STA 930+00 (AREA 2) TO 980+00 (AREA 4).

PLACE PAVEMENT MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN

**-EBL- (I-26)**

**-WBL- (I-26)**

-EBL- STA 935+00±

MATCHLINE SEE SHEET TMP-077  
-EBL- STA 937+00.00

**LEGEND**

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | TEMPORARY PAVEMENT   |  | REMOVAL       |
|  | WORK AREA            |  | WEDGE / WIDEN |
|  | ONGOING CONSTRUCTION |  |               |

25-APR-2019 19:34  
I4700.TC.A3P2BD1.dgn  
HNTB

REFER TO SHEETS TMP-093 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.

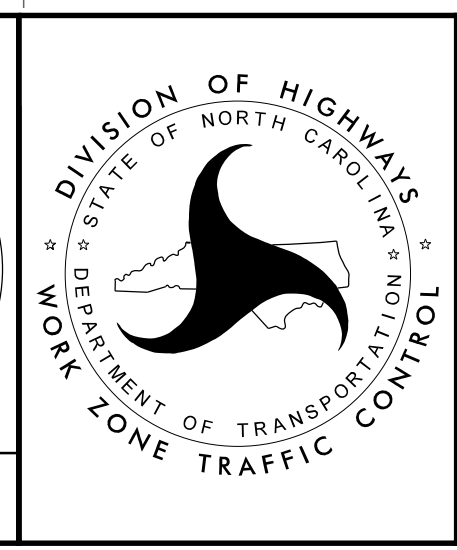
WBL 930



APPROVED: *Derek Eugene Vap*  
DATE: 4/25/2019

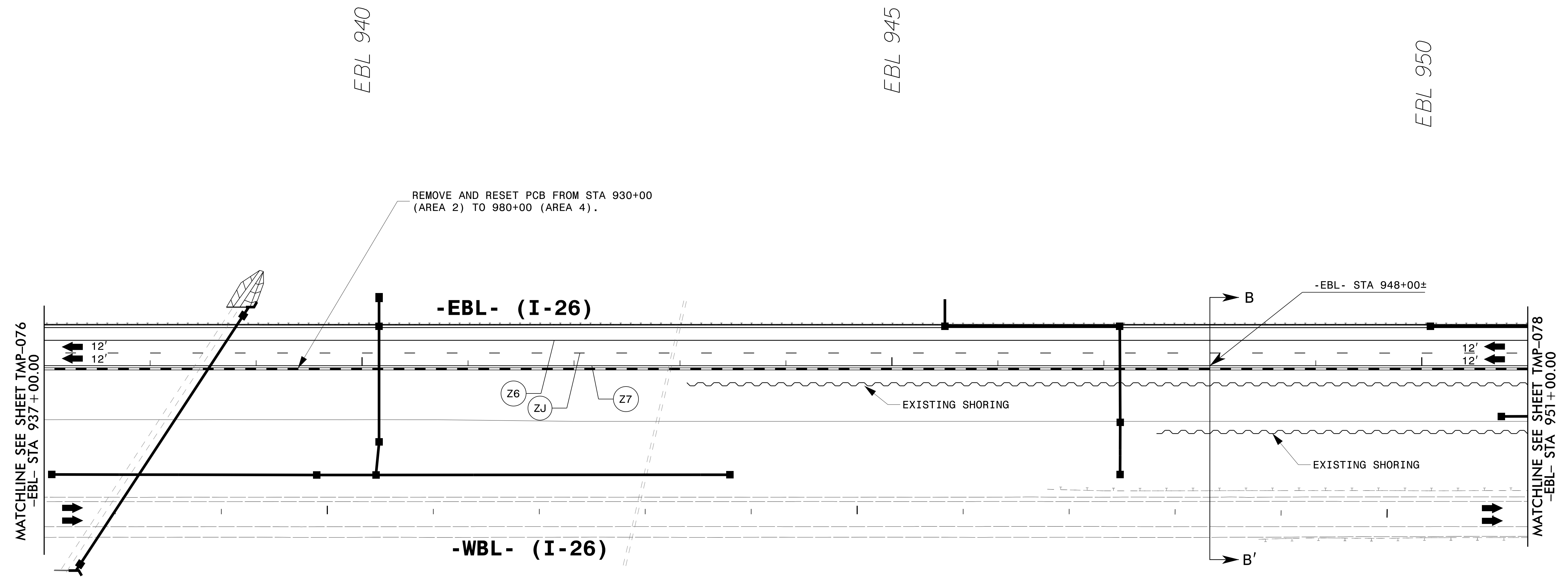
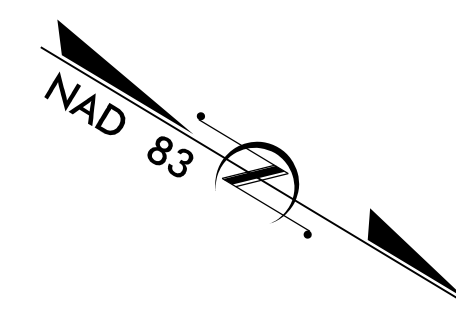
SEAL

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 3 PHASE IIB DETAIL 1**



**LEGEND**

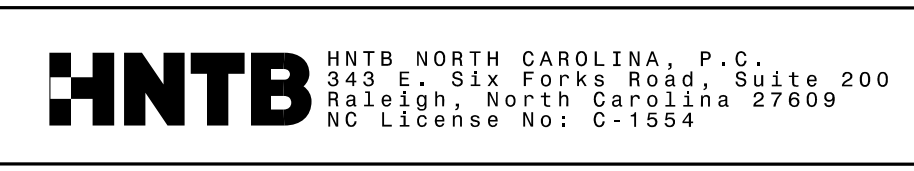
	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:42  
I4700A\_Tc\_A3P2bD2.dgn  
HNTB

REFER TO SHEETS TMP-093 FOR CUT SECTION(S).

REMOVE CONFLICTING PAVEMENT MARKING.

WBL 940



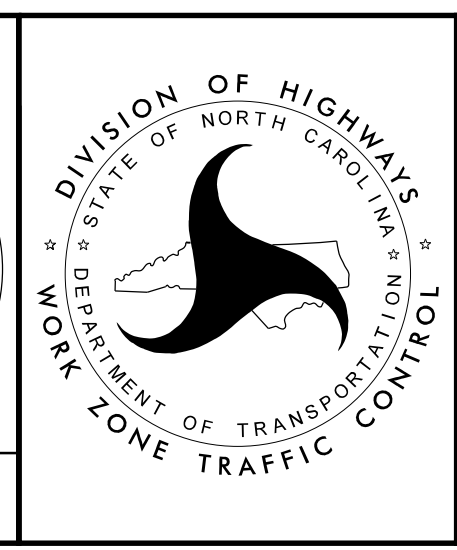
WBL 945

APPROVED:

DATE: 3/1/2019

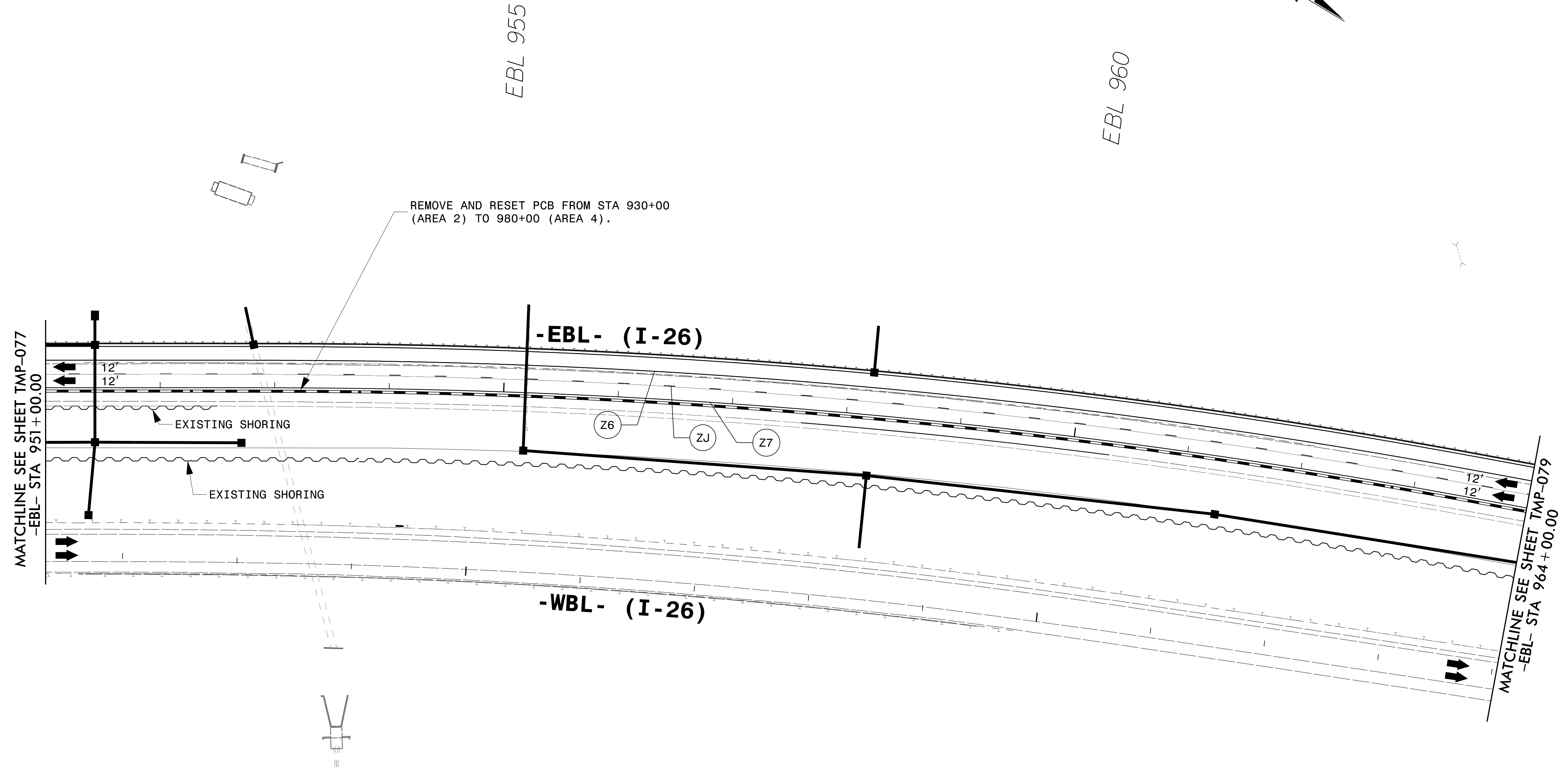
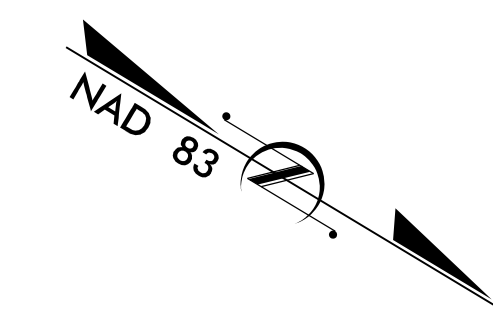
SEAL

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 3  
PHASE IIB  
DETAIL 2**

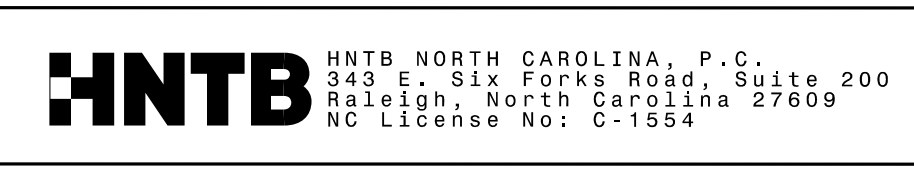


**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:42  
 I4700A\_Tc\_A3P2bD3.dgn  
 HNTB

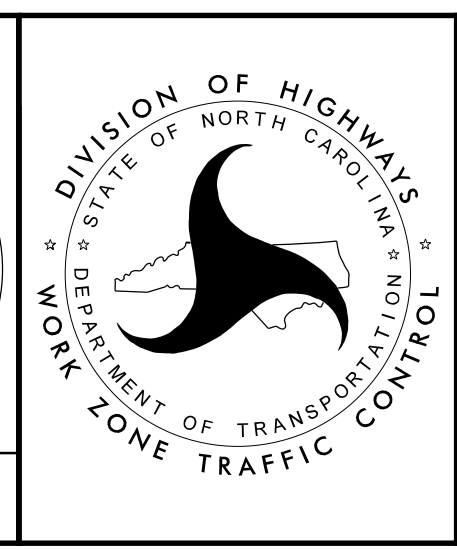
REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED:

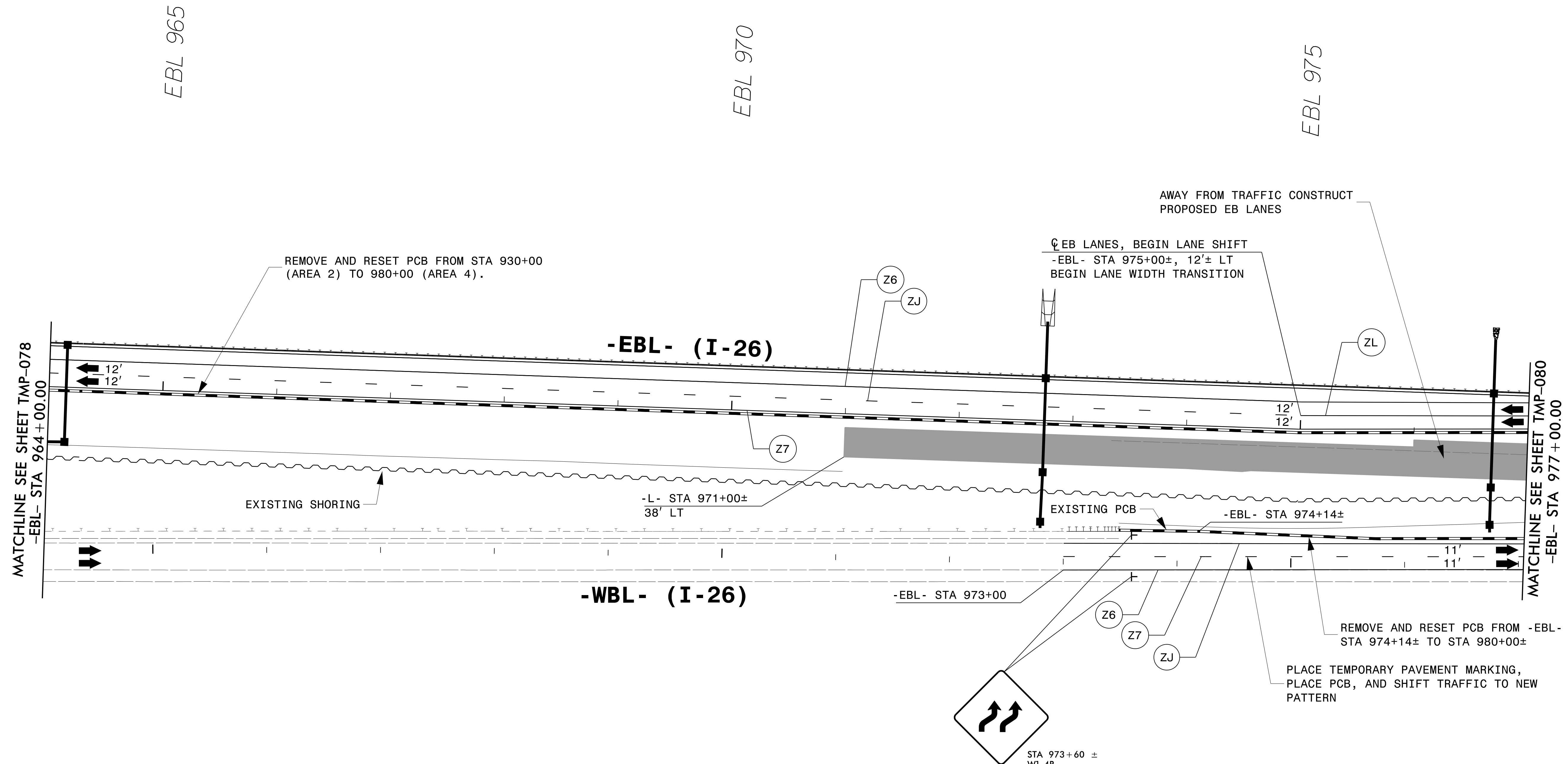
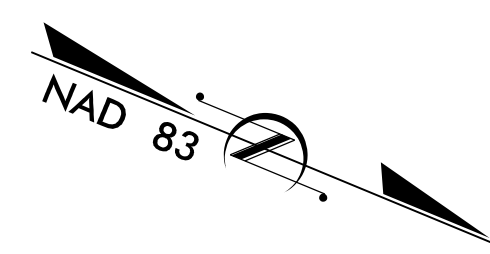
DATE: 3/1/2019

SEAL



**TRANSPORTATION  
 MANAGEMENT PLAN**  
  
**AREA 3  
 PHASE IIB  
 DETAIL 3**

REFER TO SHEETS TMP-121-122 & TMP-128-129 FOR ADDITIONAL AREA 3 PHASE IIB CONSTRUCTION AND ADDITIONAL EB TRAFFIC PATTERNS THAT OCCUR FOR AREA 4 PHASE IIB & IIC PHASING COORDINATION.



MATCHLINE SEE SHEET TMP-078  
-EBL- STA 964 + 00.00

MATCHLINE SEE SHEET TMP-080  
-EBL- STA 977 + 00.00

EBL 965

EBL 970

EBL 975

WBL 965

WBL 970

REMOVE AND RESET PCB FROM STA 930+00 (AREA 2) TO 980+00 (AREA 4).

AWAY FROM TRAFFIC CONSTRUCT PROPOSED EB LANES

CL EB LANES, BEGIN LANE SHIFT  
-EBL- STA 975+00±, 12'± LT  
BEGIN LANE WIDTH TRANSITION

-EBL- (I-26)

-WBL- (I-26)

EXISTING SHORING

-L- STA 971+00±  
38' LT

EXISTING PCB

-EBL- STA 974+14±

-EBL- STA 973+00

REMOVE AND RESET PCB FROM -EBL- STA 974+14± TO STA 980+00±

PLACE TEMPORARY PAVEMENT MARKING, PLACE PCB, AND SHIFT TRAFFIC TO NEW PATTERN

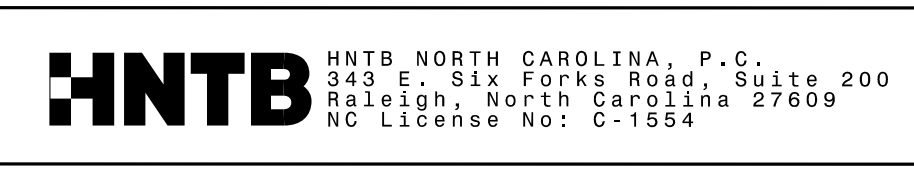
STA 973+60 ±  
W1-4R  
48" X 48"

LEGEND

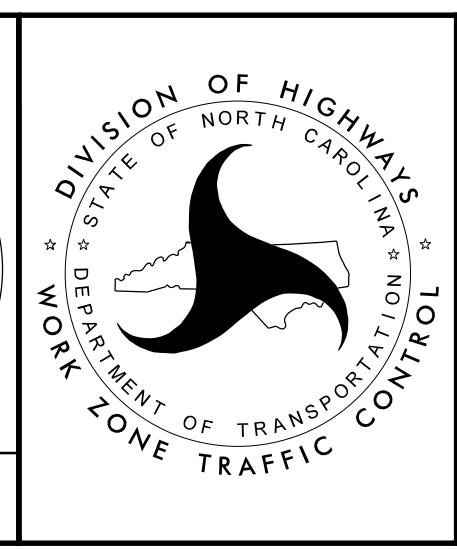
- TEMPORARY PAVEMENT
- WORK AREA
- ONGOING CONSTRUCTION
- REMOVAL
- WEDGE / WIDEN

28-FEB-2019 13:42  
I4700A\_Tc\_A3P2bD4.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.



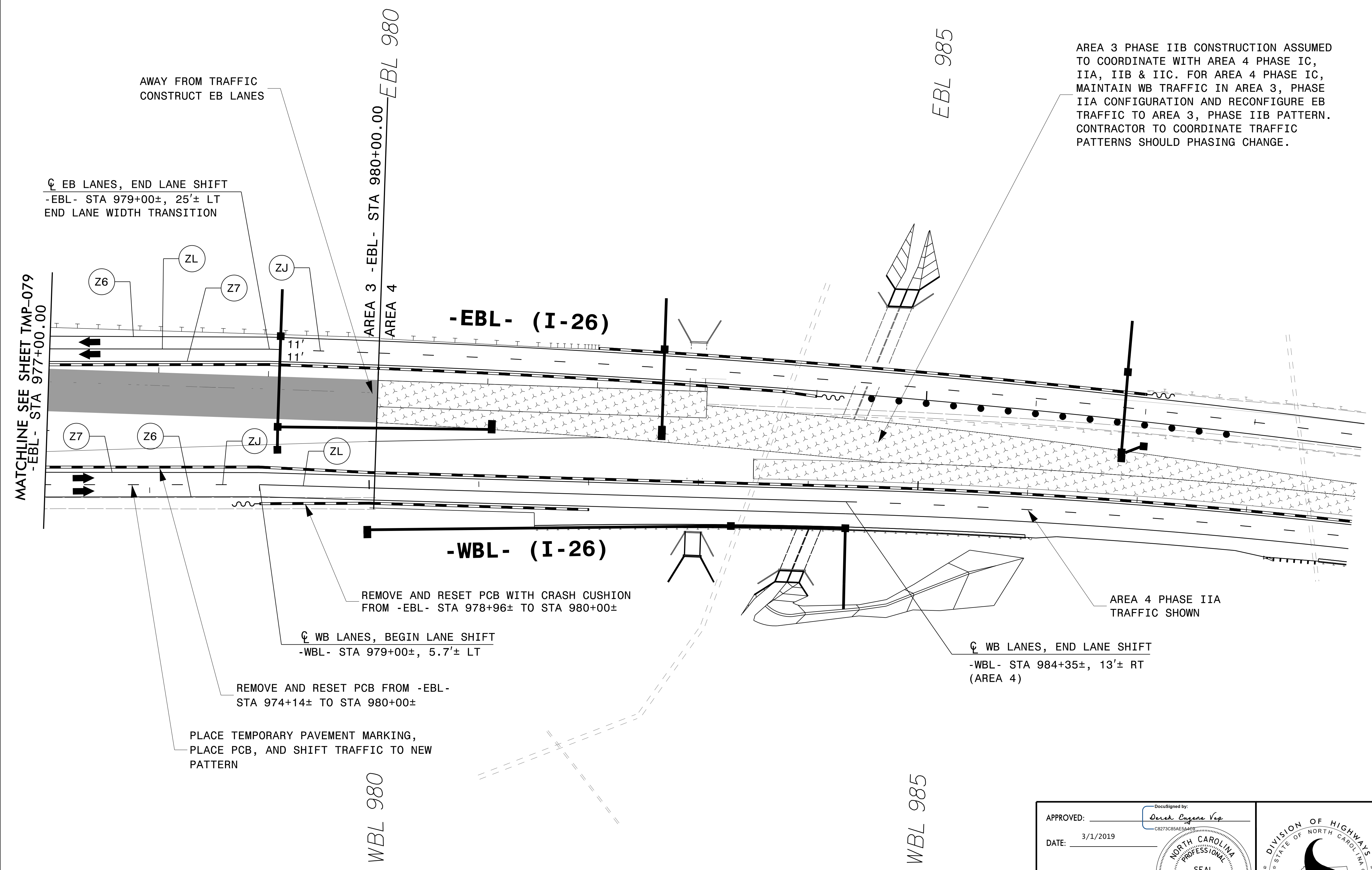
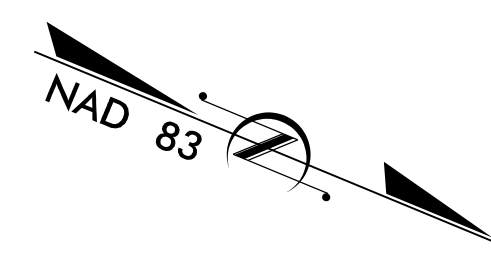
APPROVED:   
DATE: 3/1/2019  
SEAL:



TRANSPORTATION MANAGEMENT PLAN  
**AREA 3 PHASE IIB DETAIL 4**

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REFER TO SHEETS TMP-121-122 & TMP-128-129 FOR ADDITIONAL AREA 3 PHASE IIB CONSTRUCTION AND ADDITIONAL EB TRAFFIC PATTERNS THAT OCCUR FOR AREA 4 PHASE IIB & IIC PHASING COORDINATION.

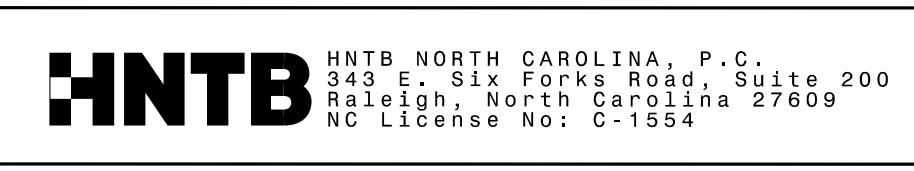


**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:42  
I:\700A\_Tc\_A3P2b05.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

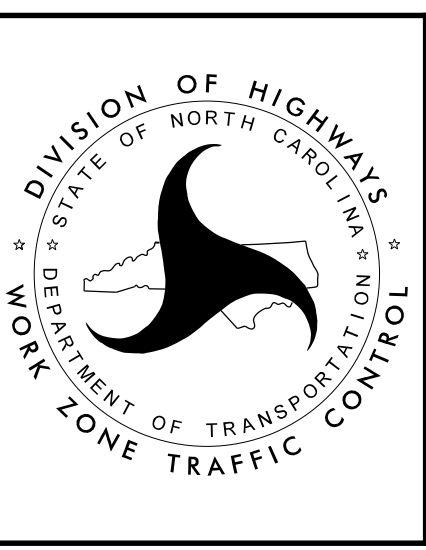


APPROVED:

DATE: 3/1/2019

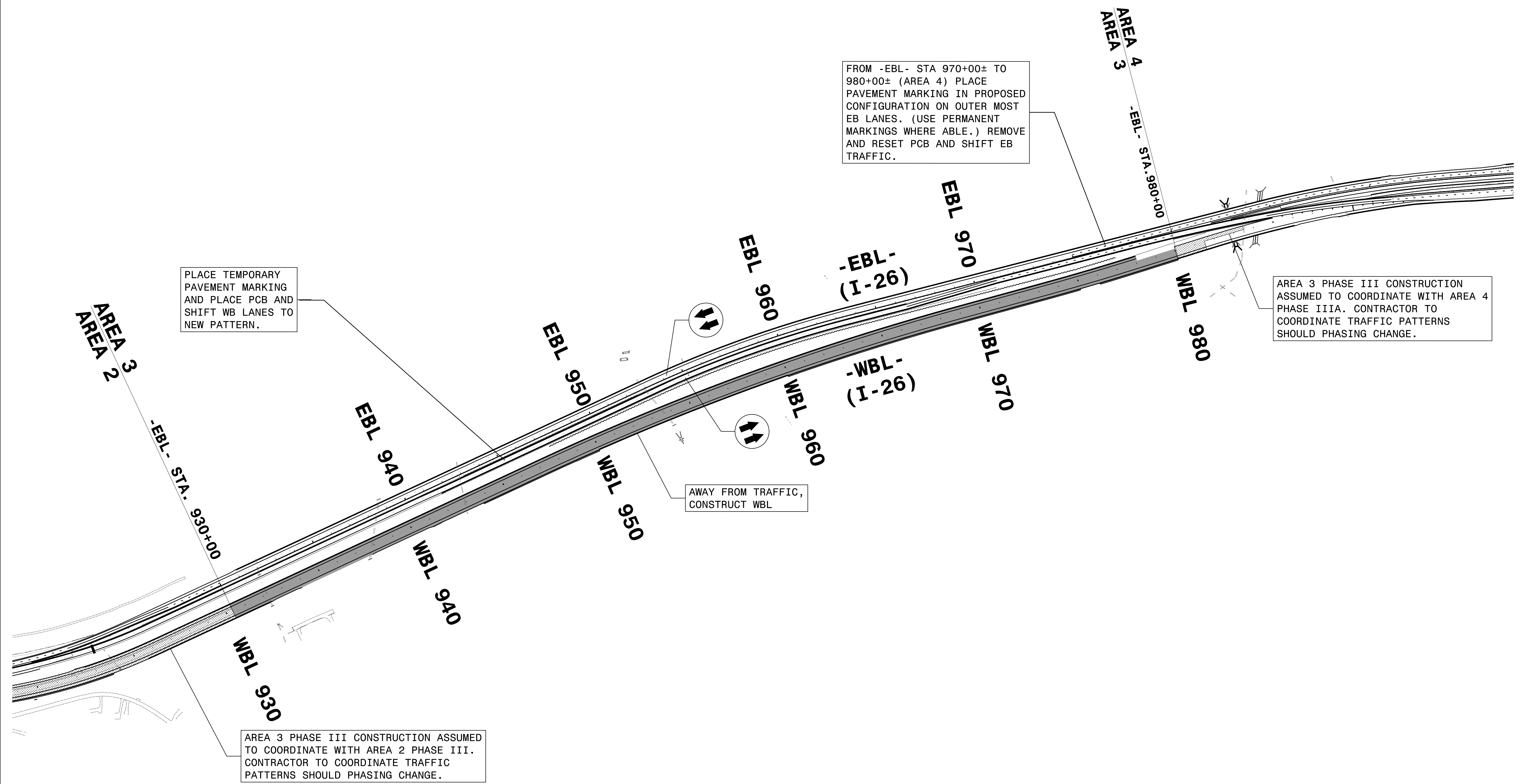
SEAL

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

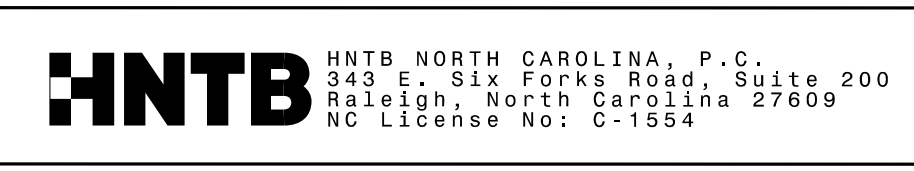


TRANSPORTATION MANAGEMENT PLAN

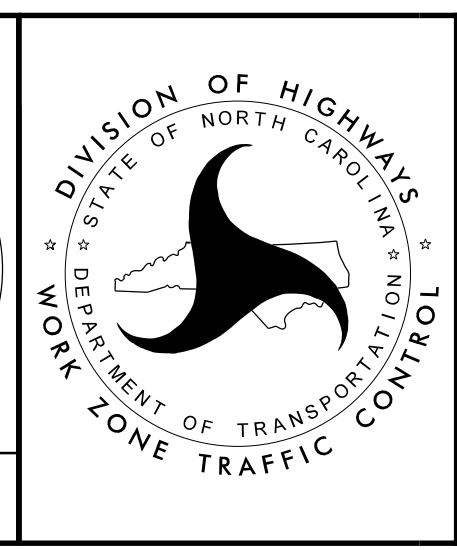
**AREA 3 PHASE IIB DETAIL 5**



28-FEB-2019 13:42  
 I4700A\_Tc\_A3P3\_OV.dgn  
 HNTB



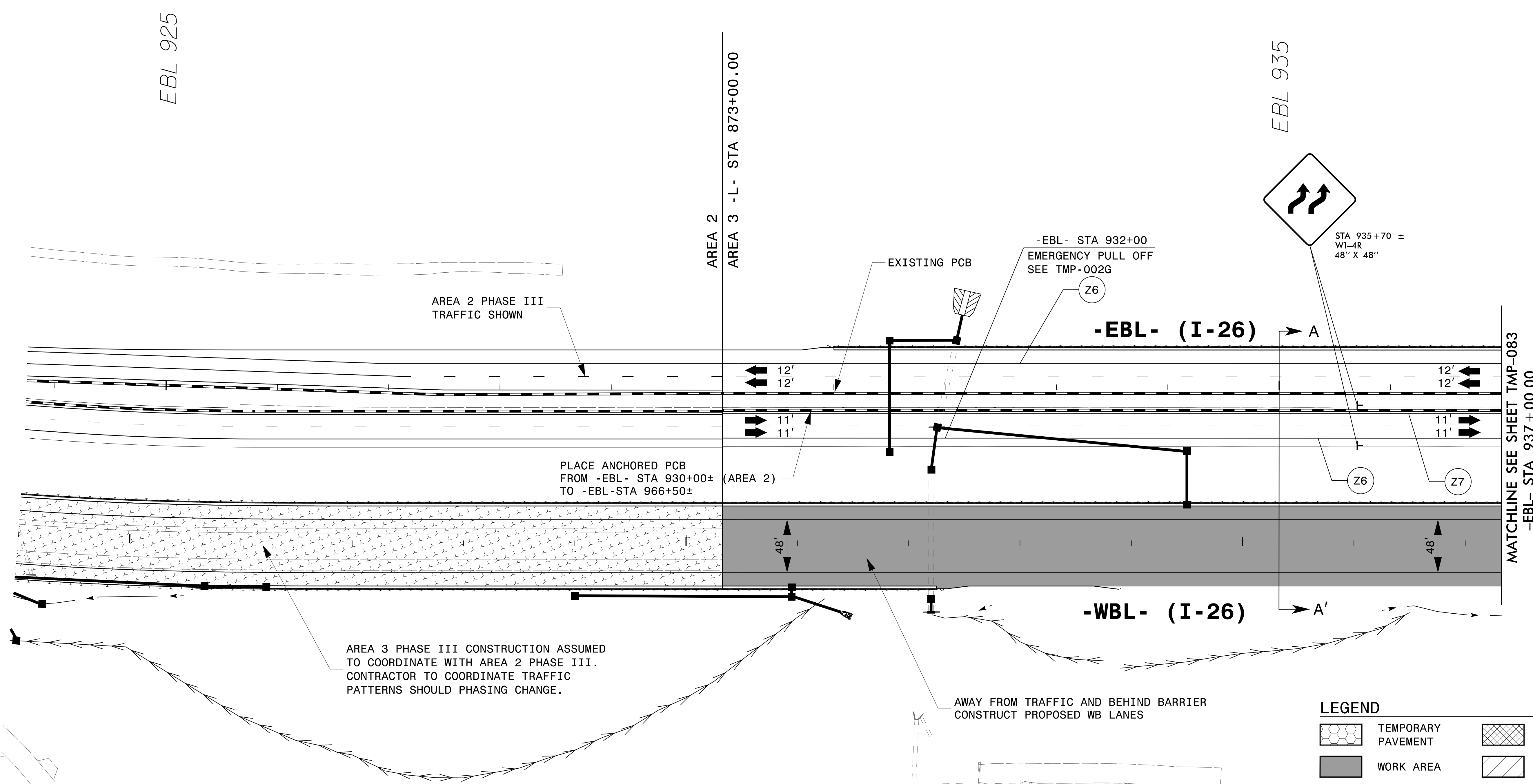
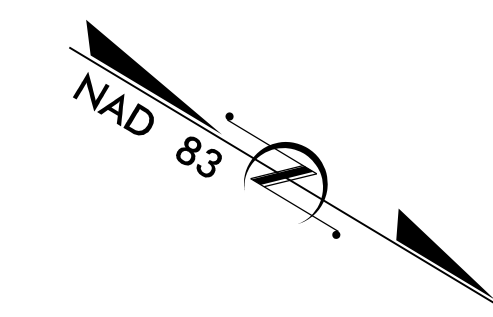
APPROVED: *Derek Eugene Vap*  
 DATE: 3/1/2019  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 047639  
 DEREK EUGENE VAP



TRANSPORTATION MANAGEMENT PLAN  
 AREA 3 PHASE III OVERVIEW

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED





**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-093 FOR CUT SECTION(S).

REMOVE CONFLICTING PAVEMENT MARKING.

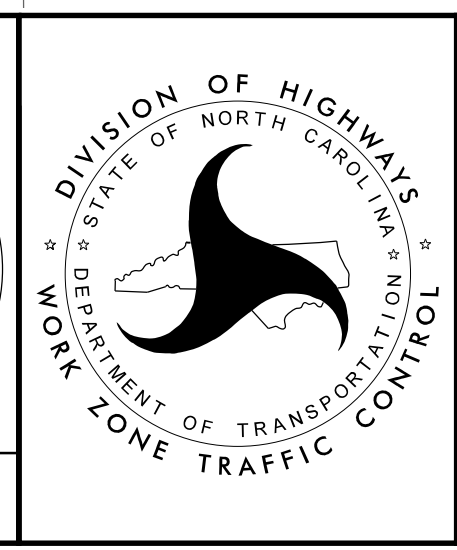
25-APR-2019 10:16  
I4700-TC-A3P301.dgn  
HNTB



APPROVED: *Derek Eugene Vap*  
DATE: 4/25/2019

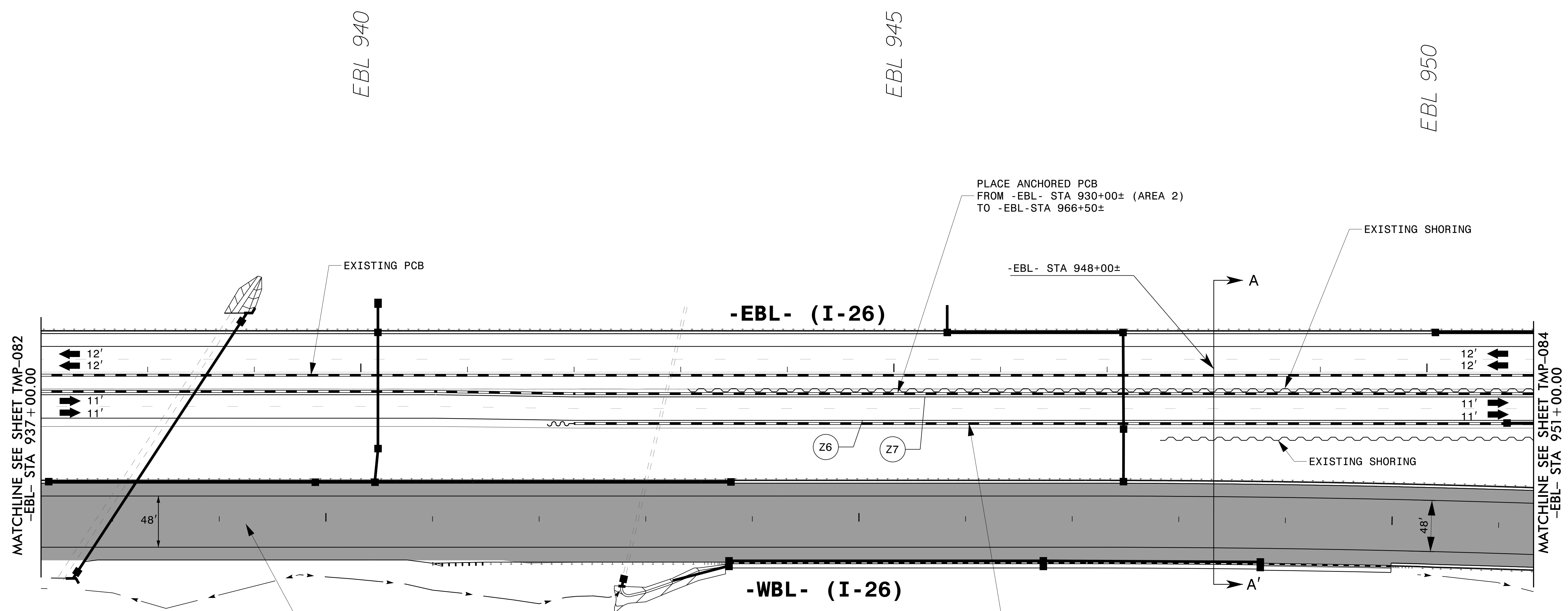
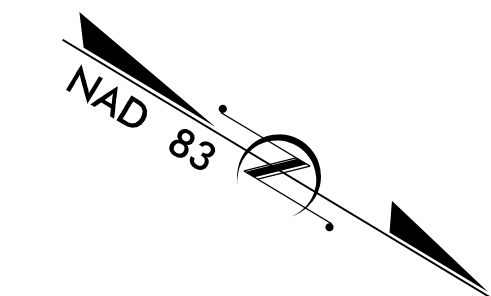
SEAL

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 3 PHASE III DETAIL 1**

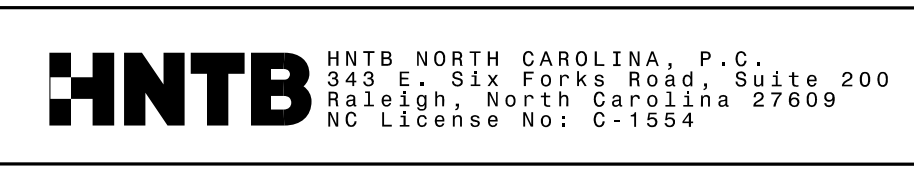


**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-093 FOR CUT SECTION(S).

REMOVE CONFLICTING PAVEMENT MARKING.

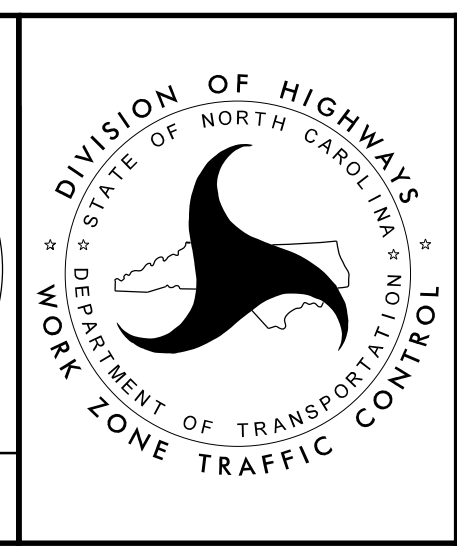


APPROVED:

DATE: 3/1/2019

SEAL

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



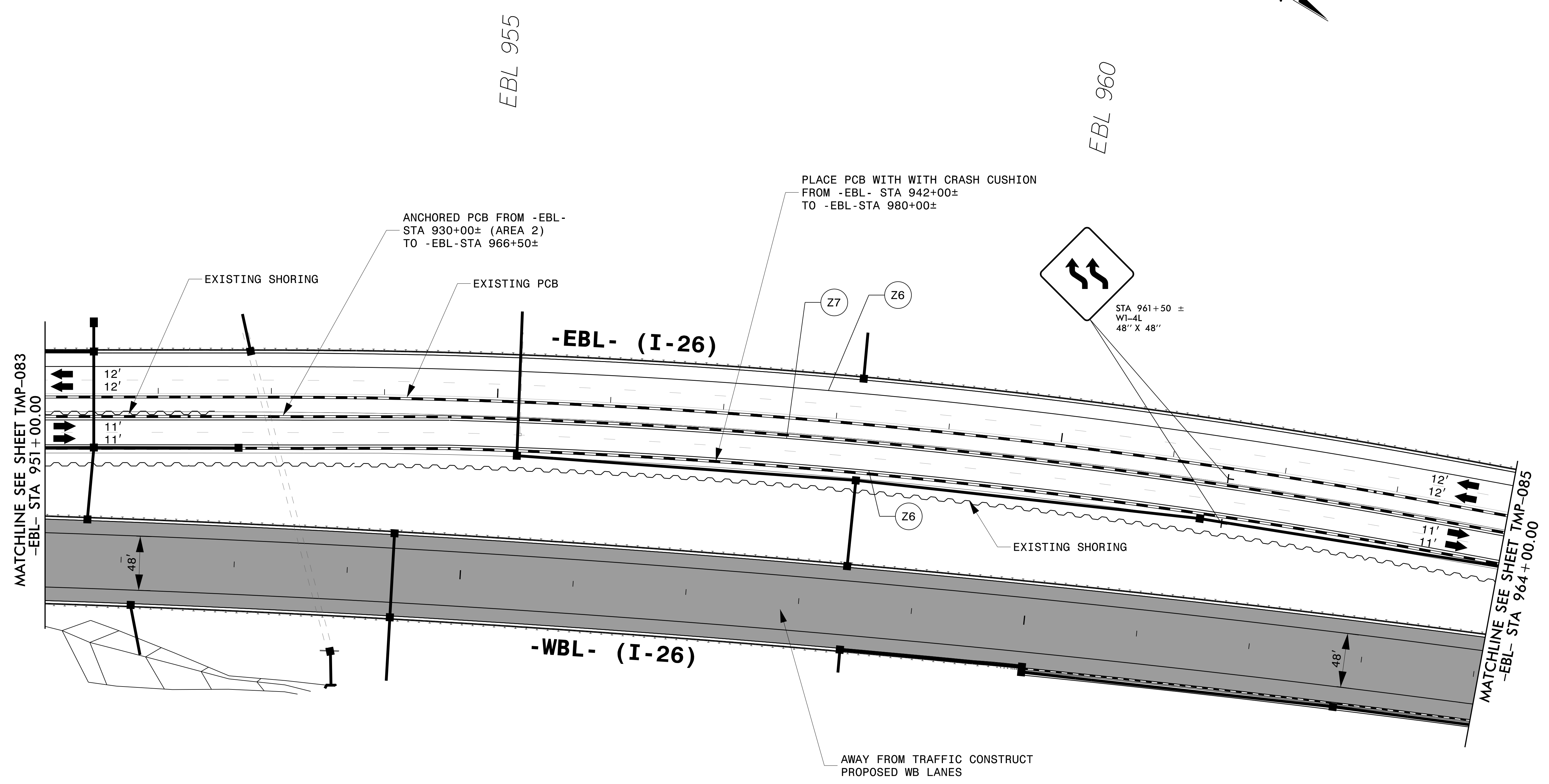
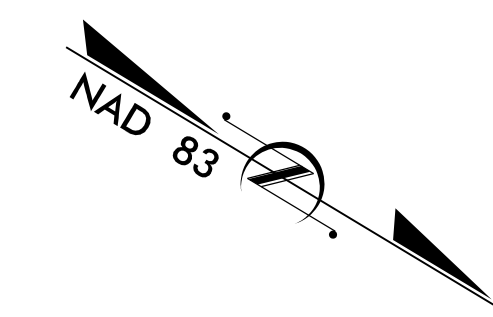
**TRANSPORTATION MANAGEMENT PLAN**

**AREA 3**

**PHASE III**

**DETAIL 2**

28-FEB-2019 13:43  
I4700A\_Tc\_A3P3D2.dgn  
HNTB



MATCHLINE SEE SHEET TMP-083  
-EBL- STA 951+00.00

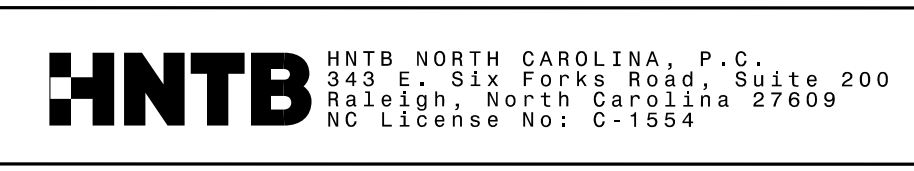
MATCHLINE SEE SHEET TMP-085  
-EBL- STA 964+00.00

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

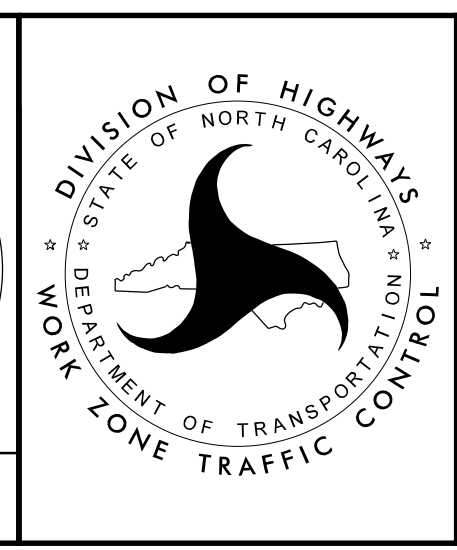
28-FEB-2019 13:43  
I4700A\_Tc\_A3P3D3.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED:   
DATE: 3/1/2019

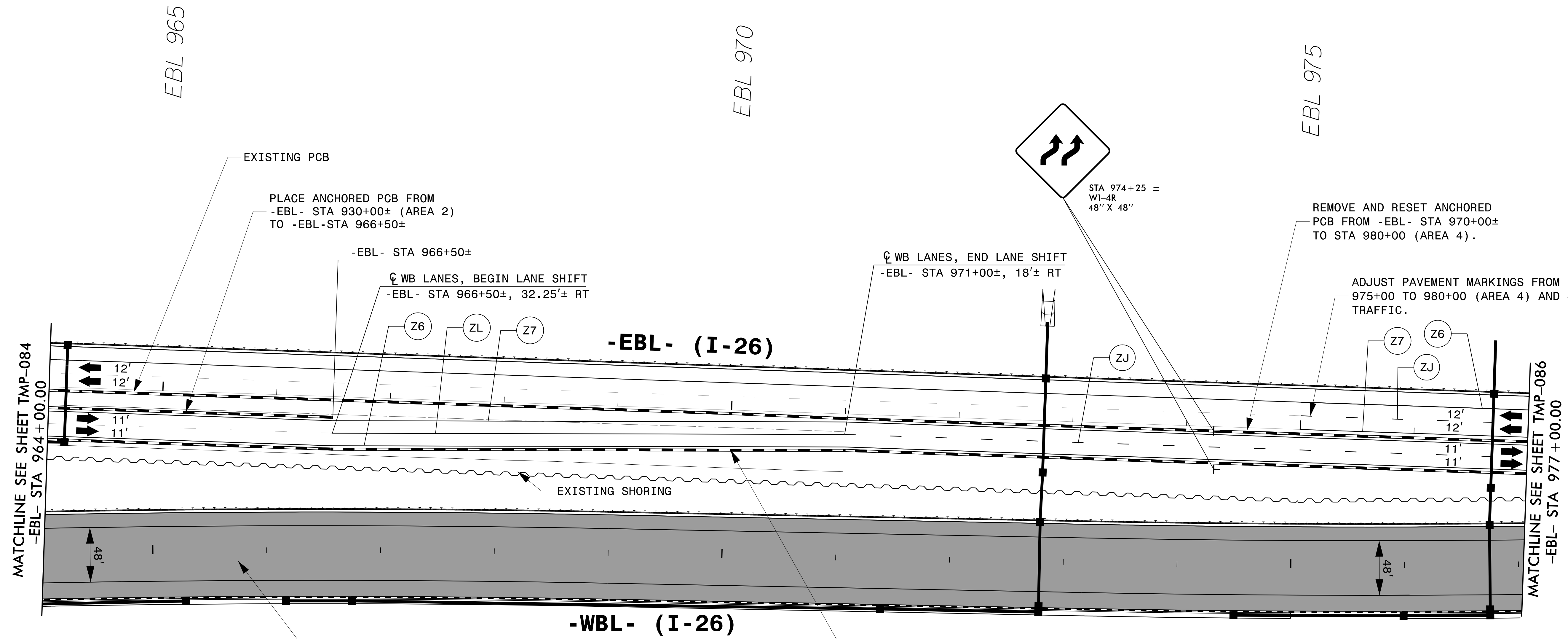
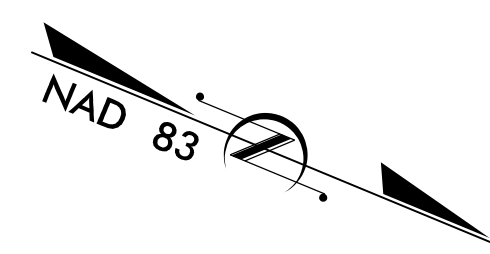
SEAL



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 3  
PHASE III  
DETAIL 3**

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



MATCHLINE SEE SHEET TMP-084  
-EBL- STA 964 + 00.00

MATCHLINE SEE SHEET TMP-086  
-EBL- STA 977 + 00.00

EBL 965

EBL 970

EBL 975

WBL 965

WBL 970

EXISTING PCB  
PLACE ANCHORED PCB FROM  
-EBL- STA 930+00± (AREA 2)  
TO -EBL-STA 966+50±

-EBL- STA 966+50±  
WB LANES, BEGIN LANE SHIFT  
-EBL- STA 966+50±, 32.25'± RT

WB LANES, END LANE SHIFT  
-EBL- STA 971+00±, 18'± RT

REMOVE AND RESET ANCHORED  
PCB FROM -EBL- STA 970+00±  
TO STA 980+00 (AREA 4).

ADJUST PAVEMENT MARKINGS FROM -EBL- STA  
975+00 TO 980+00 (AREA 4) AND SHIFT EB  
TRAFFIC.

EXISTING SHORING

AWAY FROM TRAFFIC CONSTRUCT  
PROPOSED WB LANES

PLACE PCB WITH WITH  
CRASH CUSHION  
FROM -EBL- STA 942+00±  
TO -EBL-STA 980+00±

**LEGEND**

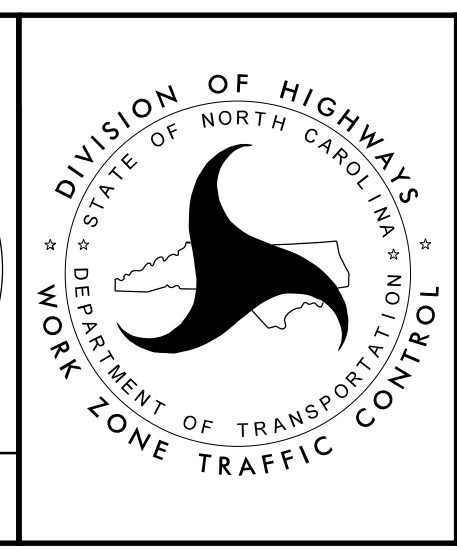
- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | TEMPORARY PAVEMENT   |  | REMOVAL       |
|  | WORK AREA            |  | WEDGE / WIDEN |
|  | ONGOING CONSTRUCTION |  |               |

28-FEB-2019 13:43  
I:\700A\_Tc\_A3\3D4.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

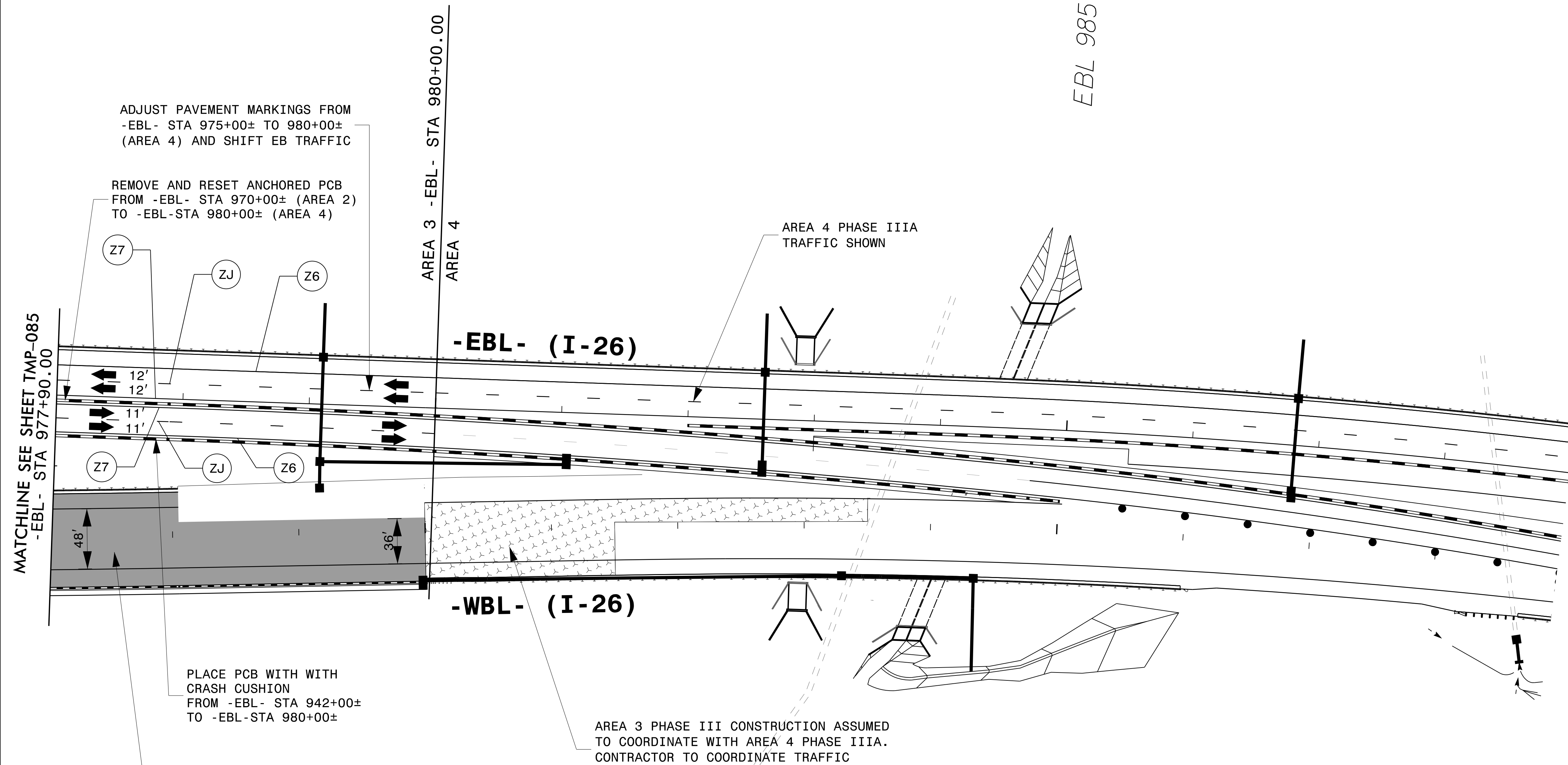
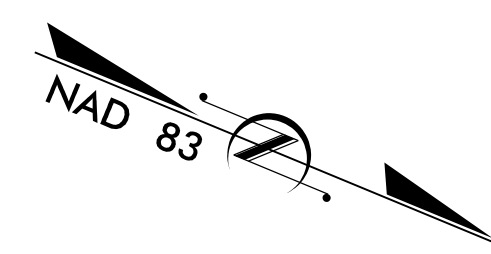


APPROVED:   
DATE: 3/1/2019  
SEAL



TRANSPORTATION  
MANAGEMENT PLAN  
  
AREA 3  
PHASE III  
DETAIL 4

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



MATCHLINE SEE SHEET TMP-085  
-EBL- STA 977+90.00

AREA 3 -EBL- STA 980+00.00  
AREA 4

EBL 985

WBL 980

WBL 985

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

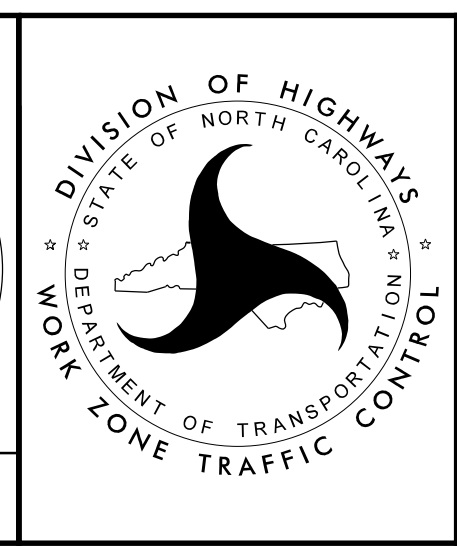
28-FEB-2019 13:43  
I-4700A\_Tc\_A3P305.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED:   
DATE: 3/1/2019

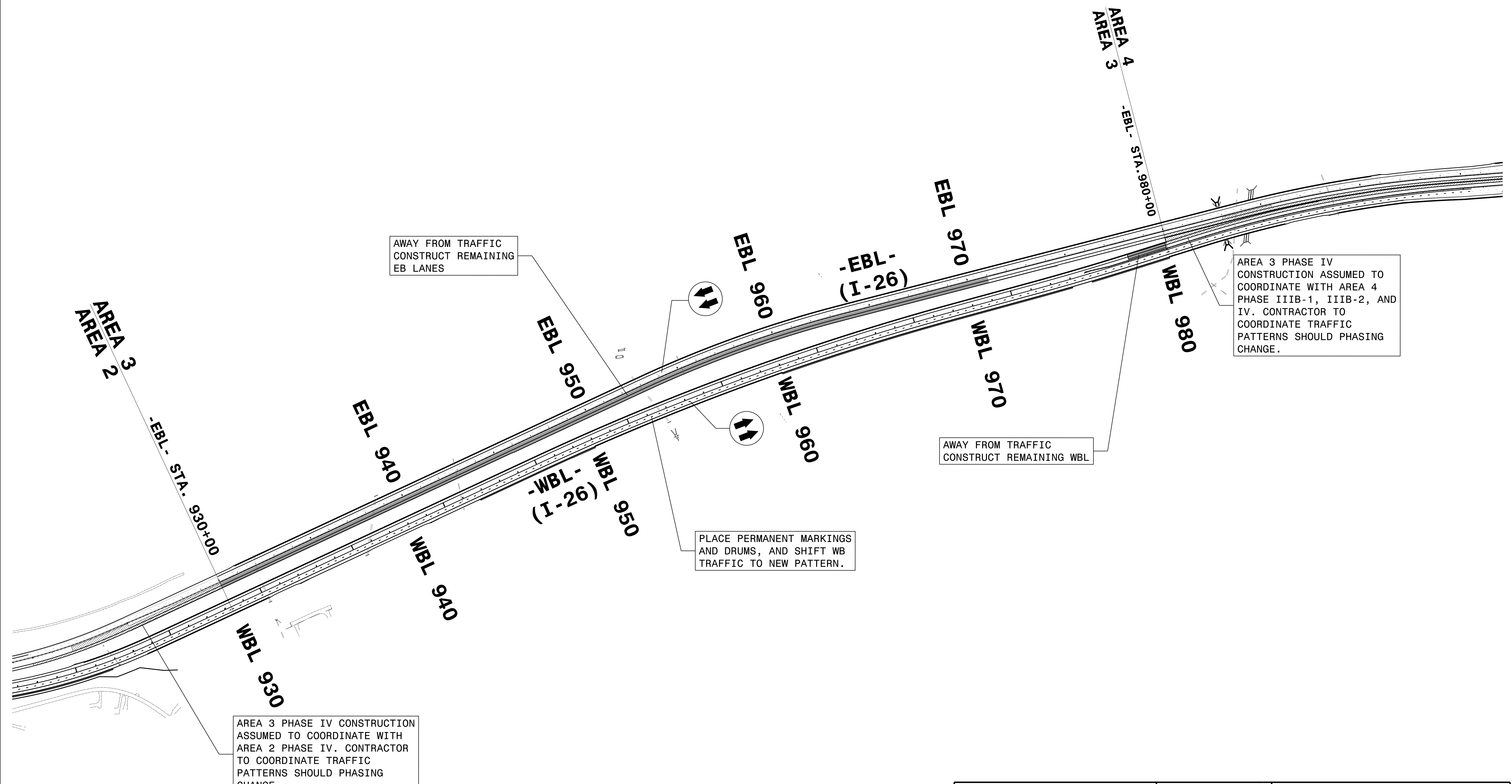
SEAL



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 3  
PHASE III  
DETAIL 5**

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



28-FEB-2019 13:43  
 I:\700A\_Tc\_A3P4\_OV.dgn  
 HNTB

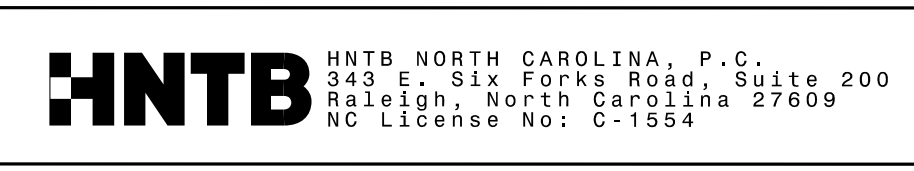
AREA 3 PHASE IV CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 2 PHASE IV. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

AREA 3 PHASE IV CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 4 PHASE IIIB-1, IIIB-2, AND IV. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

PLACE PERMANENT MARKINGS AND DRUMS, AND SHIFT WB TRAFFIC TO NEW PATTERN.

AWAY FROM TRAFFIC CONSTRUCT REMAINING EB LANES

AWAY FROM TRAFFIC CONSTRUCT REMAINING WBL

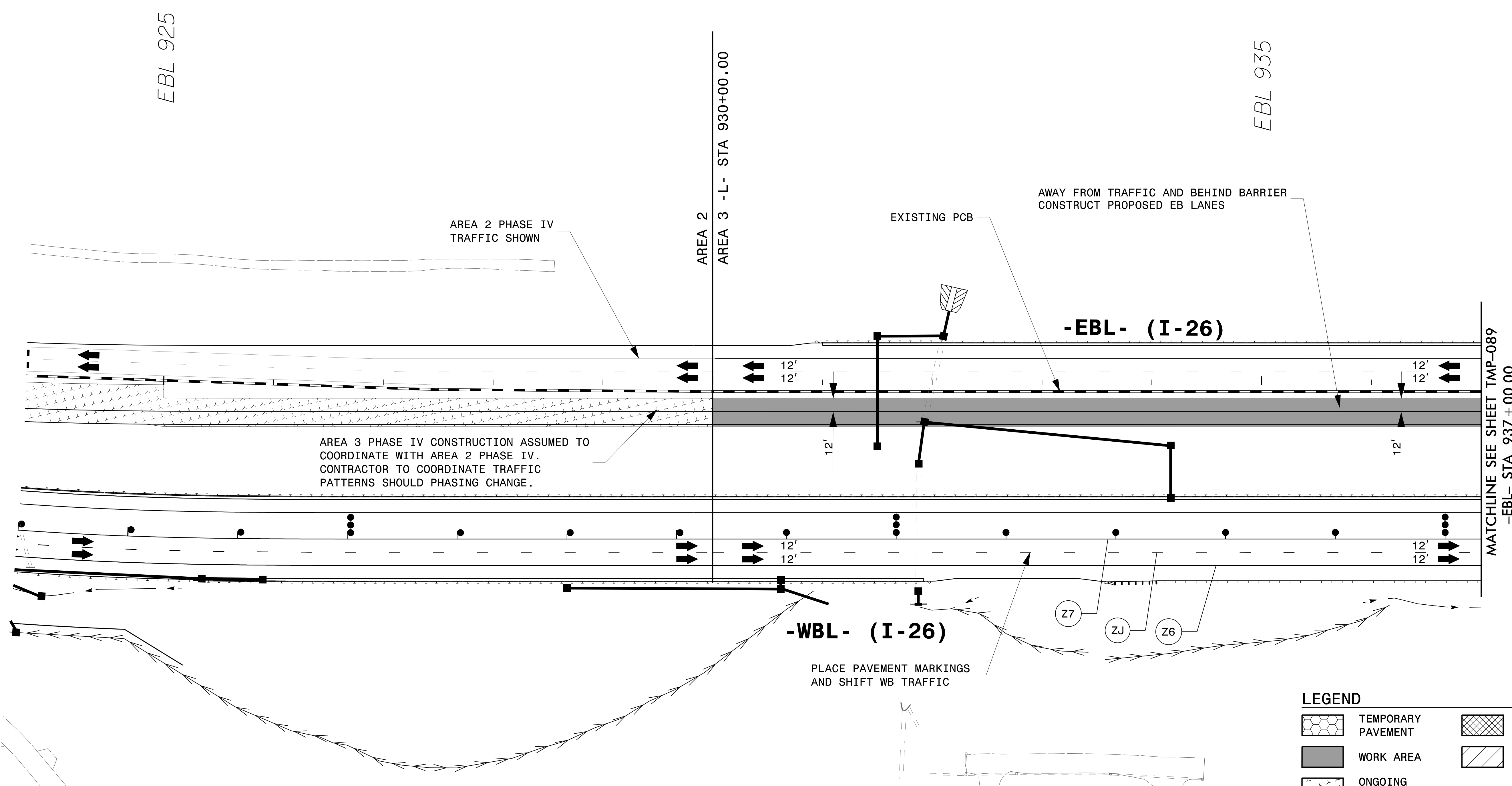
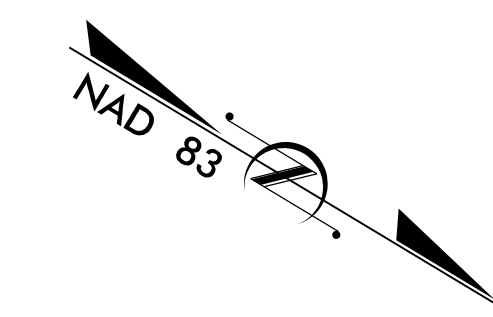


APPROVED: DEREK EUGENE YAP  
 DATE: 3/1/2019  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 047639  
 DEREK EUGENE YAP



TRANSPORTATION MANAGEMENT PLAN  
 AREA 3 PHASE IV OVERVIEW

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



EBL 925

EBL 935

AREA 2 PHASE IV TRAFFIC SHOWN

AREA 2  
AREA 3 - L - STA 930+00.00

AWAY FROM TRAFFIC AND BEHIND BARRIER  
CONSTRUCT PROPOSED EB LANES

EXISTING PCB

-EBL- (I-26)

AREA 3 PHASE IV CONSTRUCTION ASSUMED TO  
COORDINATE WITH AREA 2 PHASE IV.  
CONTRACTOR TO COORDINATE TRAFFIC  
PATTERNS SHOULD PHASING CHANGE.

MATCHLINE SEE SHEET TMP-089  
-EBL- STA 937+00.00

-WBL- (I-26)

PLACE PAVEMENT MARKINGS  
AND SHIFT WB TRAFFIC

Z7  
ZJ  
Z6

WBL 925

WBL 930

LEGEND

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | TEMPORARY PAVEMENT   |  | REMOVAL       |
|  | WORK AREA            |  | WEDGE / WIDEN |
|  | ONGOING CONSTRUCTION |  |               |

25-APR-2019 10:19  
I-4700-Tc-A3P401.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

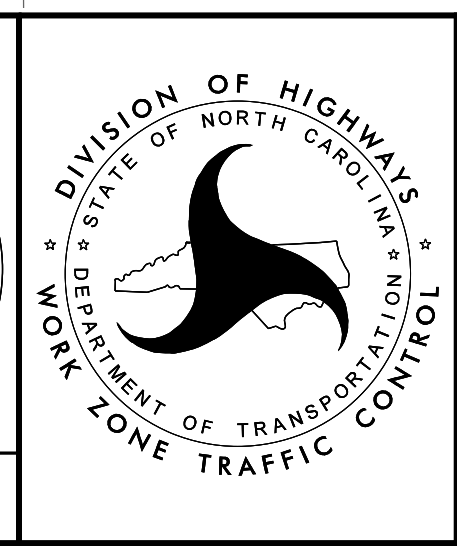
**HNTB** HNTB NORTH CAROLINA, P.C.  
343 E. SIX FORKS ROAD, SUITE 200  
RALEIGH, NORTH CAROLINA 27609  
NC LICENSE NO: C-1554

APPROVED: *Derek Eugene Vap*  
DATE: 4/25/2019

SEAL

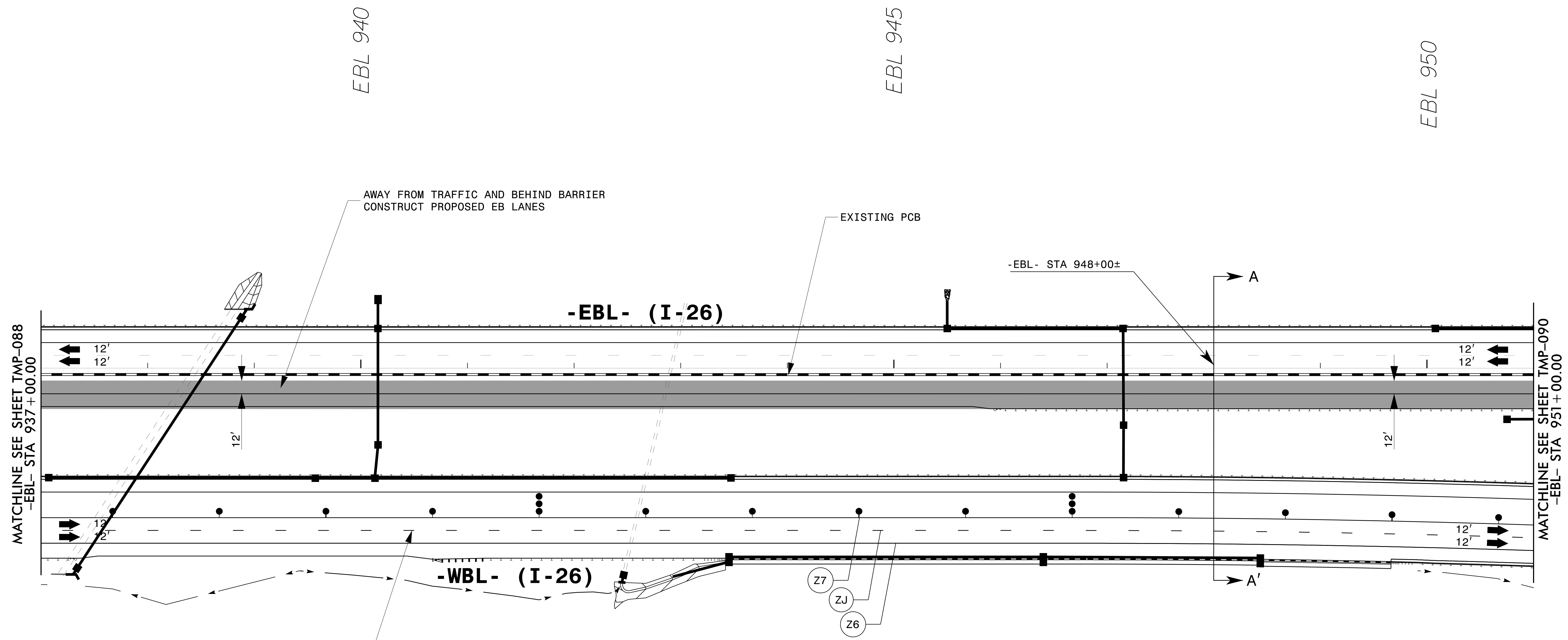
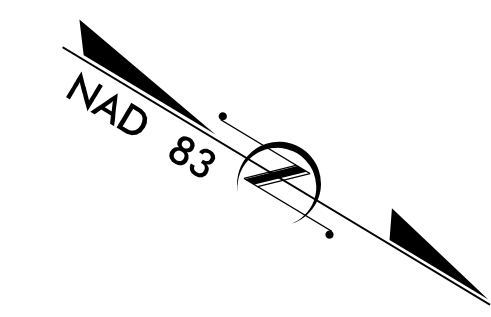
NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 047639  
DEREK EUGENE VAP

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



TRANSPORTATION  
MANAGEMENT PLAN

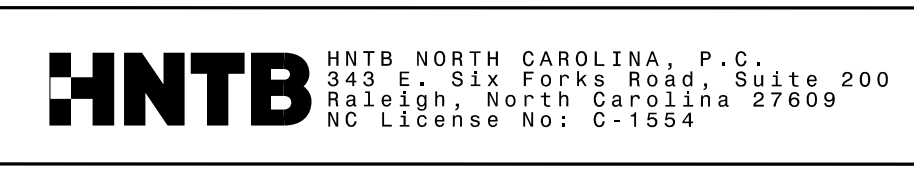
AREA 3  
PHASE IV  
DETAIL 1



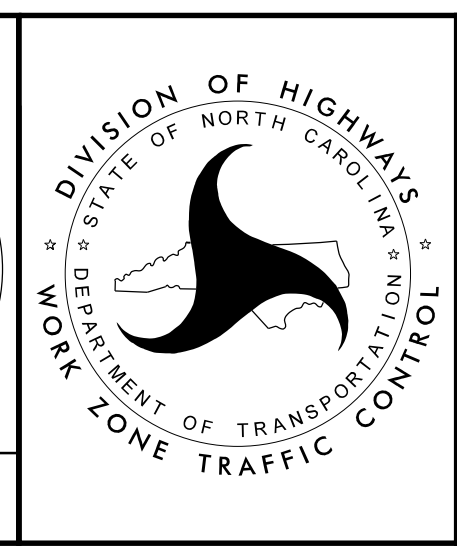
**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-093 FOR CUT SECTION(S).  
 REMOVE CONFLICTING PAVEMENT MARKING.



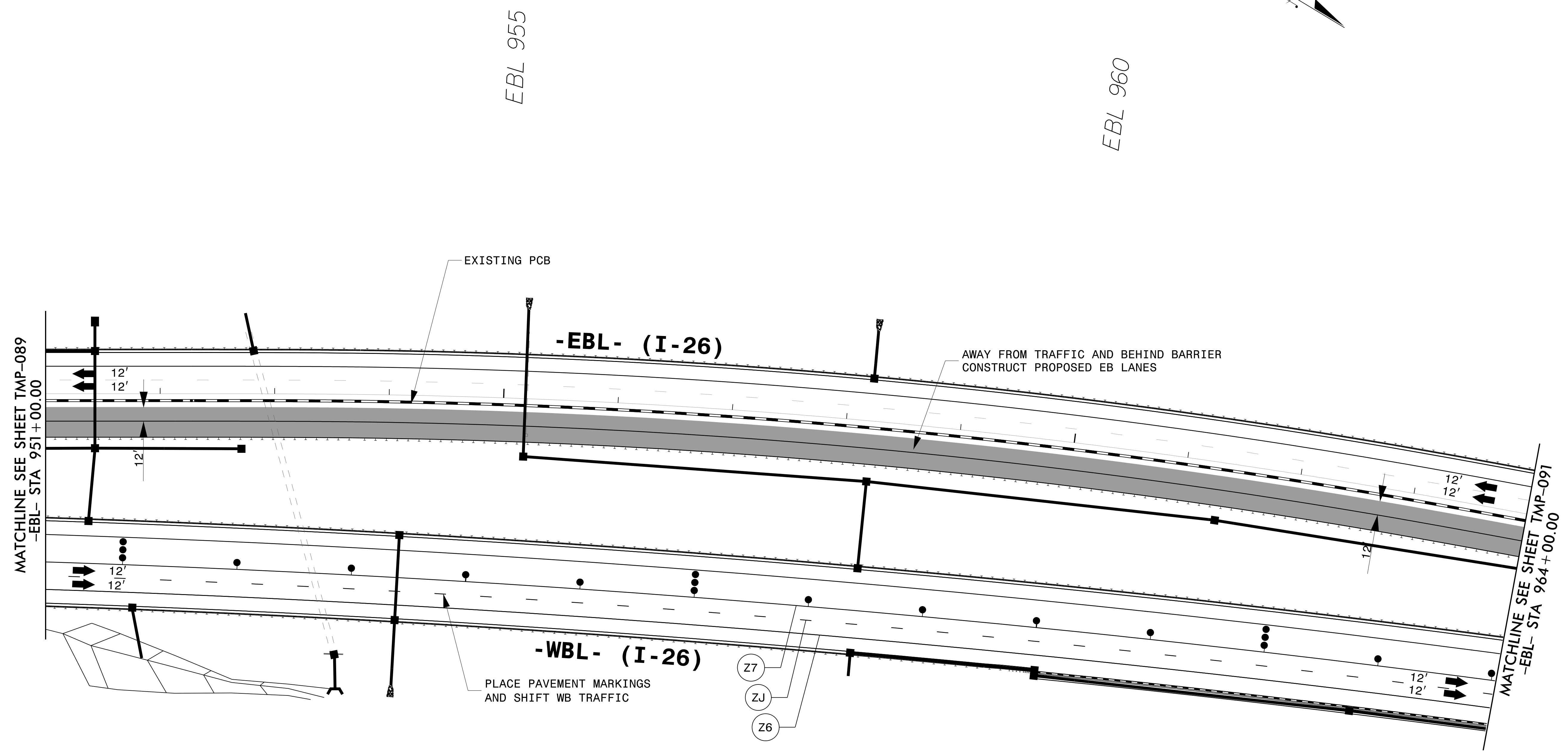
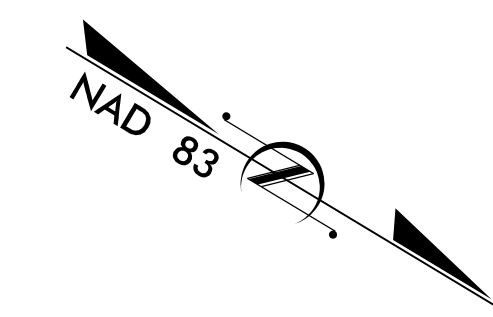
APPROVED: *Devek Eugene Vap*  
 DATE: 3/1/2019  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 DEVEK EUGENE VAP  
 SEAL 047639



**TRANSPORTATION MANAGEMENT PLAN**  
**AREA 3**  
**PHASE IV**  
**DETAIL 2**

28-FEB-2019 13:43  
 I4700A\_Tc\_A3P4D2.dgn  
 HNTB





EBL 955

EBL 960

**-EBL- (I-26)**

**-WBL- (I-26)**

WBL 955

WBL 960

**LEGEND**

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | TEMPORARY PAVEMENT   |  | REMOVAL       |
|  | WORK AREA            |  | WEDGE / WIDEN |
|  | ONGOING CONSTRUCTION |  |               |

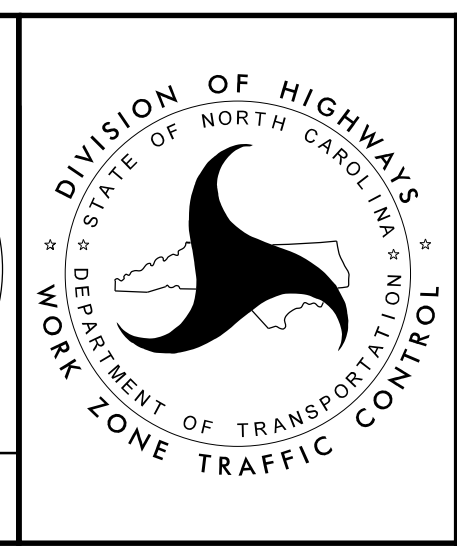
REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED:

DATE: 3/1/2019

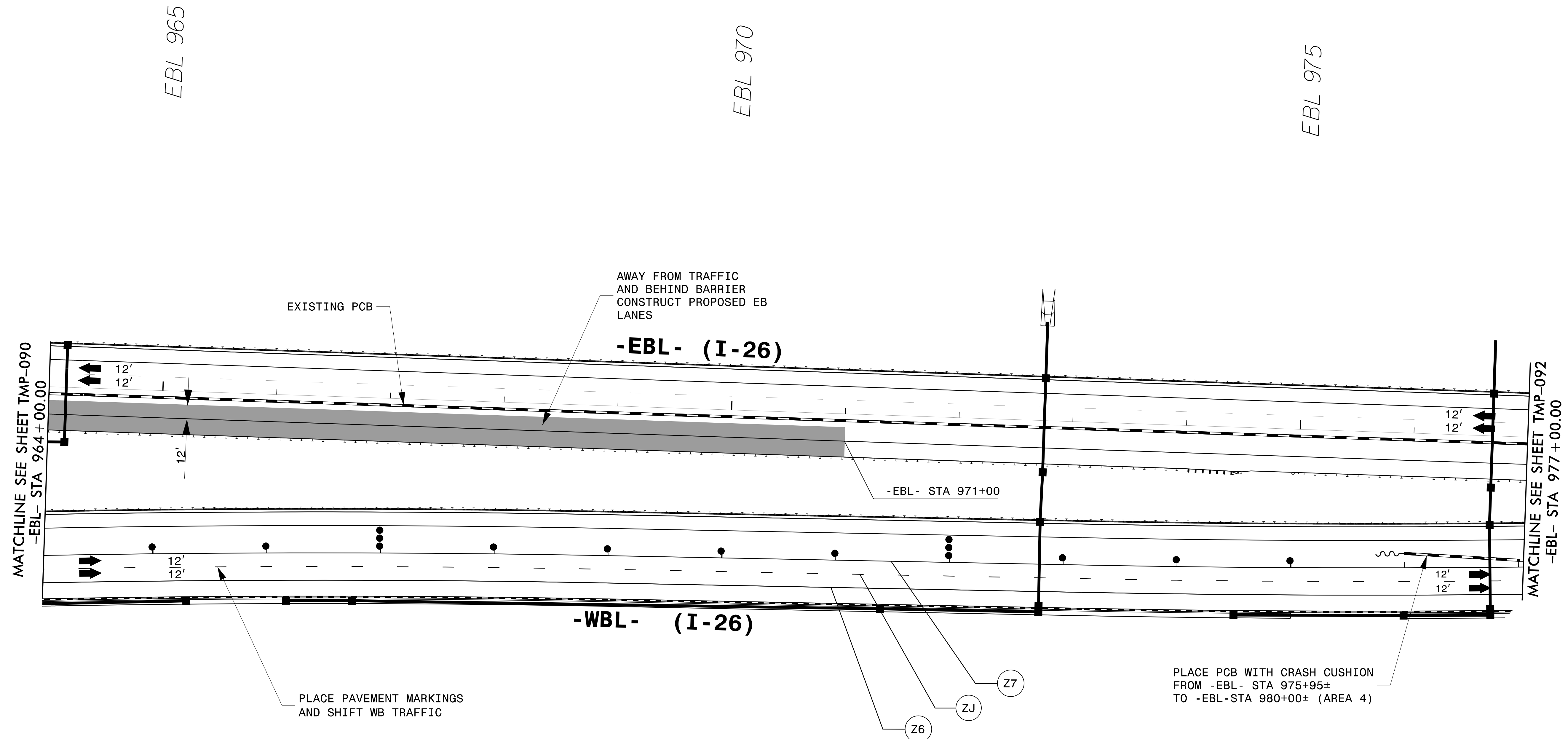
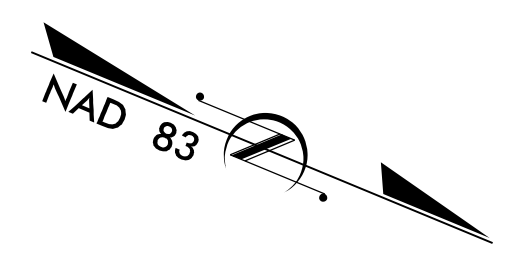
SEAL



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 3  
PHASE IV  
DETAIL 3**

28-FEB-2019 13:44  
 I4700A\_Tc\_A3P403.dgn  
 HNTB

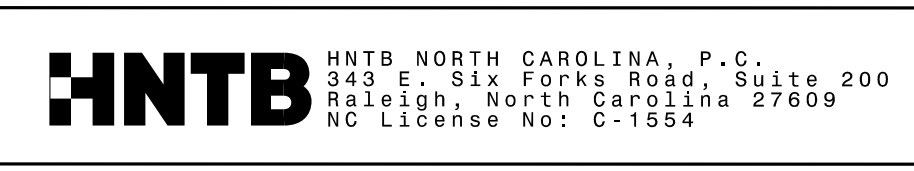


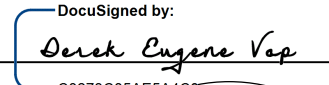
**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

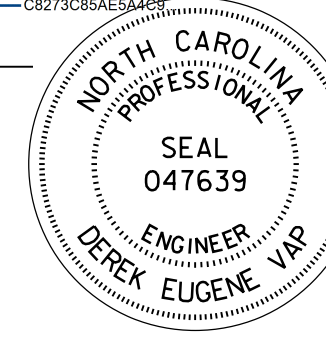
28-FEB-2019 13:44  
I4700A\_Tc\_A3P4D4.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

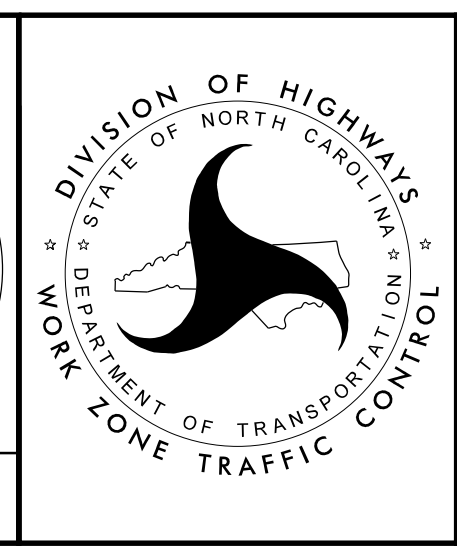


APPROVED:   
DATE: 3/1/2019

SEAL

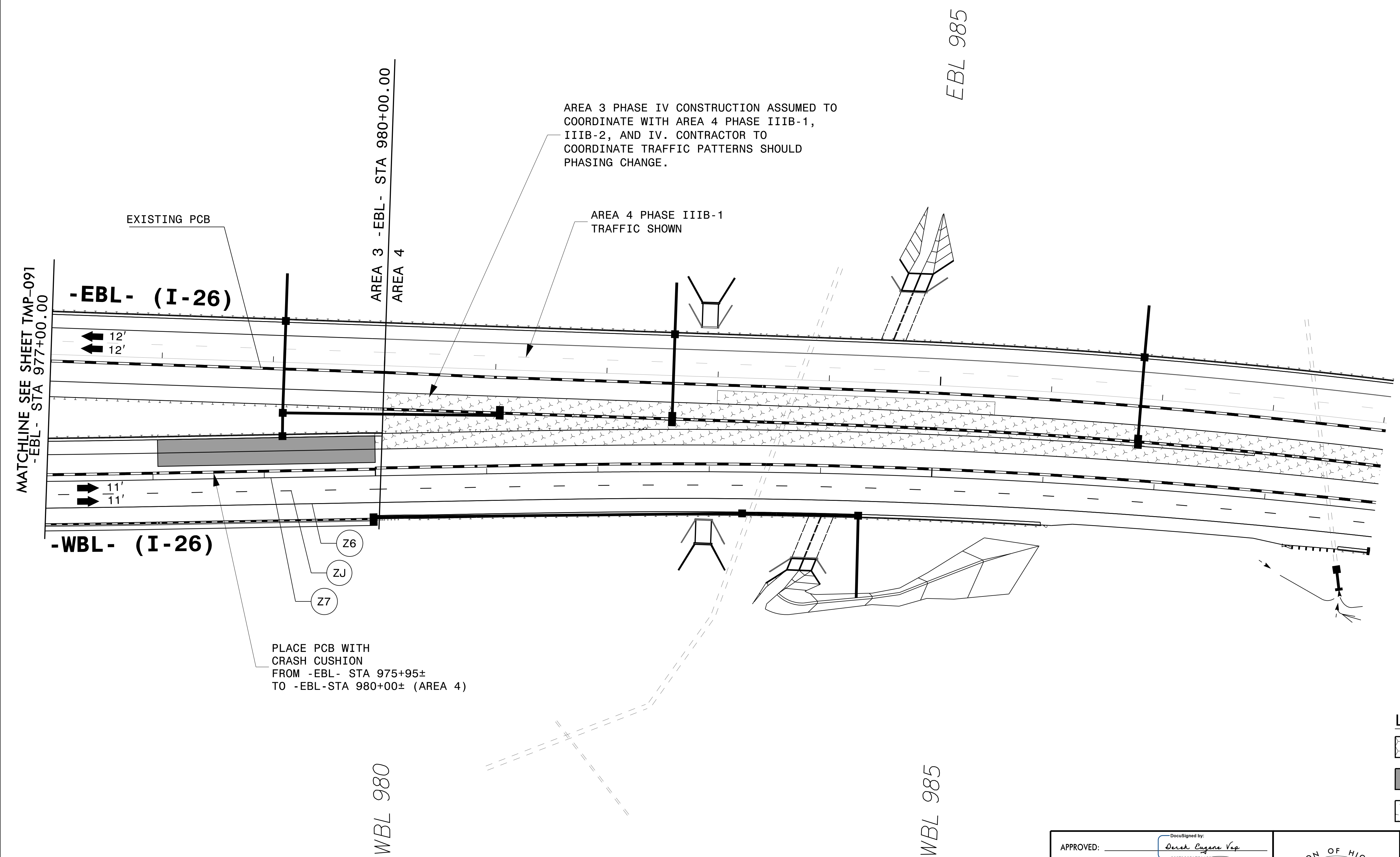
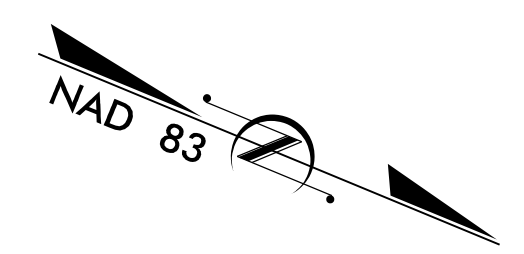


**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 3  
PHASE IV  
DETAIL 4**



PLACE PCB WITH CRASH CUSHION FROM -EBL- STA 975+95± TO -EBL-STA 980+00± (AREA 4)

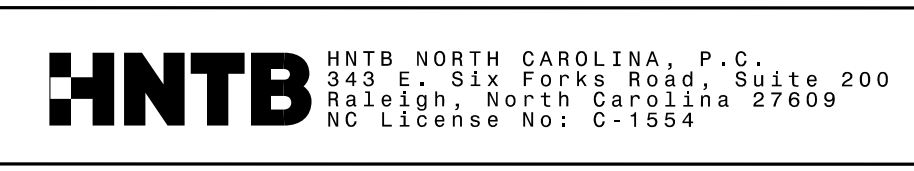
MATCHLINE SEE SHEET TMP-091 -EBL- STA 977+00.00

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:44  
I4700A\_Tc\_A3P405.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.



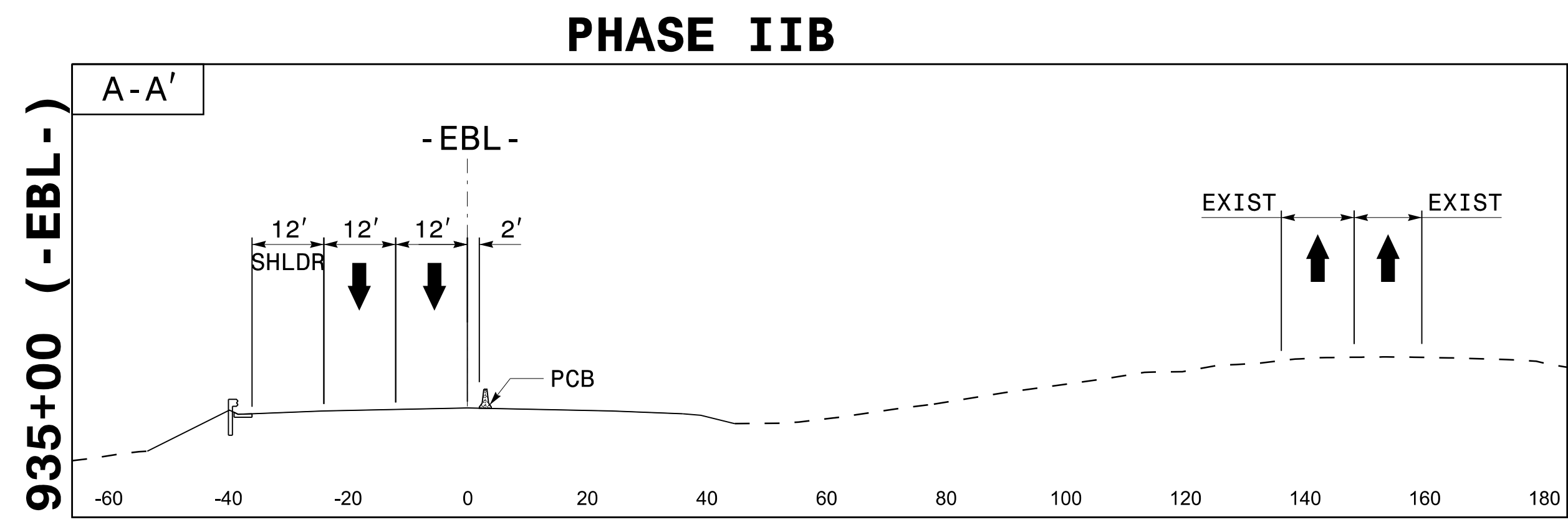
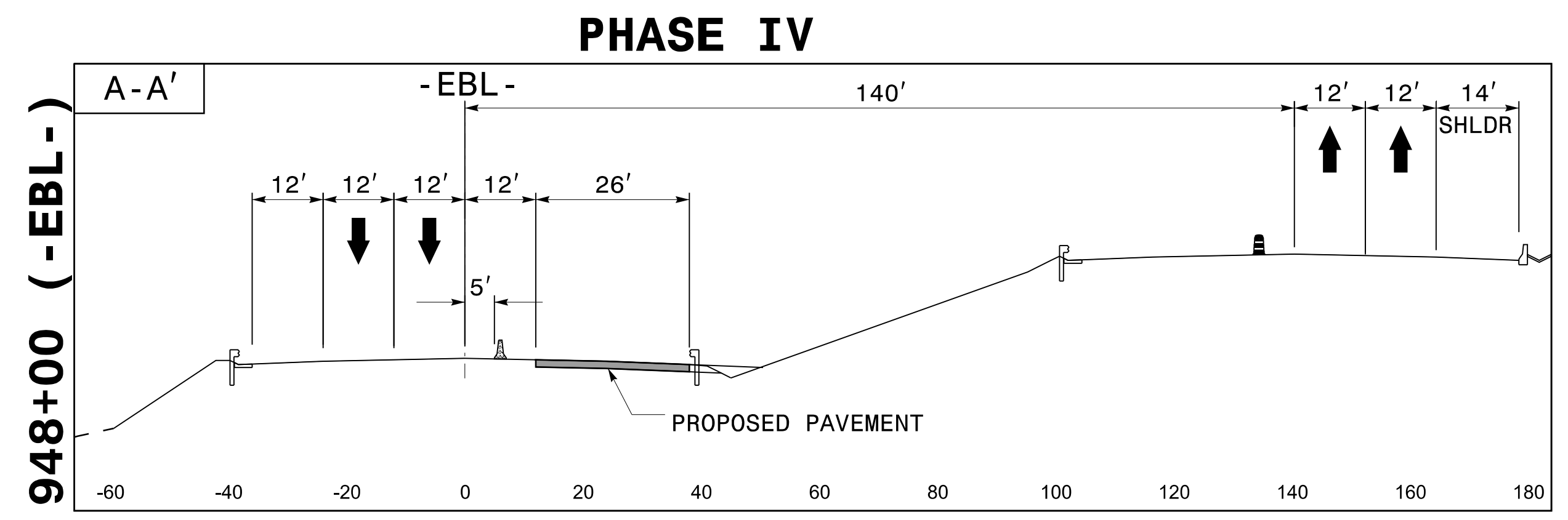
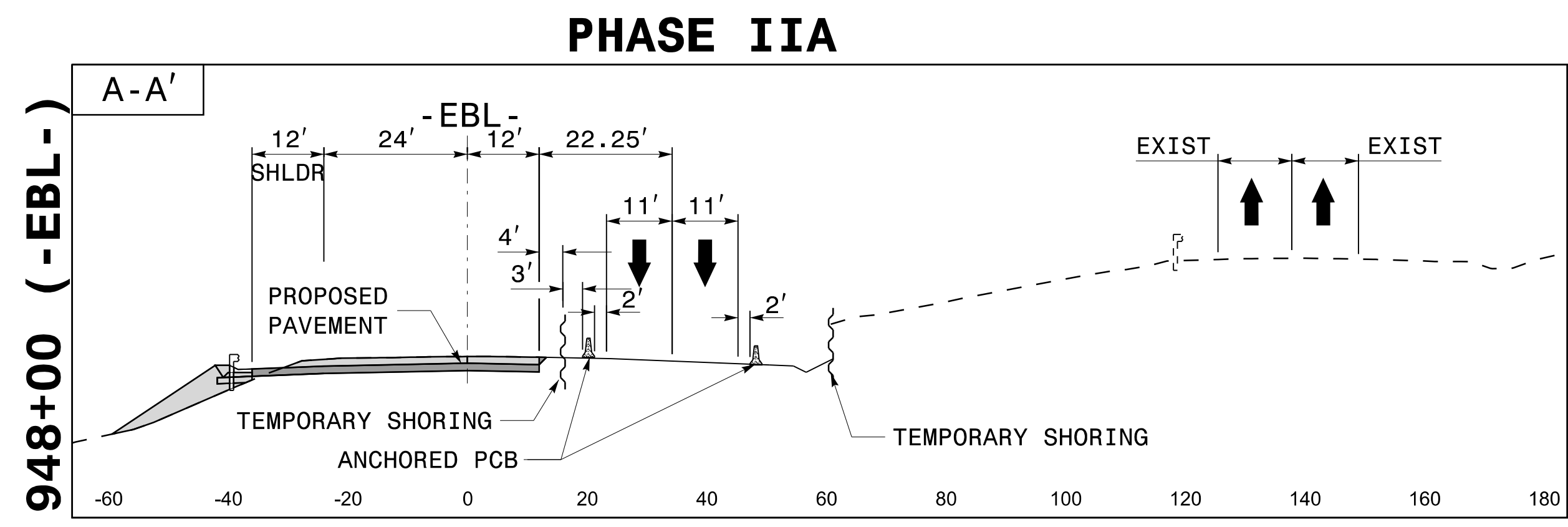
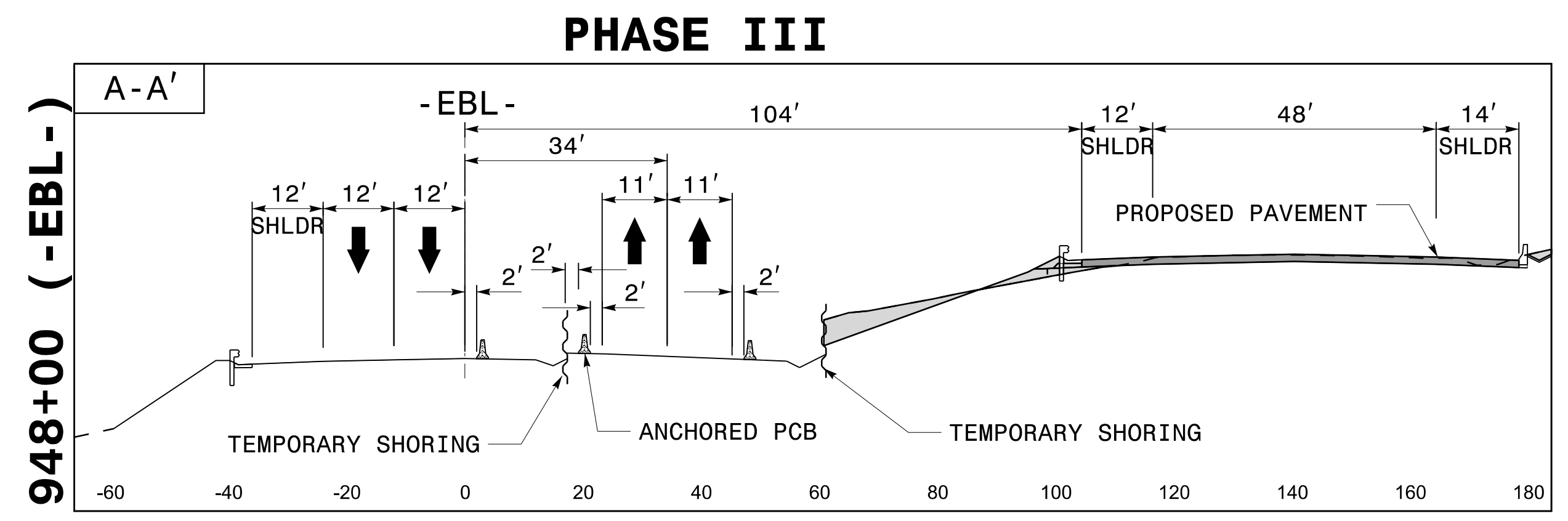
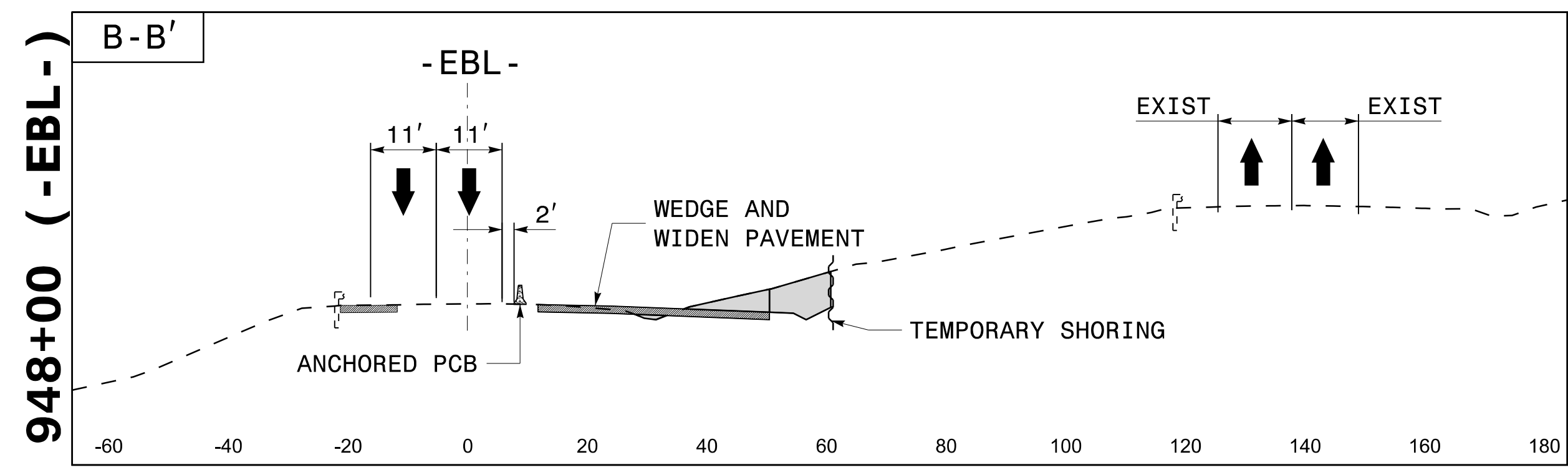
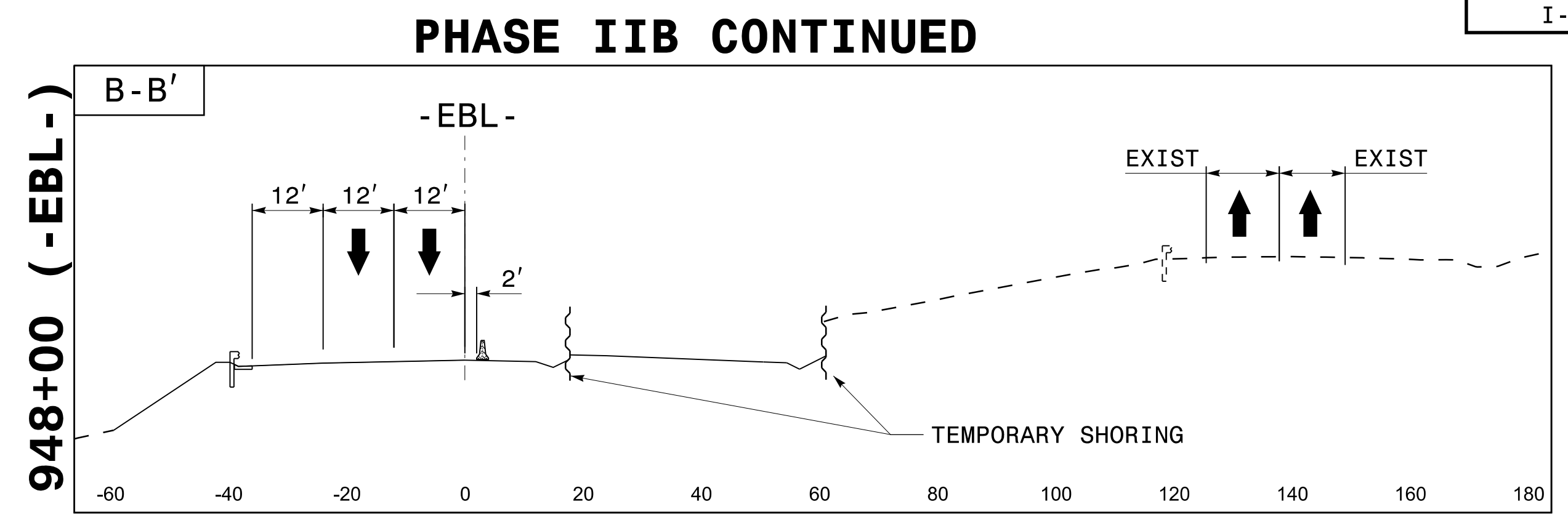
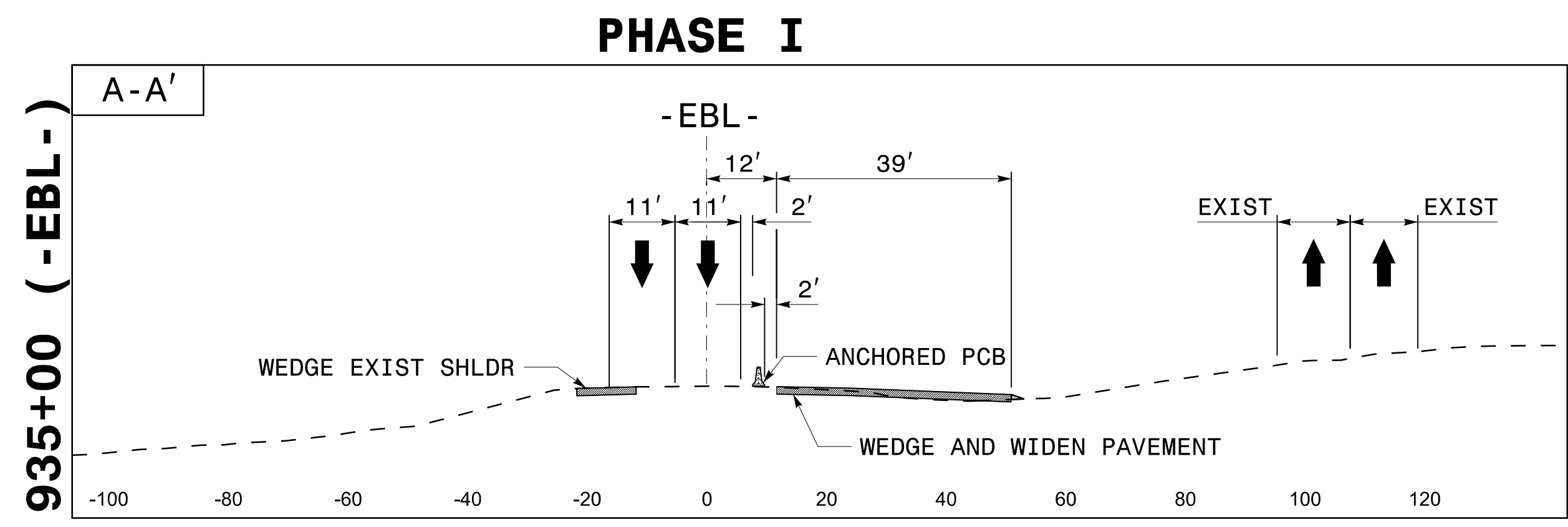
APPROVED:   
DATE: 3/1/2019  
SEAL:



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 3 PHASE IV DETAIL 5**

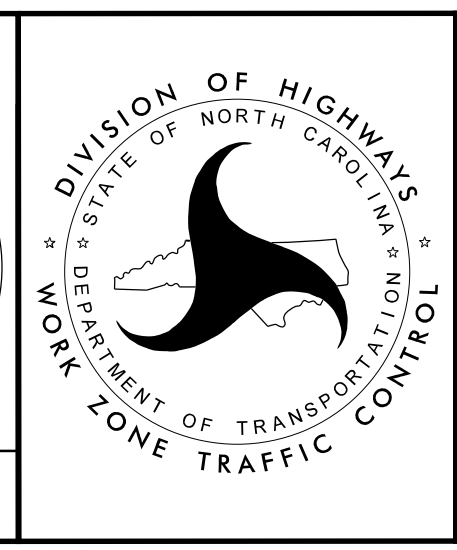
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



28-FEB-2019 13:44  
I-4700A-TC-TMP-A3-CUT.dgn  
HNTB

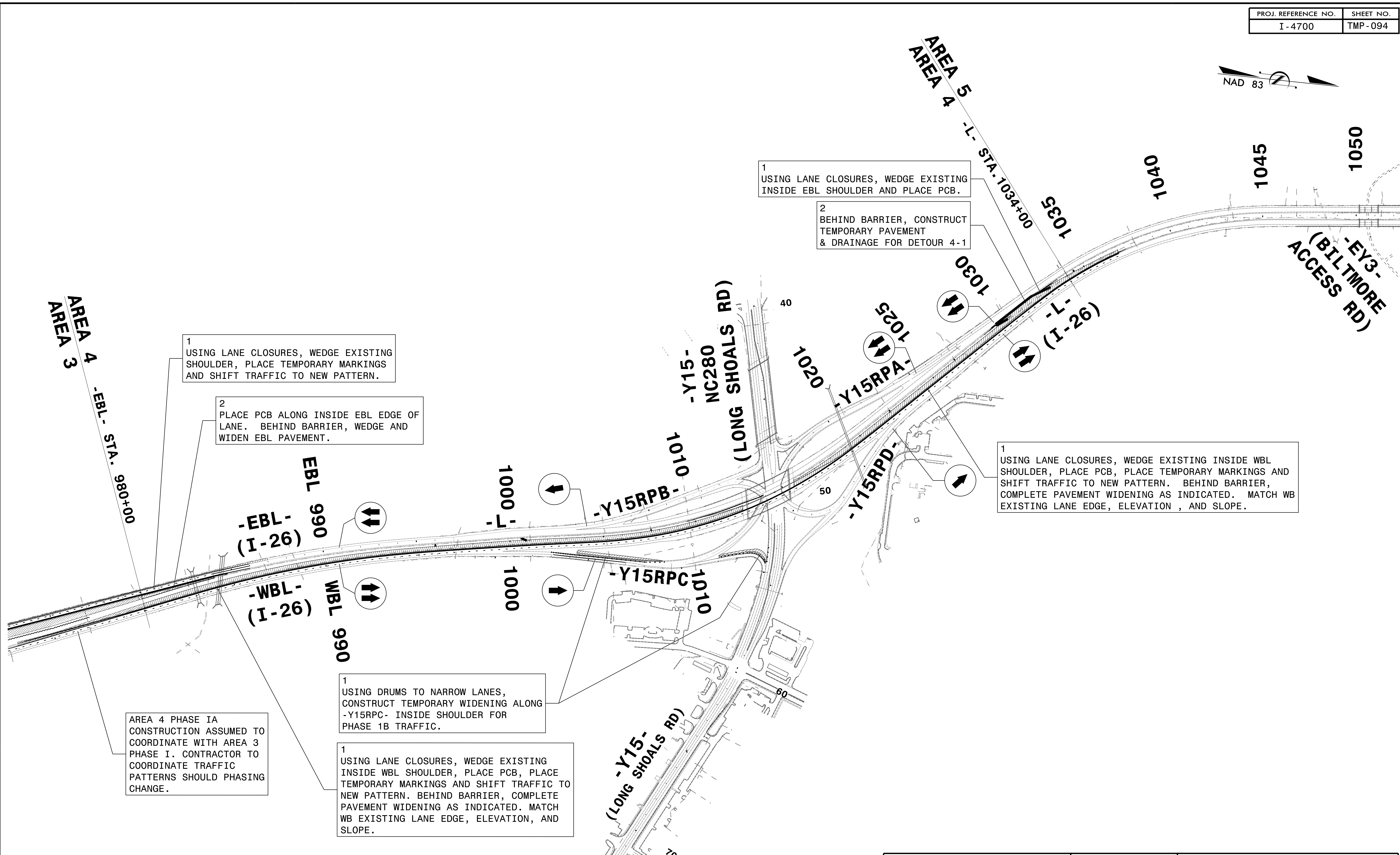
**HNTB**  
HNTB NORTH CAROLINA, P.C.  
343 E. Six Forks Road, Suite 200  
Raleigh, North Carolina 27609  
NC License No: C-1554

APPROVED: Dezek Eugene Vap  
DATE: 3/1/2019  
SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
DEZEK EUGENE VAP  
SEAL 047639



TRANSPORTATION  
MANAGEMENT PLAN  
  
AREA 3  
PHASE I, II, III  
& IV CUT SECTIONS

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



1  
USING LANE CLOSURES, WEDGE EXISTING SHOULDER, PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN.

2  
PLACE PCB ALONG INSIDE EBL EDGE OF LANE. BEHIND BARRIER, WEDGE AND WIDEN EBL PAVEMENT.

1  
USING LANE CLOSURES, WEDGE EXISTING INSIDE EBL SHOULDER AND PLACE PCB.

2  
BEHIND BARRIER, CONSTRUCT TEMPORARY PAVEMENT & DRAINAGE FOR DETOUR 4-1

1  
USING LANE CLOSURES, WEDGE EXISTING INSIDE WBL SHOULDER, PLACE PCB, PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN. BEHIND BARRIER, COMPLETE PAVEMENT WIDENING AS INDICATED. MATCH WB EXISTING LANE EDGE, ELEVATION, AND SLOPE.

1  
USING DRUMS TO NARROW LANES, CONSTRUCT TEMPORARY WIDENING ALONG -Y15RPC- INSIDE SHOULDER FOR PHASE 1B TRAFFIC.

1  
USING LANE CLOSURES, WEDGE EXISTING INSIDE WBL SHOULDER, PLACE PCB, PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN. BEHIND BARRIER, COMPLETE PAVEMENT WIDENING AS INDICATED. MATCH WB EXISTING LANE EDGE, ELEVATION, AND SLOPE.

AREA 4 PHASE IA CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE I. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

28-FEB-2019 13:44  
I:\700A\_Tc\_A4Pca\_0V.dgn  
HNTB

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

APPROVED: *Derek Eugene Vap*  
DATE: 3/1/2019

SEAL

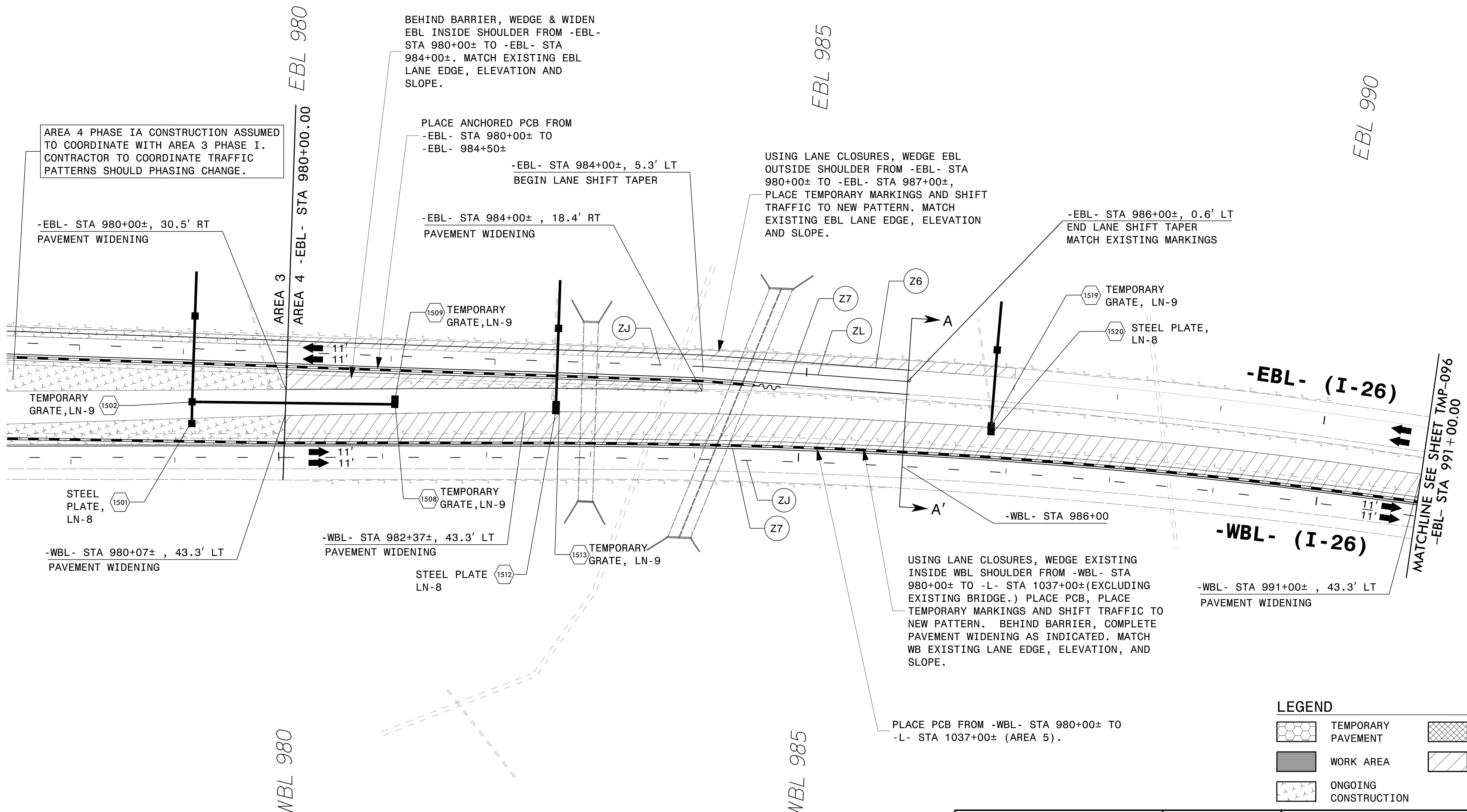
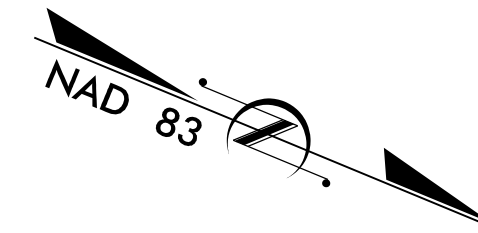
SEAL 047639  
ENGINEER  
DEREK EUGENE VAP

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



TRANSPORTATION  
MANAGEMENT PLAN

AREA 4  
PHASE IA  
OVERVIEW



AREA 4 PHASE IA CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE I. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

-EBL- STA 980+00±, 30.5' RT PAVEMENT WIDENING

BEHIND BARRIER, WEDGE & WIDEN EBL INSIDE SHOULDER FROM -EBL- STA 980+00± TO -EBL- STA 984+00±. MATCH EXISTING EBL LANE EDGE, ELEVATION AND SLOPE.

PLACE ANCHORED PCB FROM -EBL- STA 980+00± TO -EBL- 984+50±

-EBL- STA 984+00±, 5.3' LT BEGIN LANE SHIFT TAPER

USING LANE CLOSURES, WEDGE EBL OUTSIDE SHOULDER FROM -EBL- STA 980+00± TO -EBL- STA 987+00±, PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN. MATCH EXISTING EBL LANE EDGE, ELEVATION AND SLOPE.

-EBL- STA 986+00±, 0.6' LT END LANE SHIFT TAPER MATCH EXISTING MARKINGS

TEMPORARY GRATE, LN-9 (1502)

STEEL PLATE, LN-8 (1501)

-WBL- STA 980+07±, 43.3' LT PAVEMENT WIDENING

TEMPORARY GRATE, LN-9 (1509)

TEMPORARY GRATE, LN-9 (1508)

-WBL- STA 982+37±, 43.3' LT PAVEMENT WIDENING

STEEL PLATE LN-8 (1512)

TEMPORARY GRATE, LN-9 (1513)

USING LANE CLOSURES, WEDGE EXISTING INSIDE WBL SHOULDER FROM -WBL- STA 980+00± TO -L- STA 1037+00± (EXCLUDING EXISTING BRIDGE.) PLACE PCB, PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN. BEHIND BARRIER, COMPLETE PAVEMENT WIDENING AS INDICATED. MATCH WB EXISTING LANE EDGE, ELEVATION, AND SLOPE.

PLACE PCB FROM -WBL- STA 980+00± TO -L- STA 1037+00± (AREA 5).

TEMPORARY GRATE, LN-9 (1519)

STEEL PLATE, LN-8 (1520)

-WBL- (I-26)

-EBL- (I-26)

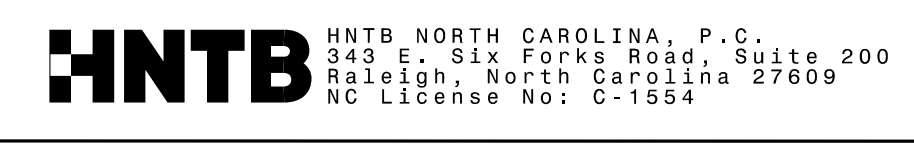
MATCHLINE SEE SHEET TMP-096 -EBL- STA 991+00.00

**LEGEND**

- TEMPORARY PAVEMENT
- WORK AREA
- ONGOING CONSTRUCTION
- REMOVAL
- WEDGE / WIDEN

28-FEB-2019 13:44  
I:\700A\_Tc\_A4P\d1.dgn  
HNTB

REFER TO SHEETS TMP-154 - TMP-156 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.

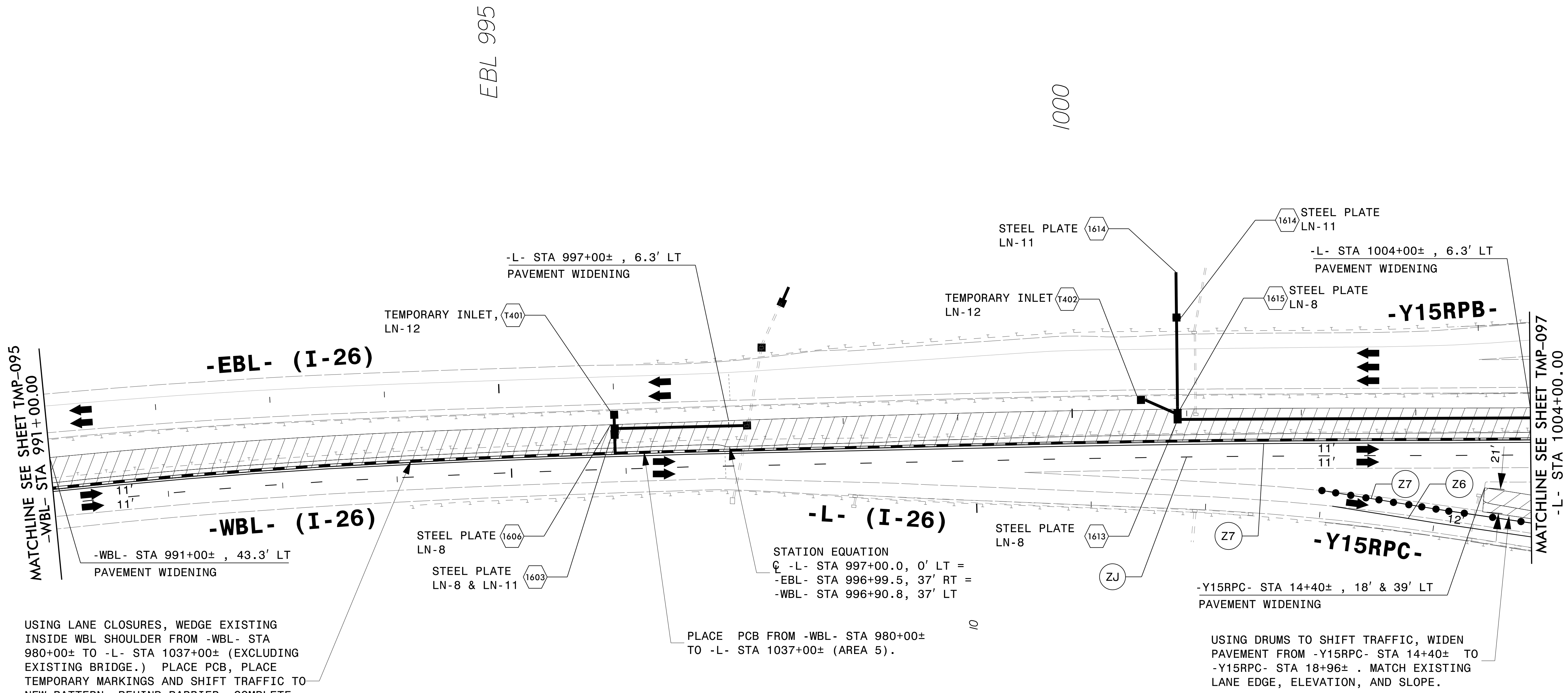
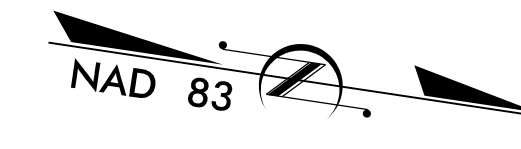


APPROVED: *Derek Eugene Vap*  
DATE: 3/1/2019  
SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
DEKREK EUGENE VAP  
047639



TRANSPORTATION MANAGEMENT PLAN  
**AREA 4 PHASE IA DETAIL 1**

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



USING LANE CLOSURES, WEDGE EXISTING INSIDE WBL SHOULDER FROM -WBL- STA 980+00± TO -L- STA 1037+00± (EXCLUDING EXISTING BRIDGE.) PLACE PCB, PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN. BEHIND BARRIER, COMPLETE PAVEMENT WIDENING AS INDICATED. MATCH WB EXISTING LANE EDGE, ELEVATION, AND SLOPE.

STATION EQUATION  
 L- STA 997+00.0, 0' LT =  
 EBL- STA 996+99.5, 37' RT =  
 WBL- STA 996+90.8, 37' LT =

PLACE PCB FROM -WBL- STA 980+00± TO -L- STA 1037+00± (AREA 5).

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:44  
I:\700A\_Tc\_A4P\ad2.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.



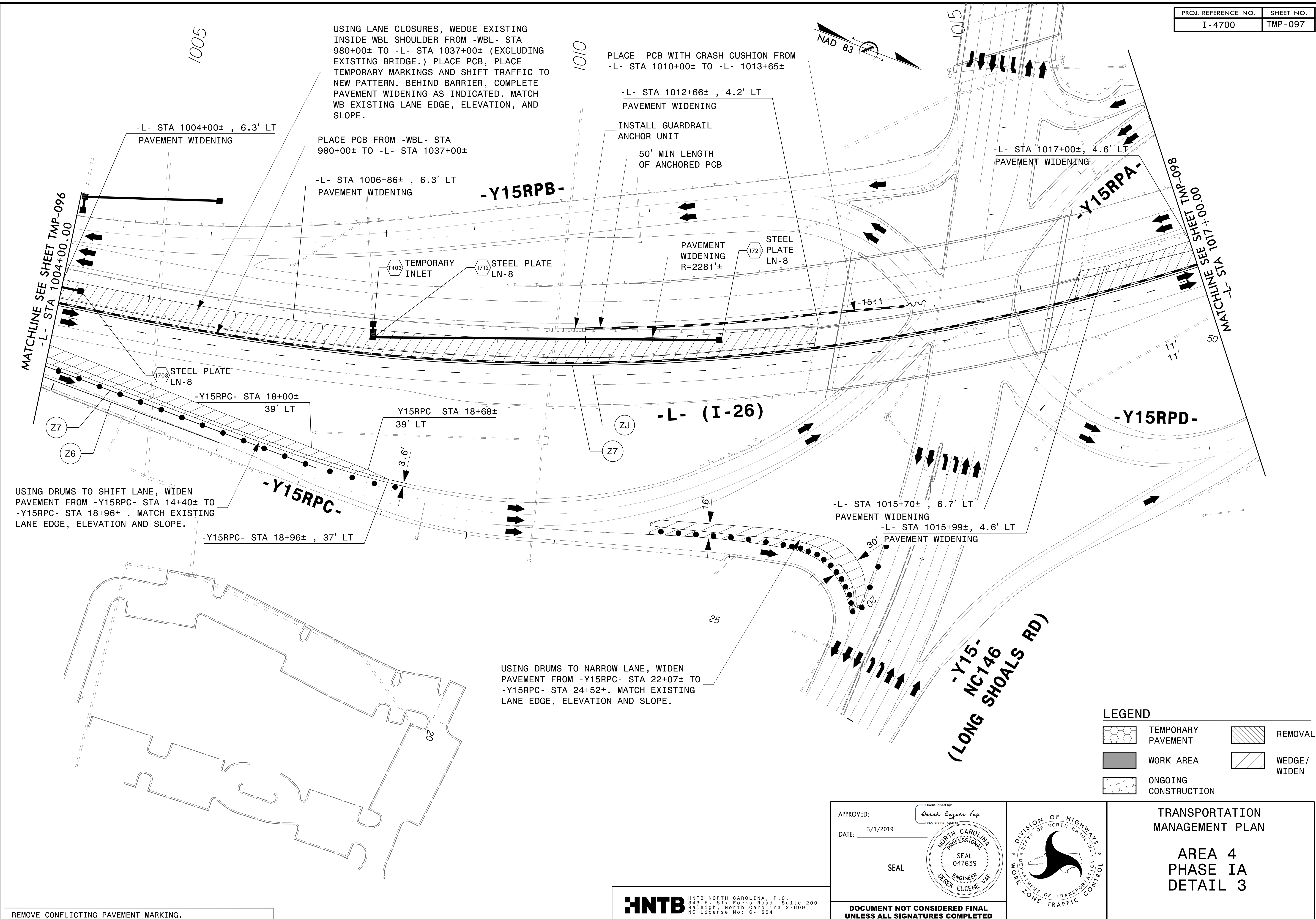
APPROVED:   
 DATE: 3/1/2019  
 SEAL:



**TRANSPORTATION  
 MANAGEMENT PLAN**

**AREA 4  
 PHASE IA  
 DETAIL 2**

**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**



1005

-L- STA 1004+00± , 6.3' LT  
PAVEMENT WIDENING

USING LANE CLOSURES, WEDGE EXISTING INSIDE WBL SHOULDER FROM -WBL- STA 980+00± TO -L- STA 1037+00± (EXCLUDING EXISTING BRIDGE.) PLACE PCB, PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN. BEHIND BARRIER, COMPLETE PAVEMENT WIDENING AS INDICATED. MATCH WB EXISTING LANE EDGE, ELEVATION, AND SLOPE.

PLACE PCB FROM -WBL- STA 980+00± TO -L- STA 1037+00±

-L- STA 1006+86± , 6.3' LT  
PAVEMENT WIDENING

**-Y15RPB-**

PLACE PCB WITH CRASH CUSHION FROM -L- STA 1010+00± TO -L- 1013+65±

-L- STA 1012+66± , 4.2' LT  
PAVEMENT WIDENING

INSTALL GUARDRAIL ANCHOR UNIT

50' MIN LENGTH OF ANCHORED PCB

-L- STA 1017+00± , 4.6' LT  
PAVEMENT WIDENING

**-Y15RPA-**

MATCHLINE SEE SHEET TMP-096  
-L- STA 1004+00.00

MATCHLINE SEE SHEET TMP-101  
-L- STA 1017+00.00

USING DRUMS TO SHIFT LANE, WIDEN PAVEMENT FROM -Y15RPC- STA 14+40± TO -Y15RPC- STA 18+96± . MATCH EXISTING LANE EDGE, ELEVATION AND SLOPE.

-Y15RPC- STA 18+00±  
39' LT

-Y15RPC- STA 18+68±  
39' LT

-Y15RPC- STA 18+96± , 37' LT

**-Y15RPC-**

**-L- (I-26)**

**-Y15RPD-**

-L- STA 1015+70± , 6.7' LT  
PAVEMENT WIDENING

-L- STA 1015+99± , 4.6' LT  
PAVEMENT WIDENING

USING DRUMS TO NARROW LANE, WIDEN PAVEMENT FROM -Y15RPC- STA 22+07± TO -Y15RPC- STA 24+52±. MATCH EXISTING LANE EDGE, ELEVATION AND SLOPE.

**-Y15- NC146 (LONG SHOALS RD)**

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:45  
I4700A\_Tc\_A4Pc03.dgn  
HNTB

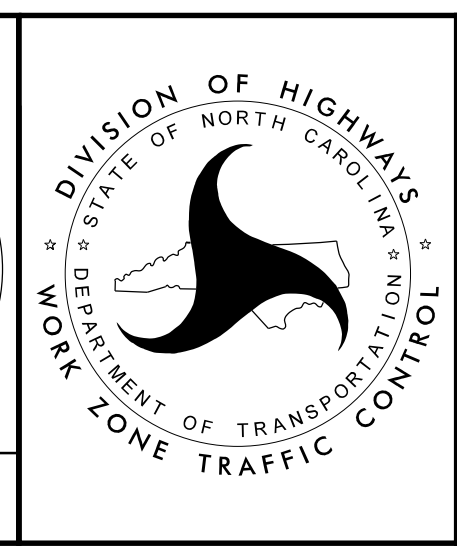
REMOVE CONFLICTING PAVEMENT MARKING.

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

APPROVED:   
DATE: 3/1/2019

SEAL

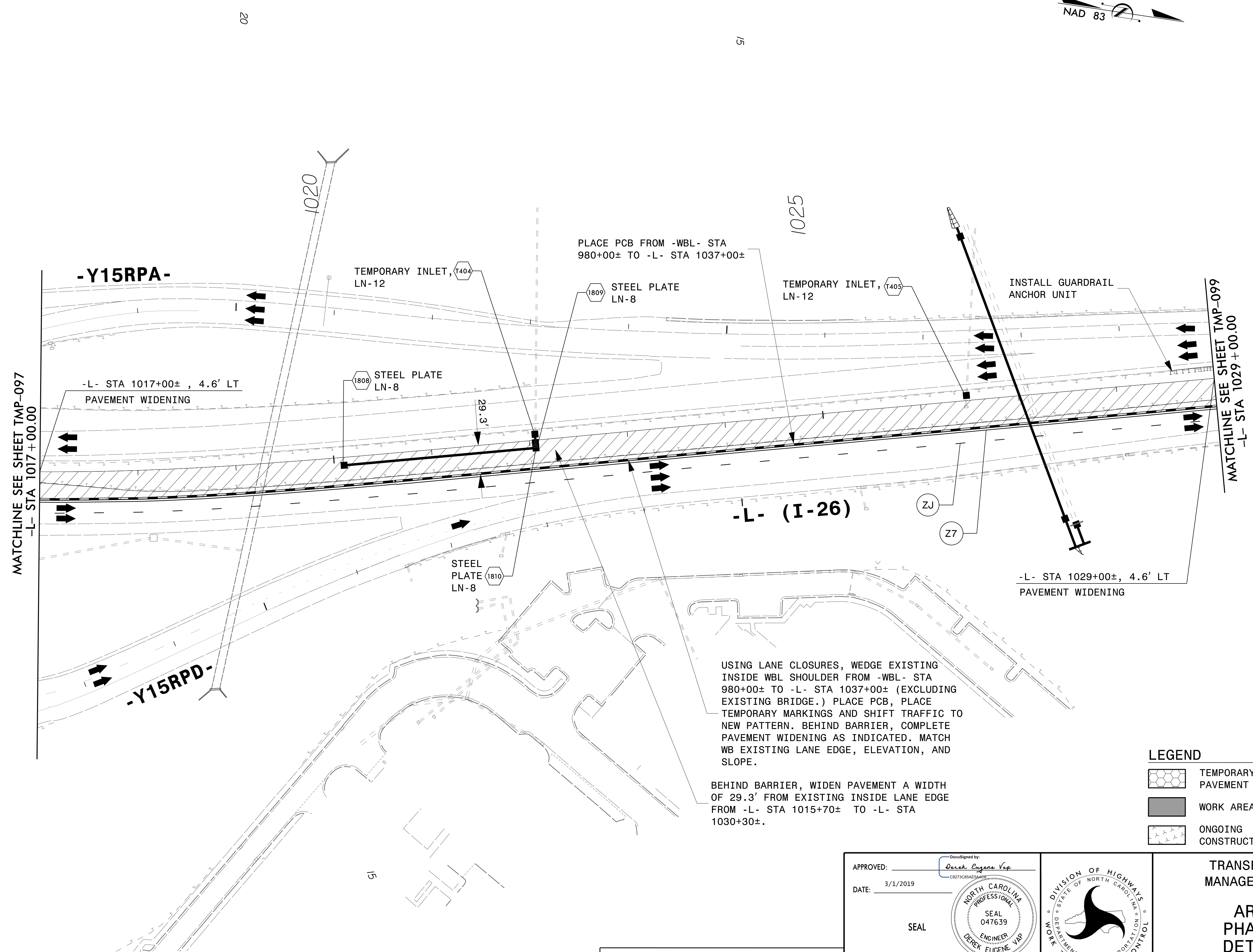
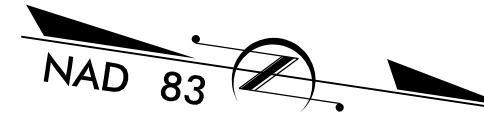
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 4  
PHASE IA  
DETAIL 3**





PLACE PCB FROM -WBL- STA 980+00± TO -L- STA 1037+00±

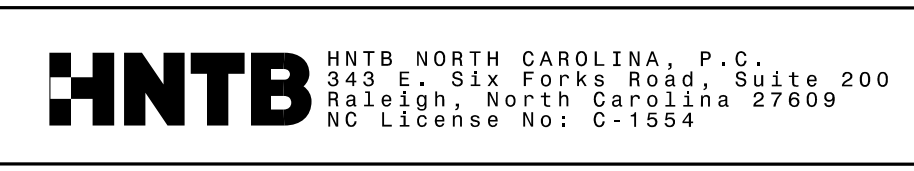
USING LANE CLOSURES, WEDGE EXISTING INSIDE WBL SHOULDER FROM -WBL- STA 980+00± TO -L- STA 1037+00± (EXCLUDING EXISTING BRIDGE.) PLACE PCB, PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN. BEHIND BARRIER, COMPLETE PAVEMENT WIDENING AS INDICATED. MATCH WB EXISTING LANE EDGE, ELEVATION, AND SLOPE.

BEHIND BARRIER, WIDEN PAVEMENT A WIDTH OF 29.3' FROM EXISTING INSIDE LANE EDGE FROM -L- STA 1015+70± TO -L- STA 1030+30±.

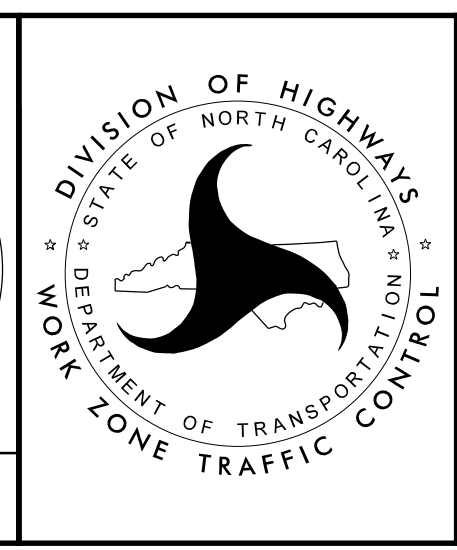
**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REMOVE CONFLICTING PAVEMENT MARKING.



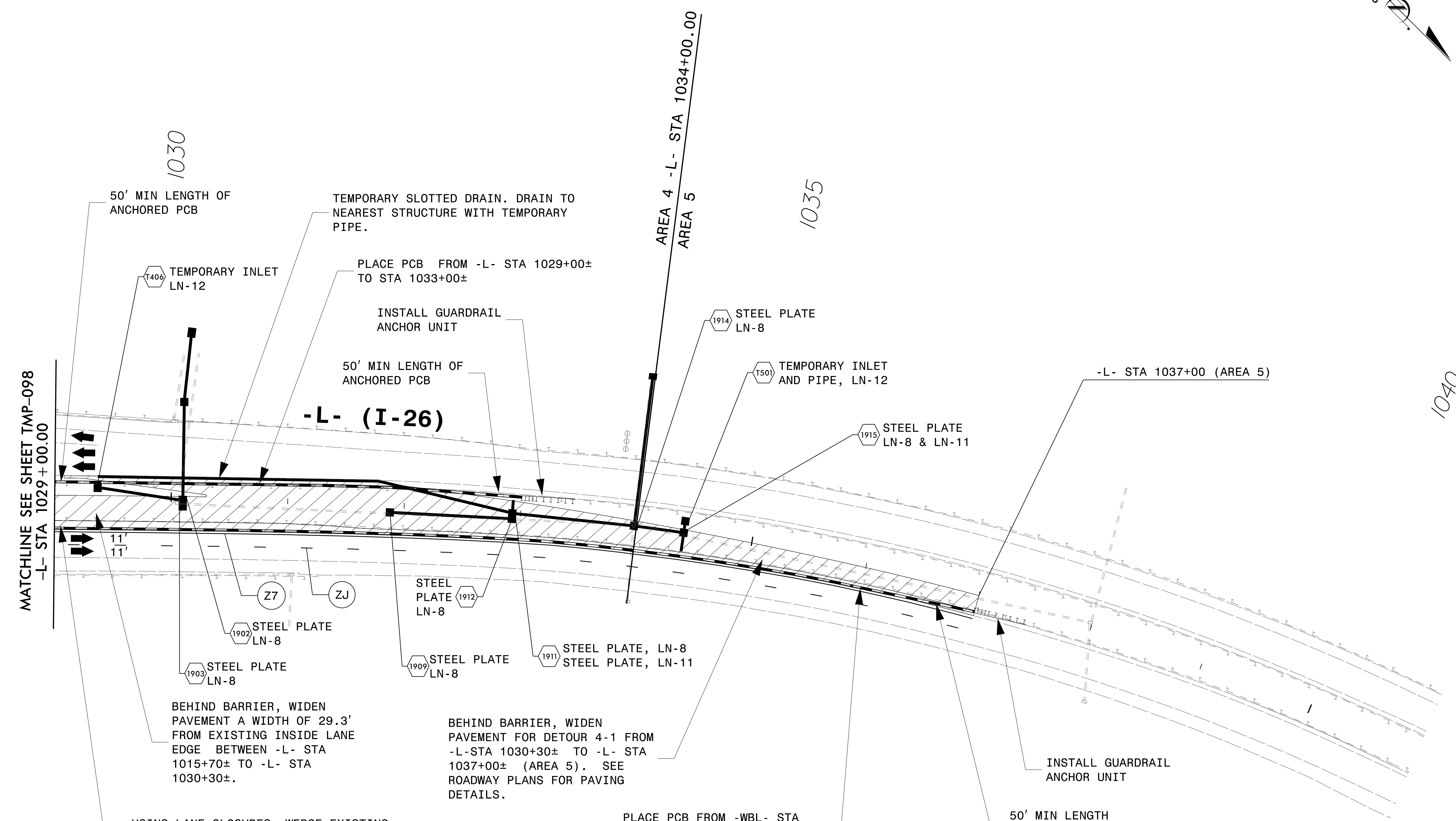
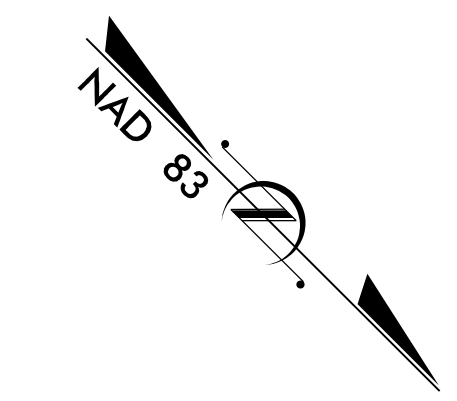
APPROVED: *Devek Eugene Vap*  
 DATE: 3/1/2019  
 SEAL: 047639  
 ENGINEER: DEVEK EUGENE VAP



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 4  
 PHASE IA  
 DETAIL 4**

28-FEB-2019 13:45  
 I4700A\_Tc\_A4Pcb04.dgn  
 HNTB



MATCHLINE SEE SHEET TMP-098  
-L- STA 1029+00.00

1030

50' MIN LENGTH OF ANCHORED PCB

TEMPORARY SLOTTED DRAIN. DRAIN TO NEAREST STRUCTURE WITH TEMPORARY PIPE.

PLACE PCB FROM -L- STA 1029+00± TO STA 1033+00±

INSTALL GUARDRAIL ANCHOR UNIT

50' MIN LENGTH OF ANCHORED PCB

-L- (I-26)

AREA 4 -L- STA 1034+00.00  
AREA 5

1035

STEEL PLATE LN-8 (1914)

TEMPORARY INLET AND PIPE, LN-12 (T400)

STEEL PLATE LN-8 & LN-11 (1915)

-L- STA 1037+00 (AREA 5)

11' 11'

STEEL PLATE LN-8 (1902)

STEEL PLATE LN-8 (1903)

STEEL PLATE LN-8 (1909)

STEEL PLATE LN-8 (1912)

STEEL PLATE LN-8 (1911)

STEEL PLATE, LN-8  
STEEL PLATE, LN-11

BEHIND BARRIER, WIDEN PAVEMENT A WIDTH OF 29.3' FROM EXISTING INSIDE LANE EDGE BETWEEN -L- STA 1015+70± TO -L- STA 1030+30±.

BEHIND BARRIER, WIDEN PAVEMENT FOR DETOUR 4-1 FROM -L- STA 1030+30± TO -L- STA 1037+00± (AREA 5). SEE ROADWAY PLANS FOR PAVING DETAILS.

PLACE PCB FROM -WBL- STA 980+00± TO -L- STA 1037+00±

INSTALL GUARDRAIL ANCHOR UNIT

50' MIN LENGTH OF ANCHORED PCB

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

USING LANE CLOSURES, WEDGE EXISTING INSIDE WBL SHOULDER FROM -WBL- STA 980+00± TO -L- STA 1037+00± (EXCLUDING EXISTING BRIDGE.) PLACE PCB, PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN. BEHIND BARRIER, COMPLETE PAVEMENT WIDENING AS INDICATED. MATCH WB EXISTING LANE EDGE, ELEVATION, AND SLOPE.

REFER TO SHEETS 2B-10 THRU 2B-24 FOR DETOUR(S).

REMOVE CONFLICTING PAVEMENT MARKING.

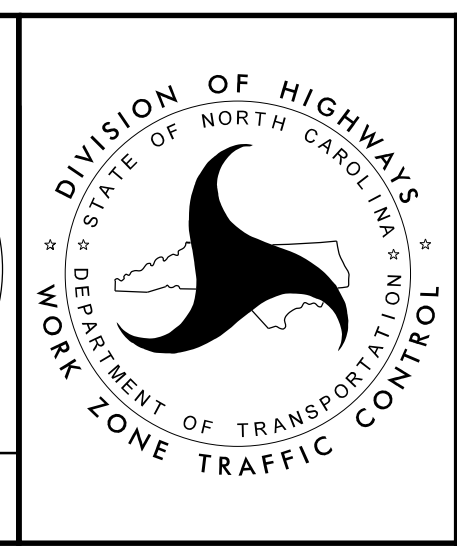


APPROVED:

DATE: 3/1/2019

SEAL

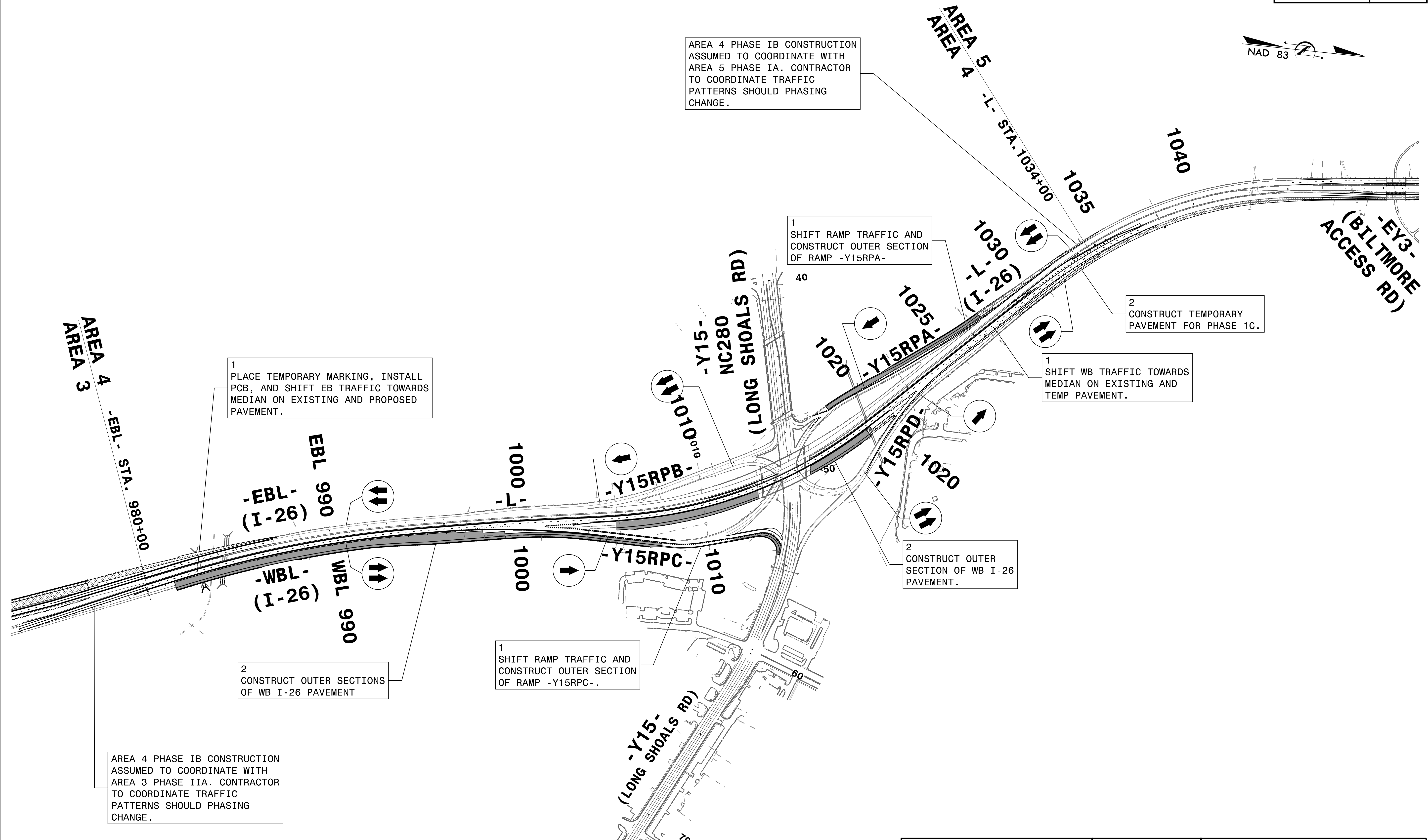
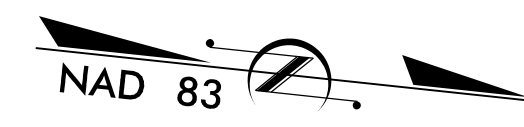
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 4  
PHASE IA  
DETAIL 5**

28-FEB-2019 13:45  
I4700A\_Tc\_A4Pcb05.dgn  
HNTB



AREA 4 PHASE IB CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 5 PHASE IA. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

1 SHIFT RAMP TRAFFIC AND CONSTRUCT OUTER SECTION OF RAMP -Y15RPA-

2 CONSTRUCT TEMPORARY PAVEMENT FOR PHASE 1C.

1 SHIFT WB TRAFFIC TOWARDS MEDIAN ON EXISTING AND TEMP PAVEMENT.

2 CONSTRUCT OUTER SECTION OF WB I-26 PAVEMENT.

1 SHIFT RAMP TRAFFIC AND CONSTRUCT OUTER SECTION OF RAMP -Y15RPC-

1 PLACE TEMPORARY MARKING, INSTALL PCB, AND SHIFT EB TRAFFIC TOWARDS MEDIAN ON EXISTING AND PROPOSED PAVEMENT.

2 CONSTRUCT OUTER SECTIONS OF WB I-26 PAVEMENT

AREA 4 PHASE IB CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE IIA. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

28-FEB-2019 13:45  
I4700A\_Tc\_A4Pb\_0V.dgn  
HNTB

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

APPROVED: Derek Eugene Vap  
DATE: 3/1/2019

SEAL

DocuSigned by:  
Derek Eugene Vap  
C8273C85A5E9462

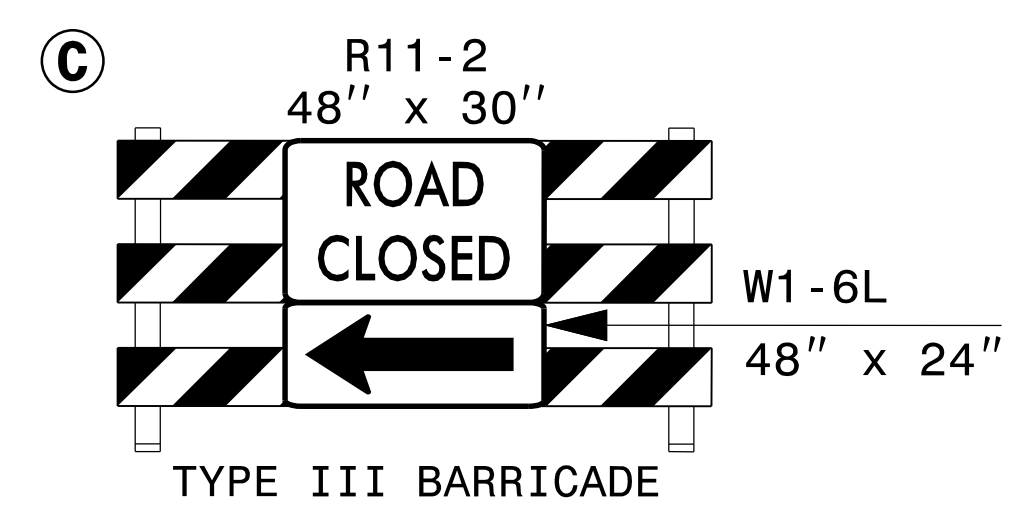
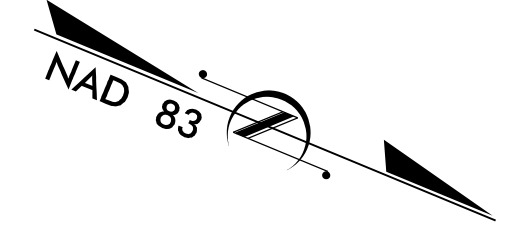
**NORTH CAROLINA**  
PROFESSIONAL  
SEAL  
047639  
ENGINEER  
DEREK EUGENE VAP

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

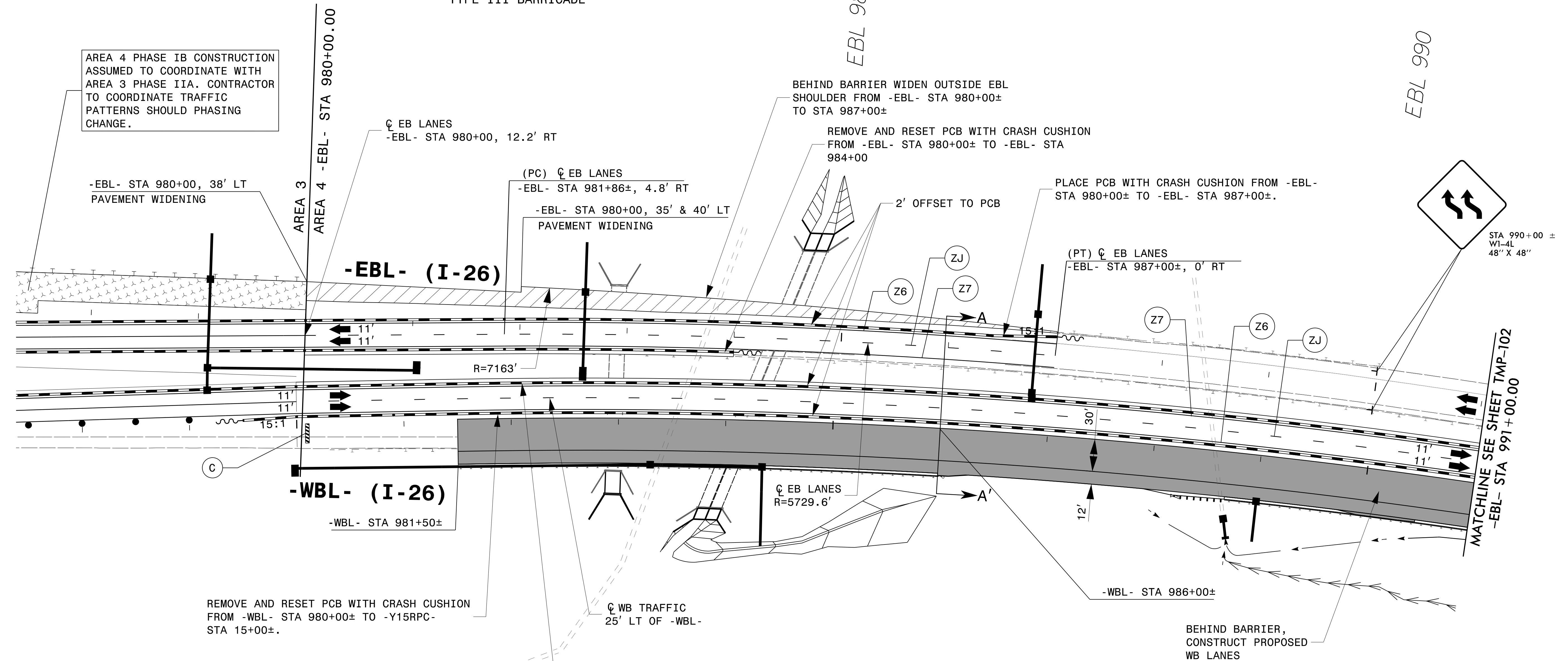


TRANSPORTATION  
MANAGEMENT PLAN

**AREA 4  
PHASE IB  
OVERVIEW**



AREA 4 PHASE IB CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE IIA. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.



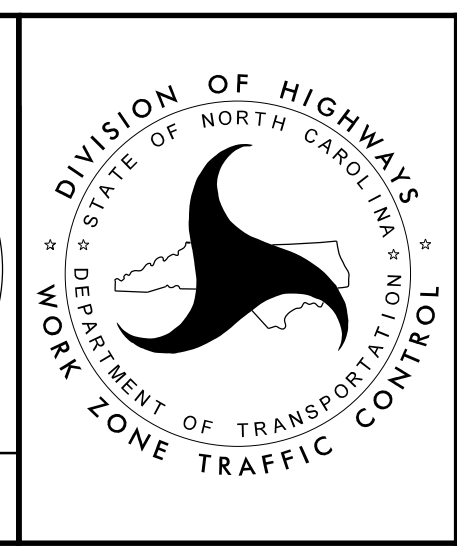
**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-154 - TMP-156 FOR CUT SECTION(S).  
 REMOVE CONFLICTING PAVEMENT MARKING.



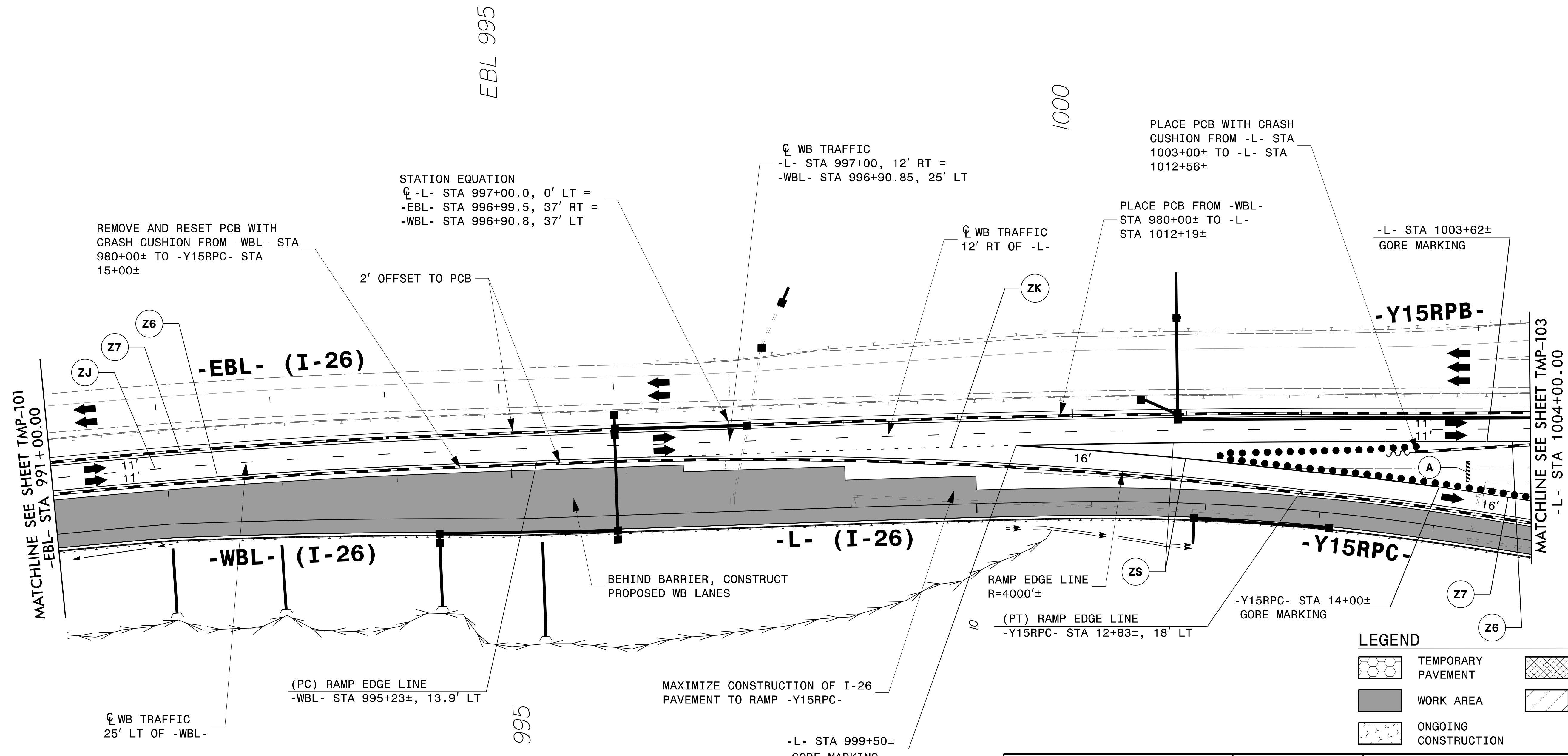
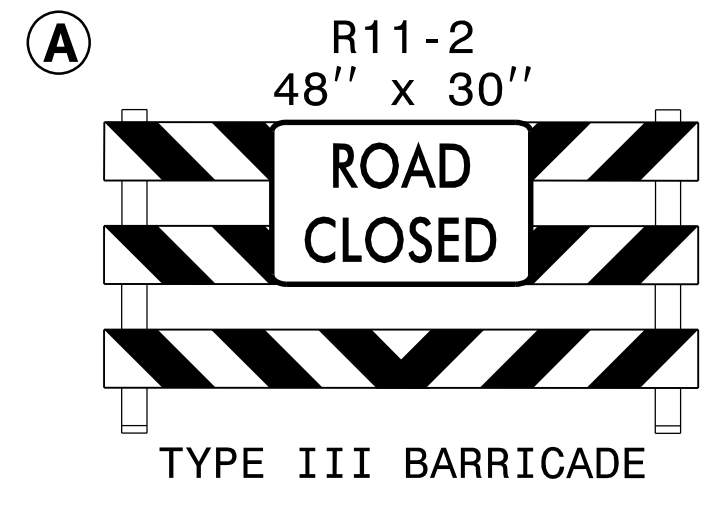
APPROVED: *Depek Eugene Vap*  
 DATE: 3/1/2019  
 SEAL



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 4 PHASE IB DETAIL 1**

28-FEB-2019 13:46  
I4700A\_Tc\_A4Pbbl.dgn  
HNTB

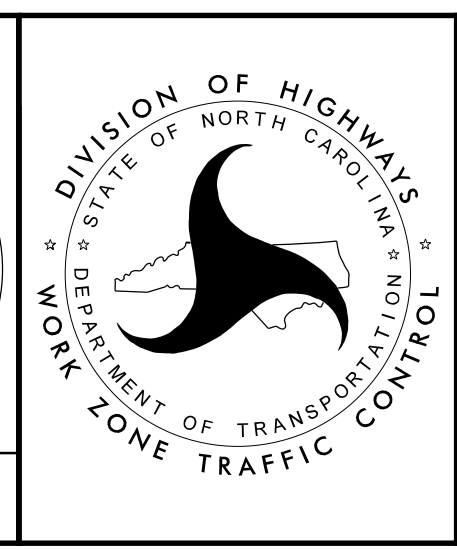


28-FEB-2019 13:46  
 I4700A\_Tc\_A4Pbd2.dgn  
 HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

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

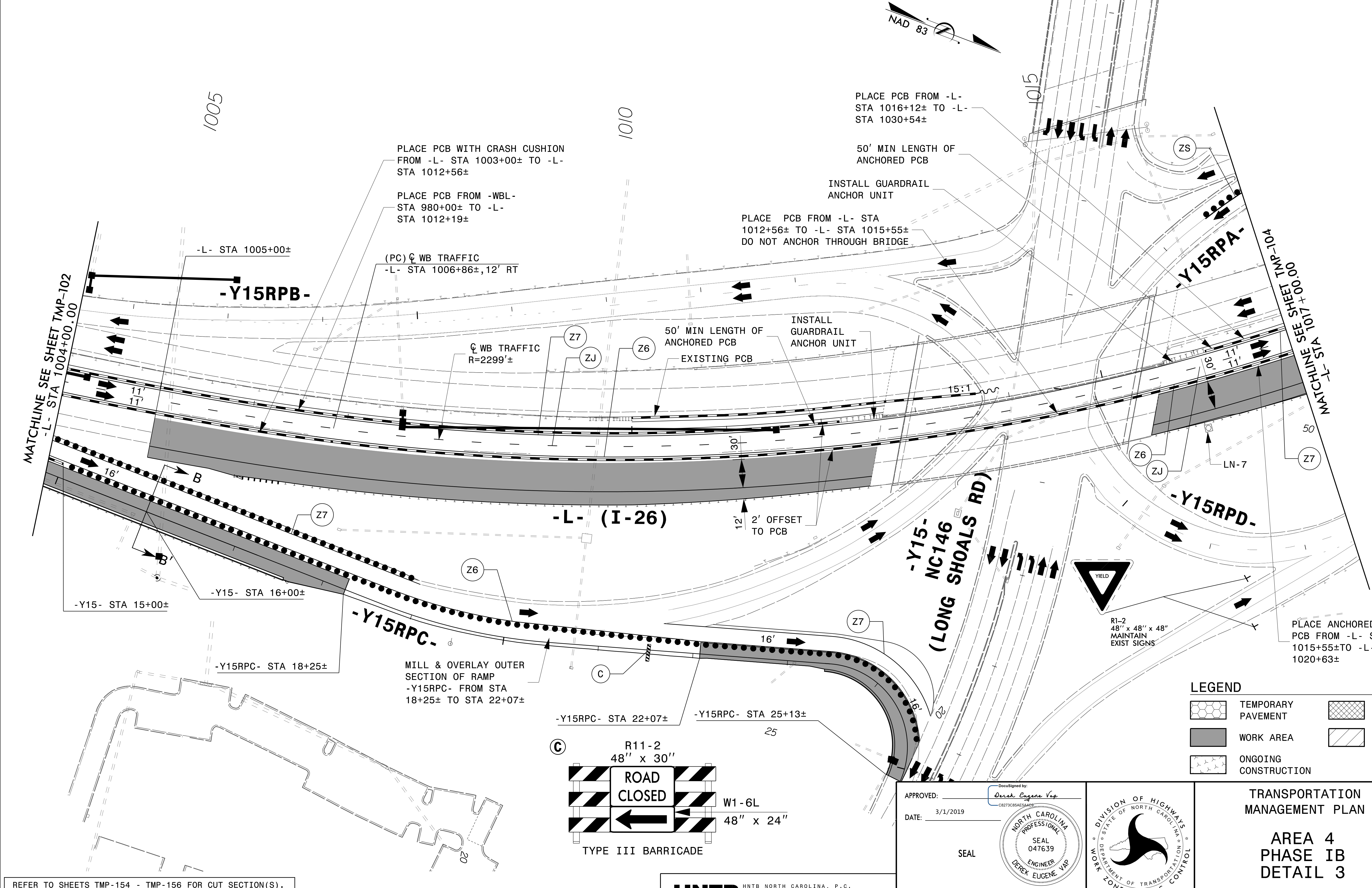
APPROVED: *Devek Eugene Vap*  
 DATE: 3/1/2019  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 DEVEK EUGENE VAP  
 047639



**TRANSPORTATION MANAGEMENT PLAN**

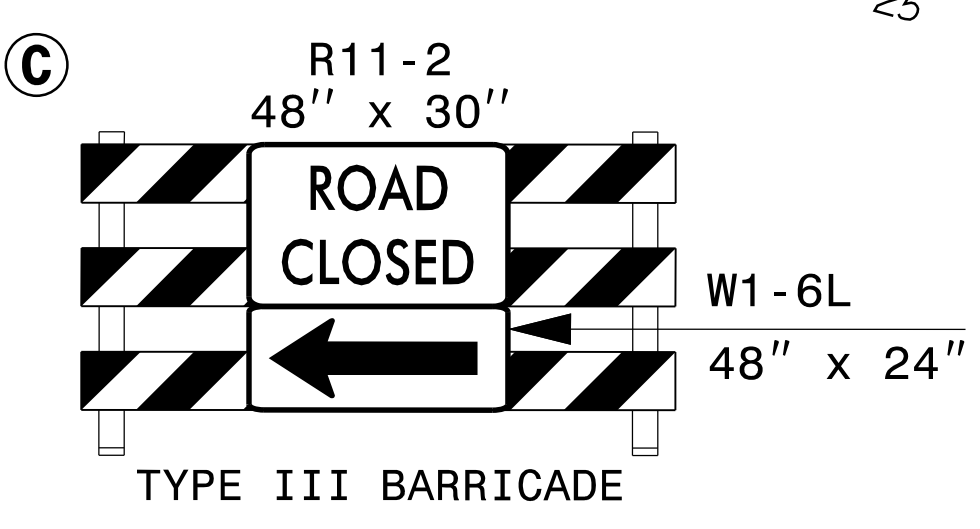
**AREA 4  
 PHASE IB  
 DETAIL 2**

**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**



**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		



APPROVED: *Derek Eugene Vap*

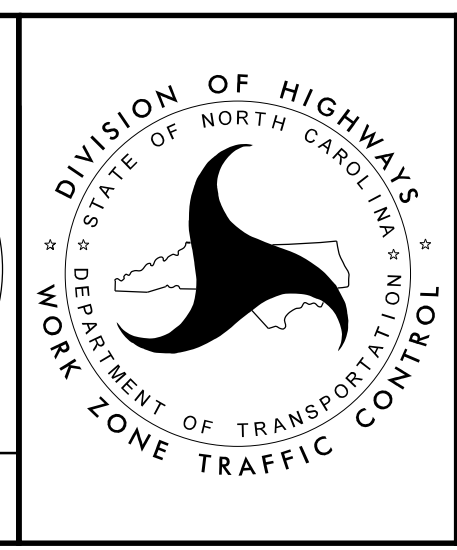
DATE: 3/1/2019

SEAL

DocuSigned by:  
Derek Eugene Vap  
C8273C85A5E5468

SEAL 047639  
ENGINEER  
DEREK EUGENE VAP

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



TRANSPORTATION MANAGEMENT PLAN

AREA 4  
PHASE 1B  
DETAIL 3

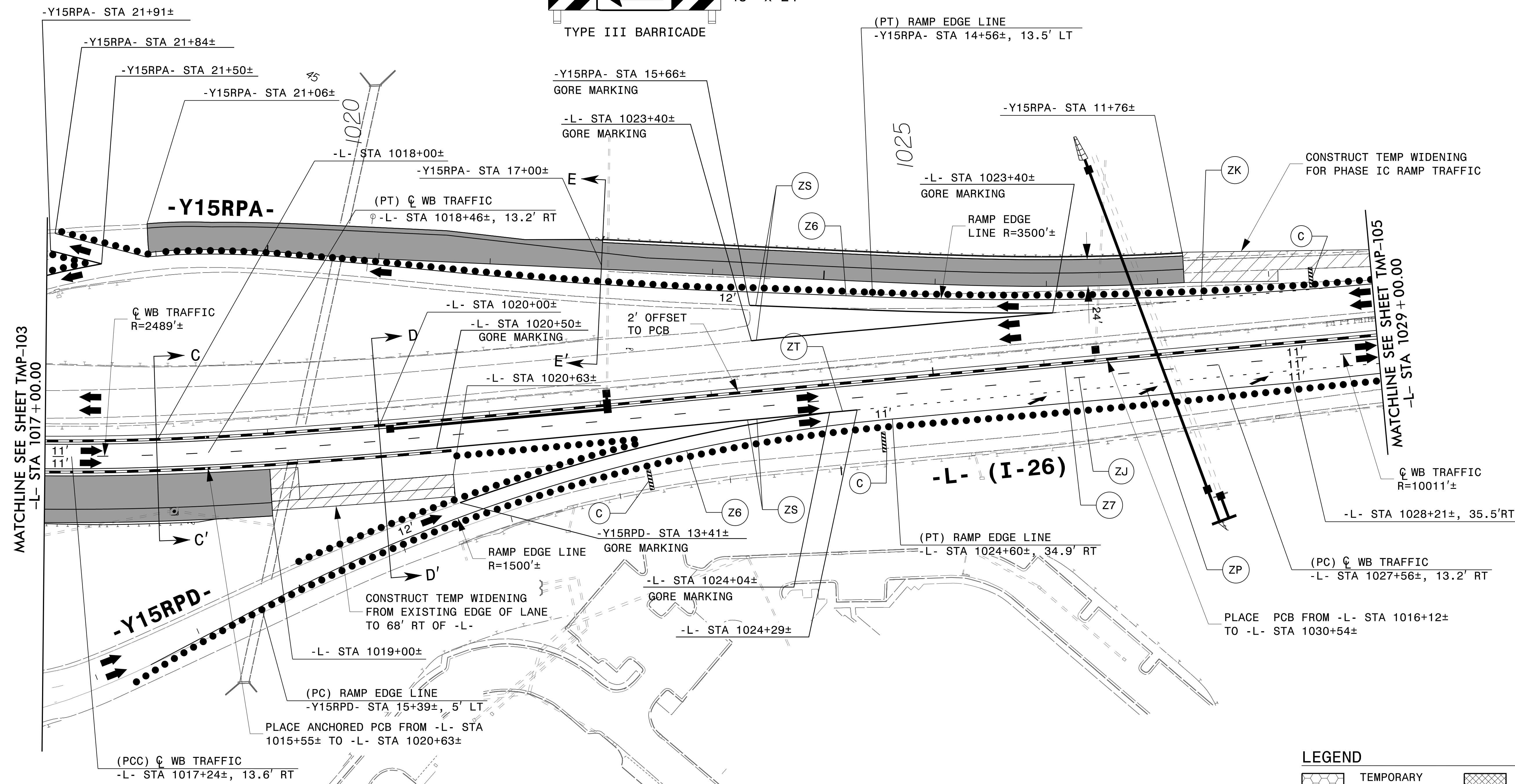
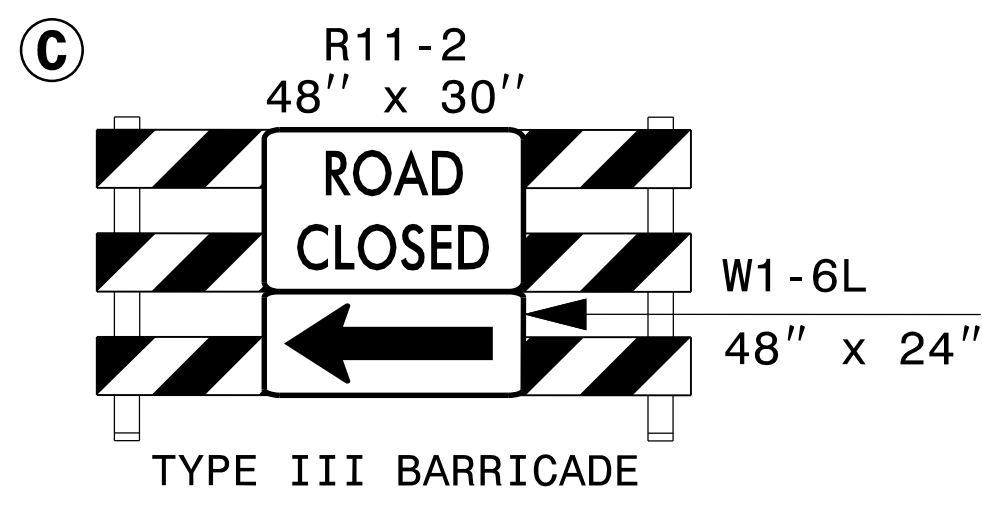
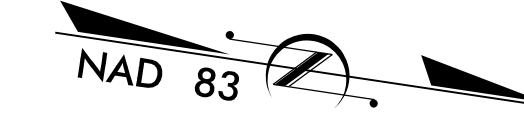
REFER TO SHEETS TMP-154 - TMP-156 FOR CUT SECTION(S).

REMOVE CONFLICTING PAVEMENT MARKING.

**HNTB**

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

28-FEB-2019 13:46  
I:\700A\_Tc\_A4PbD3.dgn  
HNTB



MATCHLINE SEE SHEET TMP-103  
-L- STA 1017+00.00

MATCHLINE SEE SHEET TMP-105  
-L- STA 1029+00.00

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-154 - TMP-156 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.

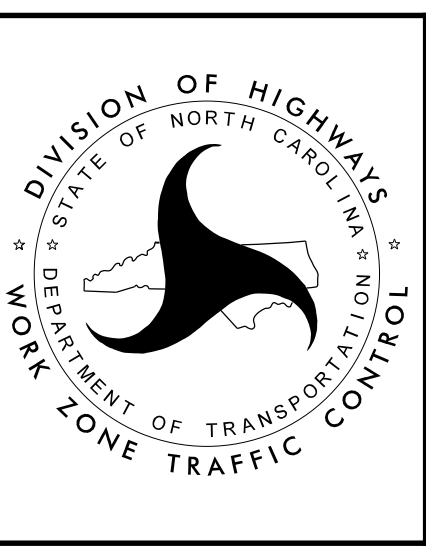


APPROVED: *Devek Eugene Vap*  
DATE: 3/1/2019

SEAL

**DEVEK EUGENE VAP**  
ENGINEER  
SEAL 047639  
NORTH CAROLINA PROFESSIONAL

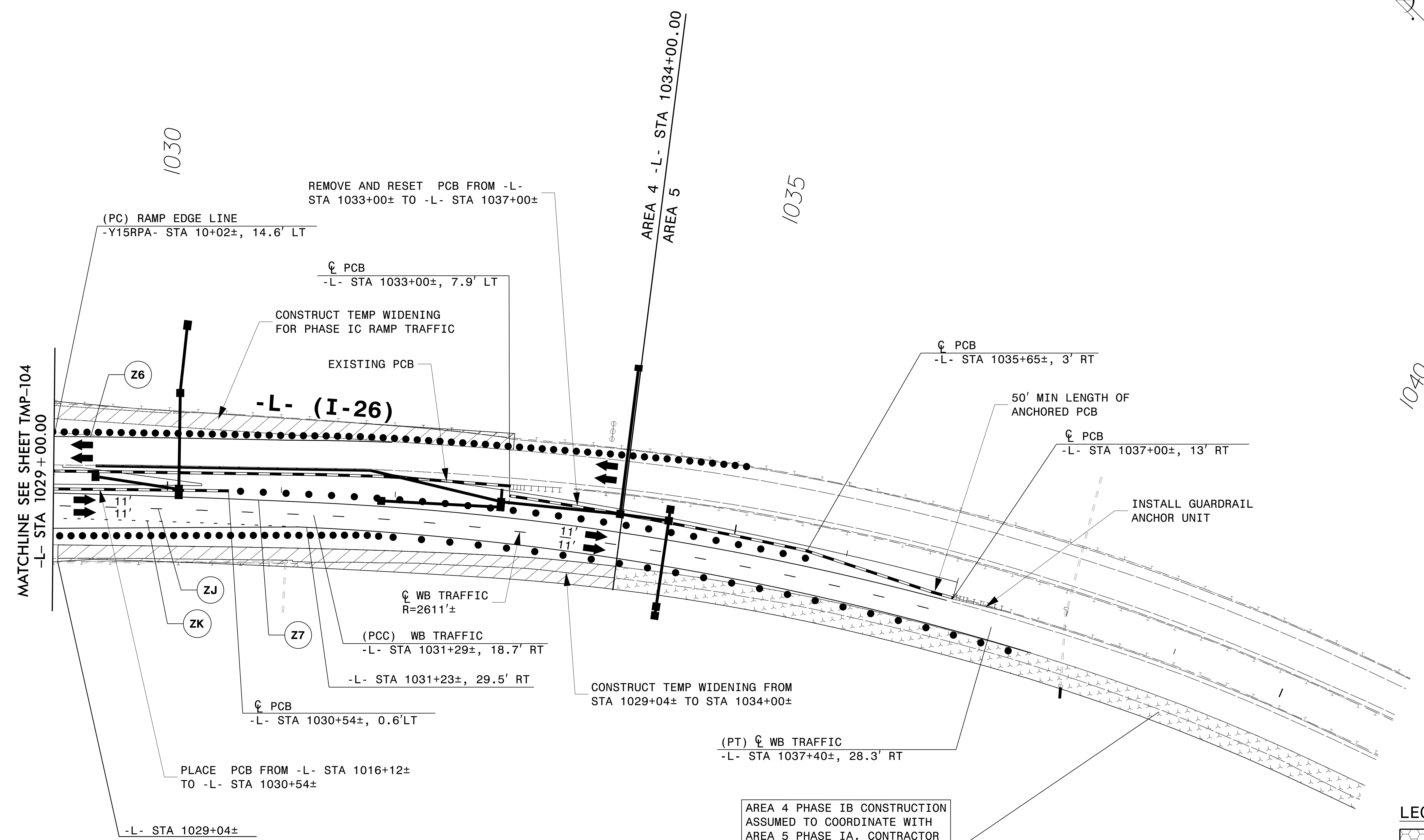
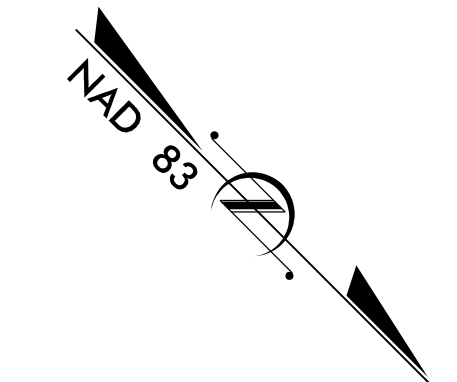
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 4  
PHASE IB  
DETAIL 4**

28-FEB-2019 13:46  
I4700A\_Tc\_A4PbD4.dgn  
HNTB



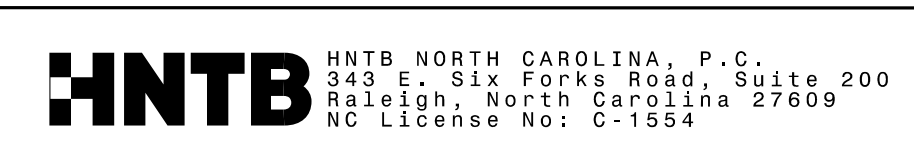
AREA 4 PHASE IB CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 5 PHASE IA. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

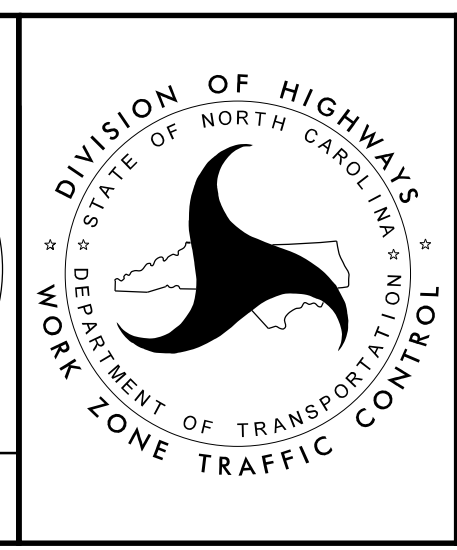
28-FEB-2019 13:47  
I:\700A\_Tc\_A4Pb05.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED:   
DATE: 3/1/2019  
SEAL:

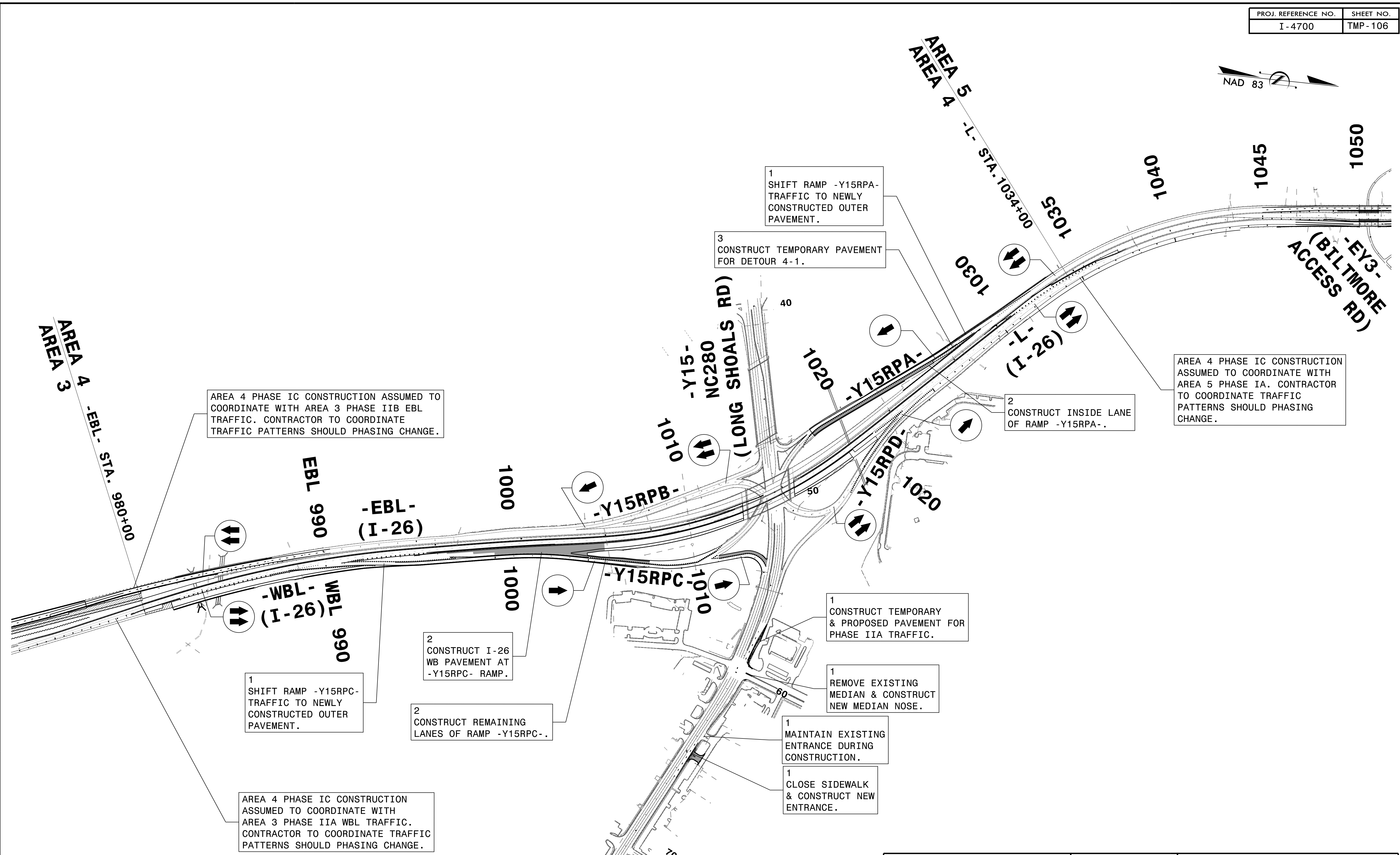
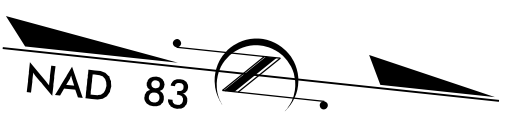
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 4 PHASE IB DETAIL 5**





AREA 4 PHASE IC CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE IIB EBL TRAFFIC. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

AREA 4 PHASE IC CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 5 PHASE IA. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

1 SHIFT RAMP -Y15RPC- TRAFFIC TO NEWLY CONSTRUCTED OUTER PAVEMENT.

2 CONSTRUCT I-26 WB PAVEMENT AT -Y15RPC- RAMP.

2 CONSTRUCT REMAINING LANES OF RAMP -Y15RPC-.

1 CONSTRUCT TEMPORARY & PROPOSED PAVEMENT FOR PHASE IIA TRAFFIC.

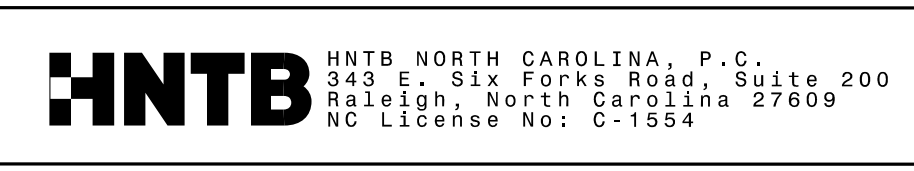
1 REMOVE EXISTING MEDIAN & CONSTRUCT NEW MEDIAN NOSE.

1 MAINTAIN EXISTING ENTRANCE DURING CONSTRUCTION.

1 CLOSE SIDEWALK & CONSTRUCT NEW ENTRANCE.

AREA 4 PHASE IC CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE IIA WBL TRAFFIC. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

28-FEB-2019 13:47  
I4700A\_Tc\_A4Pic\_0v.dgn  
HNTB



APPROVED: Derek Eugene Vap  
DATE: 3/1/2019

SEAL

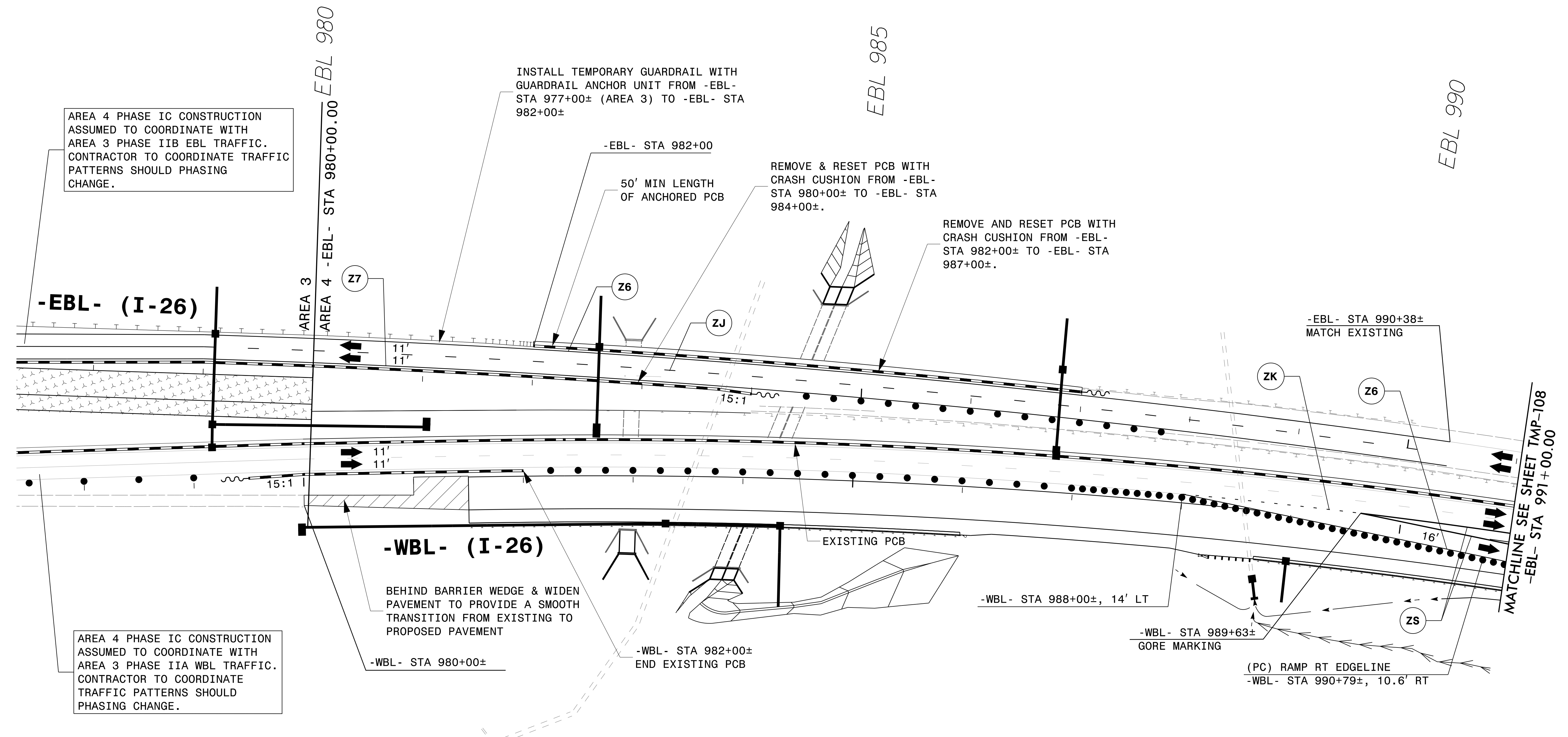
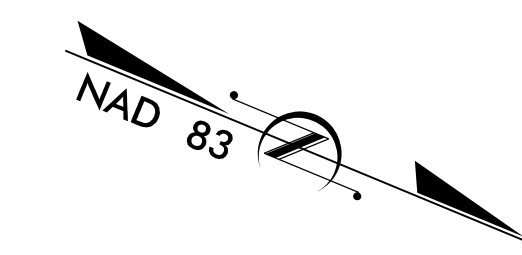
DocuSigned by:  
Derek Eugene Vap  
C8273C85A59468

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



TRANSPORTATION  
MANAGEMENT PLAN

**AREA 4  
PHASE IC  
OVERVIEW**



AREA 4 PHASE IC CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE IIB EBL TRAFFIC. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

AREA 4 PHASE IC CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE IIA WBL TRAFFIC. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

INSTALL TEMPORARY GUARDRAIL WITH GUARDRAIL ANCHOR UNIT FROM -EBL- STA 977+00± (AREA 3) TO -EBL- STA 982+00±

REMOVE & RESET PCB WITH CRASH CUSHION FROM -EBL- STA 980+00± TO -EBL- STA 984+00±.

REMOVE AND RESET PCB WITH CRASH CUSHION FROM -EBL- STA 982+00± TO -EBL- STA 987+00±.

BEHIND BARRIER WEDGE & WIDEN PAVEMENT TO PROVIDE A SMOOTH TRANSITION FROM EXISTING TO PROPOSED PAVEMENT

EXISTING PCB

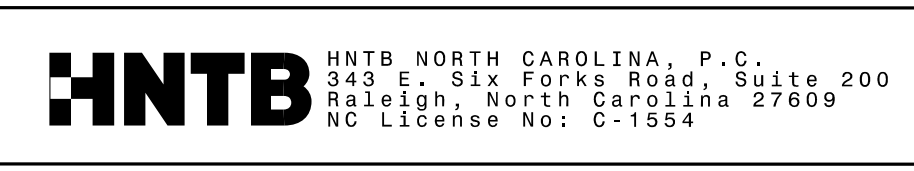
MATCHLINE SEE SHEET TMP-108  
-EBL- STA 991+00.00

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

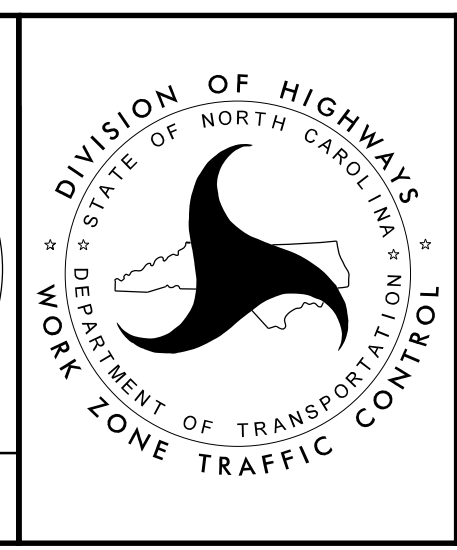
REMOVE CONFLICTING PAVEMENT MARKING.

28-FEB-2019 13:47  
I4700A\_Tc\_A4Pcd1.dgn  
HNTB



APPROVED:   
DATE: 3/1/2019

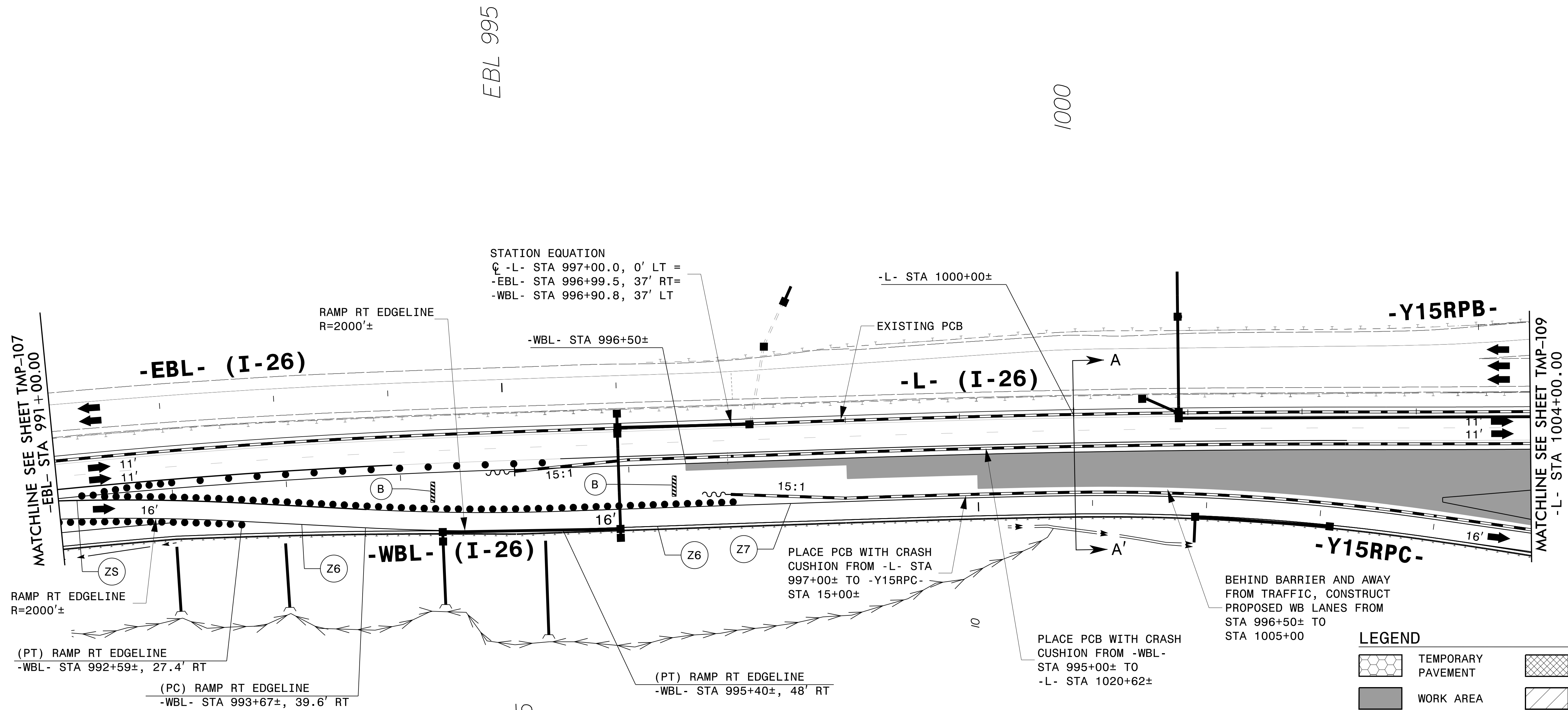
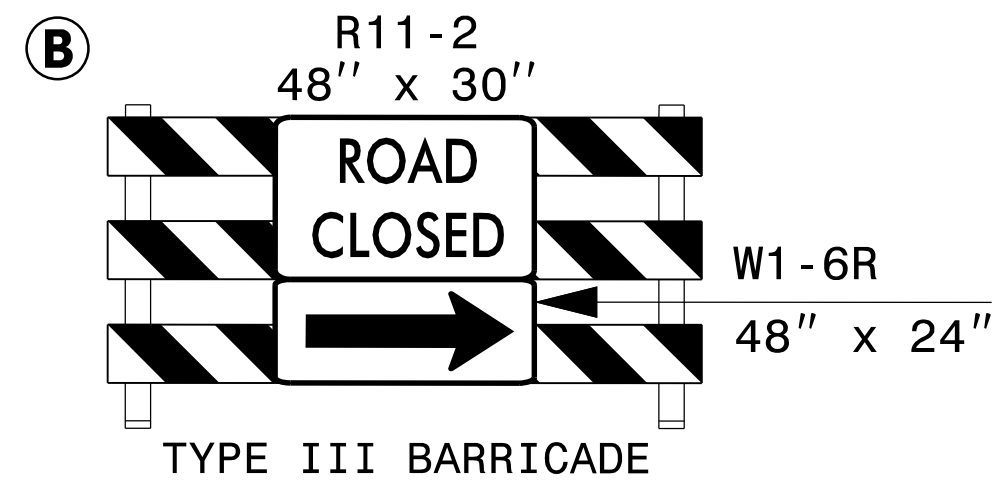
SEAL



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 4  
PHASE IC  
DETAIL 1**

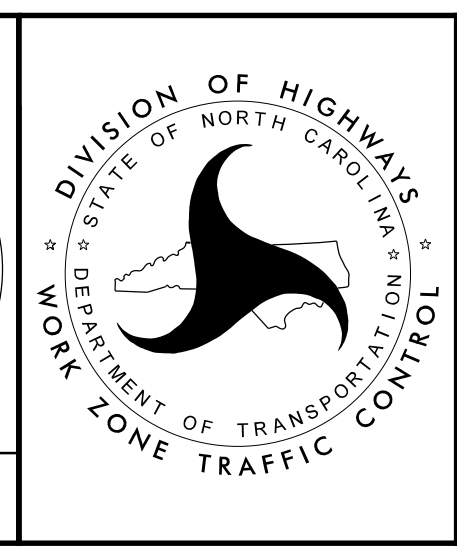
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

APPROVED:   
 DATE: 3/1/2019  
 SEAL



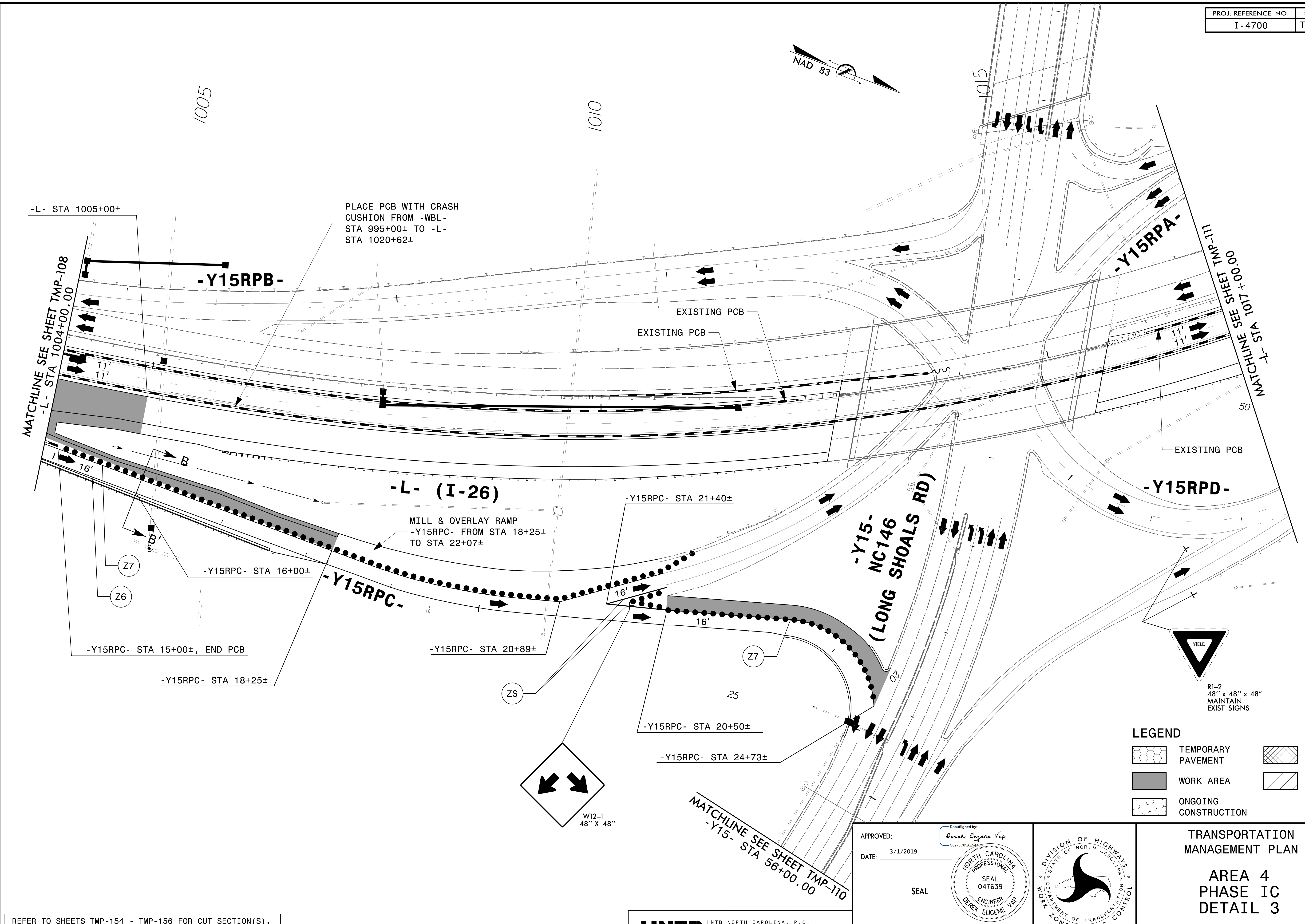
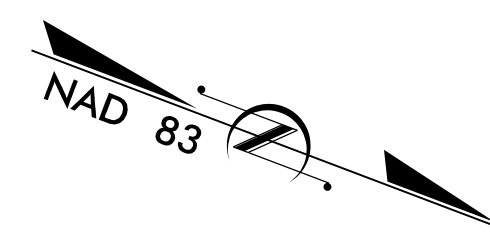
TRANSPORTATION MANAGEMENT PLAN

AREA 4  
 PHASE IC  
 DETAIL 2

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

REFER TO SHEETS TMP-154 - TMP-156 FOR CUT SECTION(S).  
 REMOVE CONFLICTING PAVEMENT MARKING.

28-FEB-2019 13:47  
 I4700A\_Tc\_A4Pc02.dgn  
 HNTB



MATCHLINE SEE SHEET TMP-108  
-L- STA 1004+00.00

MATCHLINE SEE SHEET TMP-110  
-L- STA 1017+00.00

PLACE PCB WITH CRASH CUSHION FROM -WBL- STA 995+00± TO -L- STA 1020+62±

EXISTING PCB

EXISTING PCB

-L- (I-26)

MILL & OVERLAY RAMP  
-Y15RPC- FROM STA 18+25± TO STA 22+07±

-Y15RPC- STA 21+40±

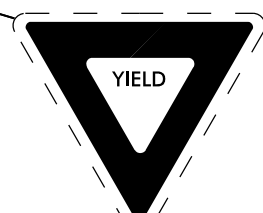
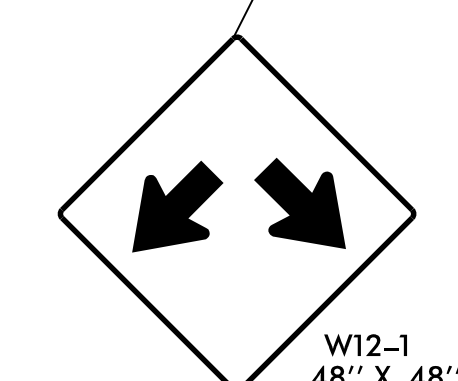
-Y15RPC- STA 15+00±, END PCB  
-Y15RPC- STA 16+00±  
-Y15RPC- STA 18+25±

-Y15RPC- STA 20+89±

-Y15RPC- STA 20+50±  
-Y15RPC- STA 24+73±

-Y15- NC146 (LONG SHOALS RD)

-Y15RPD-



R1-2  
48" x 48" x 48"  
MAINTAIN EXIST SIGNS

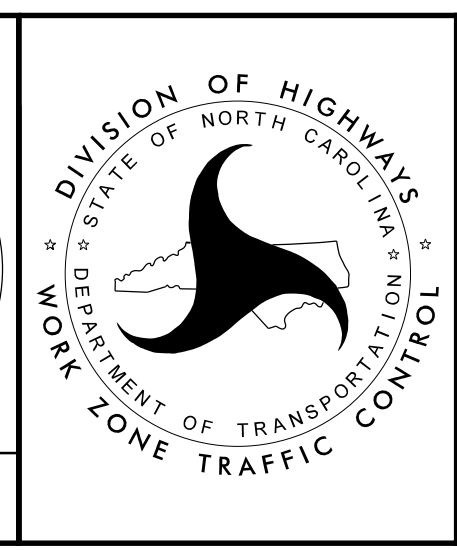
LEGEND

- |  |                      |  |               |
|--|----------------------|--|---------------|
|  | TEMPORARY PAVEMENT   |  | REMOVAL       |
|  | WORK AREA            |  | WEDGE / WIDEN |
|  | ONGOING CONSTRUCTION |  |               |

REFER TO SHEETS TMP-154 - TMP-156 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.

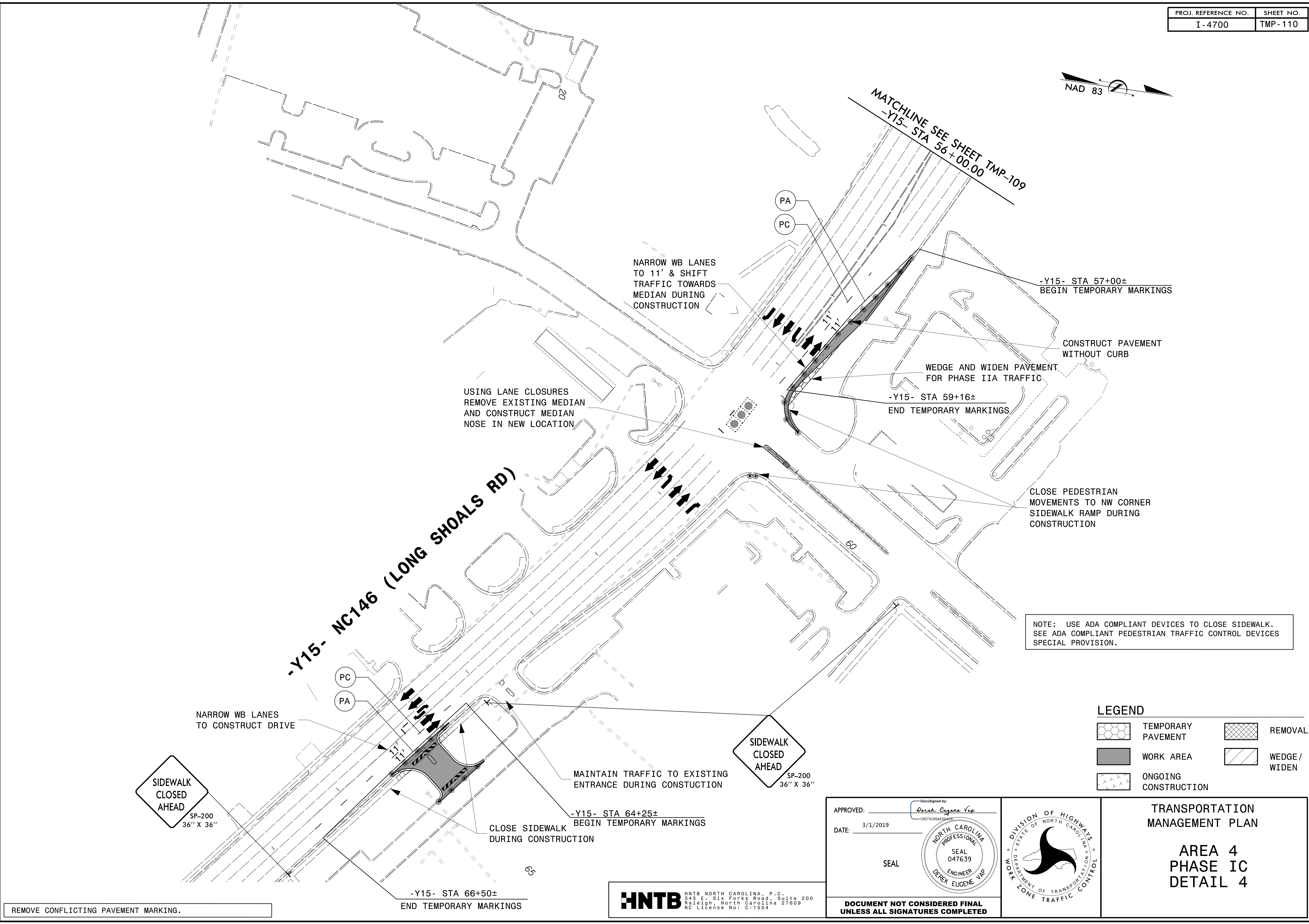
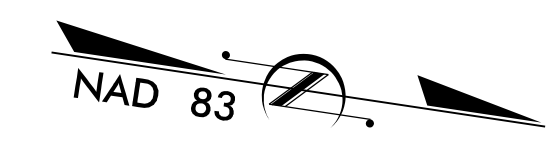
**HNTB**  
HNTB NORTH CAROLINA, P.C.  
343 E. SIX FORKS ROAD, SUITE 200  
RALEIGH, NORTH CAROLINA 27609  
NC LICENSE NO: C-1554

APPROVED: *Derek Eugene Vap*  
DATE: 3/1/2019  
SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
DEREK EUGENE VAP  
SEAL 047639



TRANSPORTATION MANAGEMENT PLAN  
AREA 4  
PHASE IC  
DETAIL 3

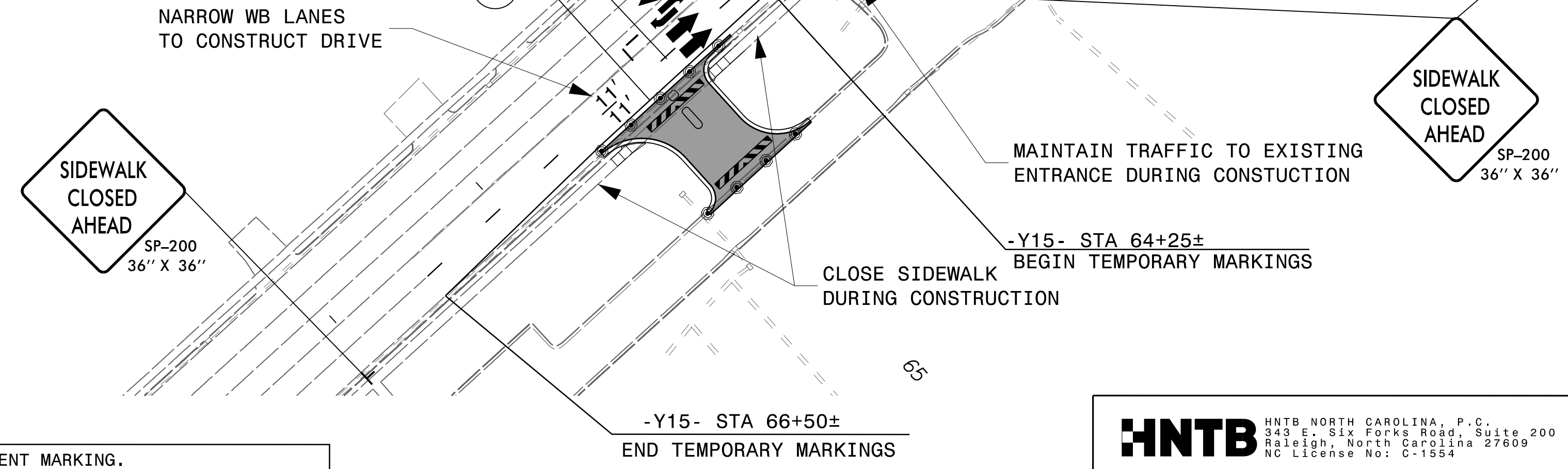
28-FEB-2019 13:47  
I:\700A\_Tc\_A4Pc03.dgn  
HNTB



NOTE: USE ADA COMPLIANT DEVICES TO CLOSE SIDEWALK. SEE ADA COMPLIANT PEDESTRIAN TRAFFIC CONTROL DEVICES SPECIAL PROVISION.

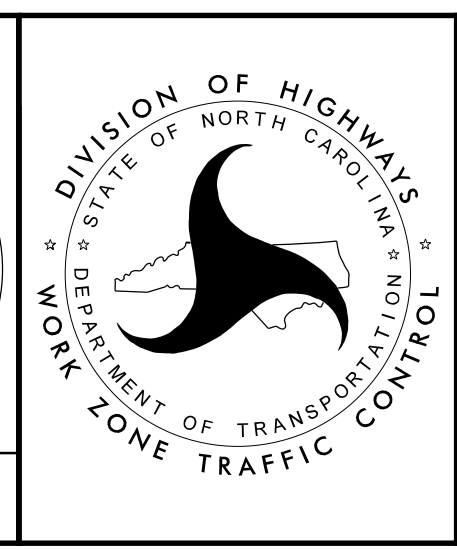
**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		



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

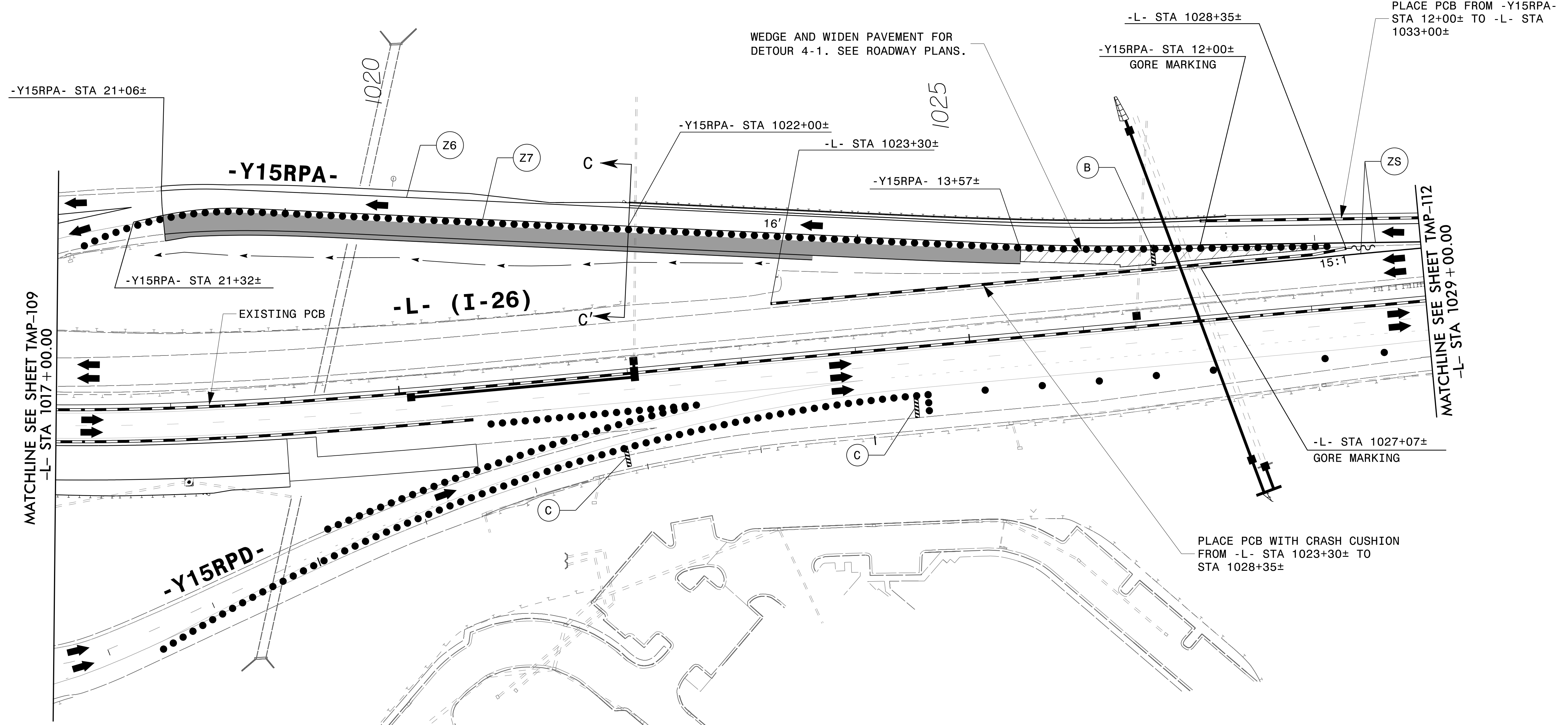
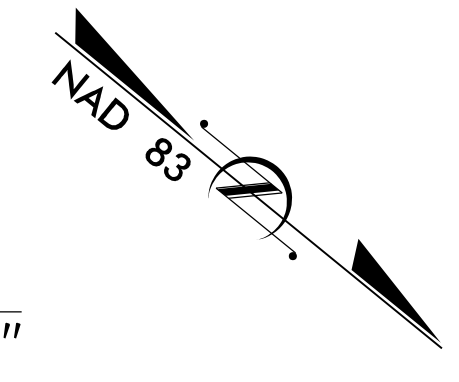
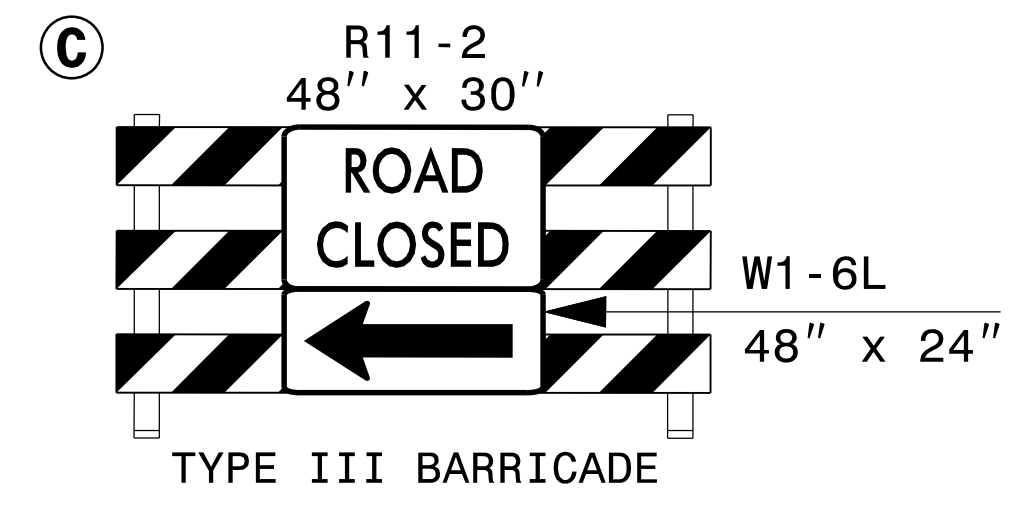
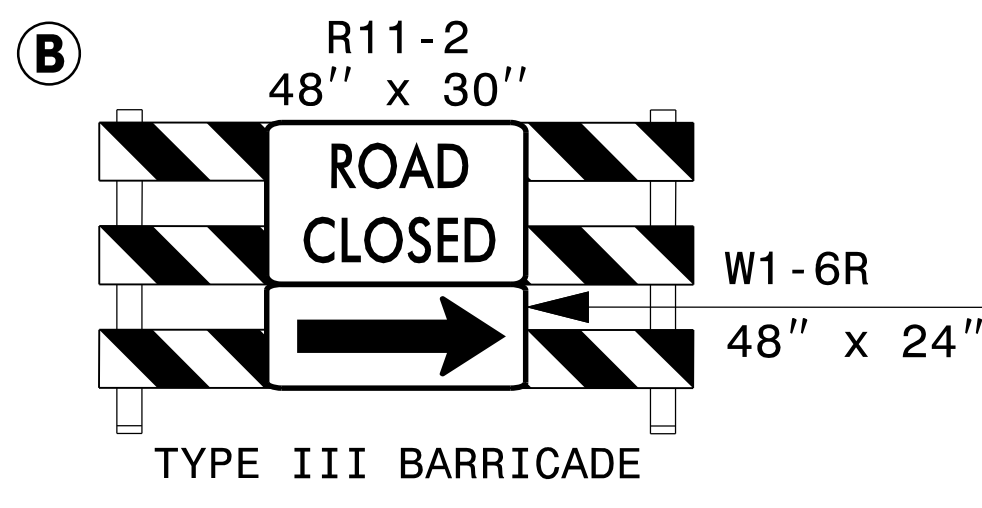
APPROVED: Devek Eugene Vap  
 DATE: 3/1/2019  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 DEVEK EUGENE VAP  
 SEAL 047639  
 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 4  
 PHASE 1C  
 DETAIL 4**

28-FEB-2019 13:48  
 I4700A\_Tc\_A4Pc04.dgn  
 HNTB



MATCHLINE SEE SHEET TMP-109  
-L- STA 1017+00.00

MATCHLINE SEE SHEET TMP-112  
-L- STA 1029+00.00

**LEGEND**

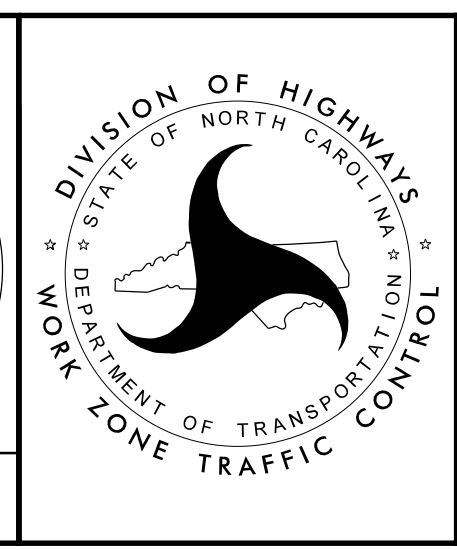
	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS 2B-10 THRU 2B-24 FOR DETOUR(S).  
REFER TO SHEETS TMP-154 & TMP-156 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED:   
DATE: 3/1/2019  
SEAL:

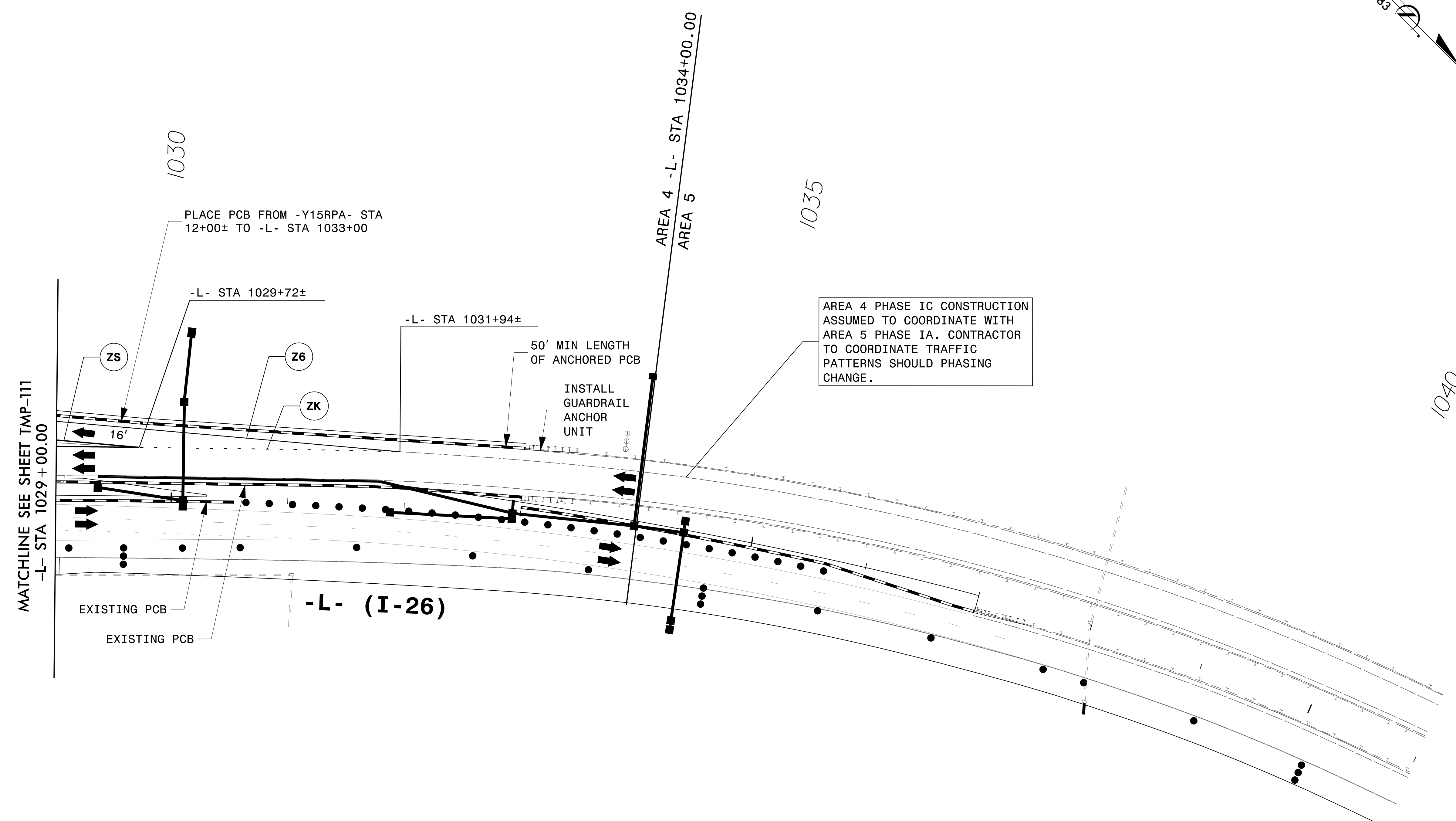
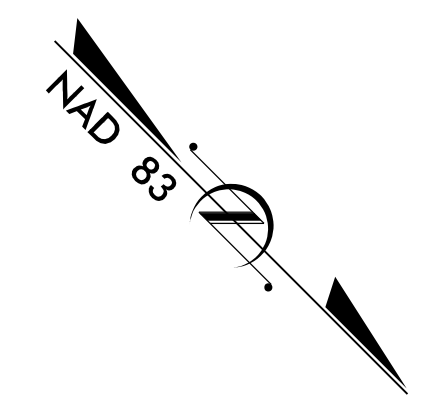
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 4  
PHASE IC  
DETAIL 5**

28-FEB-2019 13:48  
I4700A\_Tc\_A4Pc05.dgn  
HNTB

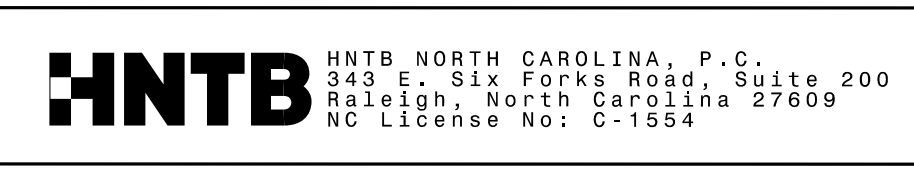


**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:48  
I4700A\_Tc\_A4Pc06.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

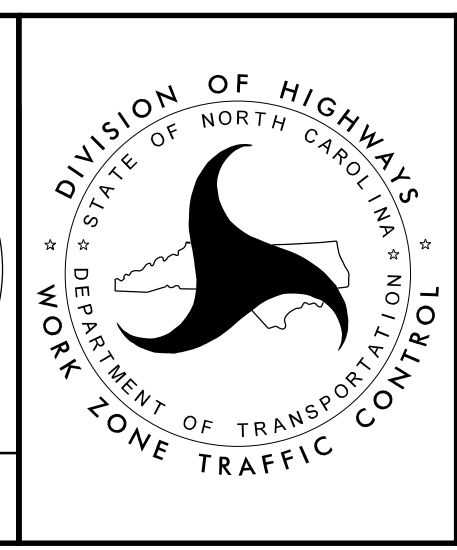


APPROVED:

DATE: 3/1/2019

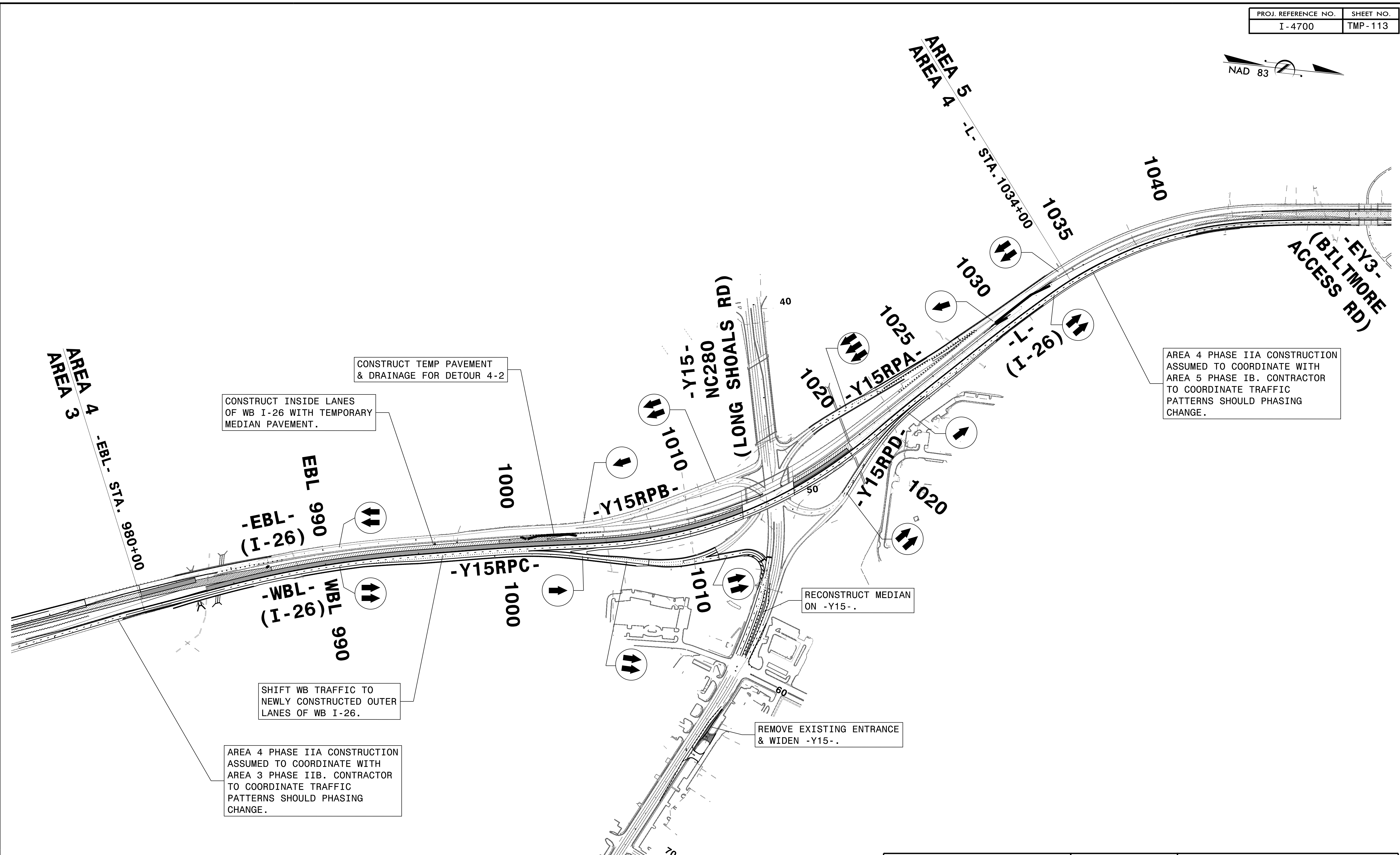
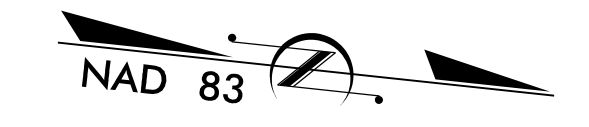
SEAL

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 4 PHASE IC DETAIL 6**



AREA 4 PHASE IIA CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 5 PHASE IB. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

CONSTRUCT INSIDE LANES OF WB I-26 WITH TEMPORARY MEDIAN PAVEMENT.

CONSTRUCT TEMP PAVEMENT & DRAINAGE FOR DETOUR 4-2

SHIFT WB TRAFFIC TO NEWLY CONSTRUCTED OUTER LANES OF WB I-26.

AREA 4 PHASE IIA CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE IIB. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

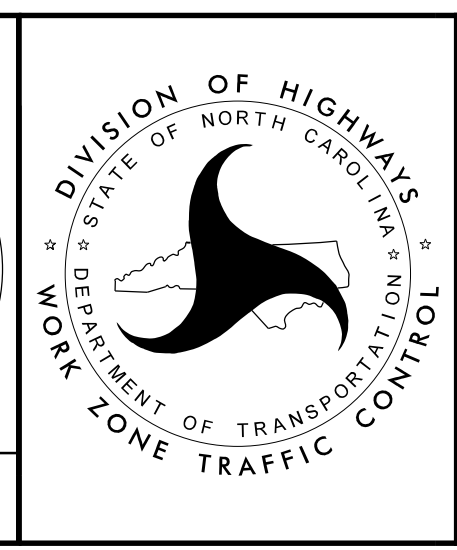
RECONSTRUCT MEDIAN ON -Y15-.

REMOVE EXISTING ENTRANCE & WIDEN -Y15-.

28-FEB-2019 13:48  
I4700A\_Tc\_A4B2a\_0V.dgn  
HNTB

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

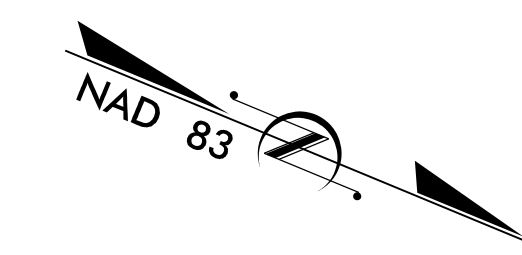
APPROVED: Derek Eugene Vap  
DATE: 3/1/2019  
SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 047639  
ENGINEER  
DEREK EUGENE VAP



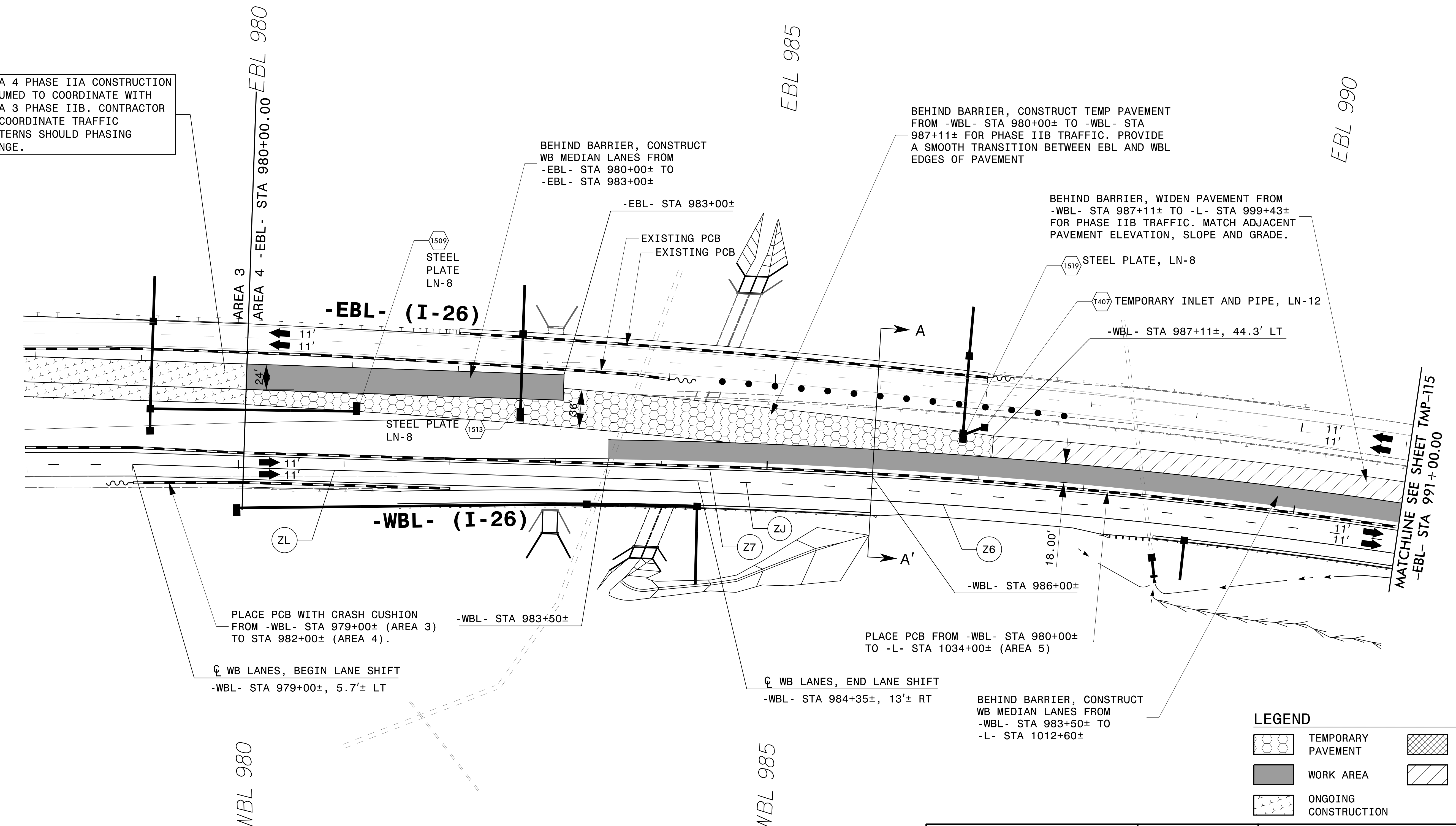
TRANSPORTATION MANAGEMENT PLAN  
  
AREA 4 PHASE IIA OVERVIEW

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED





AREA 4 PHASE IIA CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE IIB. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.



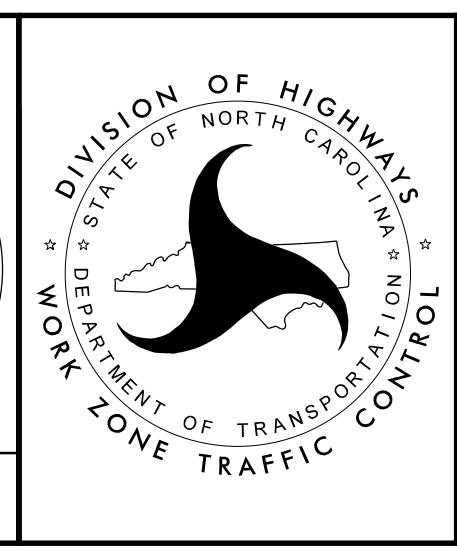
**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-154 - TMP-156 FOR CUT SECTION(S).  
 REMOVE CONFLICTING PAVEMENT MARKING.

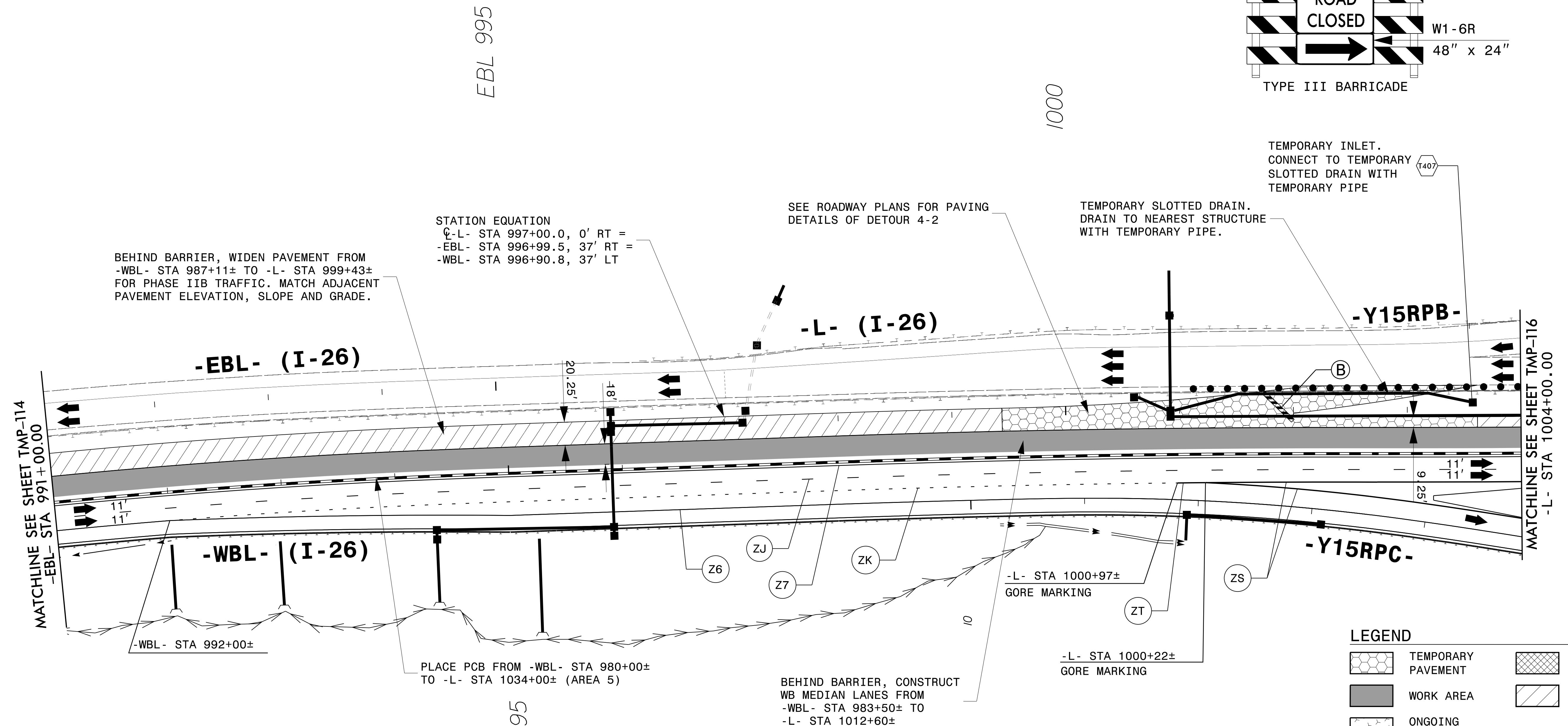
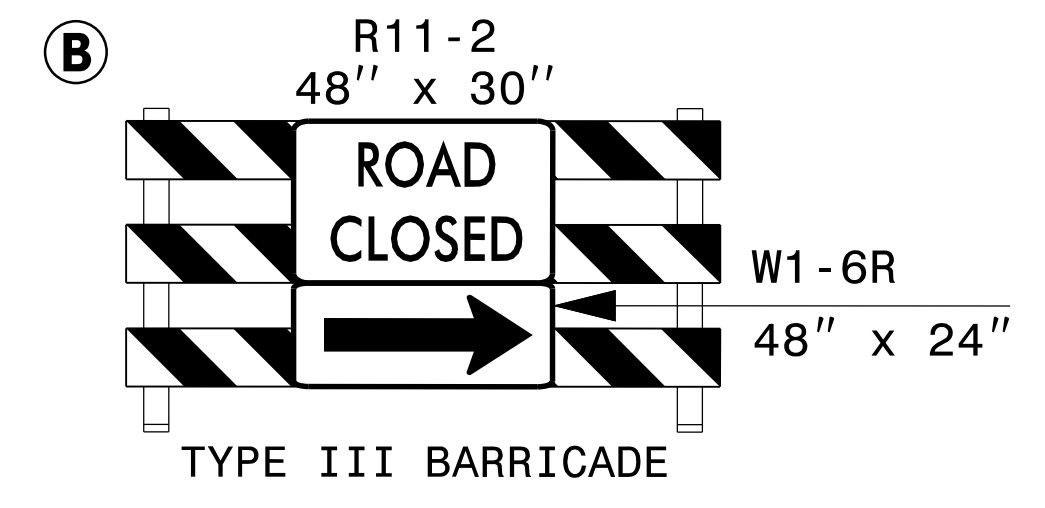


APPROVED: *Devek Eugene Vap*  
 DATE: 3/1/2019  
 SEAL

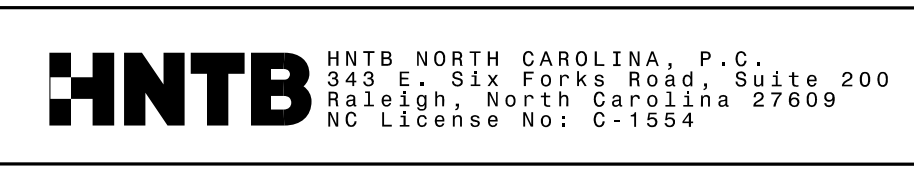


TRANSPORTATION MANAGEMENT PLAN  
 AREA 4 PHASE IIA  
 DETAIL 1

28-FEB-2019 13:49  
 I:\700A\_Tc\_A4P2ad1.dgn  
 HNTB



REFER TO SHEETS 2B-10 THRU 2B-24 FOR DETOUR(S).  
 REMOVE CONFLICTING PAVEMENT MARKING.

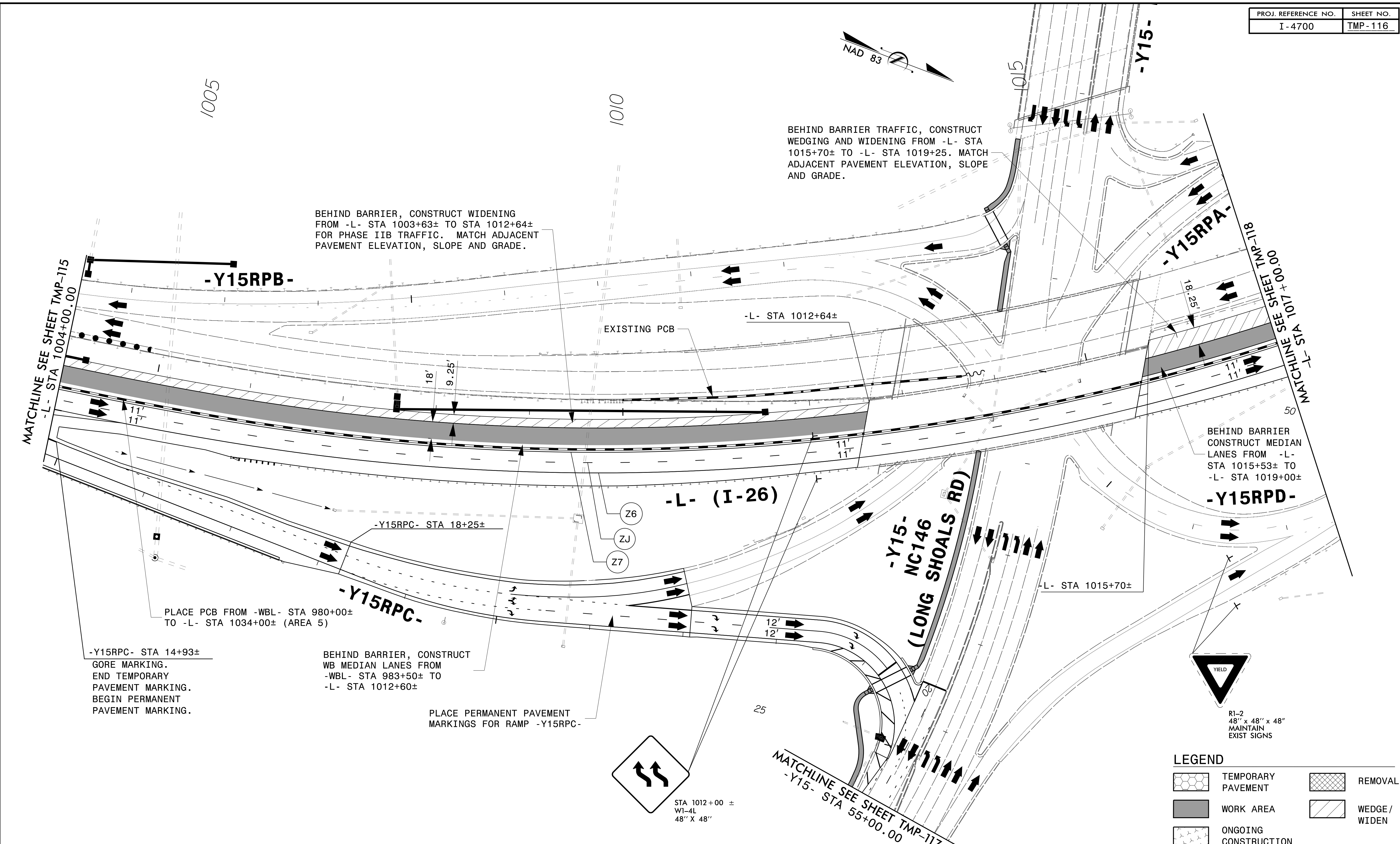
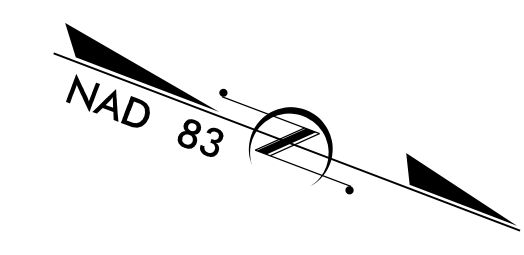


APPROVED: *Derek Eugene Vap*  
 DATE: 3/1/2019  
 SEAL: [Professional Engineer Seal for Derek Eugene Vap, License No. 047639, State of North Carolina]



**TRANSPORTATION MANAGEMENT PLAN**  
**AREA 4**  
**PHASE IIA**  
**DETAIL 2**

28-FEB-2019 13:49  
 I:\700A\_Tc\_A4B2ad2.dgn  
 HNTB



BEHIND BARRIER, CONSTRUCT WIDENING FROM -L- STA 1003+63± TO STA 1012+64± FOR PHASE IIB TRAFFIC. MATCH ADJACENT PAVEMENT ELEVATION, SLOPE AND GRADE.

BEHIND BARRIER TRAFFIC, CONSTRUCT WEDGING AND WIDENING FROM -L- STA 1015+70± TO -L- STA 1019+25. MATCH ADJACENT PAVEMENT ELEVATION, SLOPE AND GRADE.

BEHIND BARRIER CONSTRUCT MEDIAN LANES FROM -L- STA 1015+53± TO -L- STA 1019+00±

MATCHLINE SEE SHEET TMP-115  
-L- STA 1004+00.00

MATCHLINE SEE SHEET TMP-117  
-L- STA 1019+00.00

-Y15RPC- STA 14+93±  
GORE MARKING.  
END TEMPORARY PAVEMENT MARKING.  
BEGIN PERMANENT PAVEMENT MARKING.

BEHIND BARRIER, CONSTRUCT WB MEDIAN LANES FROM -WBL- STA 983+50± TO -L- STA 1012+60±

PLACE PERMANENT PAVEMENT MARKINGS FOR RAMP -Y15RPC-

PLACE PCB FROM -WBL- STA 980+00± TO -L- STA 1034+00± (AREA 5)

STA 1012+00 ±  
W1-4L  
48" X 48"

YIELD  
R1-2  
48" x 48" x 48"  
MAINTAIN EXIST SIGNS

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

25-APR-2019 19:00  
I-4700-Tc-A4P2.dwg  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

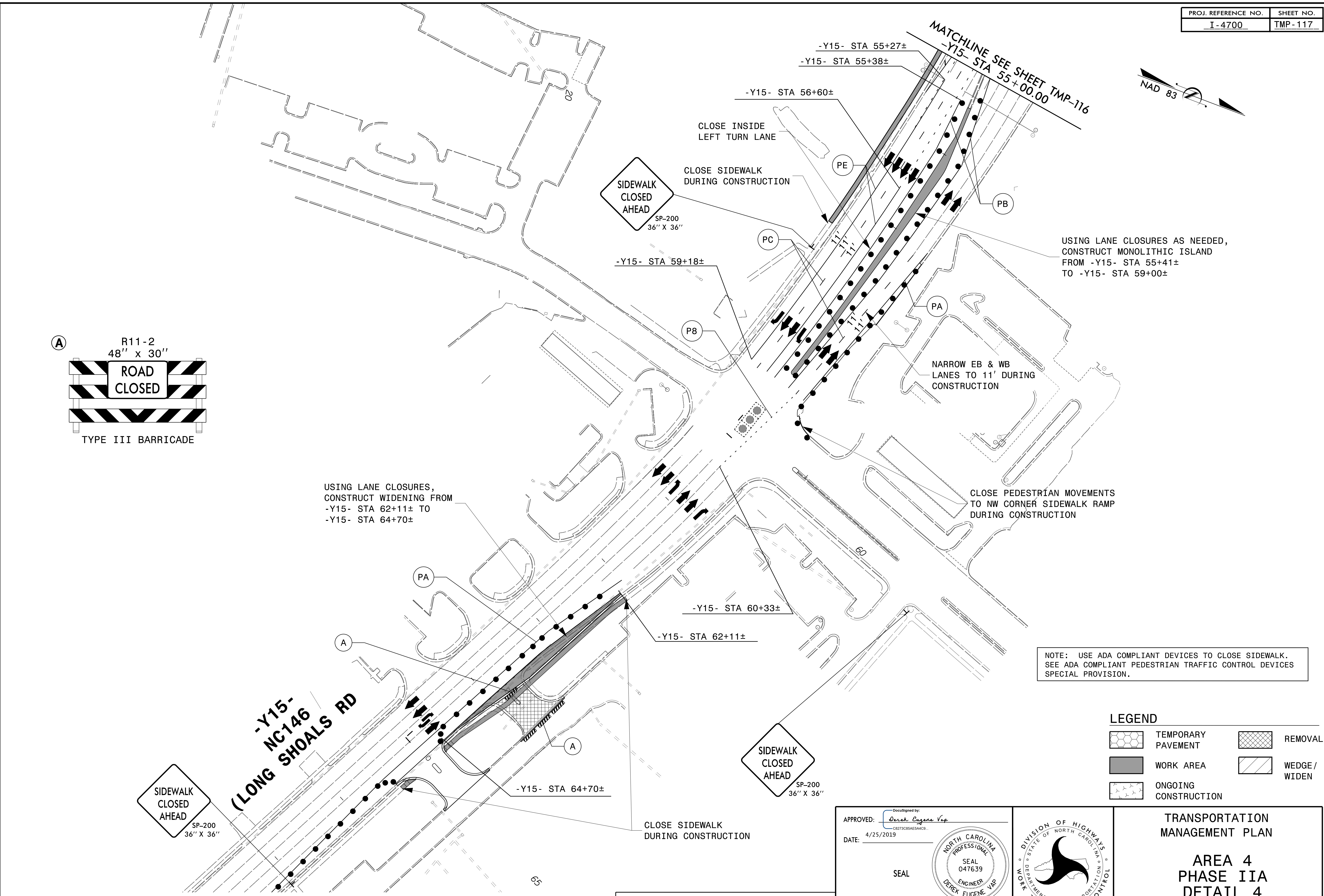
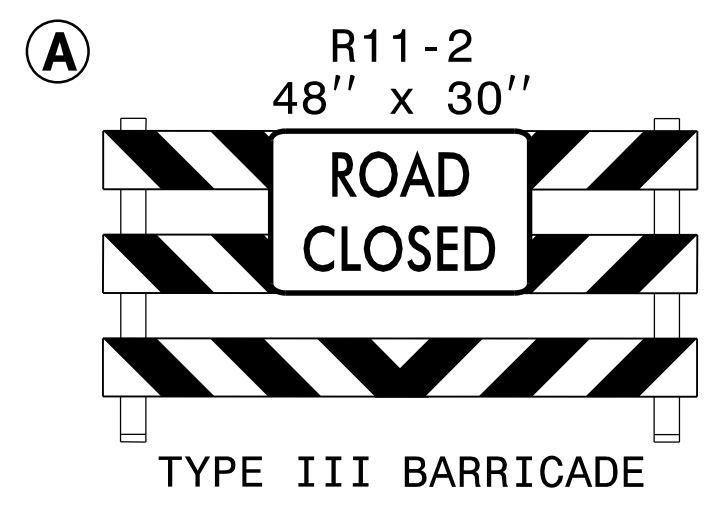
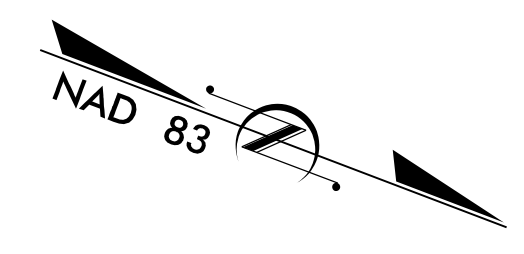
**HNTB**  
HNTB NORTH CAROLINA, P.C.  
343 E. SIX FORKS ROAD, SUITE 200  
RALEIGH, NORTH CAROLINA 27609  
NC LICENSE NO: C-1554

APPROVED: *DEREK EUGENE VAP*  
DATE: 4/25/2019  
SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 047639  
DEREK EUGENE VAP



TRANSPORTATION MANAGEMENT PLAN  
**AREA 4  
PHASE IIA  
DETAIL 3**

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



NOTE: USE ADA COMPLIANT DEVICES TO CLOSE SIDEWALK. SEE ADA COMPLIANT PEDESTRIAN TRAFFIC CONTROL DEVICES SPECIAL PROVISION.

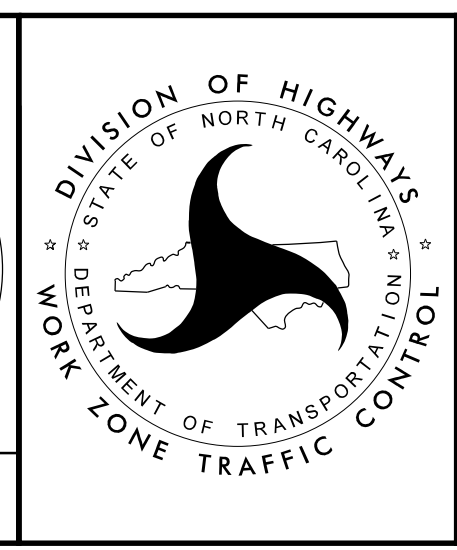
**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

APPROVED: *Derek Eugene Vap*  
DATE: 4/25/2019

SEAL

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



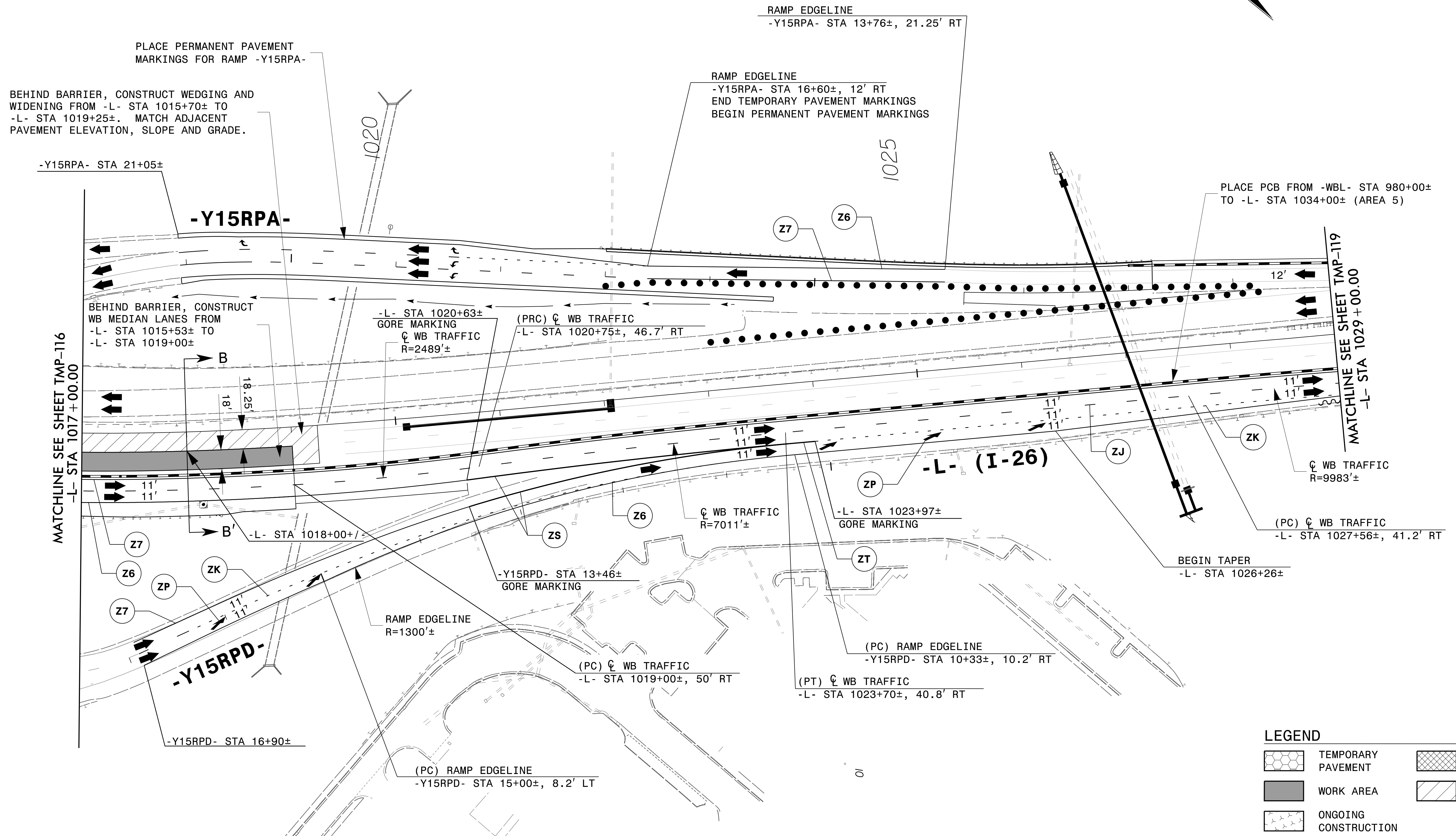
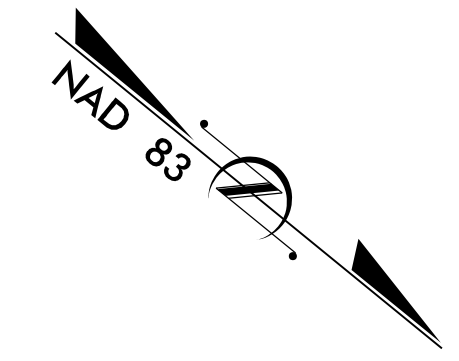
**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 4  
PHASE IIA  
DETAIL 4**

**HNTB**

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

25-APR-2019 19:37  
I4700\_Tc\_A4P2.dwg  
HNTB

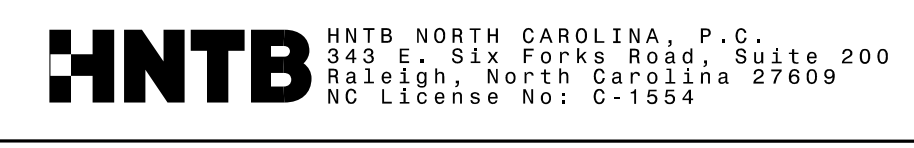


**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-154 - TMP-156 FOR CUT SECTION(S).

REMOVE CONFLICTING PAVEMENT MARKING.

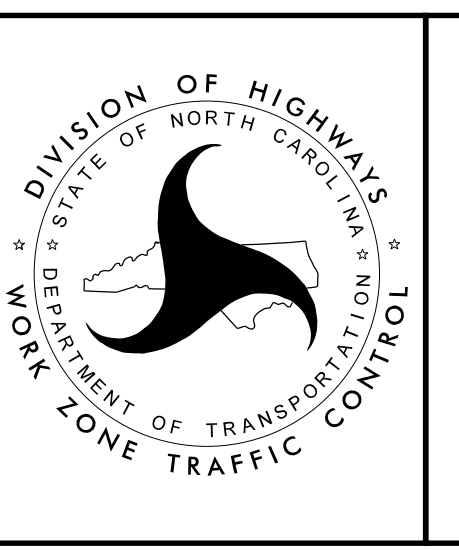


APPROVED:

DATE: 3/1/2019

SEAL:

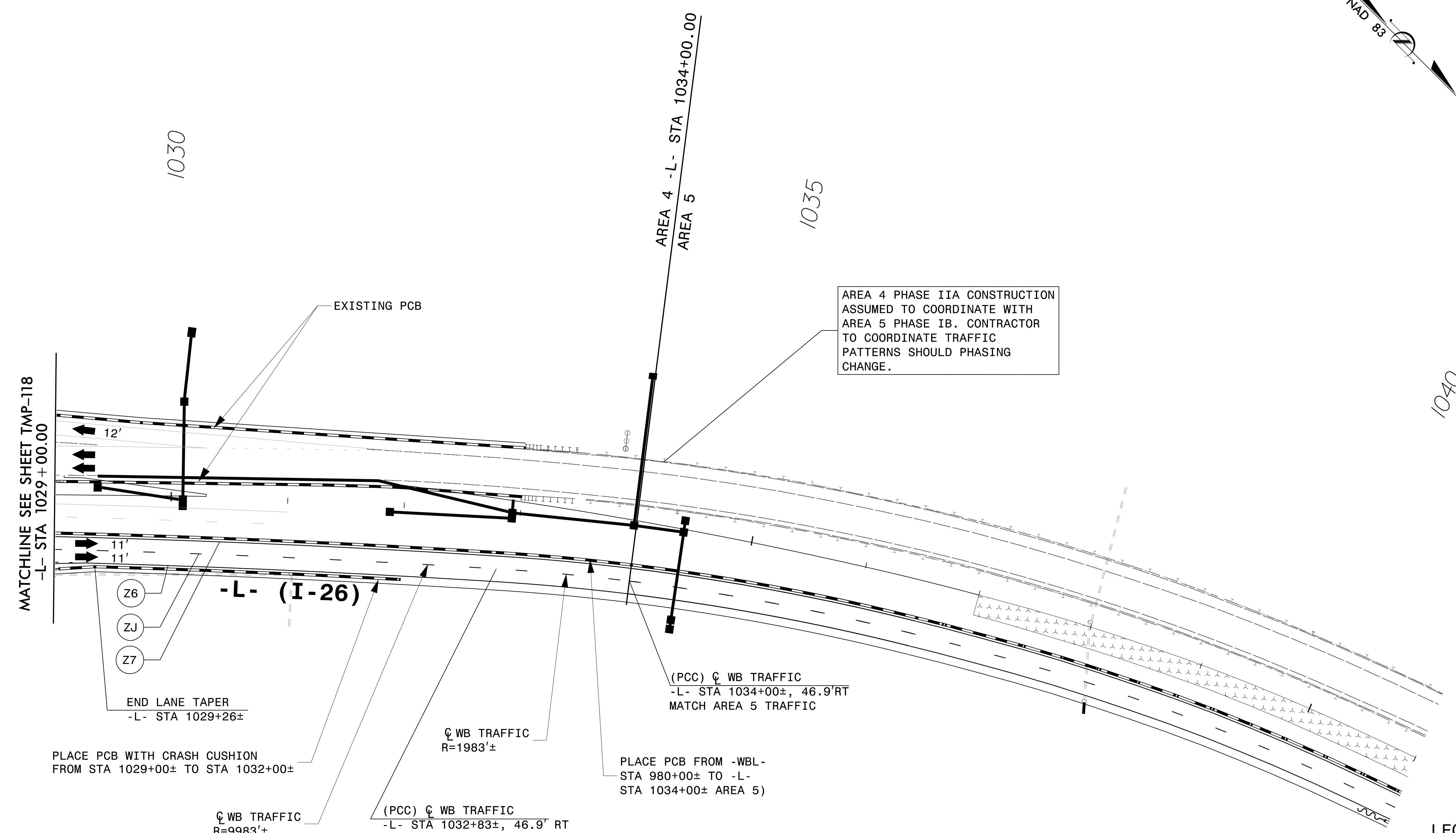
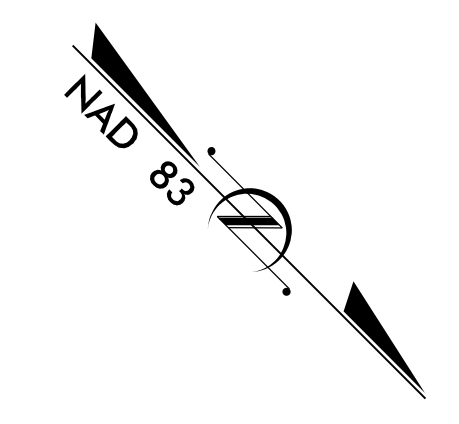
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 4  
PHASE IIA  
DETAIL 5**

28-FEB-2019 13:50  
I:\700A\_Tc\_A4B2d05.dgn  
HNTB



AREA 4 PHASE IIA CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 5 PHASE IB. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

MATCHLINE SEE SHEET TMP-118  
-L- STA 1029+00.00

Z6  
ZJ  
Z7

END LANE TAPER  
-L- STA 1029+26±

PLACE PCB WITH CRASH CUSHION  
FROM STA 1029+00± TO STA 1032+00±

☉ WB TRAFFIC  
R=9983'±

(PCC) ☉ WB TRAFFIC  
-L- STA 1032+83±, 46.9' RT

☉ WB TRAFFIC  
R=1983'±

PLACE PCB FROM -WBL-  
STA 980+00± TO -L-  
STA 1034+00± AREA 5)

(PCC) ☉ WB TRAFFIC  
-L- STA 1034+00±, 46.9' RT  
MATCH AREA 5 TRAFFIC

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

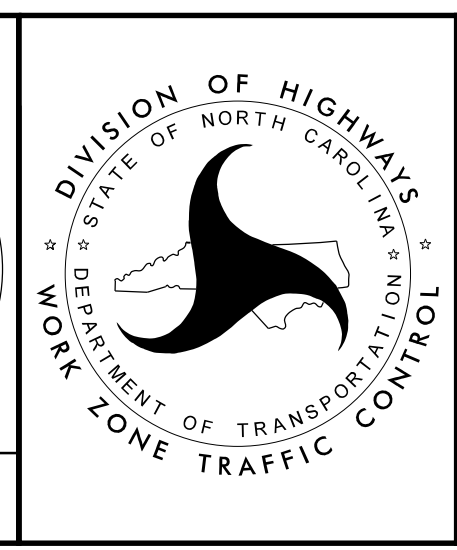
28-FEB-2019 13:50  
I:\700A\_Tc\_A4B2ad06.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED:   
DATE: 3/1/2019

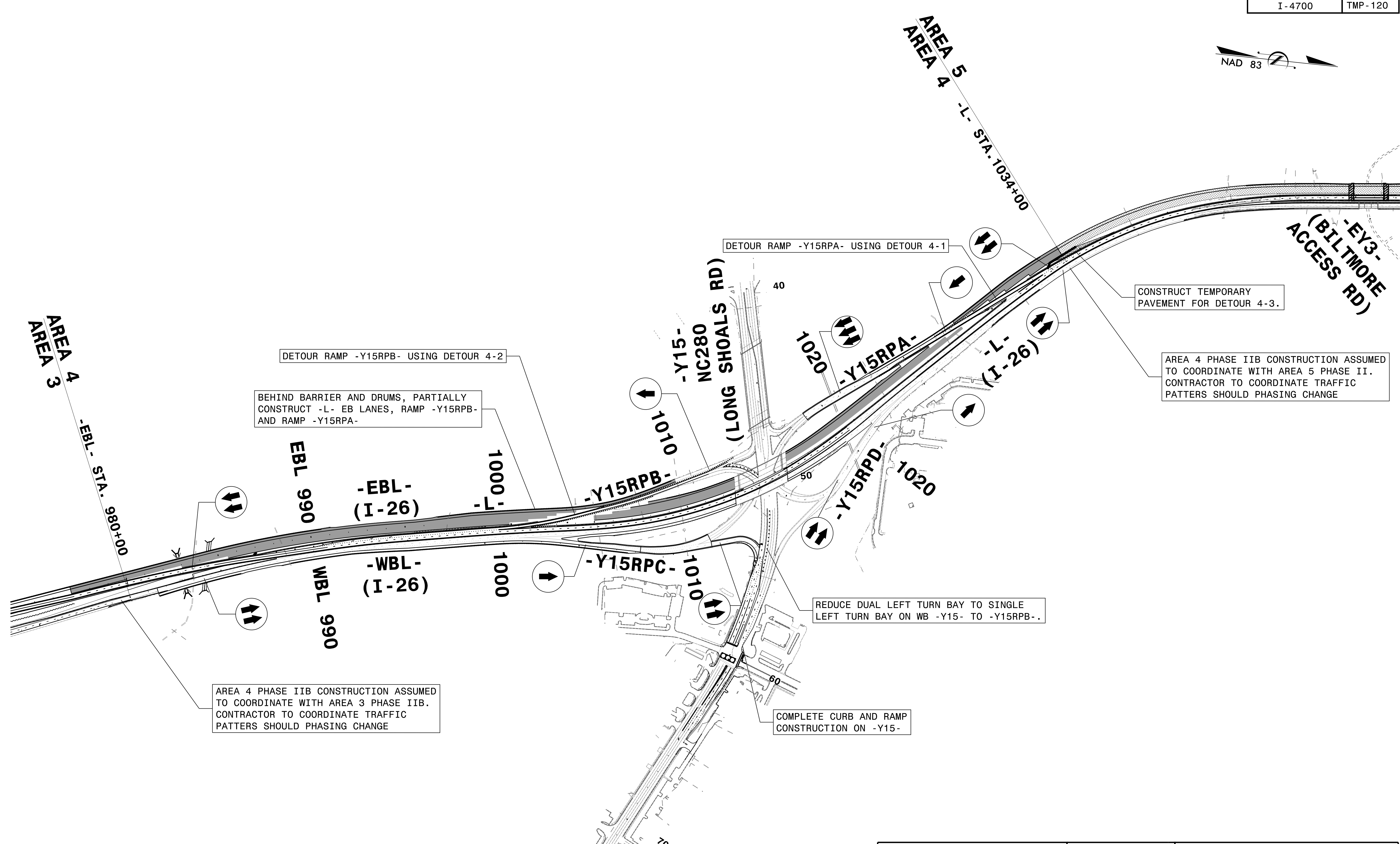
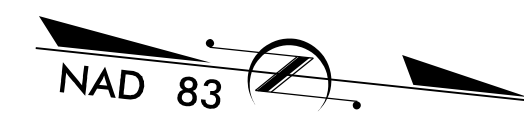
SEAL



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 4  
PHASE IIA  
DETAIL 6**

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



AREA 4 PHASE IIB CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE IIB. CONTRACTOR TO COORDINATE TRAFFIC PATTERS SHOULD PHASING CHANGE

AREA 4 PHASE IIB CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 5 PHASE II. CONTRACTOR TO COORDINATE TRAFFIC PATTERS SHOULD PHASING CHANGE

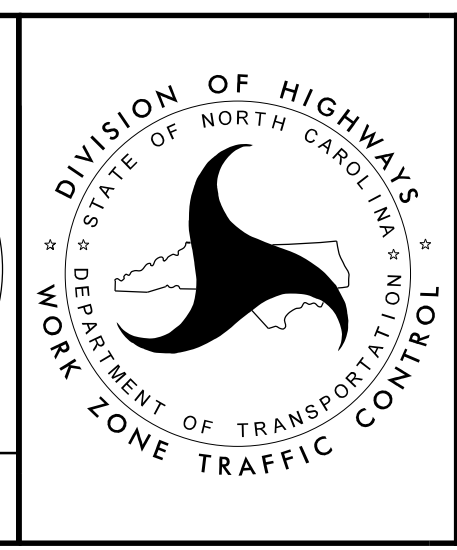
REDUCE DUAL LEFT TURN BAY TO SINGLE LEFT TURN BAY ON WB -Y15- TO -Y15RPB-.

COMPLETE CURB AND RAMP CONSTRUCTION ON -Y15-

28-FEB-2019 13:50  
I4700A\_Tc\_A4B2b\_0V.dgn  
HNTB

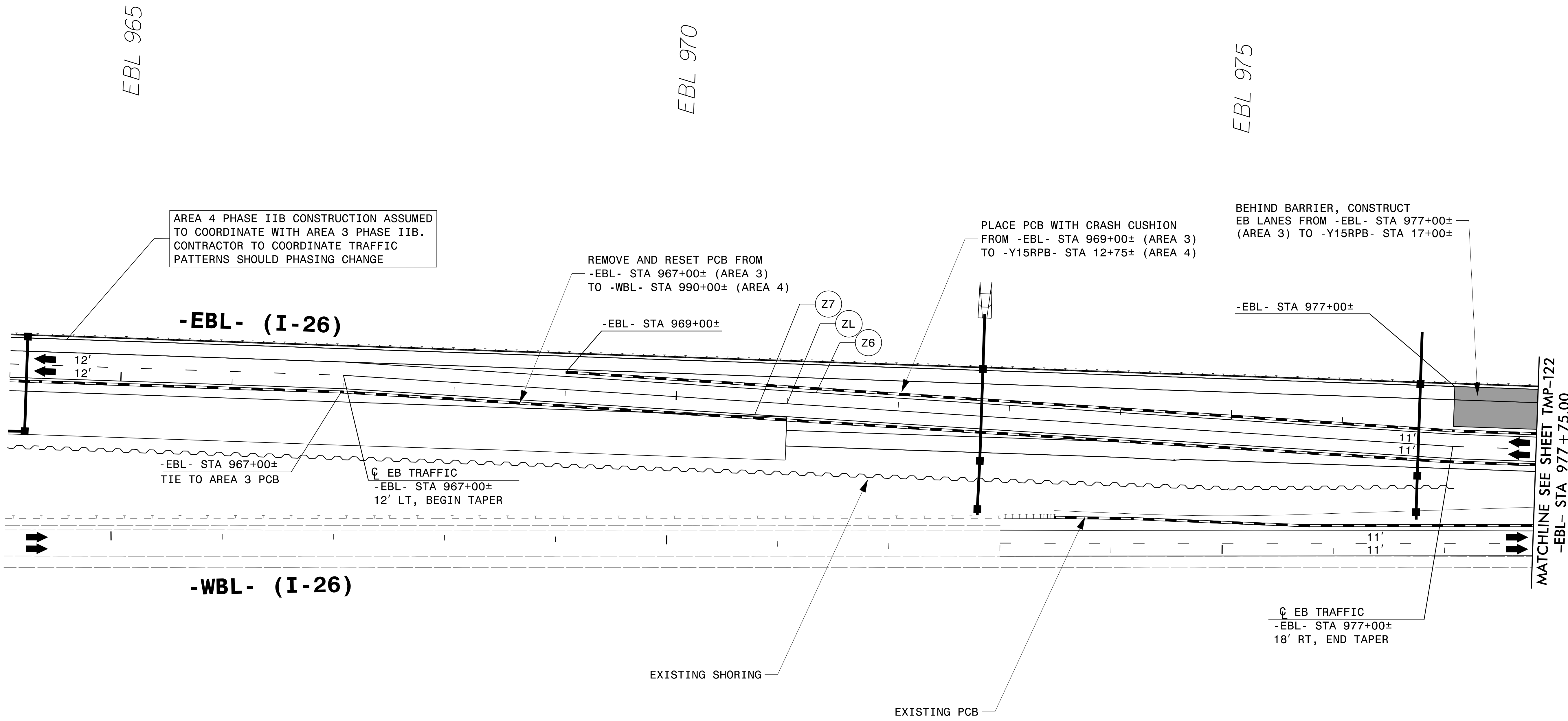
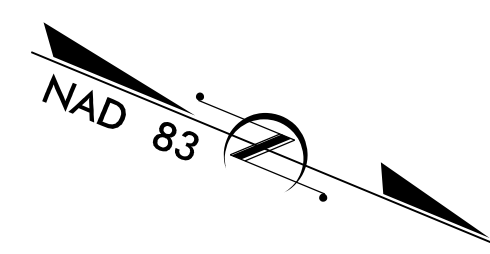
**HNTB** HNTB NORTH CAROLINA, P.C.  
343 E. SIX FORKS ROAD, SUITE 200  
RALEIGH, NORTH CAROLINA 27609  
NC LICENSE NO: C-1554

APPROVED: *Derek Eugene Vap*  
DATE: 3/1/2019  
SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 047639  
DEREK EUGENE VAP



TRANSPORTATION MANAGEMENT PLAN  
  
AREA 4 PHASE IIB OVERVIEW

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

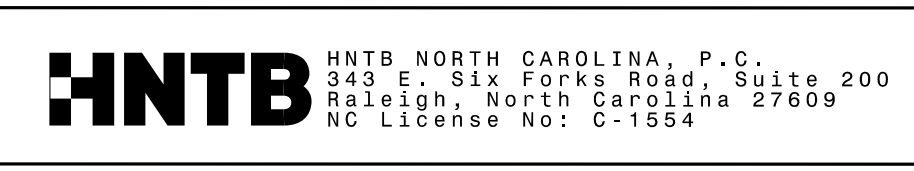


**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:50  
 I4700A\_Tc\_A4B2bD.dgn  
 HNTB

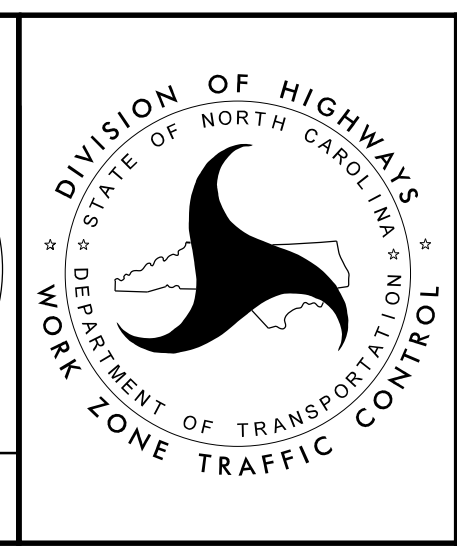
REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED:

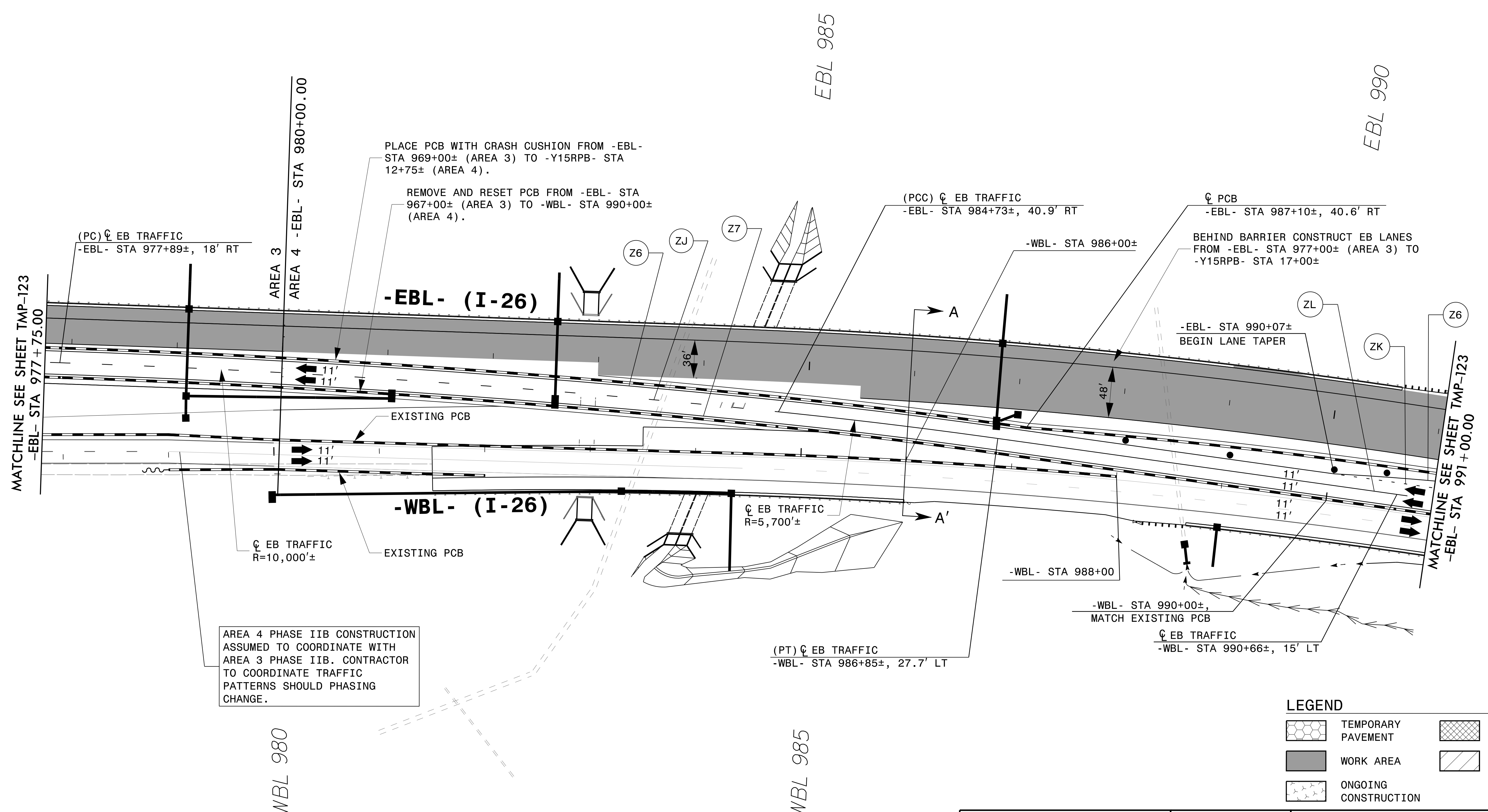
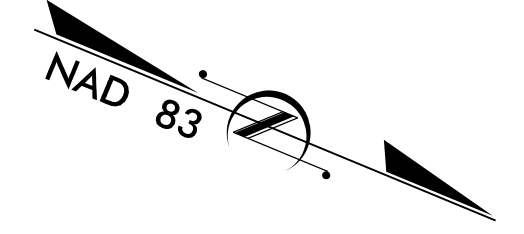
DATE: 3/1/2019

SEAL



**TRANSPORTATION  
 MANAGEMENT PLAN**  
  
**AREA 4  
 PHASE IIB  
 DETAIL 1**





PLACE PCB WITH CRASH CUSHION FROM -EBL- STA 969+00± (AREA 3) TO -Y15RPB- STA 12+75± (AREA 4).

REMOVE AND RESET PCB FROM -EBL- STA 967+00± (AREA 3) TO -WBL- STA 990+00± (AREA 4).

MATCHLINE SEE SHEET TMP-123  
-EBL- STA 977+75.00

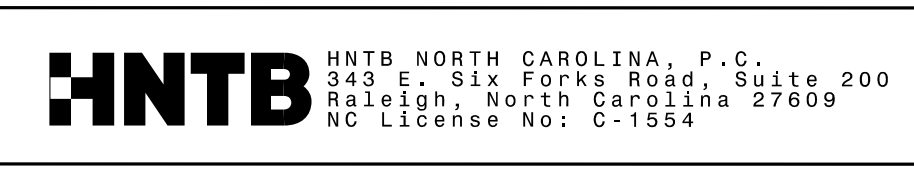
MATCHLINE SEE SHEET TMP-124  
-EBL- STA 991+00.00

AREA 4 PHASE IIB CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 3 PHASE IIB. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-154 - TMP-156 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED: *Derek Eugene Vap*  
DATE: 3/1/2019

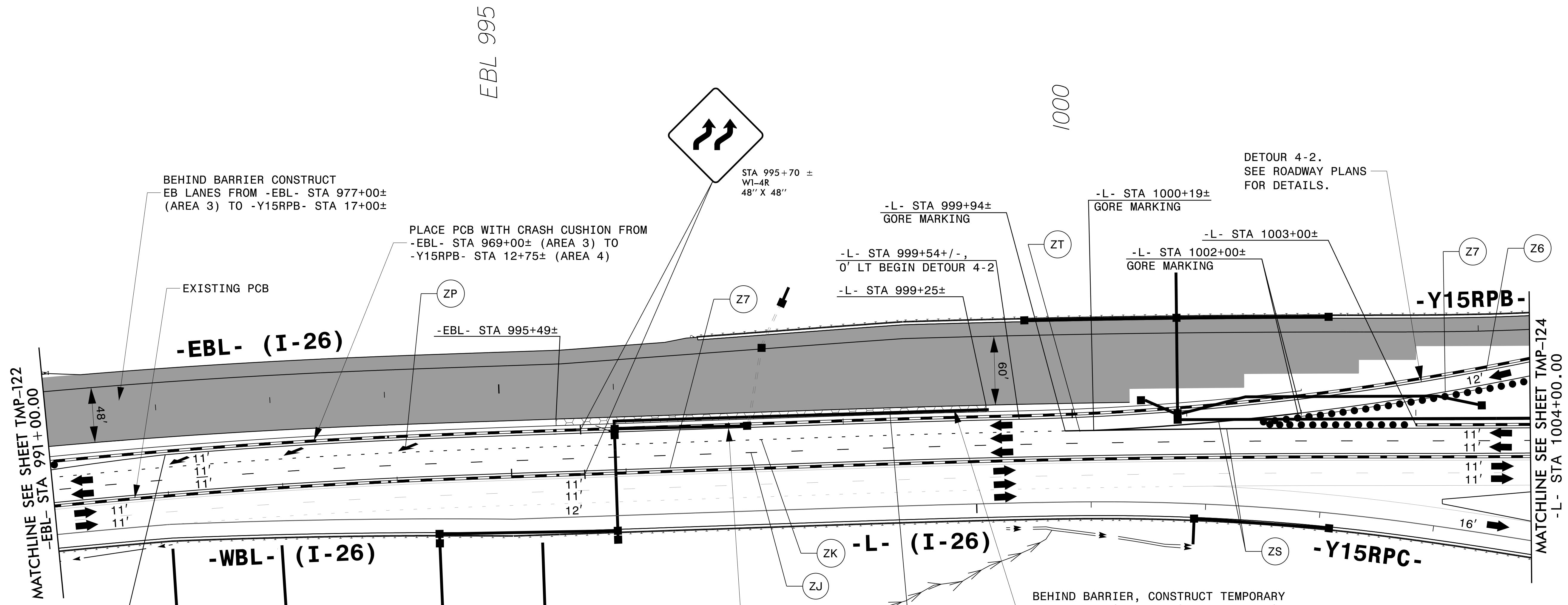
SEAL



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 4 PHASE IIB DETAIL 2**

28-FEB-2019 13:50  
I4700A\_Tc\_A4B2b02.dgn  
HNTB



MATCHLINE SEE SHEET TMP-122  
-EBL- STA 991+00.00

MATCHLINE SEE SHEET TMP-124  
-L- STA 1004+00.00

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

STATION EQUATION  
 C -L- STA 997+00.0, 0' LT =  
 -EBL- STA 996+99.5, 37' RT =  
 -WBL- STA 996+90.8, 37' LT

APPROVED:   
 DATE: 3/1/2019  
 SEAL

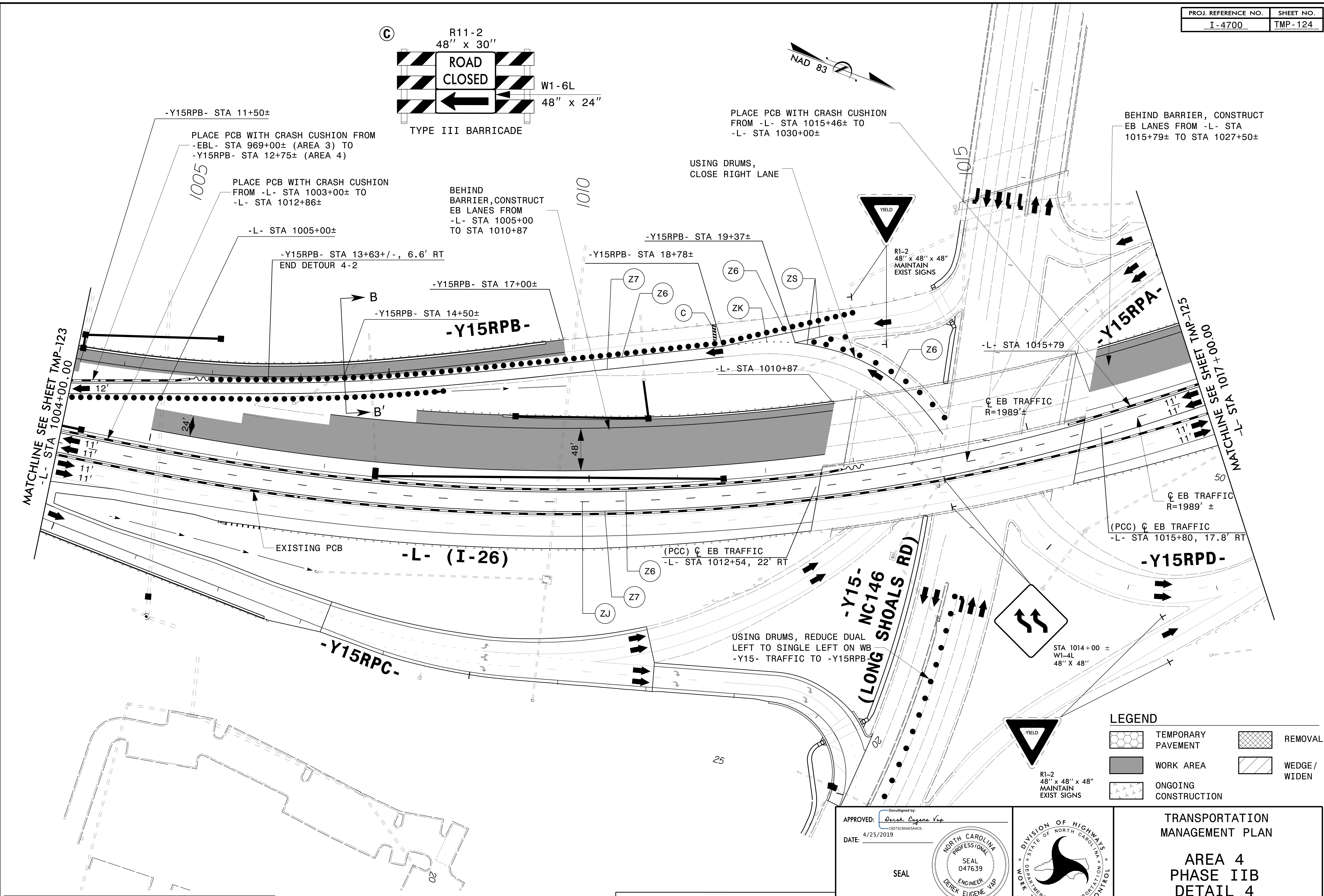


**TRANSPORTATION MANAGEMENT PLAN**  
**AREA 4**  
**PHASE IIB**  
**DETAIL 3**

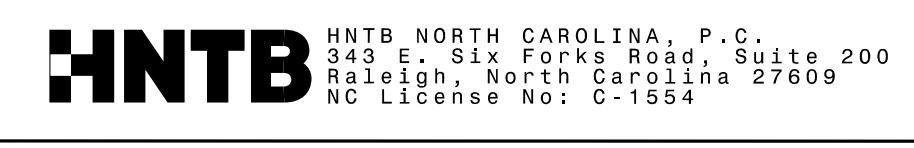
**HNTB**  
 HNTB NORTH CAROLINA, P.C.  
 343 E. SIX FORKS ROAD, SUITE 200  
 RALEIGH, NORTH CAROLINA 27609  
 NC LICENSE NO: C-1554

REFER TO SHEETS 2B-10 THRU 2B-24 FOR DETOUR(S).  
 REMOVE CONFLICTING PAVEMENT MARKING.

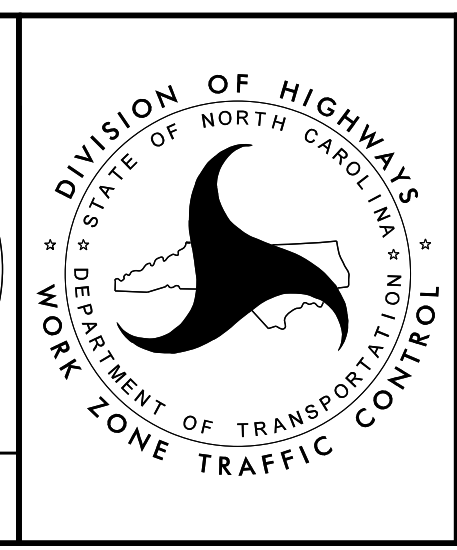
28-FEB-2019 13:50  
I4700A\_Tc\_A4B2b03.dgn  
HNTB



REFER TO SHEETS TMP-154 & TMP-156 FOR CUT SECTION(S).  
 REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED: *Derek Eugene Vap*  
 DATE: 4/25/2019  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 DEREK EUGENE VAP  
 SEAL 047639  
 ENGINEER



TRANSPORTATION MANAGEMENT PLAN  
 AREA 4  
 PHASE IIB  
 DETAIL 4

25-APR-2019 19:22  
 I4700.TC.A4P2BD4.dgn  
 HNTB