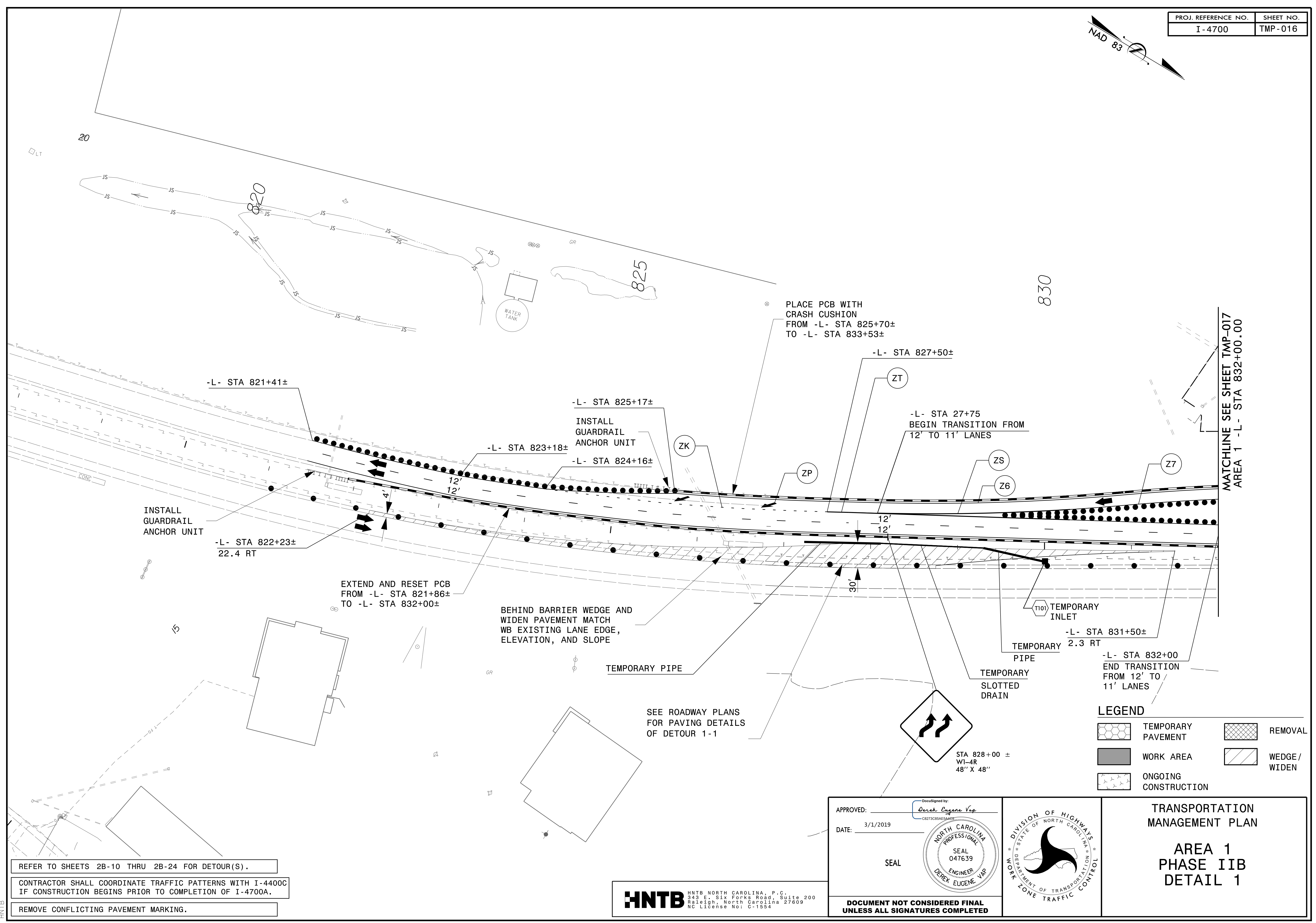
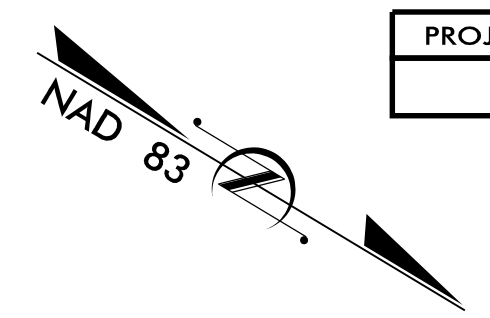


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**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

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

CONTRACTOR SHALL COORDINATE TRAFFIC PATTERNS WITH I-4400C IF CONSTRUCTION BEGINS PRIOR TO COMPLETION OF I-4700A.

REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED: *Derek Eugene Vap*

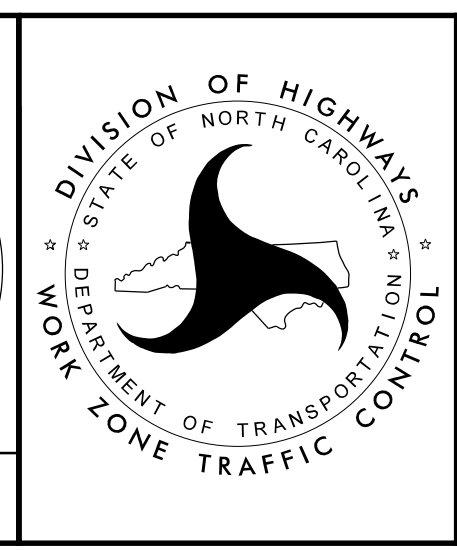
DATE: 3/1/2019

SEAL

DocuSigned by:  
Derek Eugene Vap  
C8279C85A8E9468

**NORTH CAROLINA PROFESSIONAL ENGINEER**  
SEAL 047639  
Derek Eugene Vap

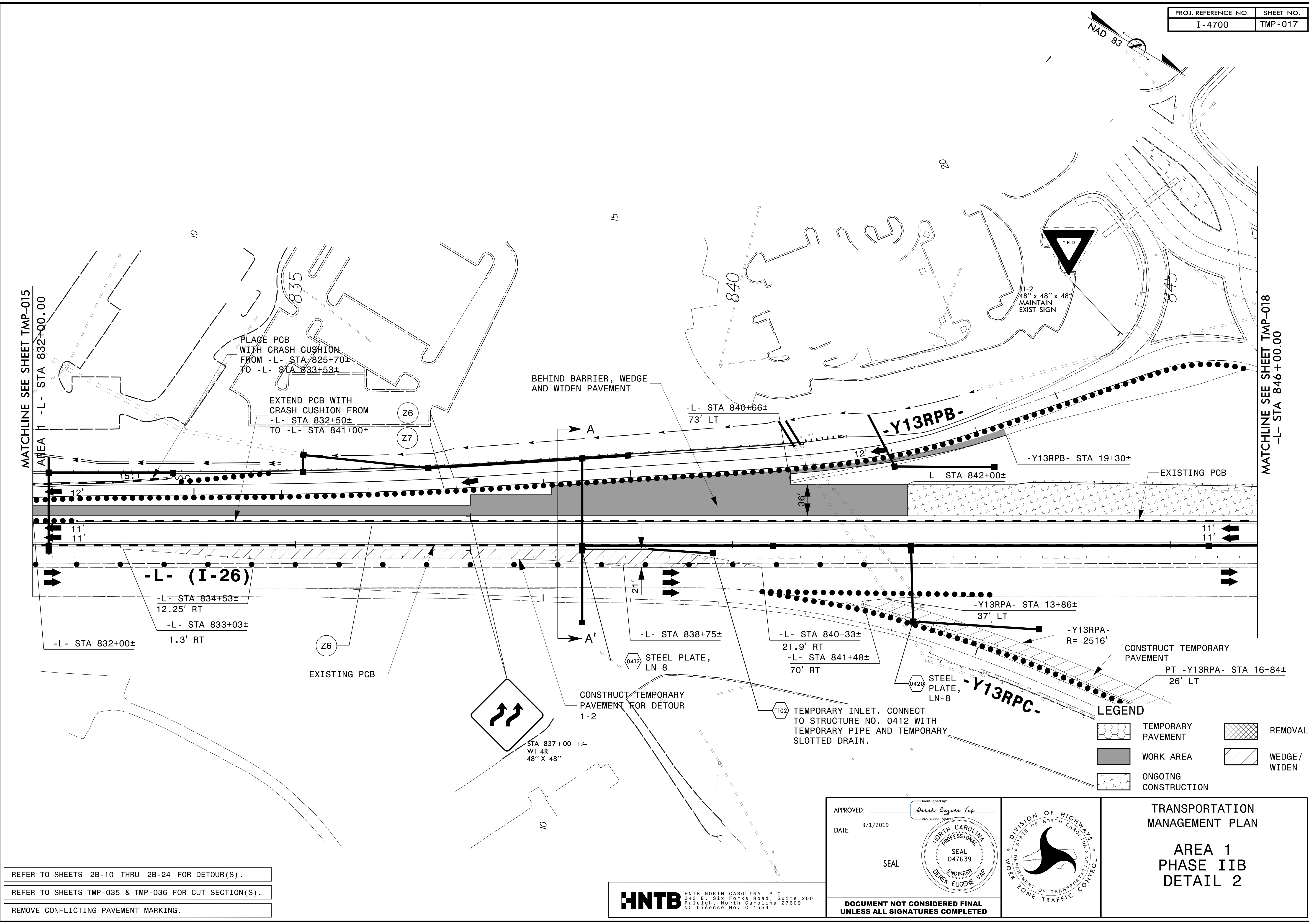
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**TRANSPORTATION MANAGEMENT PLAN**

**AREA 1 PHASE IIB DETAIL 1**

28-FEB-2019 13:34  
I4700A\_Tc\_AIP2BD1.dgn  
HNTB



MATCHLINE SEE SHEET TMP-018  
-L- STA 846+00.00

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

REFER TO SHEETS TMP-035 & TMP-036 FOR CUT SECTION(S).

REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED: *Derek Eugene Vap*

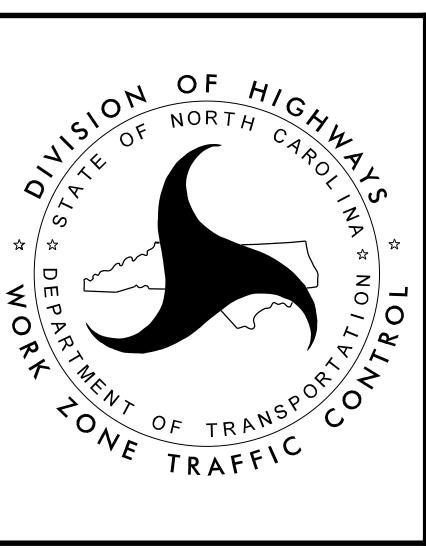
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SEAL

SEAL 047639

ENGINEER EUGENE VAP

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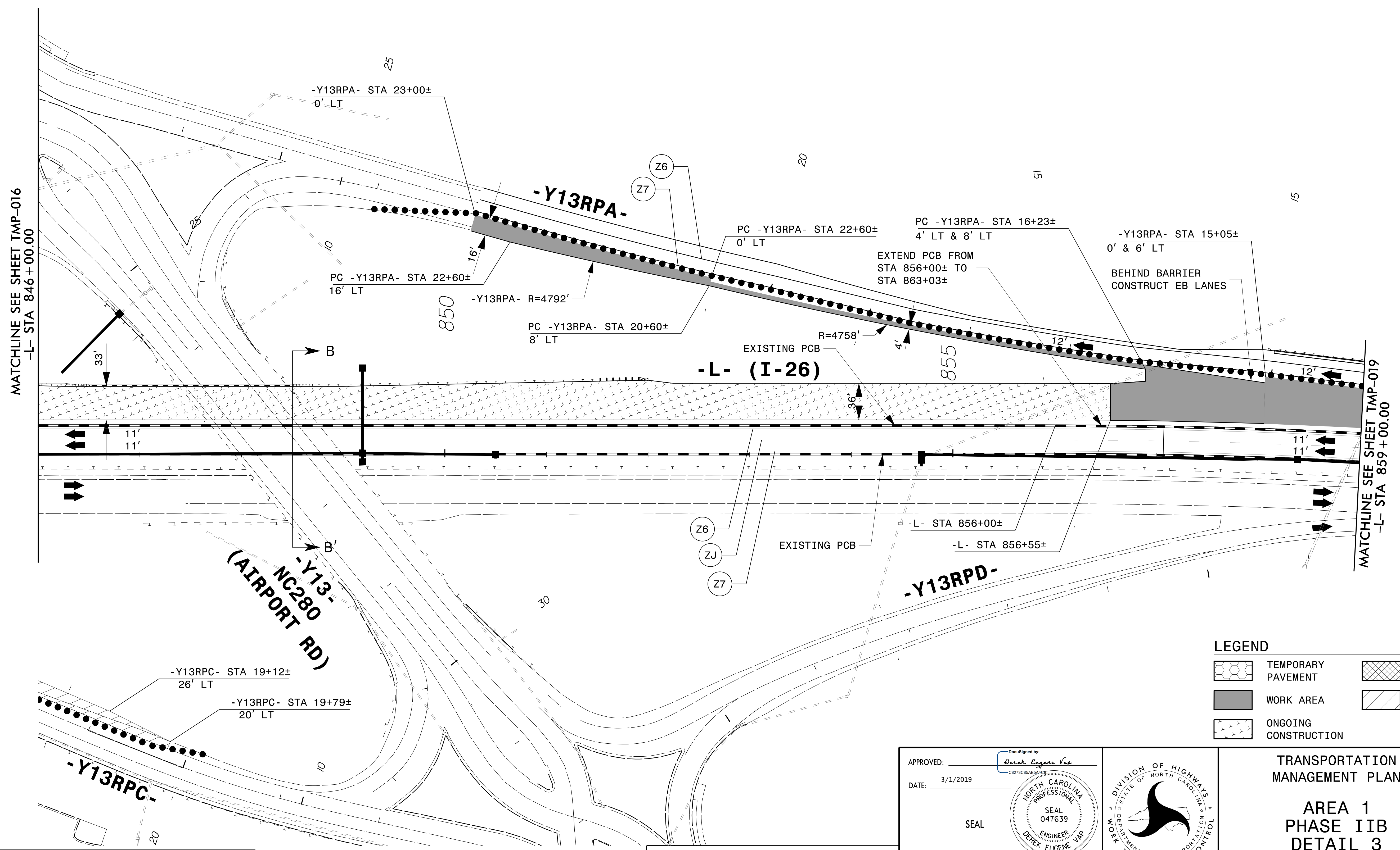
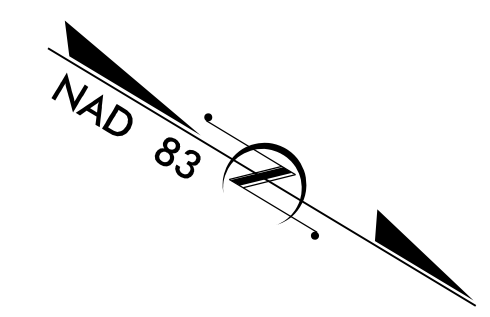
TRANSPORTATION MANAGEMENT PLAN

AREA 1  
PHASE IIB  
DETAIL 2

LEGEND

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:34  
I4700A\_Tc\_AIP2b02.dgn  
HNTB



MATCHLINE SEE SHEET TMP-016  
-L- STA 846+00.00

MATCHLINE SEE SHEET TMP-019  
-L- STA 859+00.00

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

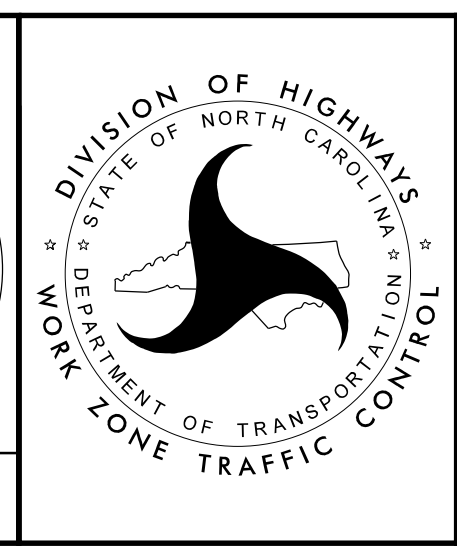
REFER TO SHEETS TMP-035 & TMP-036 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.

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

APPROVED:   
DATE: 3/1/2019  
SEAL

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

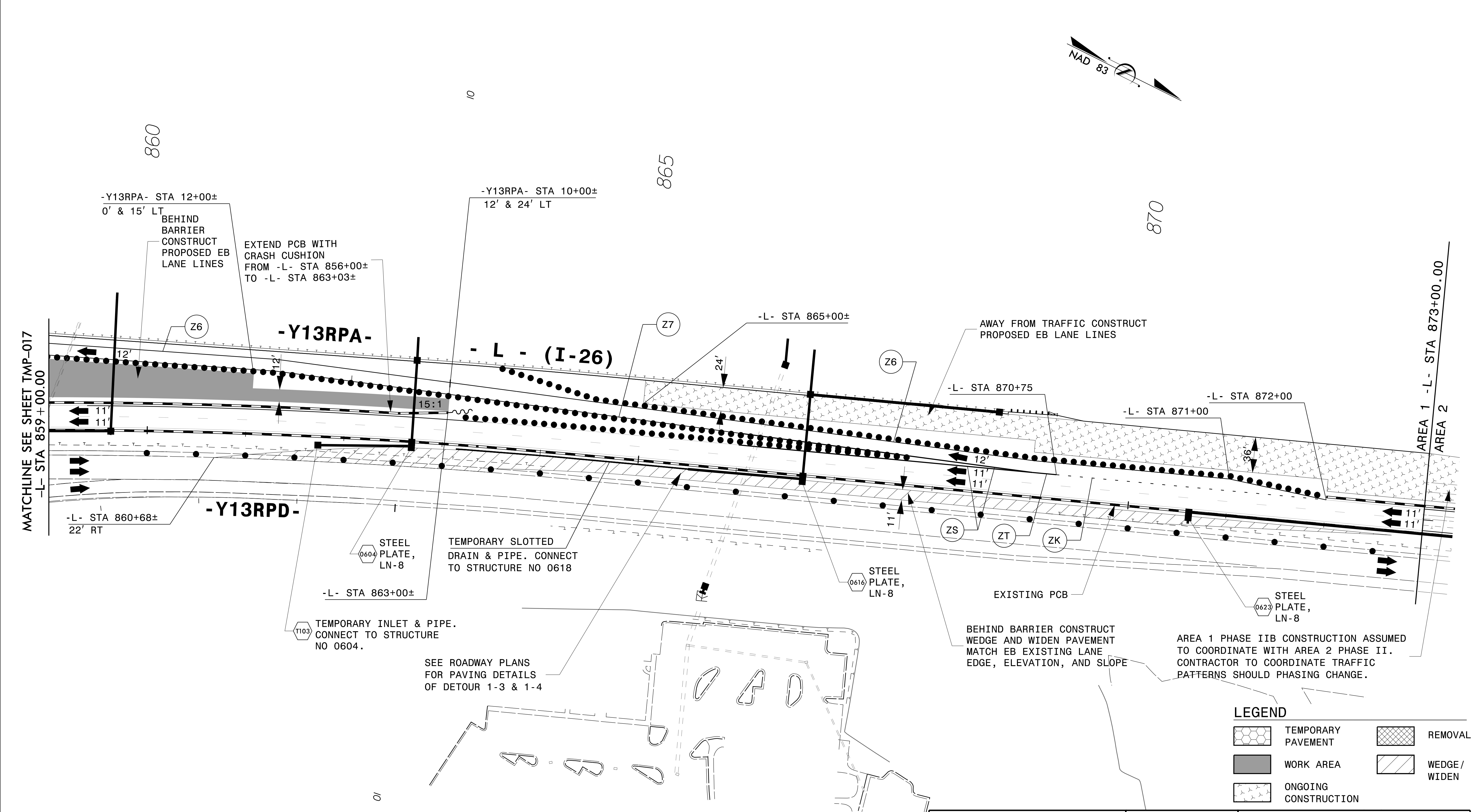
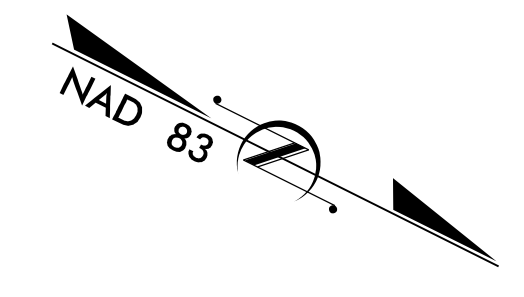
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 1  
PHASE IIB  
DETAIL 3**

28-FEB-2019 13:34  
I4700A\_Tc\_AIP2b03.dgn  
HNTB



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

REMOVE CONFLICTING PAVEMENT MARKING.



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

SEAL

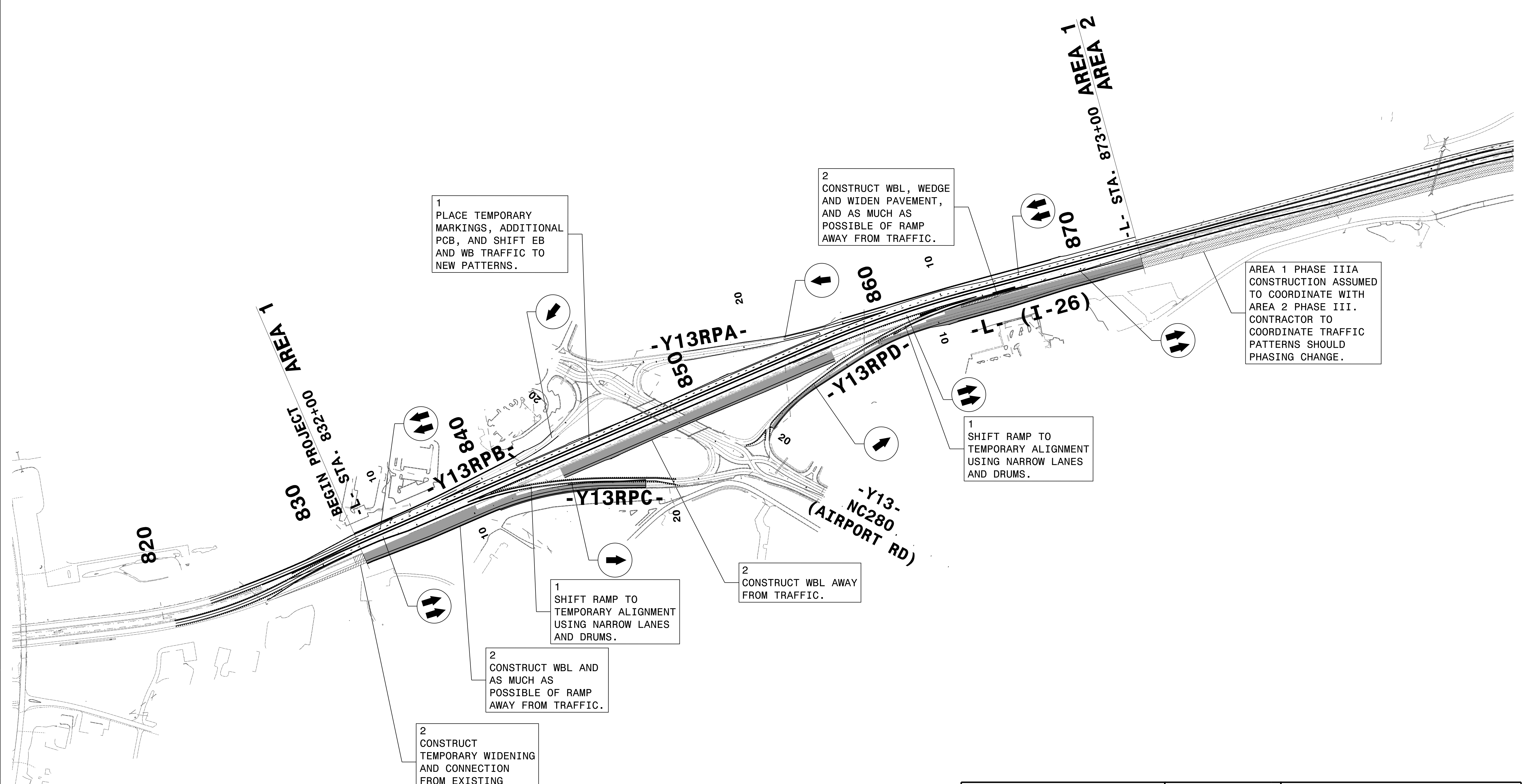
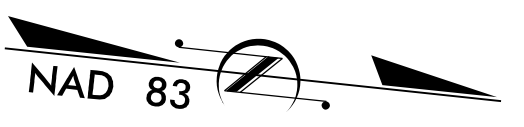
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TRANSPORTATION  
MANAGEMENT PLAN

**AREA 1  
PHASE IIB  
DETAIL 4**

25-APR-2019 18:59  
 I-4700-TC-AIP2b04.dgn  
 HNTB



AREA 1 PHASE IIIA CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 2 PHASE III. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

1 SHIFT RAMP TO TEMPORARY ALIGNMENT USING NARROW LANES AND DRUMS.

2 CONSTRUCT WBL, WEDGE AND WIDEN PAVEMENT, AND AS MUCH AS POSSIBLE OF RAMP AWAY FROM TRAFFIC.

2 CONSTRUCT WBL AWAY FROM TRAFFIC.

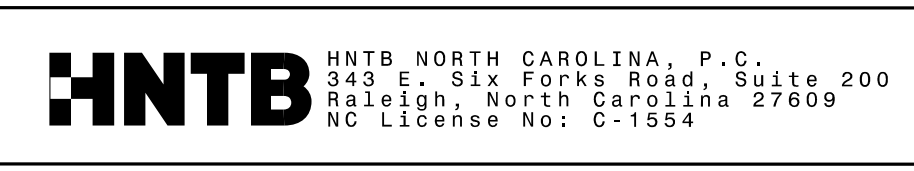
1 SHIFT RAMP TO TEMPORARY ALIGNMENT USING NARROW LANES AND DRUMS.

2 CONSTRUCT WBL AND AS MUCH AS POSSIBLE OF RAMP AWAY FROM TRAFFIC.

2 CONSTRUCT TEMPORARY WIDENING AND CONNECTION FROM EXISTING LANES TO WBL.

1 PLACE TEMPORARY MARKINGS, ADDITIONAL PCB, AND SHIFT EB AND WB TRAFFIC TO NEW PATTERNS.

28-FEB-2019 13:35  
I:\700A\_Tc\_AIP3.dwg  
HNTB

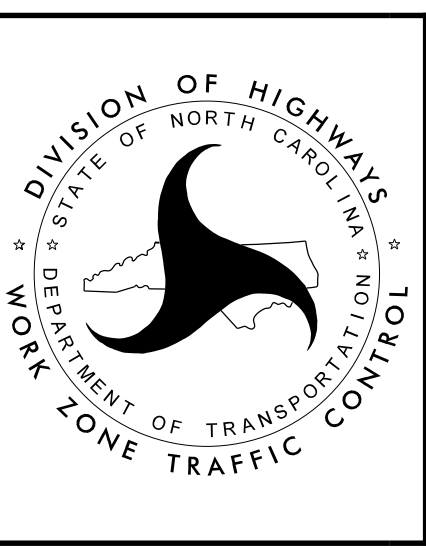


APPROVED: *Derek Eugene Vap*  
DATE: 3/1/2019

SEAL

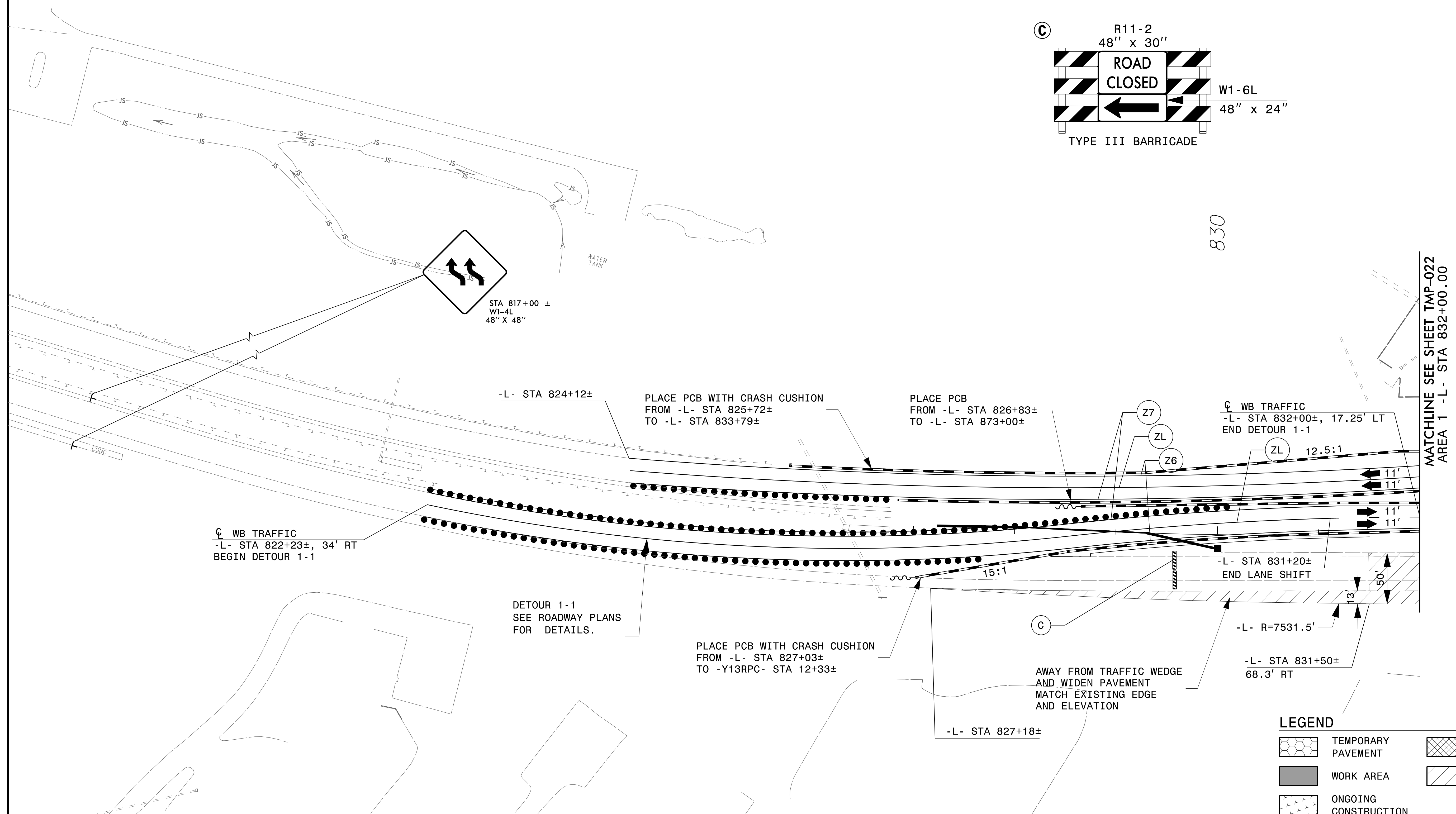
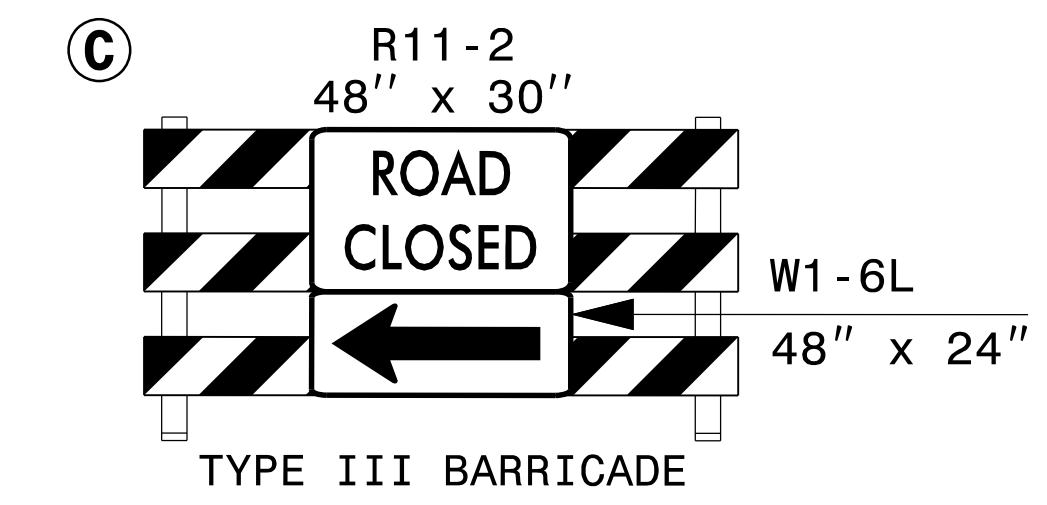
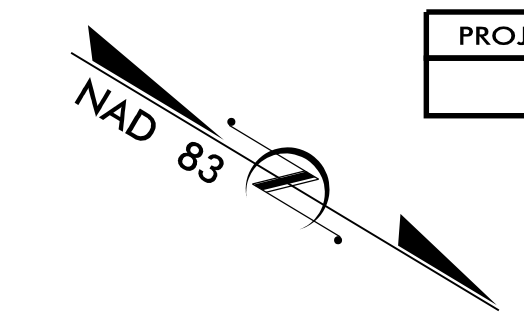
SEAL 047639  
ENGINEER  
DEREK EUGENE VAP

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TRANSPORTATION MANAGEMENT PLAN

AREA 1 PHASE IIIA OVERVIEW



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 I4700A\_Tc\_AIP3AD1.dgn  
 HNTB

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

CONTRACTOR SHALL COORDINATE TRAFFIC PATTERNS WITH I-4400C IF CONSTRUCTION BEGINS PRIOR TO COMPLETION OF I-4700A.

REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED: *Dezek Eugene Yip*

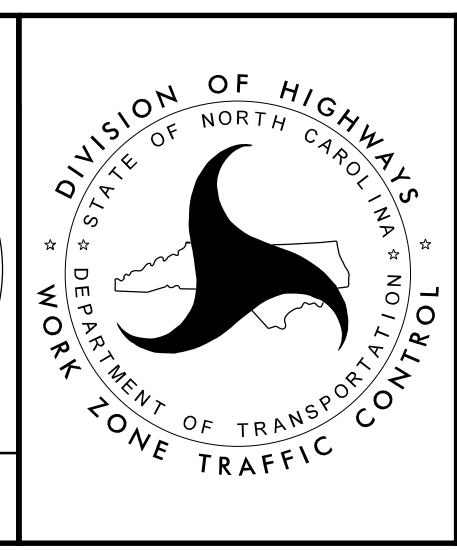
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SEAL

SEAL 047639

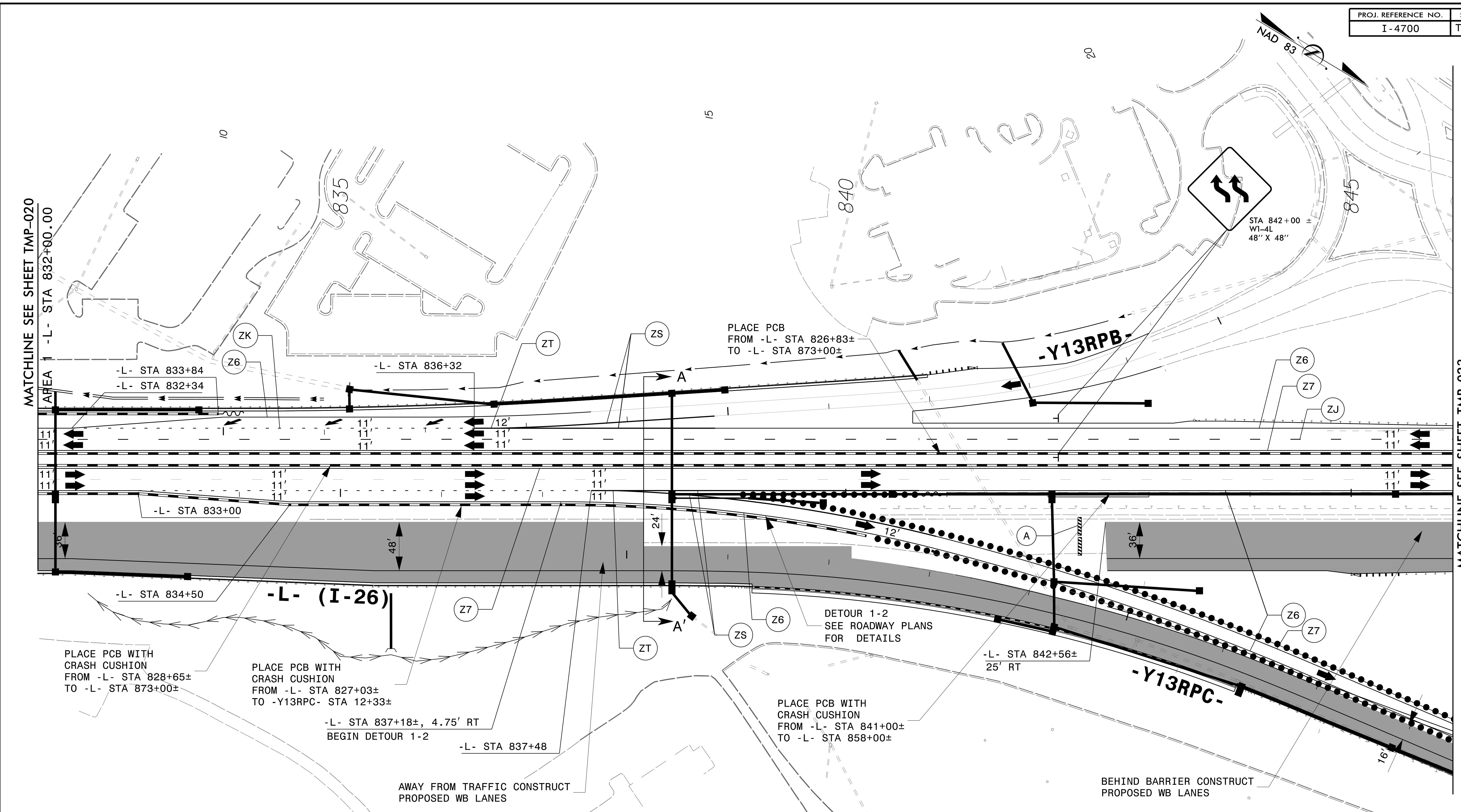
ENGINEER DEZEK EUGENE YIP

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



TRANSPORTATION MANAGEMENT PLAN

AREA 1 PHASE IIIA DETAIL 1



MATCHLINE SEE SHEET TMP-020  
AREA -L- STA 832+00.00

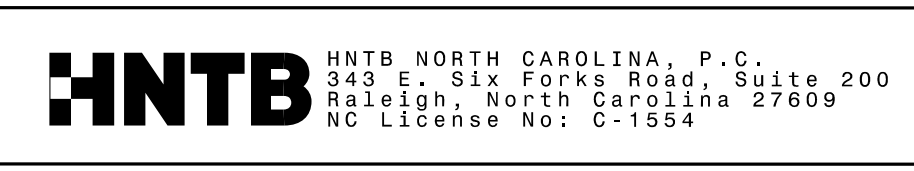
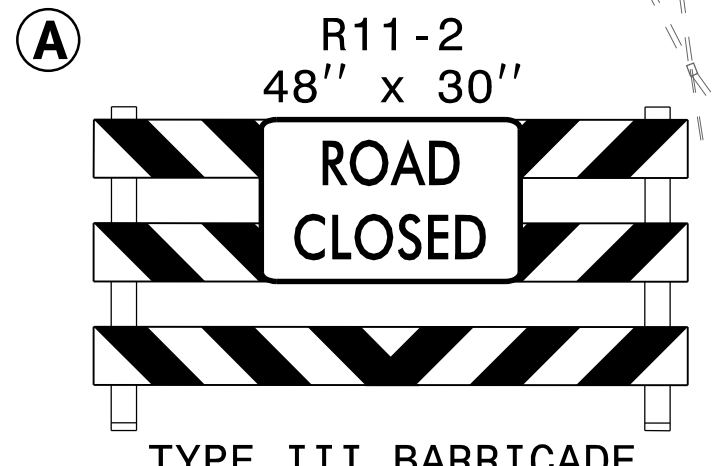
MATCHLINE SEE SHEET TMP-023  
-L- STA 846+00.00

PLACE PCB WITH CRASH CUSHION FROM -L- STA 828+65± TO -L- STA 873+00±

PLACE PCB WITH CRASH CUSHION FROM -L- STA 827+03± TO -Y13RPC- STA 12+33±

-L- STA 837+18±, 4.75' RT BEGIN DETOUR 1-2

PLACE PCB WITH CRASH CUSHION FROM -L- STA 841+00± TO -L- STA 858+00±

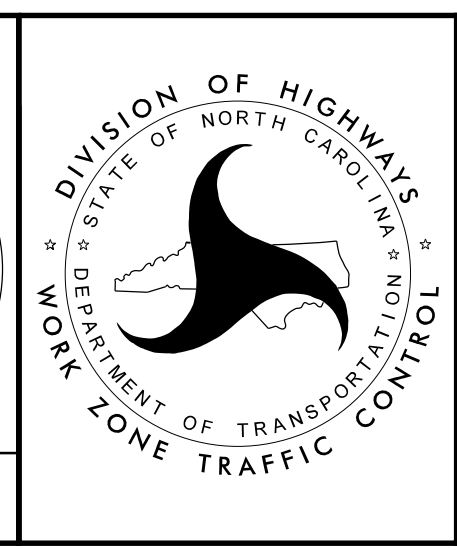


**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

- REFER TO SHEETS 2B-10 THRU 2B-24 FOR DETOUR(S).
- REFER TO SHEETS TMP-035 & TMP-036 FOR CUT SECTION(S).
- REMOVE CONFLICTING PAVEMENT MARKING.

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

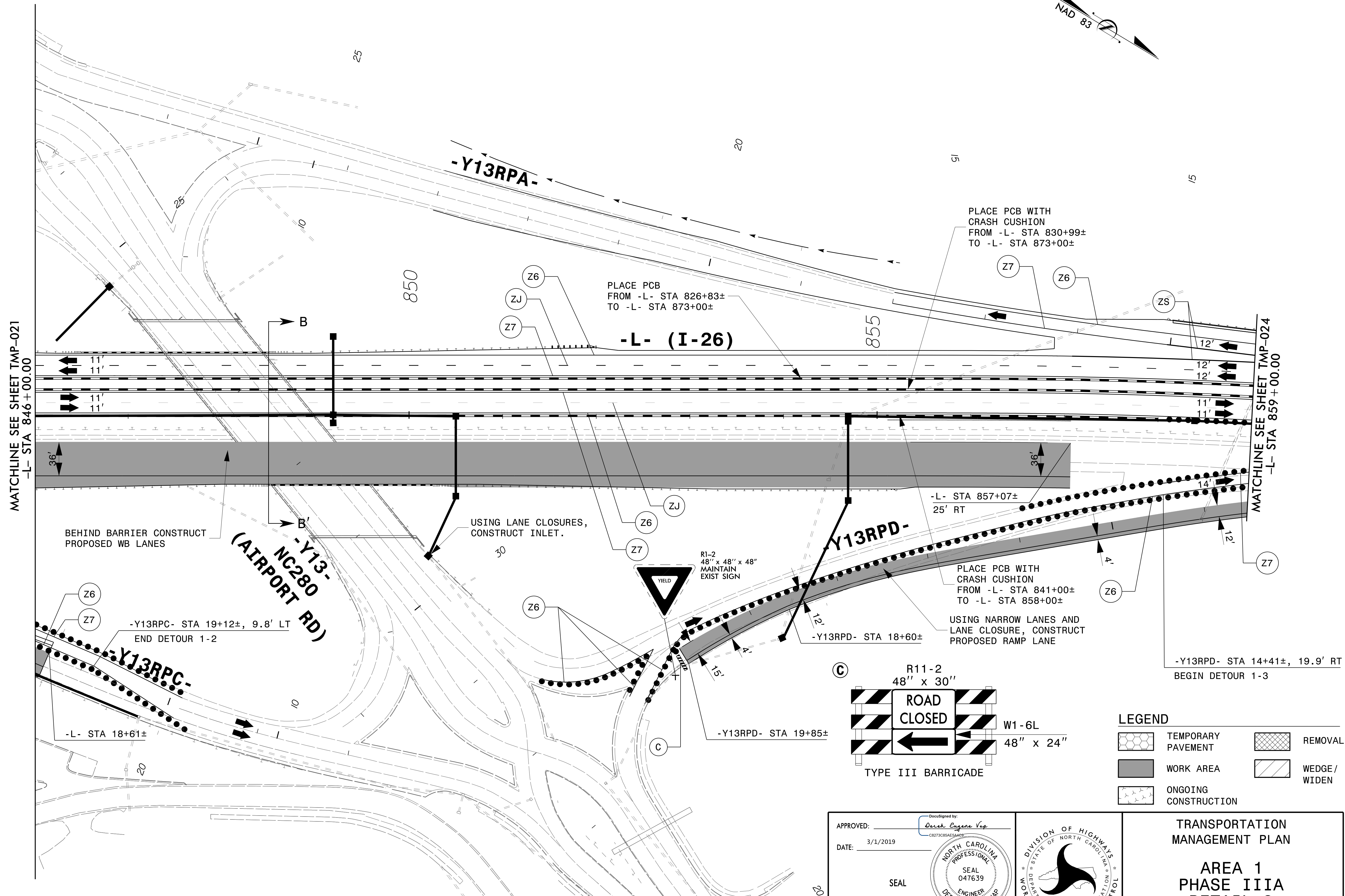
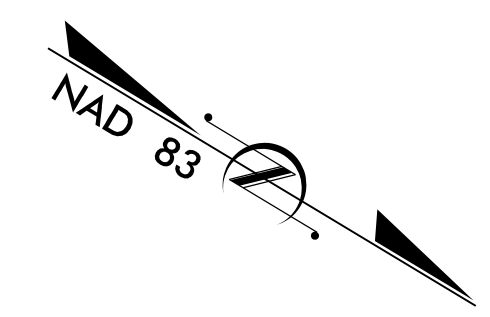


**TRANSPORTATION MANAGEMENT PLAN**

**AREA 1  
PHASE IIIA  
DETAIL 2**

28-FEB-2019 13:35  
 I4700A\_Tc\_AIP3.dwg  
 HNTB





MATCHLINE SEE SHEET TMP-021  
-L- STA 846+00.00

MATCHLINE SEE SHEET TMP-024  
-L- STA 859+00.00

BEHIND BARRIER CONSTRUCT PROPOSED WB LANES

**-Y13-NC280 (AIRPORT RD)**  
-Y13RPC- STA 19+12±, 9.8' LT  
END DETOUR 1-2

USING LANE CLOSURES, CONSTRUCT INLET.

PLACE PCB FROM -L- STA 826+83± TO -L- STA 873+00±

PLACE PCB WITH CRASH CUSHION FROM -L- STA 830+99± TO -L- STA 873+00±

PLACE PCB WITH CRASH CUSHION FROM -L- STA 841+00± TO -L- STA 858+00±

USING NARROW LANES AND LANE CLOSURE, CONSTRUCT PROPOSED RAMP LANE

-Y13RPD- STA 14+41±, 19.9' RT  
BEGIN DETOUR 1-3

-Y13RPD- STA 19+85±

R11-2  
48" x 30"



TYPE III BARRICADE

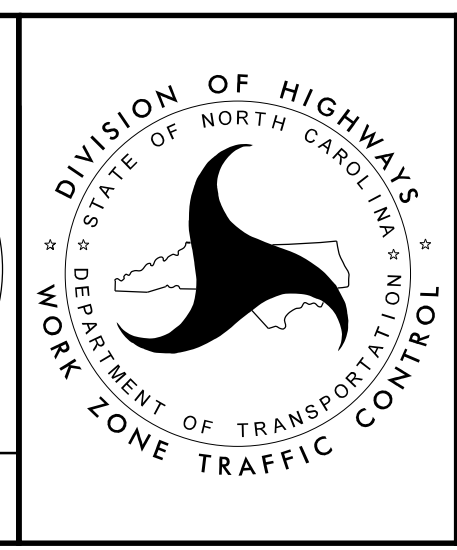
**LEGEND**

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

REFER TO SHEETS TMP-035 & TMP-036 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

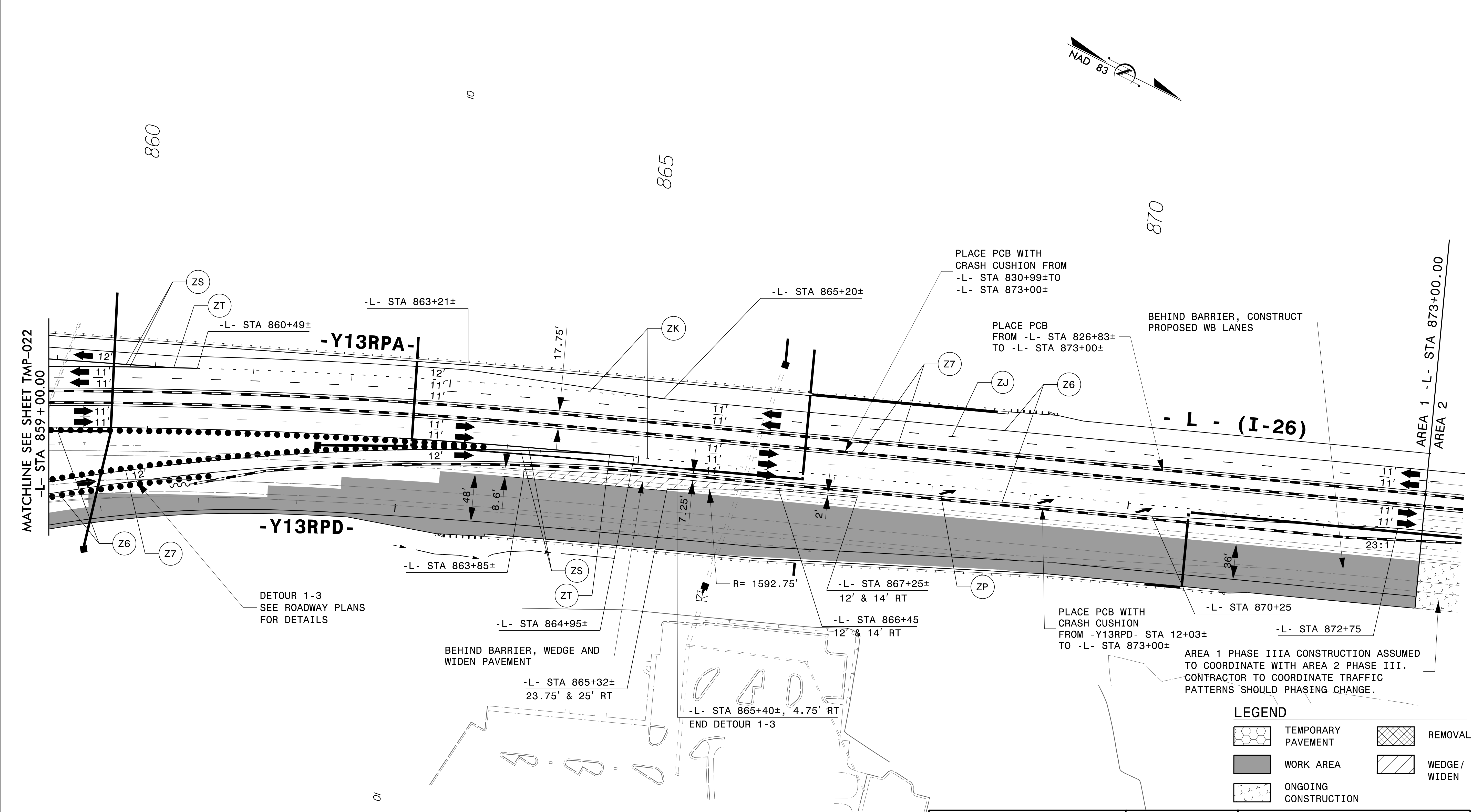
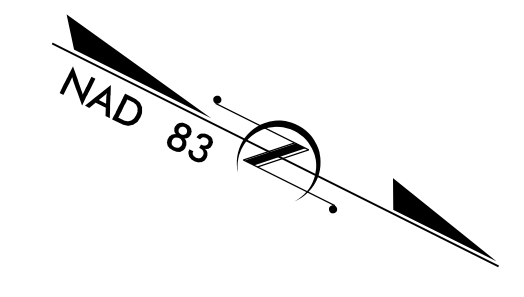
APPROVED: *Dezek Eugene Vap*  
DATE: 3/1/2019  
SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
DEZEK EUGENE VAP  
SEAL 047639



**TRANSPORTATION MANAGEMENT PLAN**  
**AREA 1**  
**PHASE IIIA**  
**DETAIL 3**

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28-FEB-2019 13:35  
I4700A\_Tc\_AIP3.dwg  
HNTB



MATCHLINE SEE SHEET TMP-022  
-L- STA 859+00.00

AREA 1 -L- STA 873+00.00  
AREA 2

DETOUR 1-3  
SEE ROADWAY PLANS  
FOR DETAILS

BEHIND BARRIER, WEDGE AND  
WIDEN PAVEMENT

PLACE PCB WITH  
CRASH CUSHION  
FROM -Y13RPD- STA 12+03±  
TO -L- STA 873+00±

AREA 1 PHASE IIIA CONSTRUCTION ASSUMED  
TO COORDINATE WITH AREA 2 PHASE III.  
CONTRACTOR TO COORDINATE TRAFFIC  
PATTERNS SHOULD PHASING CHANGE.

**LEGEND**

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

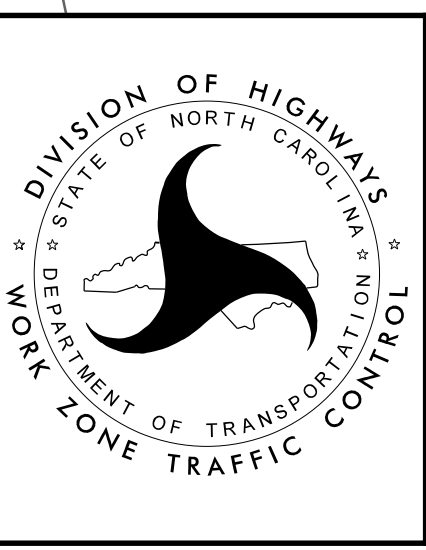
REFER TO SHEETS 2B-10 THRU 2B-24 FOR DETOUR(S).  
REMOVE CONFLICTING PAVEMENT MARKING.



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

SEAL

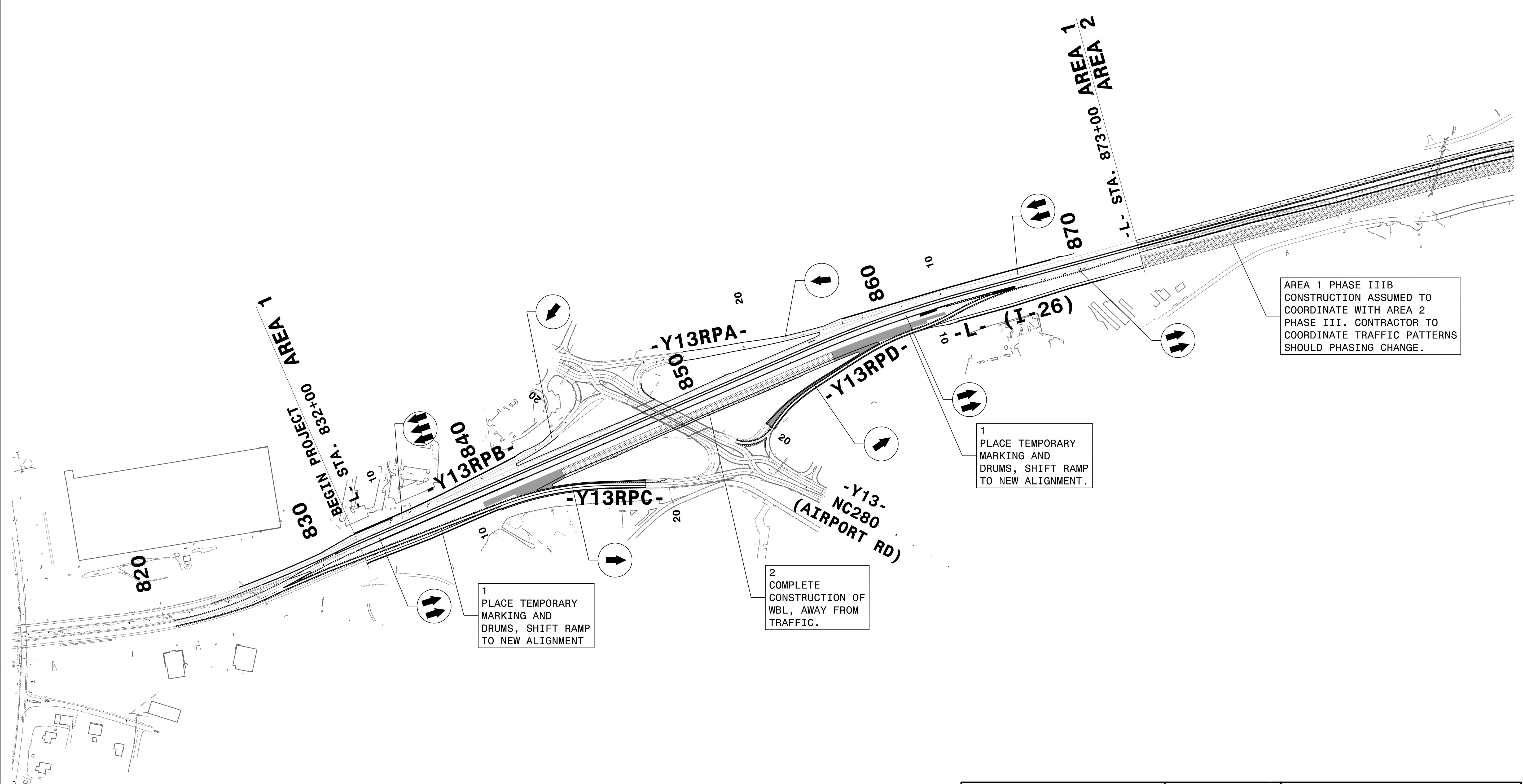
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**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 1  
PHASE IIIA  
DETAIL 4**

25-APR-2019 19:09  
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HNTB



28-FEB-2019 13:35  
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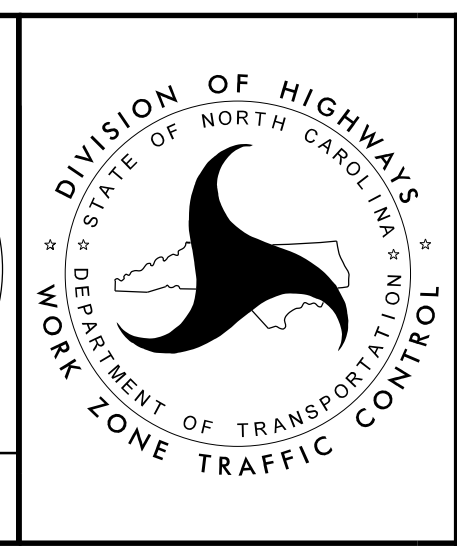
**HNTB** HNTB NORTH CAROLINA, P.C.  
 343 E. SIX FORKS ROAD, SUITE 200  
 RALEIGH, NORTH CAROLINA 27609  
 NC LICENSE NO: C-1554

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

SEAL

DocuSigned by:  
 Derek Eugene Vap  
 C8273C85A8E9468

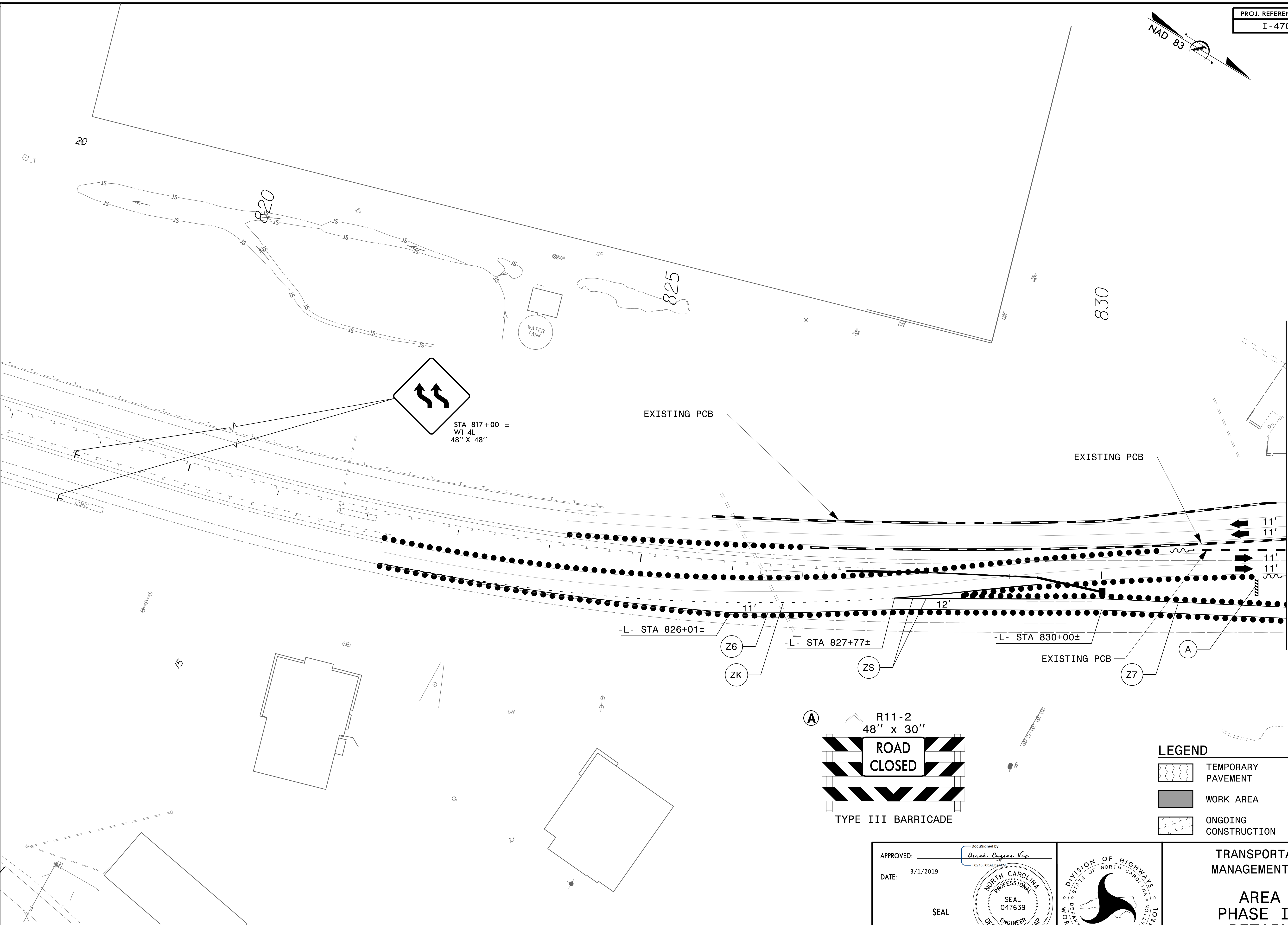
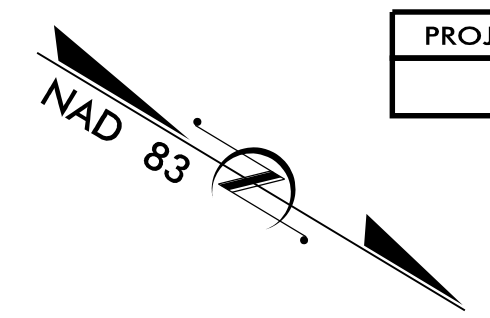
**NORTH CAROLINA**  
 PROFESSIONAL  
 SEAL  
 047639  
 ENGINEER  
 DEREK EUGENE VAP



TRANSPORTATION  
 MANAGEMENT PLAN

**AREA 1  
 PHASE IIIB  
 OVERVIEW**

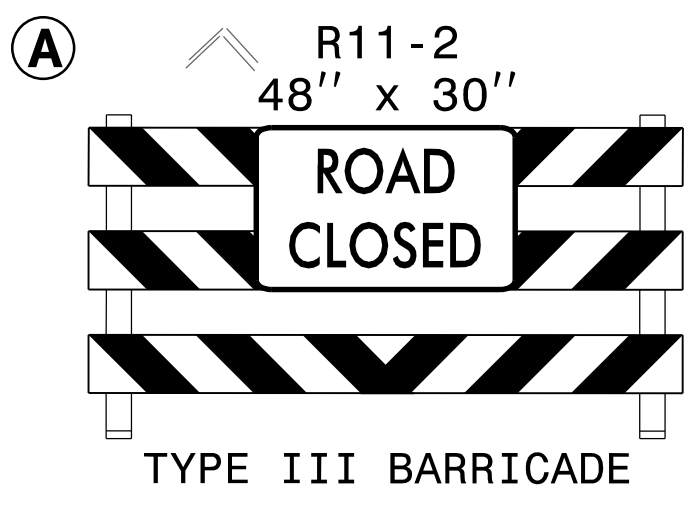
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MATCHLINE SEE SHEET TMP-027  
AREA 1 -L- STA 832+00.00

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

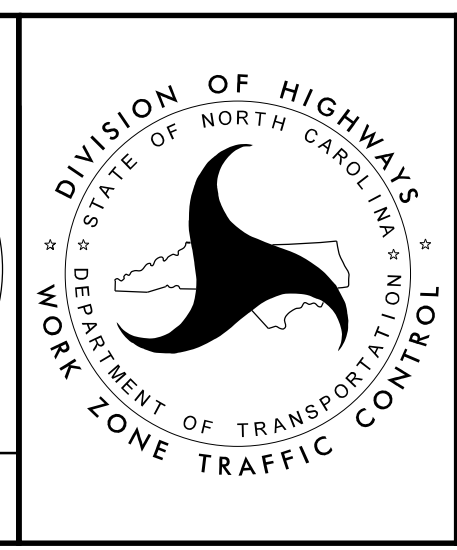


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HNTB

CONTRACTOR SHALL COORDINATE TRAFFIC PATTERNS WITH I-4400C  
IF CONSTRUCTION BEGINS PRIOR TO COMPLETION OF I-4700A.  
REMOVE CONFLICTING PAVEMENT MARKING.



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

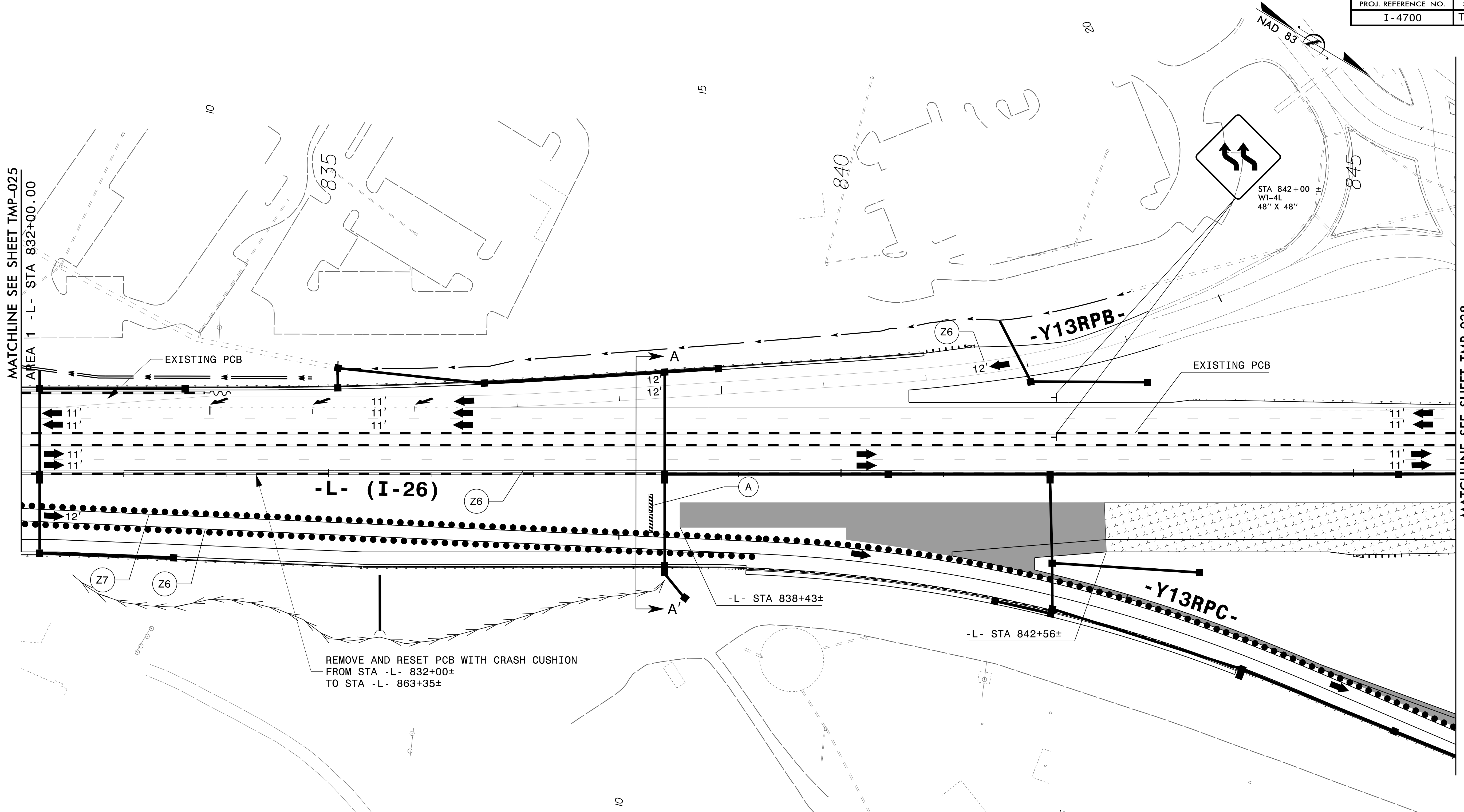


**TRANSPORTATION  
MANAGEMENT PLAN**  
  
**AREA 1  
PHASE IIIB  
DETAIL 1**

**DOCUMENT NOT CONSIDERED FINAL  
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MATCHLINE SEE SHEET TMP-025  
AREA 1 -L- STA 832+00.00

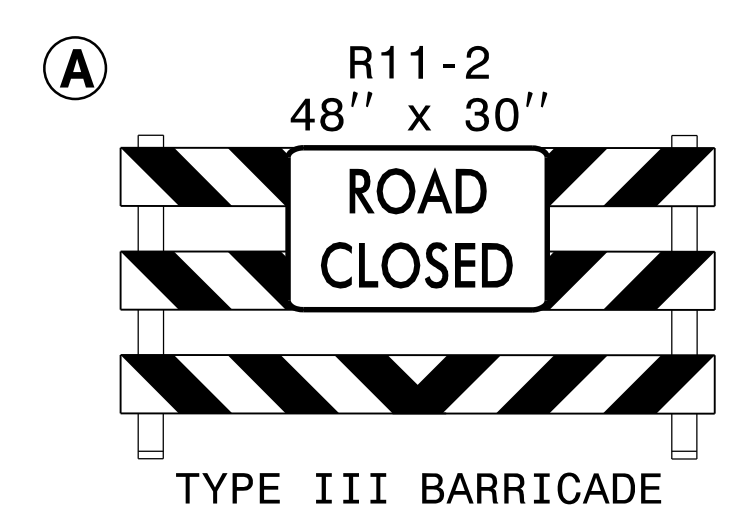
MATCHLINE SEE SHEET TMP-028  
-L- STA 846+00.00



REMOVE AND RESET PCB WITH CRASH CUSHION  
FROM STA -L- 832+00±  
TO STA -L- 863+35±

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		



REFER TO SHEETS TMP-035 & TMP-036 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.



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

SEAL

DocuSigned by:  
Derek Eugene Vap  
C8279C85A8E9468

SEAL  
047639  
ENGINEER  
DEREK EUGENE VAP

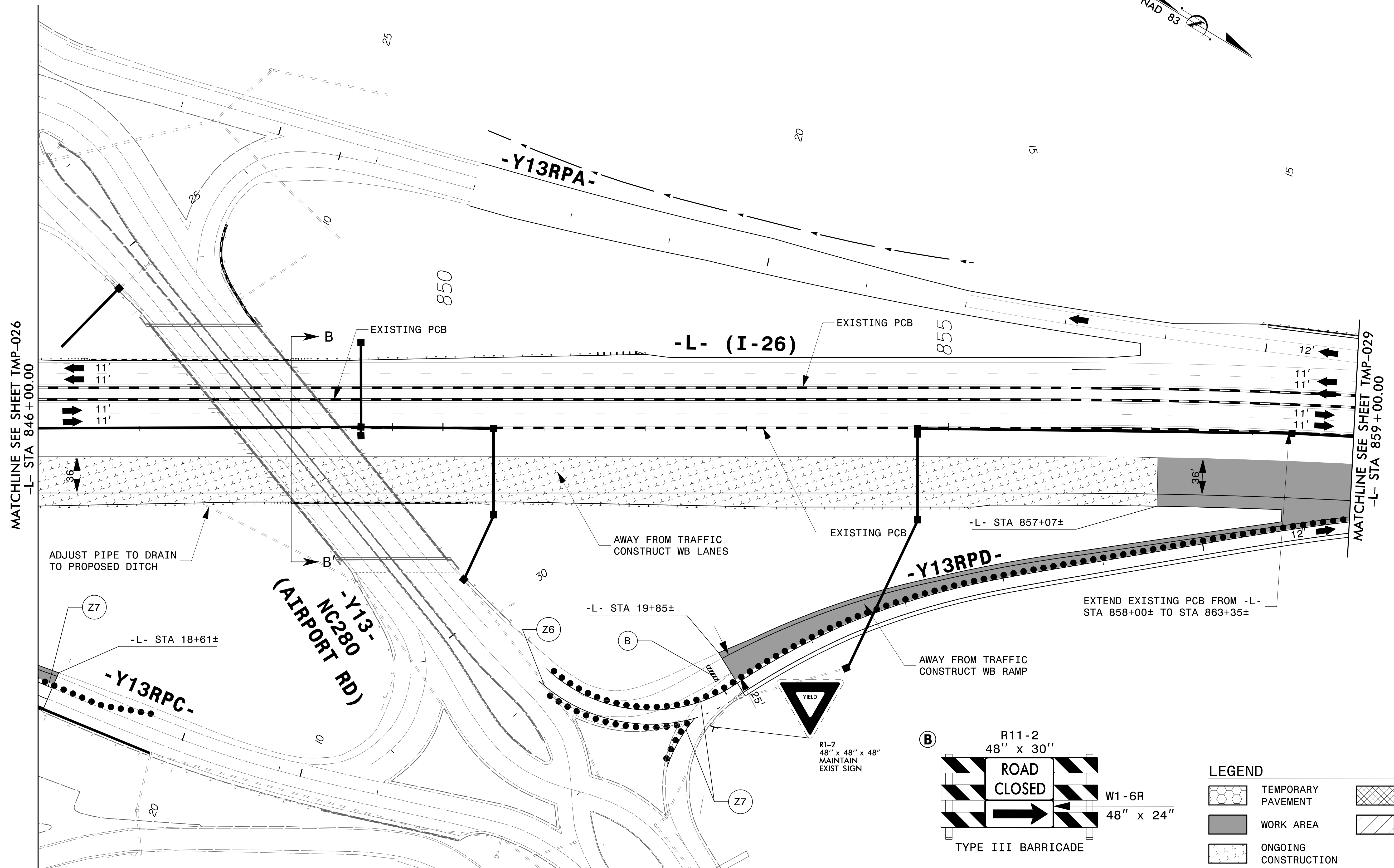
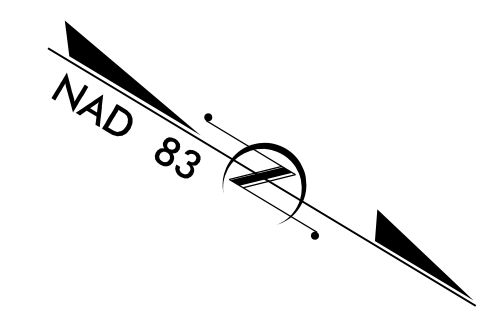
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TRANSPORTATION  
MANAGEMENT PLAN

AREA 1  
PHASE IIIB  
DETAIL 2

28-FEB-2019 13:36  
I4700A\_Tc\_AIP3BD2.dgn  
HNTB



MATCHLINE SEE SHEET TMP-026  
-L- STA 846+00.00

MATCHLINE SEE SHEET TMP-029  
-L- STA 859+00.00

ADJUST PIPE TO DRAIN TO PROPOSED DITCH

AWAY FROM TRAFFIC  
CONSTRUCT WB LANES

EXISTING PCB

-L- STA 857+07±

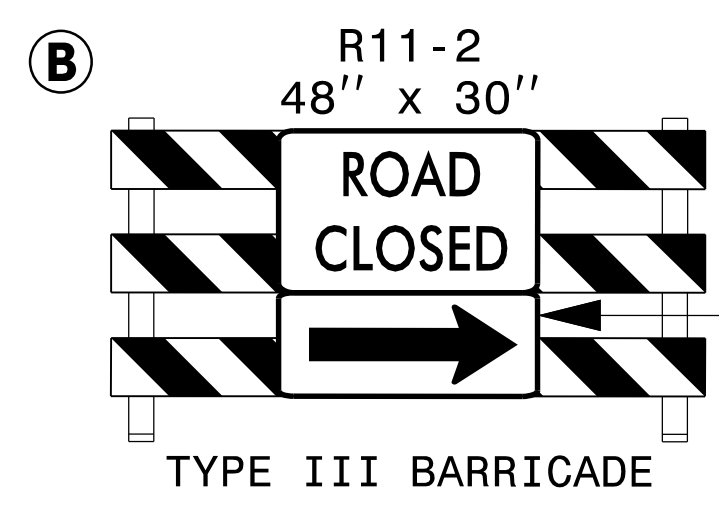
EXTEND EXISTING PCB FROM -L- STA 858+00± TO STA 863+35±

AWAY FROM TRAFFIC  
CONSTRUCT WB RAMP

-L- STA 18+61±

-L- STA 19+85±

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



TYPE III BARRICADE

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-035 & TMP-036 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

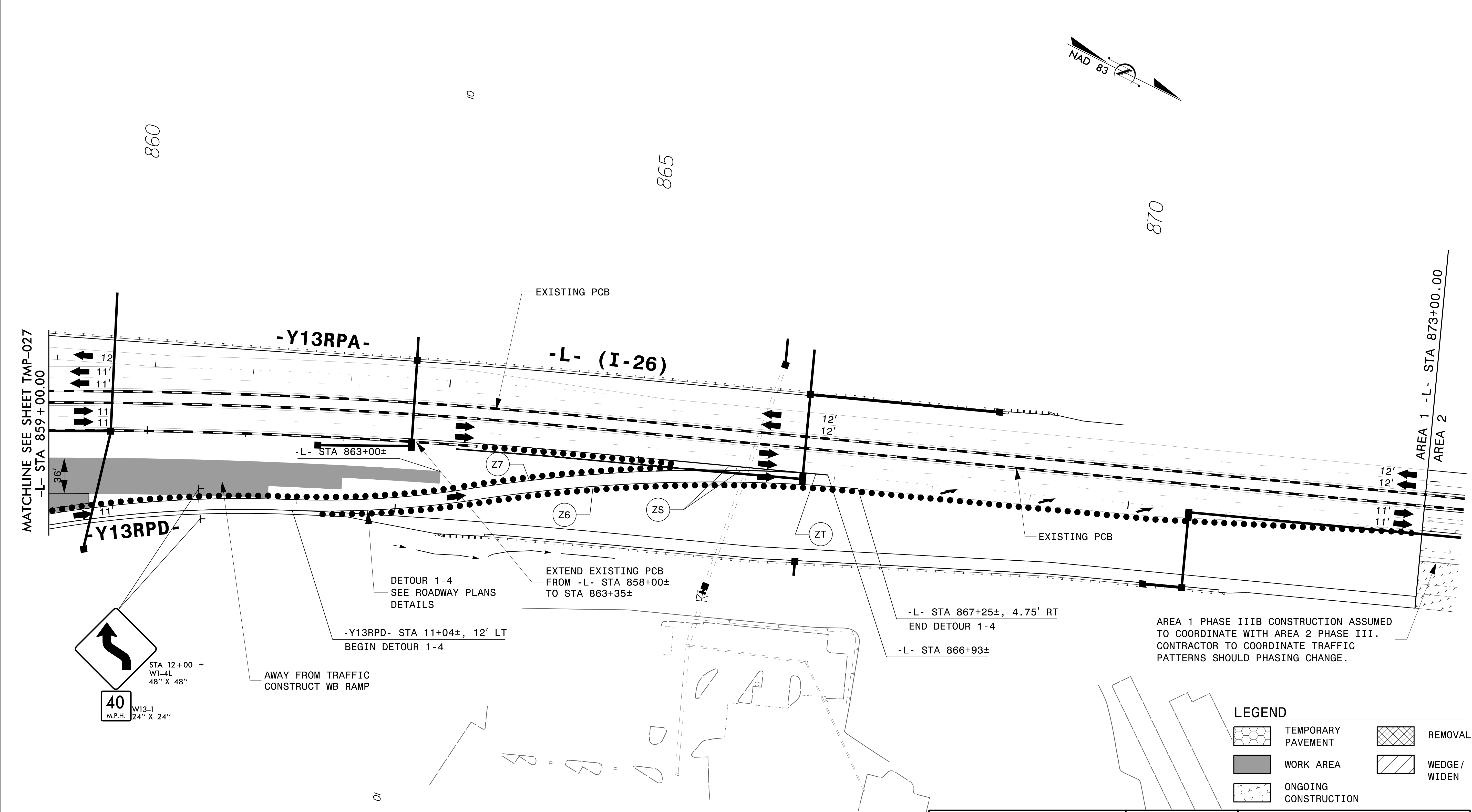
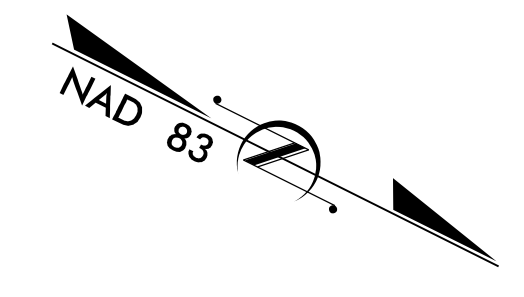
APPROVED: *Derek Eugene Vap*  
DATE: 3/1/2019  
SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
DEREK EUGENE VAP  
SEAL 047639



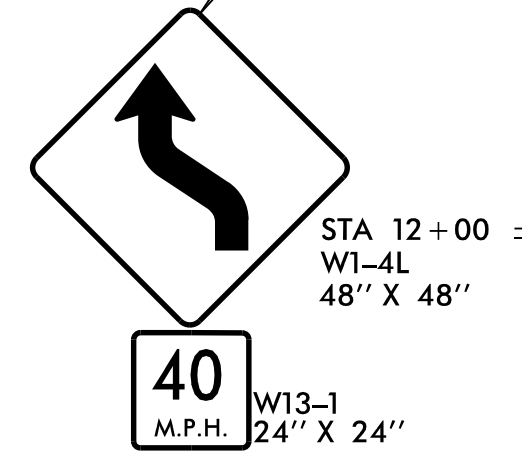
TRANSPORTATION MANAGEMENT PLAN  
**AREA 1  
PHASE IIIB  
DETAIL 3**

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28-FEB-2019 13:36  
I:\700A\_Tc\_AIP3\303.dgn  
HNTB



MATCHLINE SEE SHEET TMP-027  
-L- STA 859+00.00



**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

AREA 1 PHASE IIIB CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 2 PHASE III. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

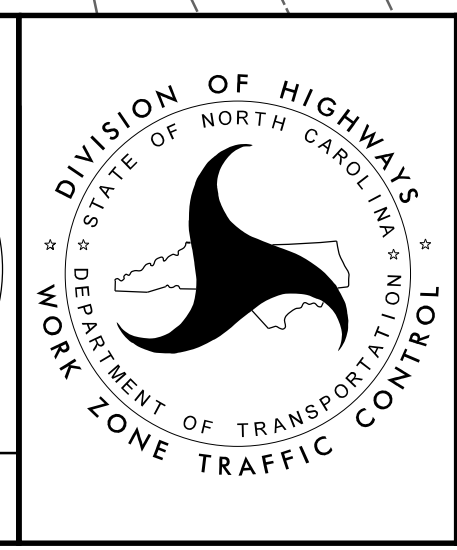
REFER TO SHEETS 2B-10 THRU 2B-24 FOR DETOUR(S).  
REMOVE CONFLICTING PAVEMENT MARKING.



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

SEAL

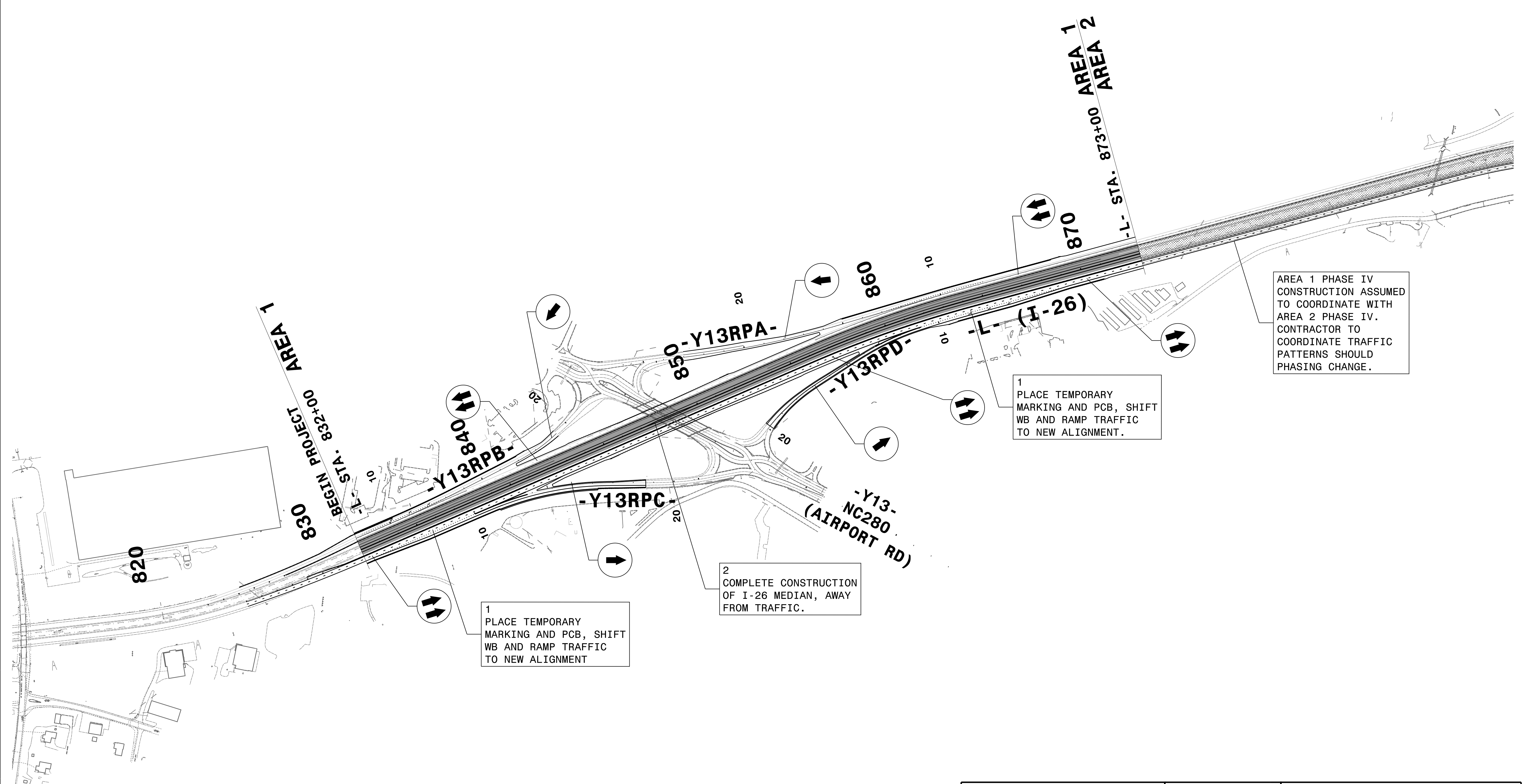
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 1 PHASE IIIB DETAIL 4**

25-APR-2019 18:59  
I-4700-TG-AIP3504.dgn  
HNTB



AREA 1 PHASE IV CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 2 PHASE IV. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

1 PLACE TEMPORARY MARKING AND PCB, SHIFT WB AND RAMP TRAFFIC TO NEW ALIGNMENT.

2 COMPLETE CONSTRUCTION OF I-26 MEDIAN, AWAY FROM TRAFFIC.

1 PLACE TEMPORARY MARKING AND PCB, SHIFT WB AND RAMP TRAFFIC TO NEW ALIGNMENT.

28-FEB-2019 13:36  
14700A\_Tc\_AIP4.ov.dgn  
HNTB

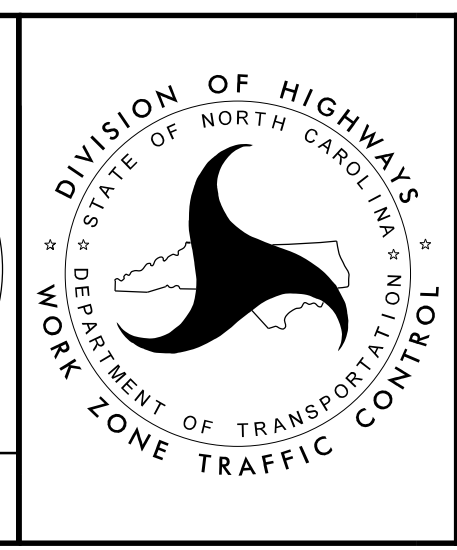
**HNTB** HNTB NORTH CAROLINA, P.C.  
343 E. SIX FORKS ROAD, SUITE 200  
RALEIGH, NORTH CAROLINA 27609  
NC LICENSE NO: C-1554

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

SEAL

SEAL 047639  
ENGINEER  
DEREK EUGENE VAP

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UNLESS ALL SIGNATURES COMPLETED

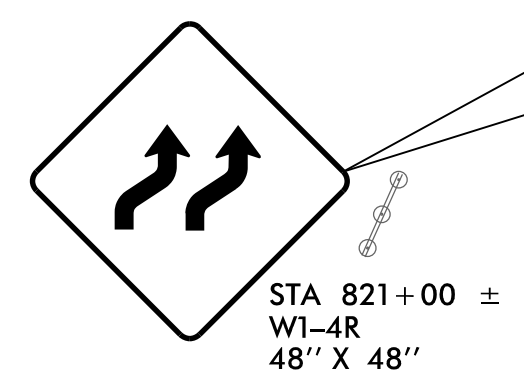
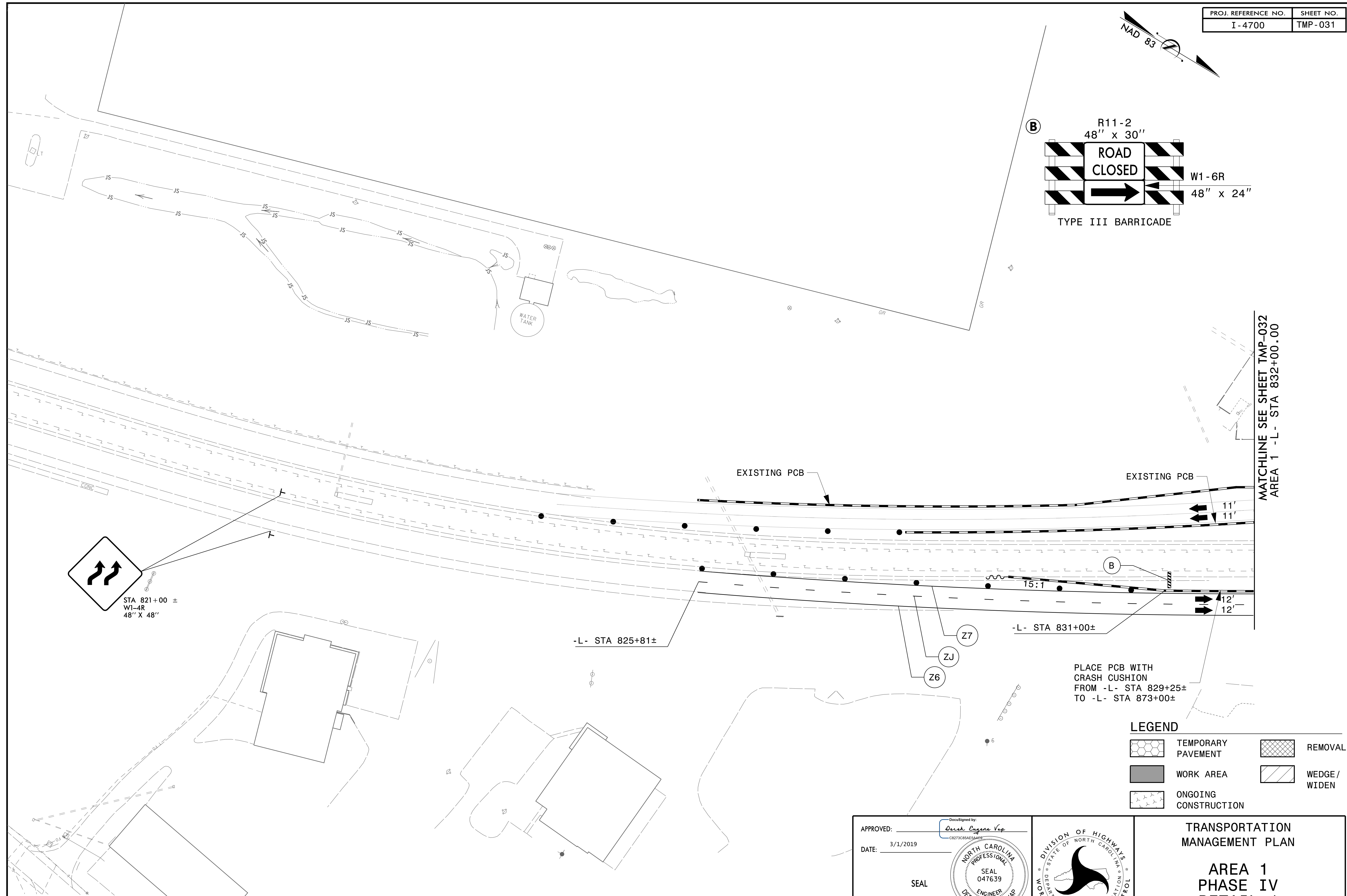
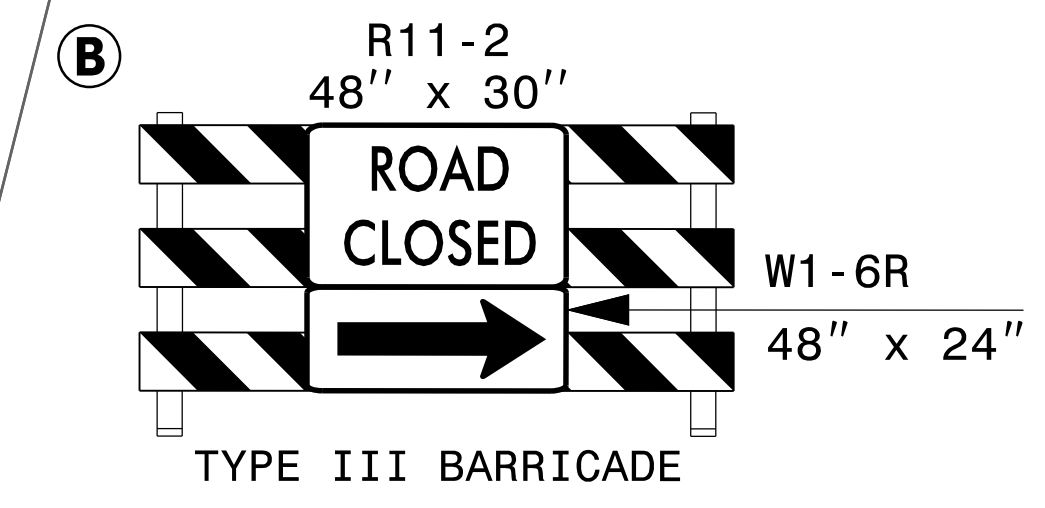
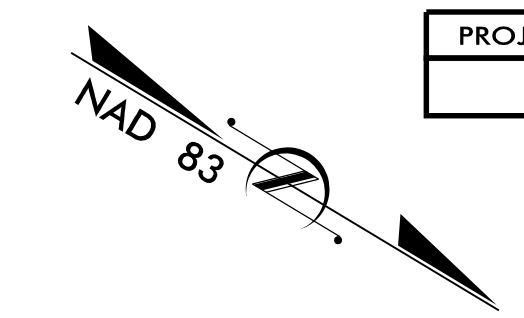


TRANSPORTATION MANAGEMENT PLAN

AREA 1 PHASE IV OVERVIEW

DEPARTMENT OF TRANSPORTATION  
STATE OF NORTH CAROLINA  
WORK ZONE TRAFFIC CONTROL





PLACE PCB WITH CRASH CUSHION FROM -L- STA 829+25± TO -L- STA 873+00±

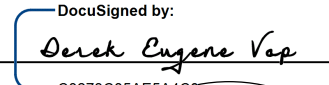
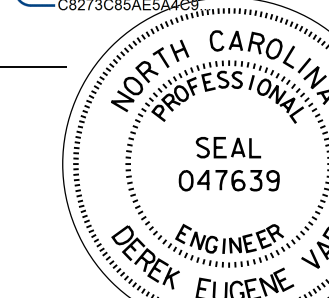
**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

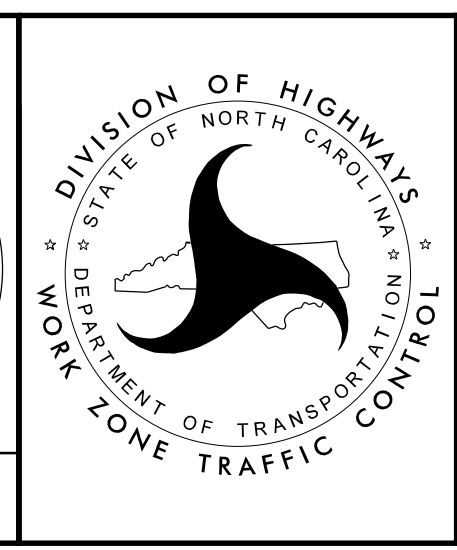
28-FEB-2019 13:36  
I-4700A\_Tc\_AIP4D.dgn  
HNTB

CONTRACTOR SHALL COORDINATE TRAFFIC PATTERNS WITH I-4400C IF CONSTRUCTION BEGINS PRIOR TO COMPLETION OF I-4700A.  
REMOVE CONFLICTING PAVEMENT MARKING.



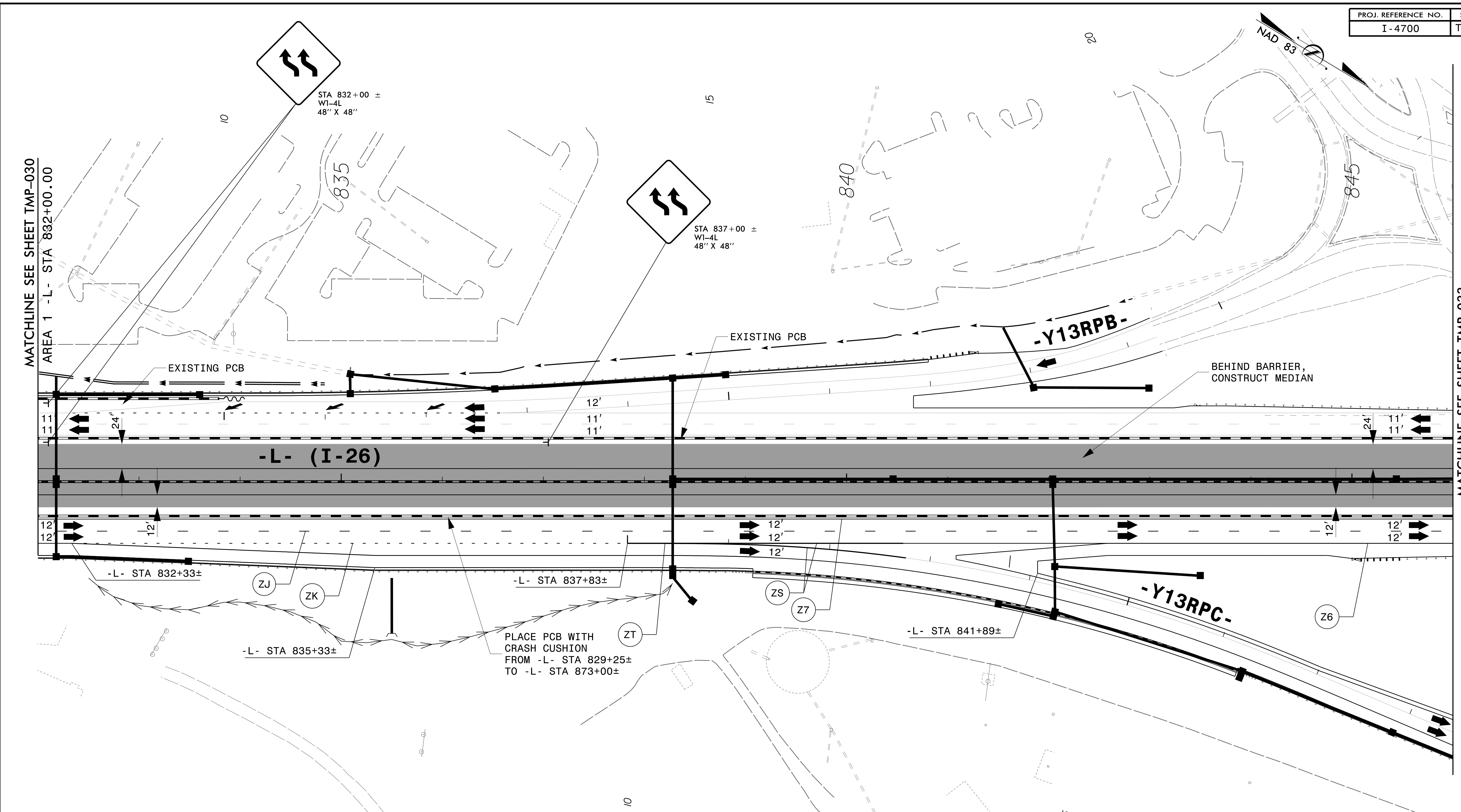
APPROVED:   
DATE: 3/1/2019  
SEAL: 

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



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 1  
PHASE IV  
DETAIL 1**



MATCHLINE SEE SHEET TMP-030  
AREA 1 -L- STA 832+00.00

MATCHLINE SEE SHEET TMP-033  
-L- STA 846+00.00

STA 832+00 ±  
W1-4L  
48" X 48"

STA 837+00 ±  
W1-4L  
48" X 48"

-L- (I-26)

-Y13RPB-

-Y13RPC-

PLACE PCB WITH  
CRASH CUSHION  
FROM -L- STA 829+25±  
TO -L- STA 873+00±

-L- STA 832+33±

-L- STA 837+83±

-L- STA 841+89±

-L- STA 835+33±

**LEGEND**

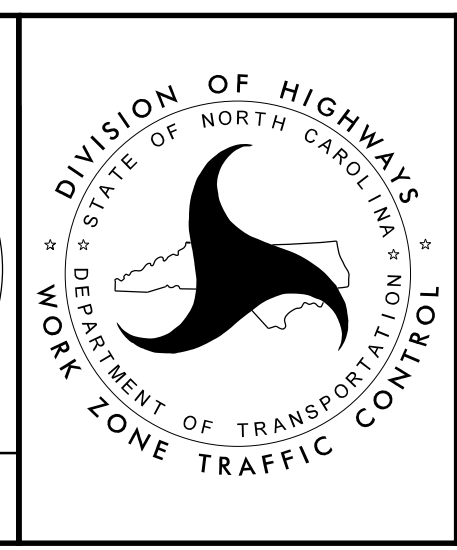
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|--|----------------------|--|---------------|
|  | TEMPORARY PAVEMENT   |  | REMOVAL       |
|  | WORK AREA            |  | WEDGE / WIDEN |
|  | ONGOING CONSTRUCTION |  |               |

28-FEB-2019 13:36  
I4700A\_Tc\_AIP4D2.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

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

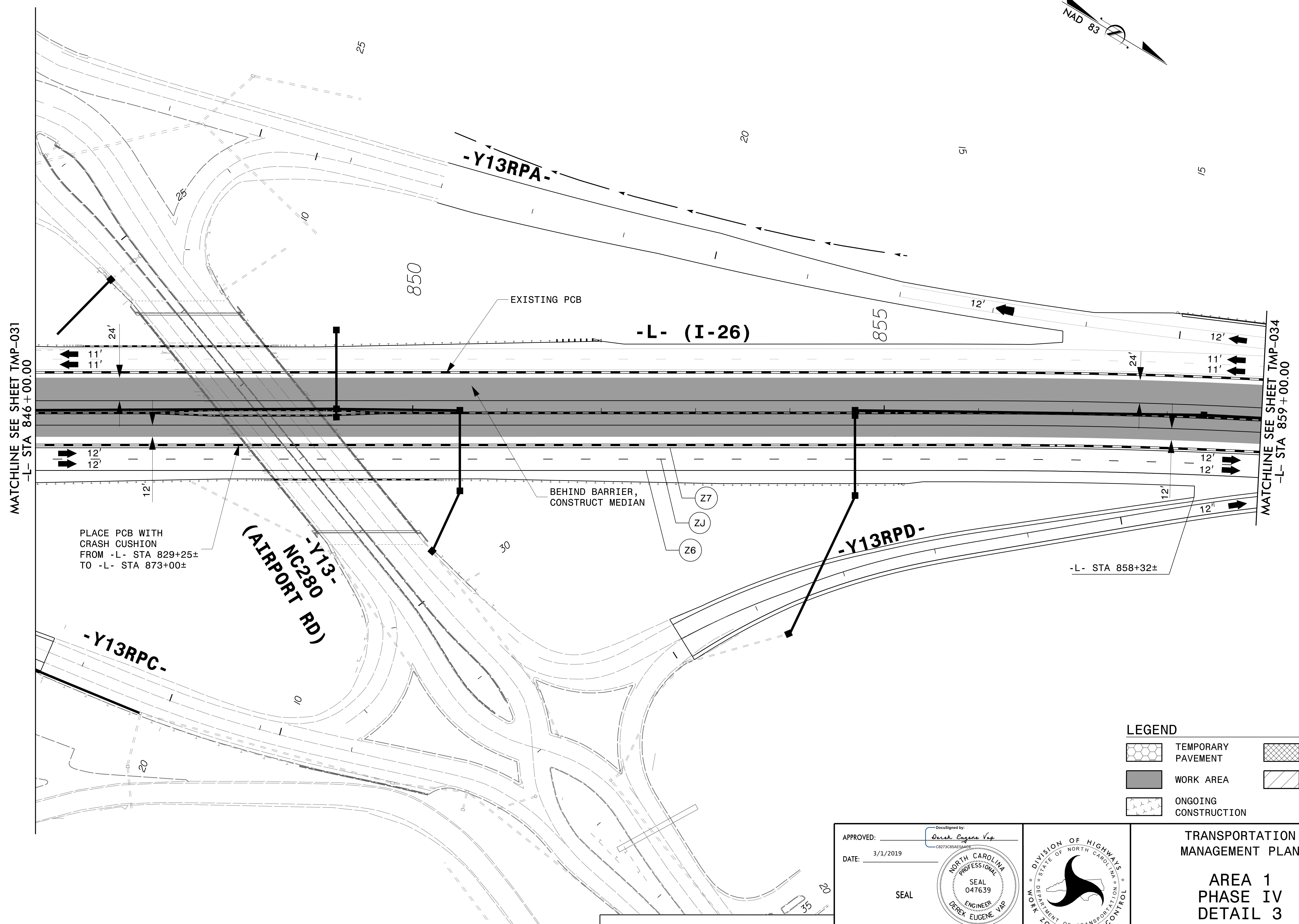
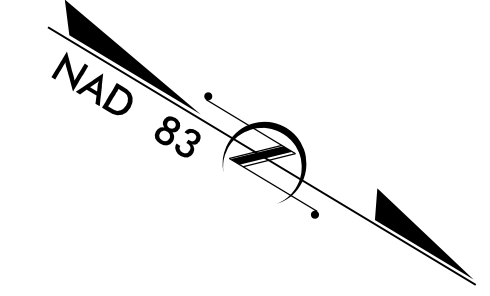
APPROVED:   
DATE: 3/1/2019  
SEAL



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 1  
PHASE IV  
DETAIL 2**

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UNLESS ALL SIGNATURES COMPLETED**



MATCHLINE SEE SHEET TMP-031  
-L- STA 846+00.00

MATCHLINE SEE SHEET TMP-034  
-L- STA 859+00.00

PLACE PCB WITH  
CRASH CUSHION  
FROM -L- STA 829+25±  
TO -L- STA 873+00±

BEHIND BARRIER,  
CONSTRUCT MEDIAN

Z7  
ZJ  
Z6

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

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HNTB

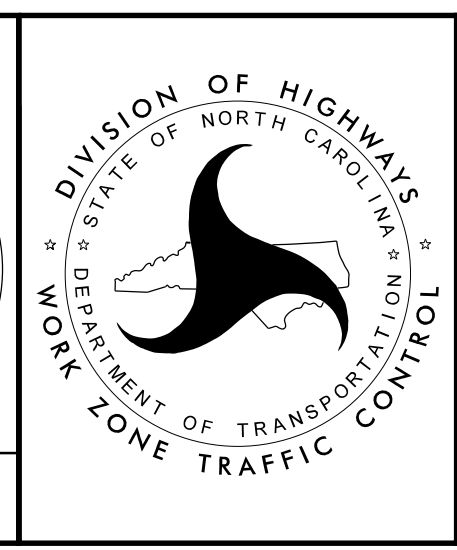
REMOVE CONFLICTING PAVEMENT MARKING.

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RALEIGH, NORTH CAROLINA 27609  
NC License No: C-1554

APPROVED:   
DATE: 3/1/2019

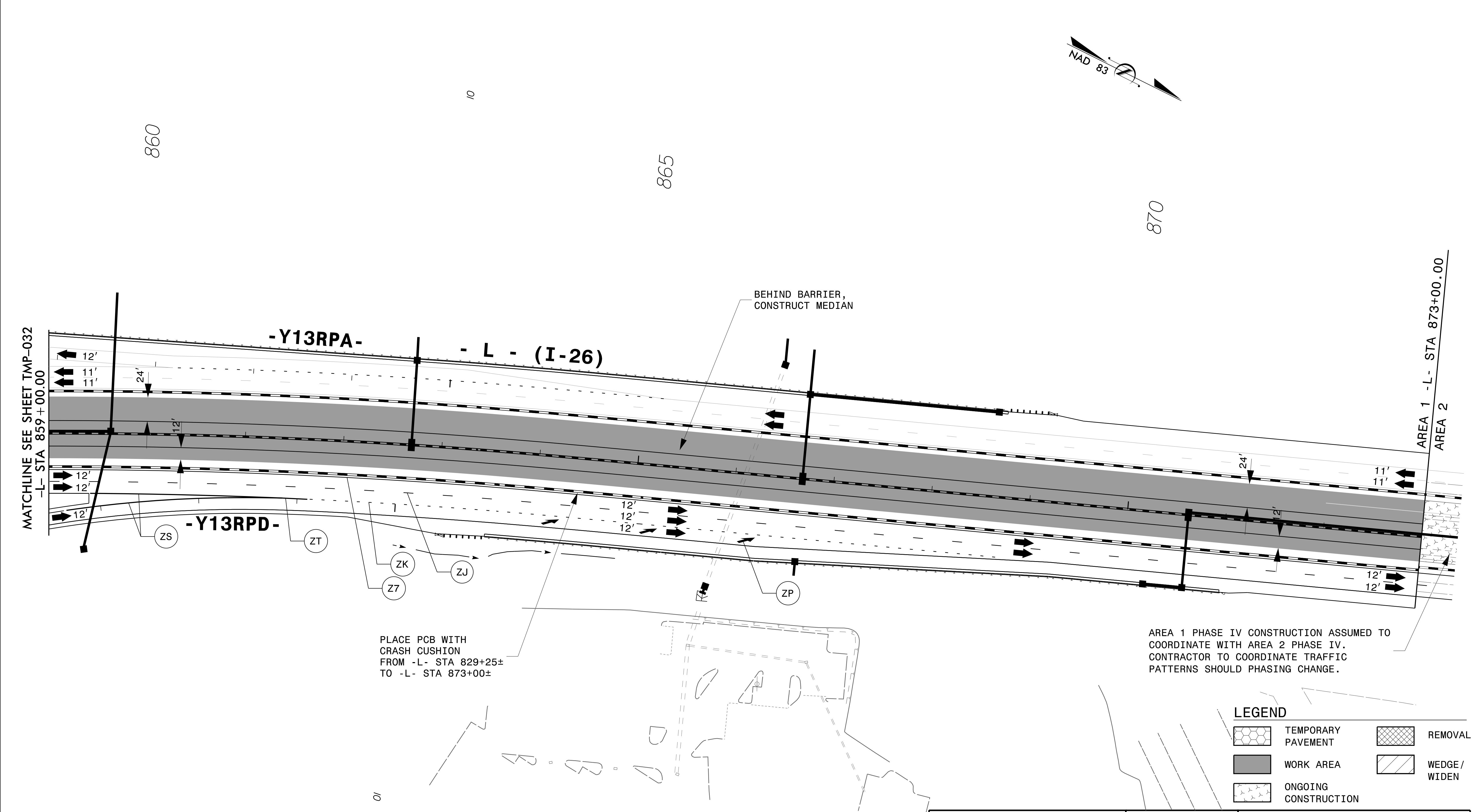
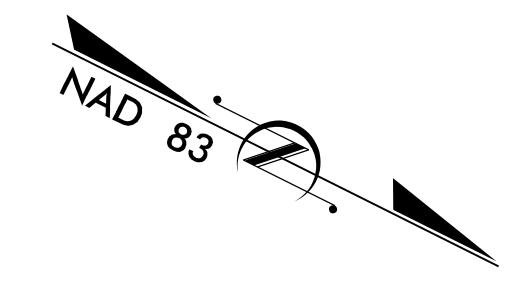
SEAL

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UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 1  
PHASE IV  
DETAIL 3**



MATCHLINE SEE SHEET TMP-032  
-L- STA 859+00.00

AREA 1 - L- STA 873+00.00  
AREA 2

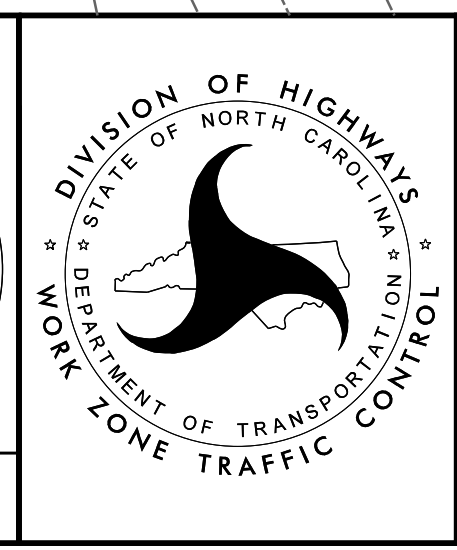
**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

APPROVED: *Derek Eugene Vap*  
DocuSigned by:  
Derek Eugene Vap  
CB273C85AE6A6C9

DATE: 4/25/2019

SEAL



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 1  
PHASE IV  
DETAIL 4**

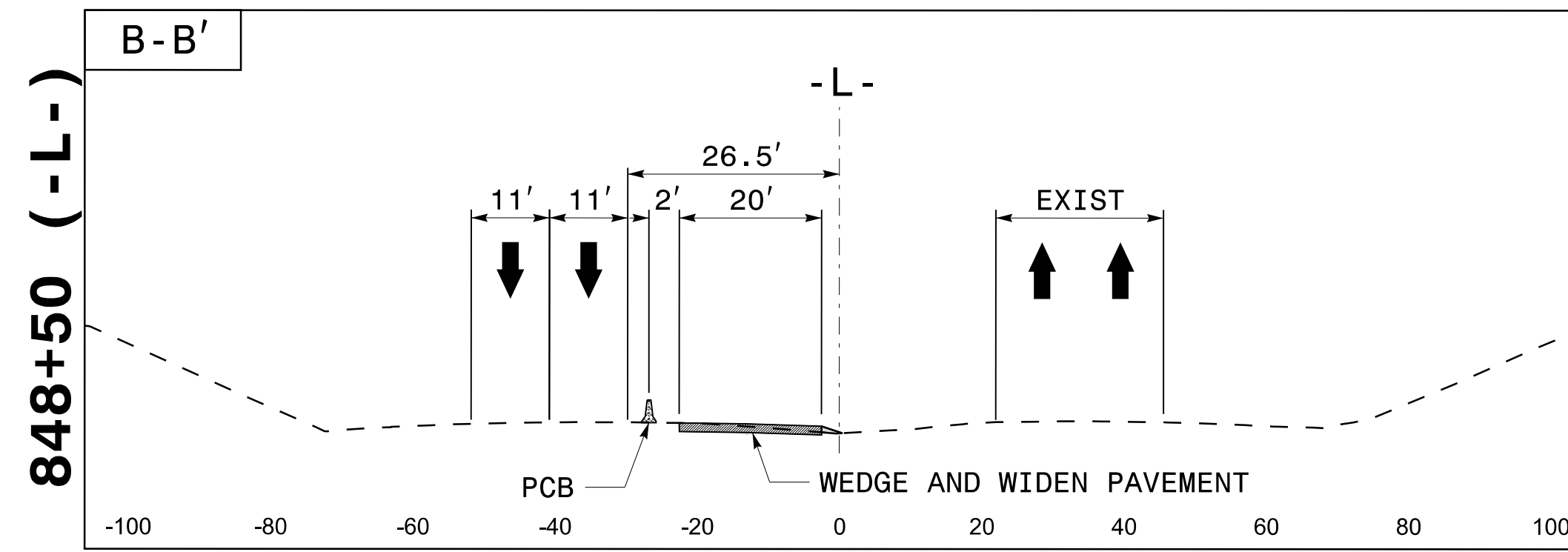
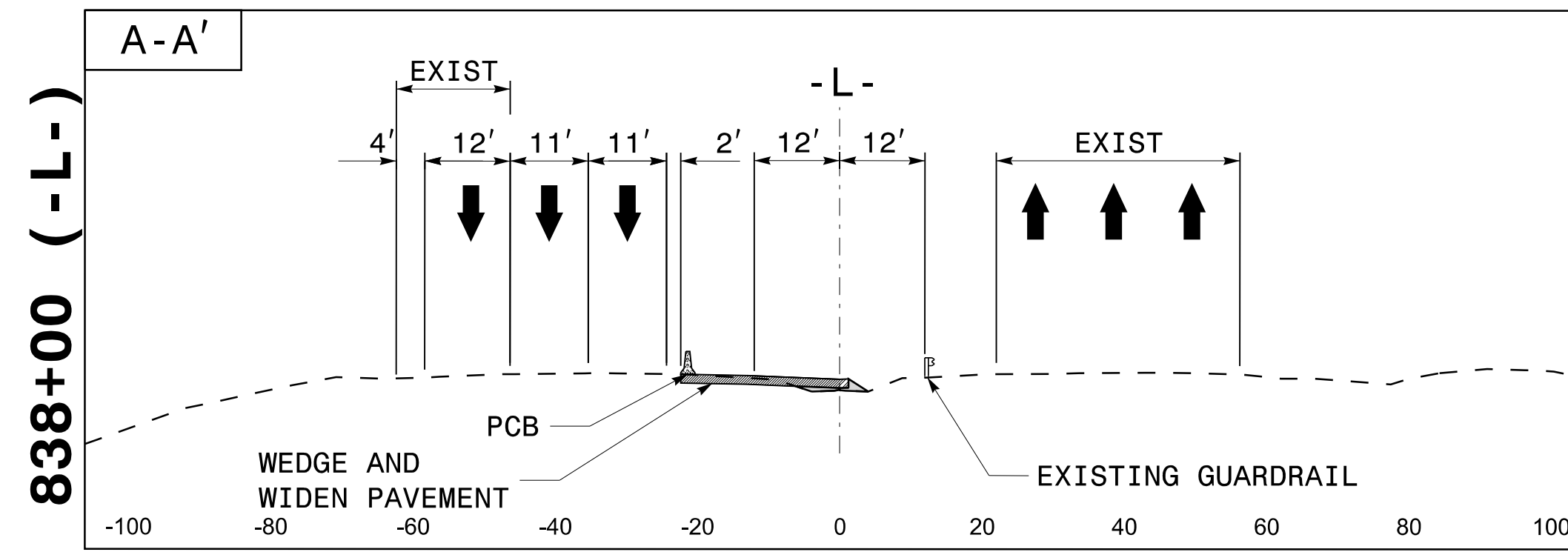
**HNTB** HNTB NORTH CAROLINA, P.C.  
 343 E. SIX FORKS ROAD, SUITE 200  
 RALEIGH, NORTH CAROLINA 27609  
 NC LICENSE NO: C-1554

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

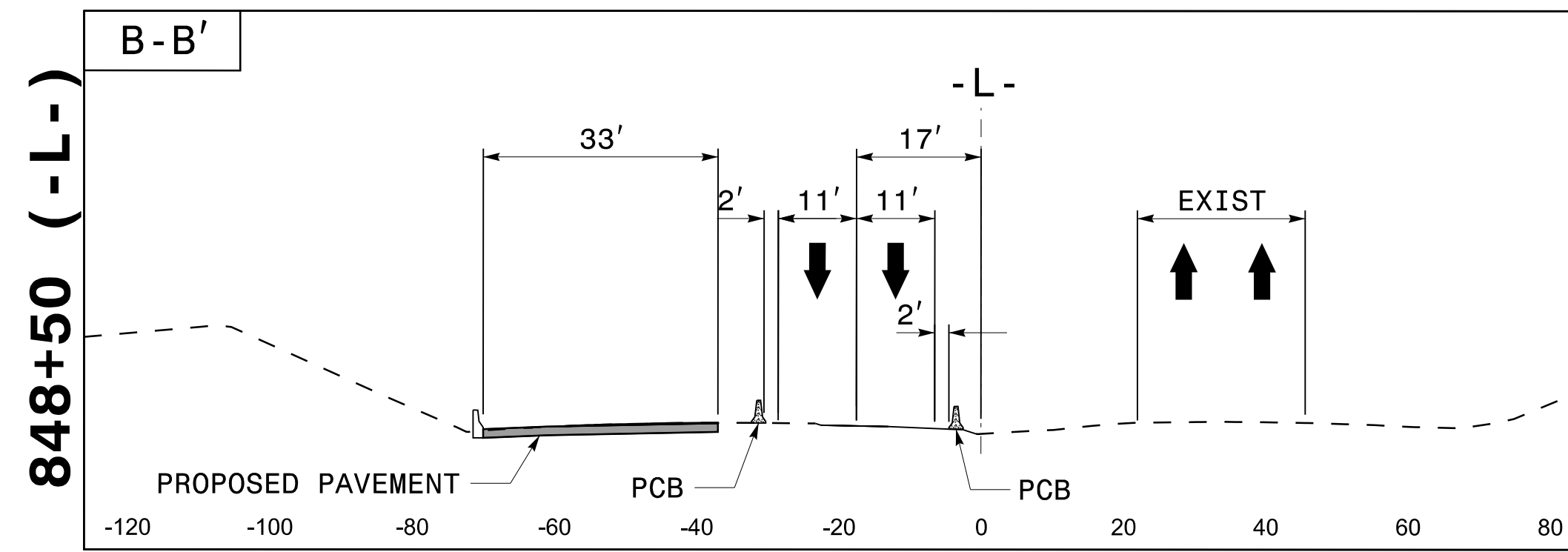
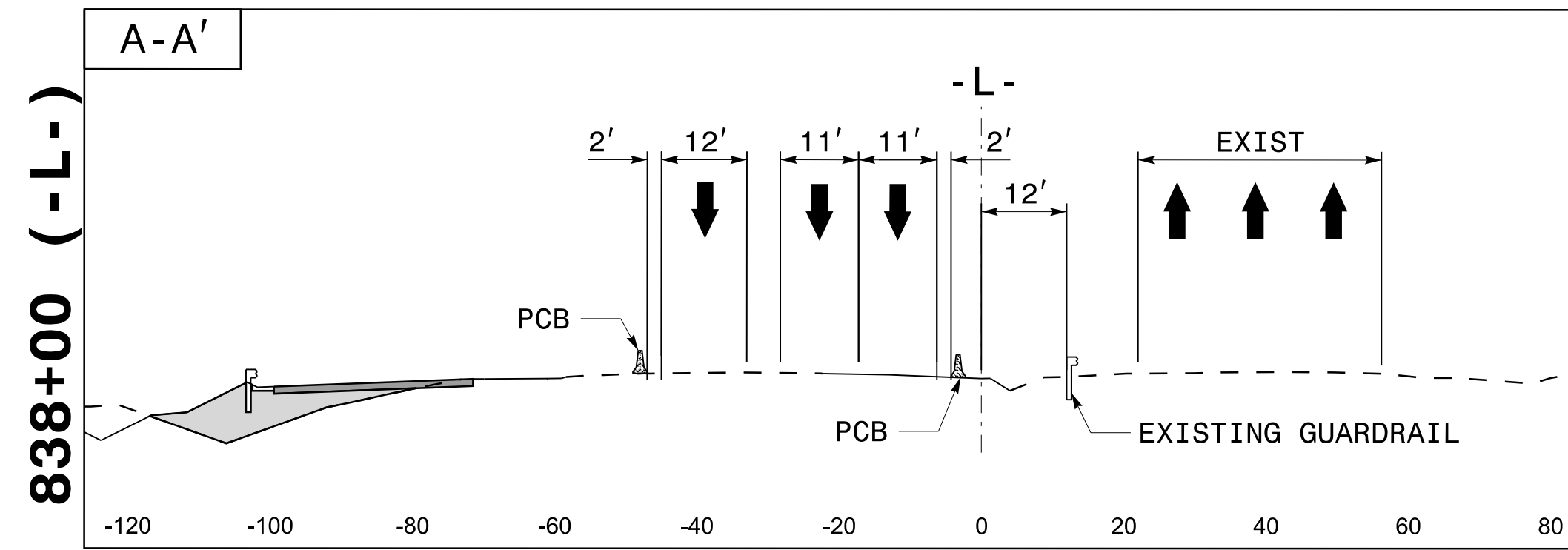
REMOVE CONFLICTING PAVEMENT MARKING.

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 HNTB

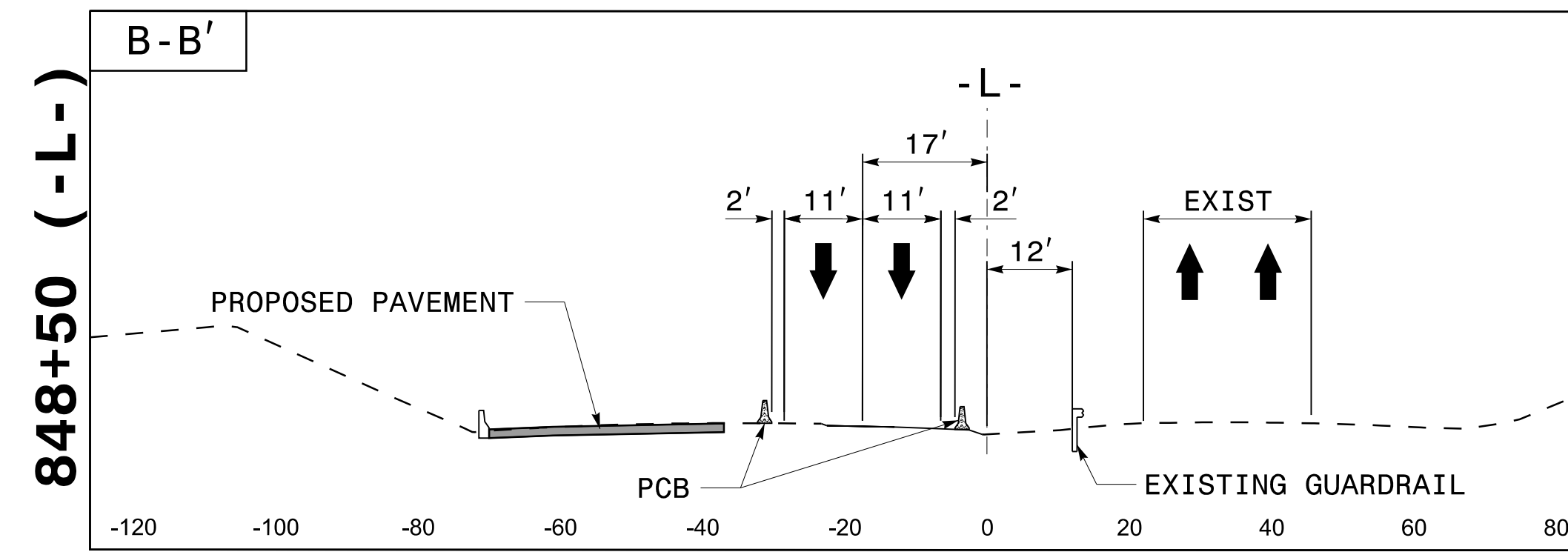
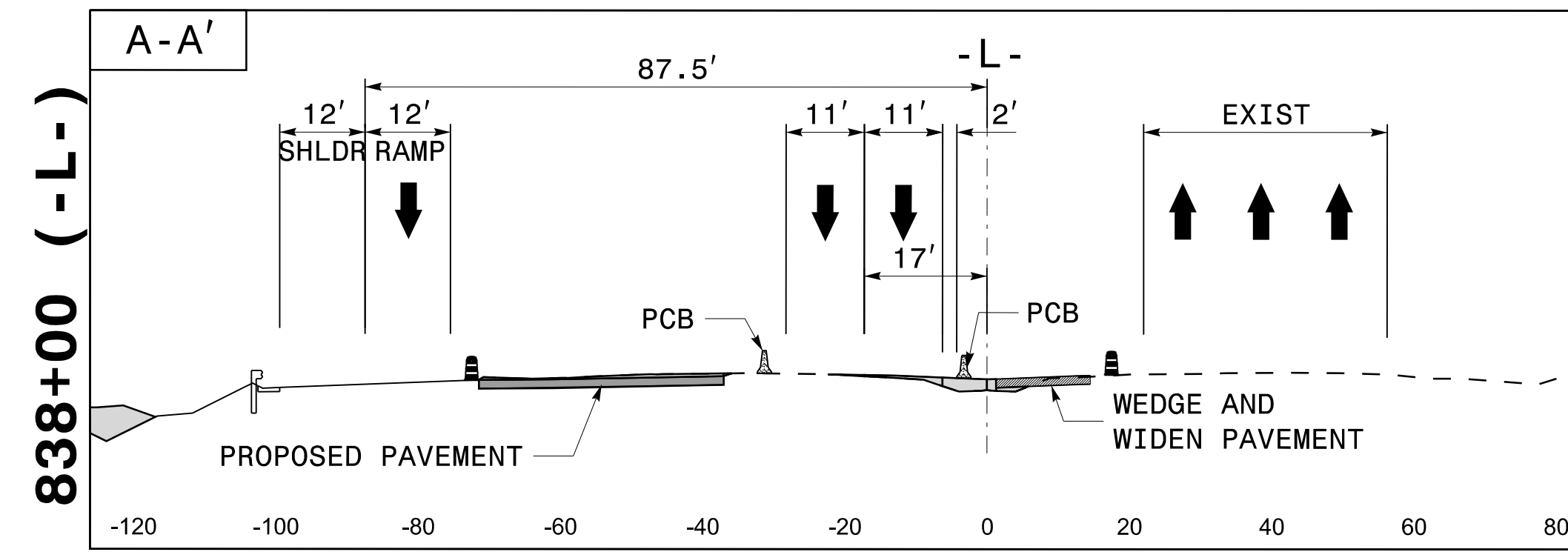
### PHASE I



### PHASE IIA



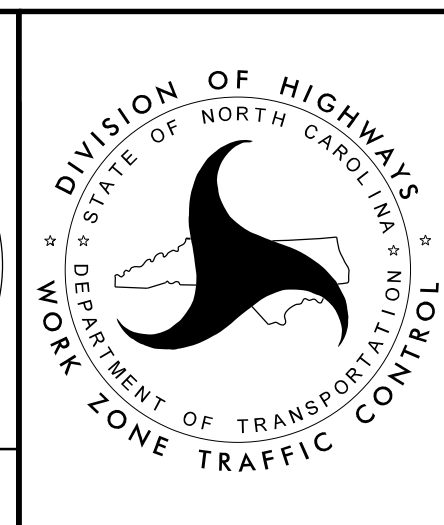
### PHASE IIB



28-FEB-2019 13:37  
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 HNTB

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 NC License No: C-1554

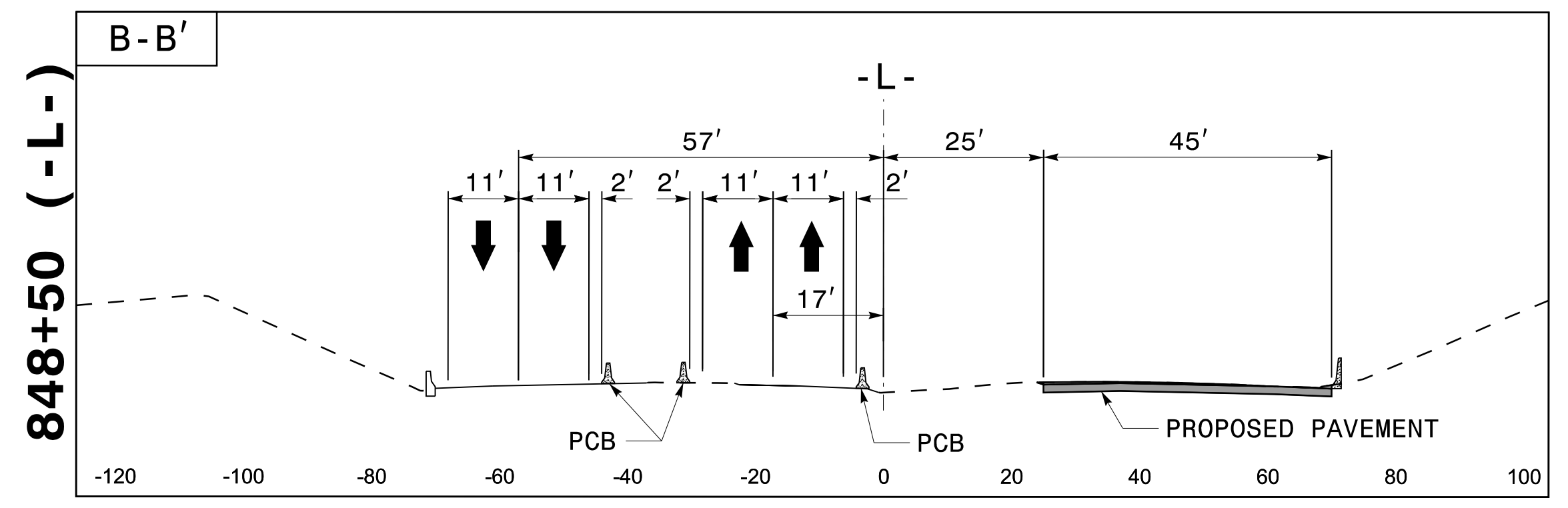
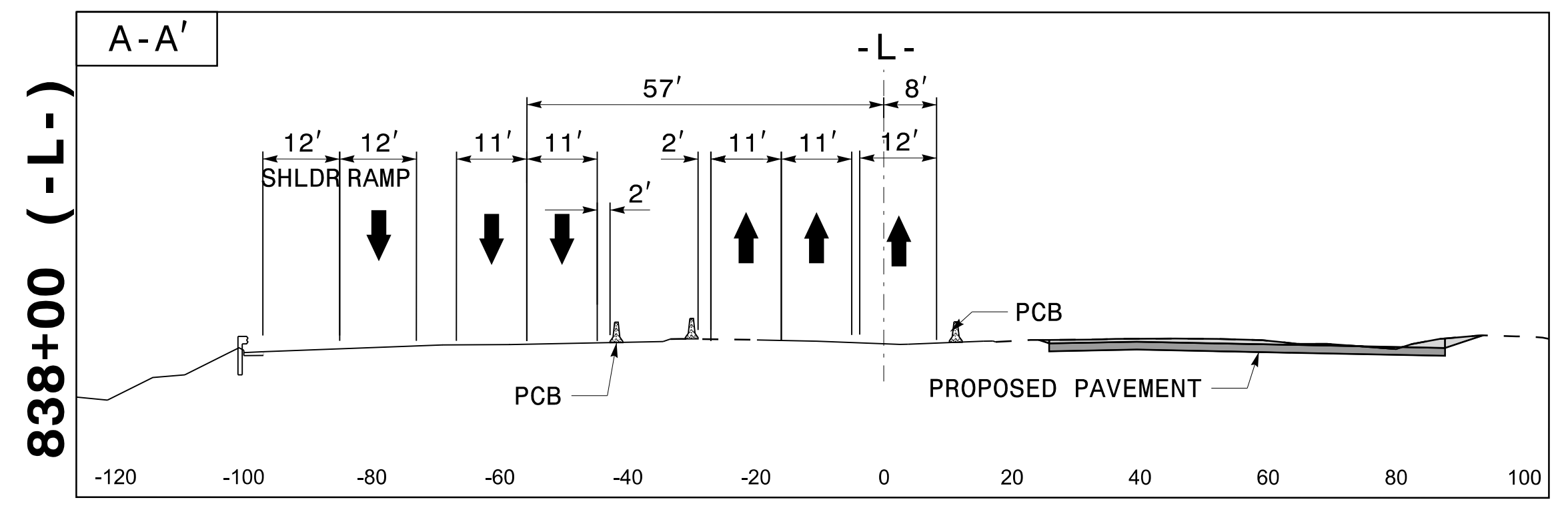
APPROVED: *Derek Eugene Vap*  
 DATE: 3/1/2019  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 047639  
 DEREK EUGENE VAP



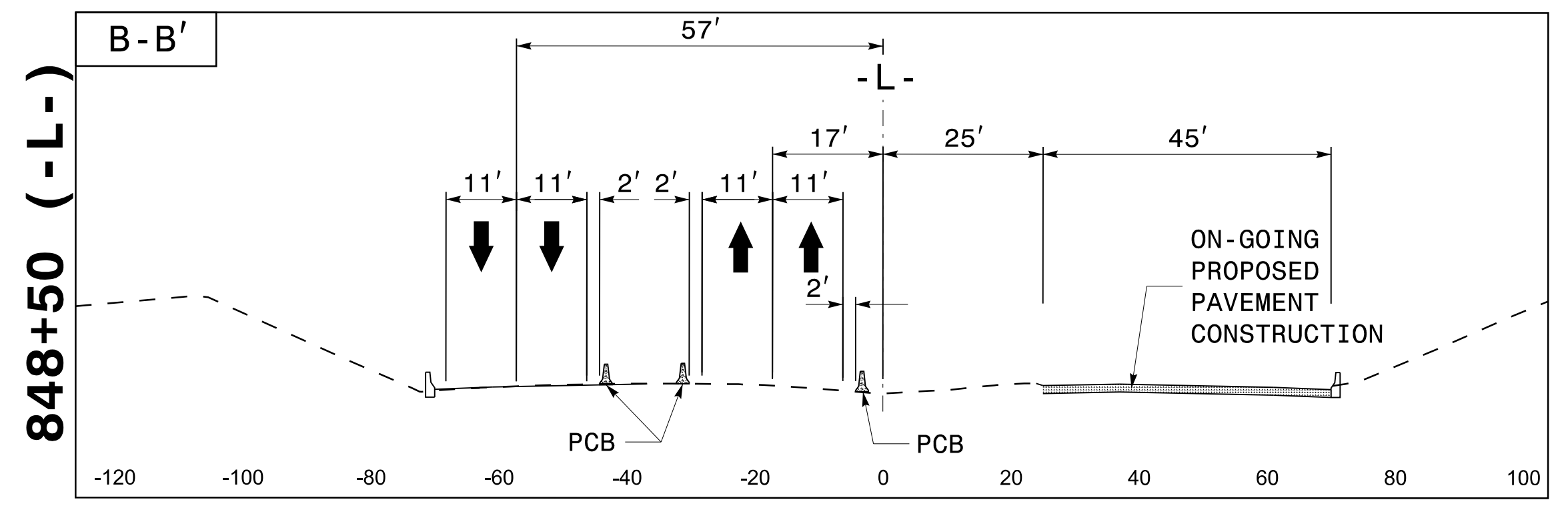
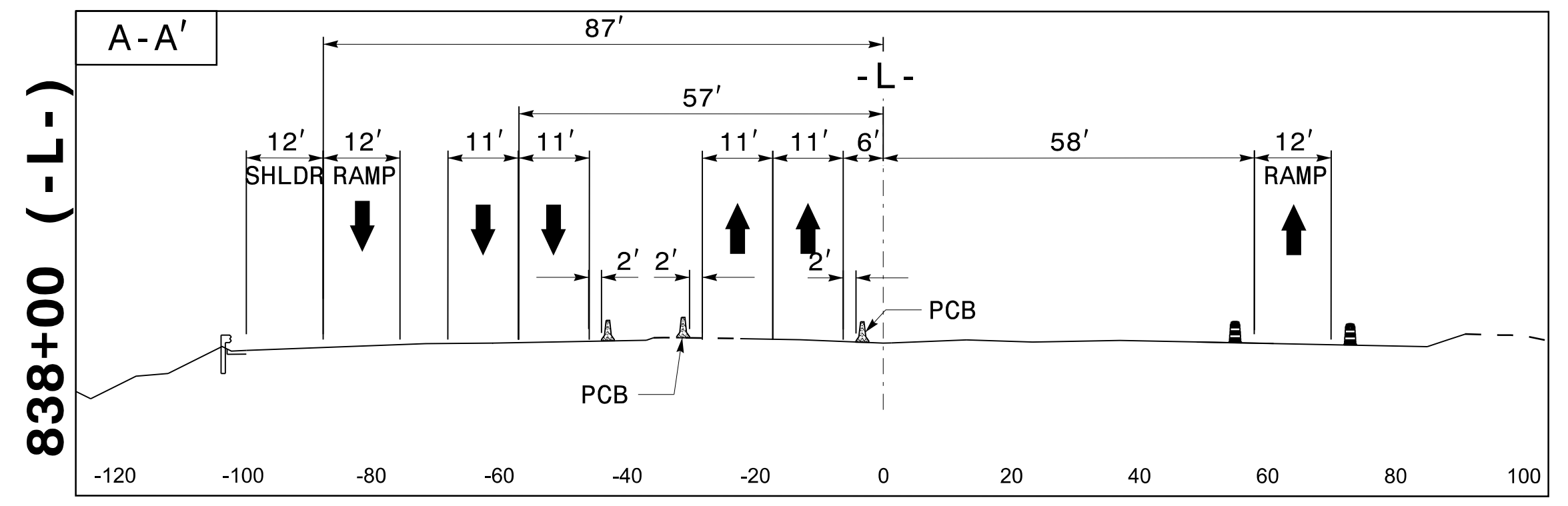
TRANSPORTATION  
 MANAGEMENT PLAN  
 AREA 1  
 PHASE I, IIA & IIB  
 CUT SECTIONS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

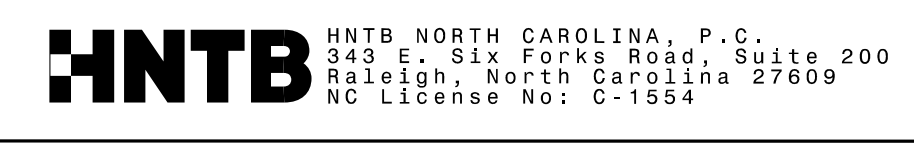
### PHASE IIIA



### PHASE IIIB



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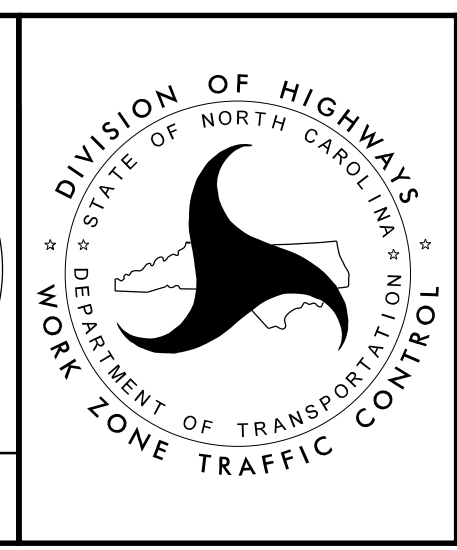


APPROVED: *Devek Eugene Vap*  
DATE: 3/1/2019

SEAL

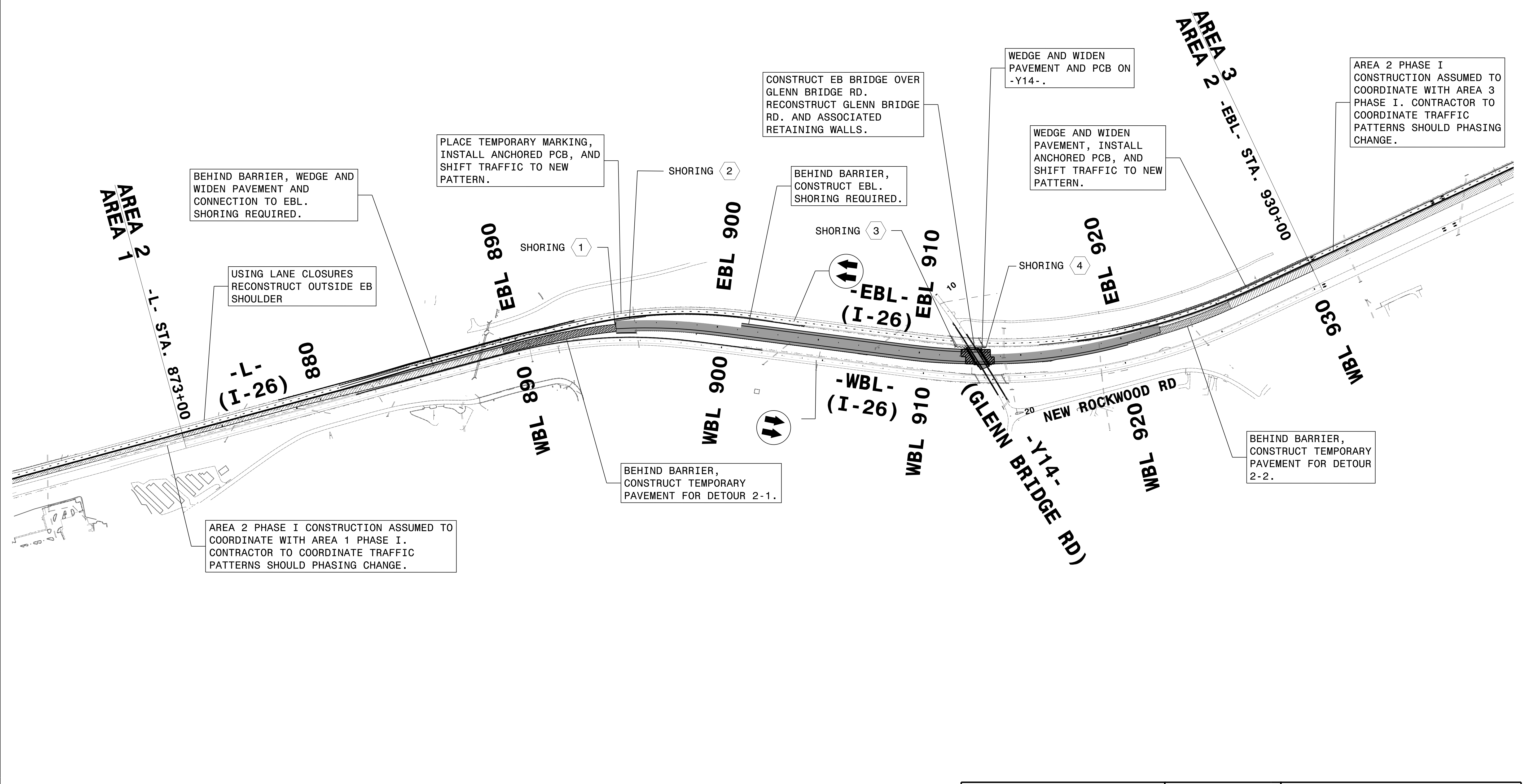
**PROFESSIONAL SEAL**  
NORTH CAROLINA  
ENGINEER  
DEWEK EUGENE VAP  
047639

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UNLESS ALL SIGNATURES COMPLETED**



TRANSPORTATION  
MANAGEMENT PLAN

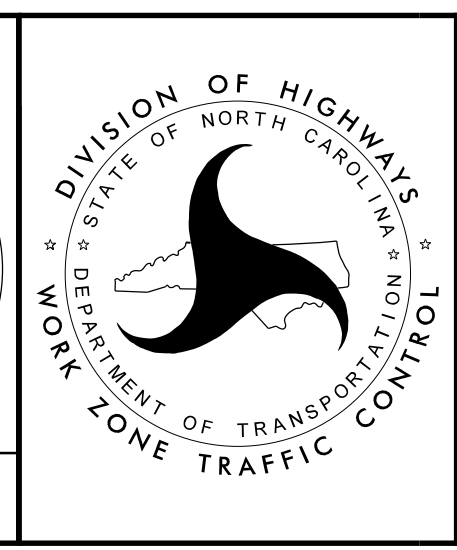
AREA 1  
PHASE IIIA & IIIB  
CUT SECTIONS



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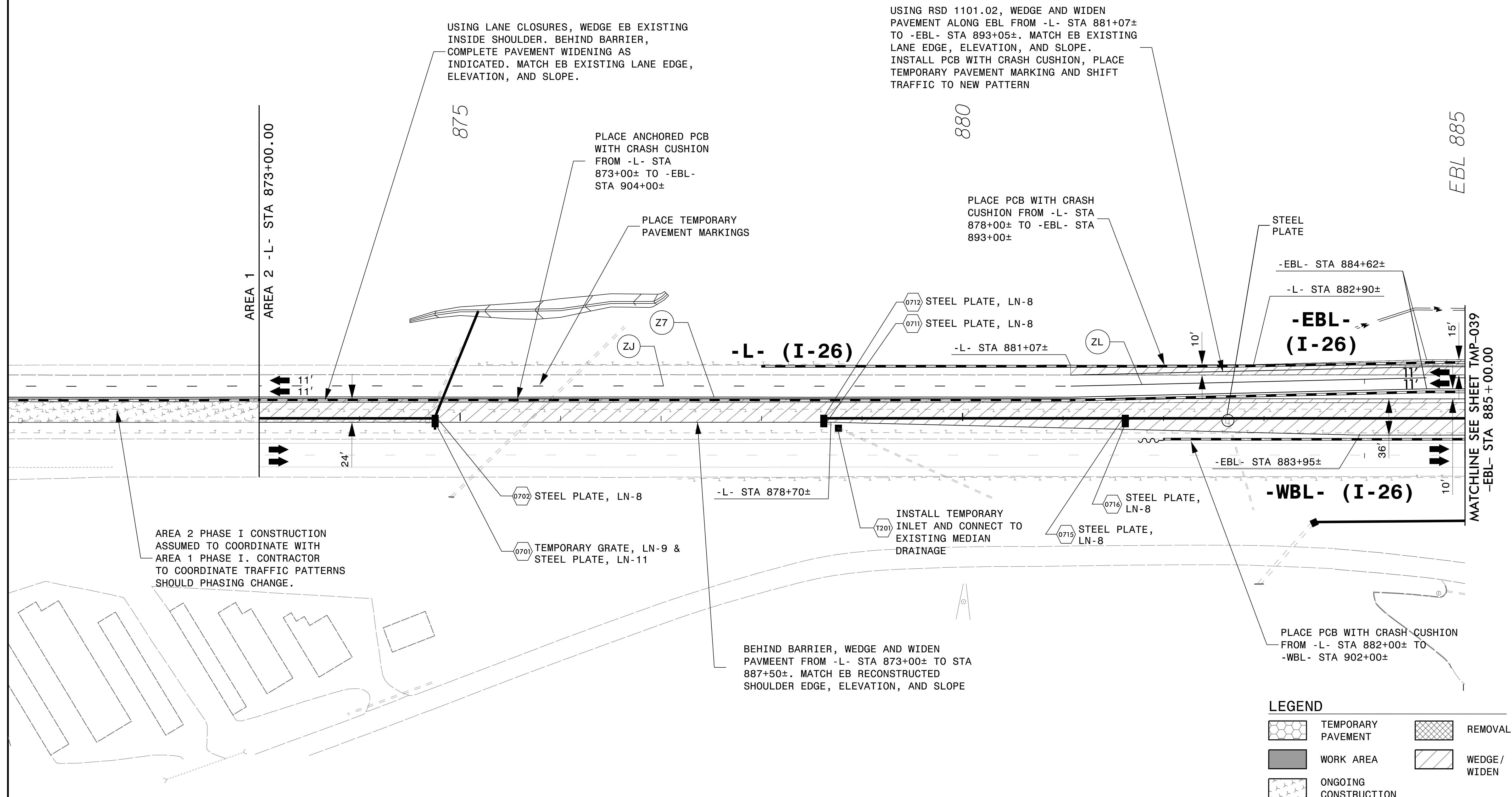
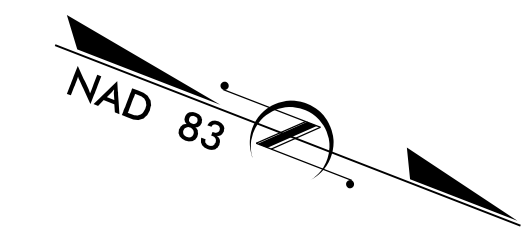
**HNTB** HNTB NORTH CAROLINA, P.C.  
 343 E. SIX FORKS ROAD, SUITE 200  
 RALEIGH, NORTH CAROLINA 27609  
 NC LICENSE NO: C-1554

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



TRANSPORTATION  
 MANAGEMENT PLAN  
  
 AREA 2  
 PHASE I  
 OVERVIEW

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:37  
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HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

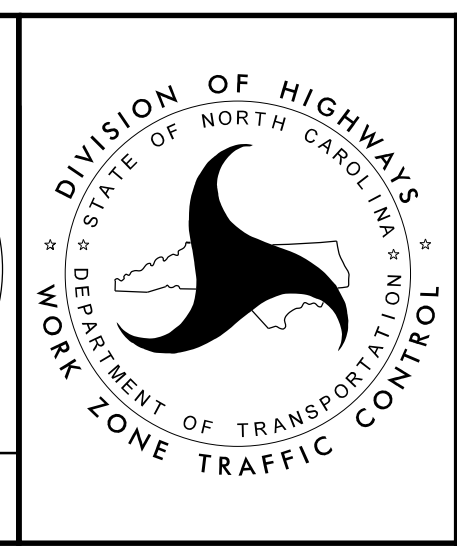


APPROVED:

DATE: 3/1/2019

SEAL

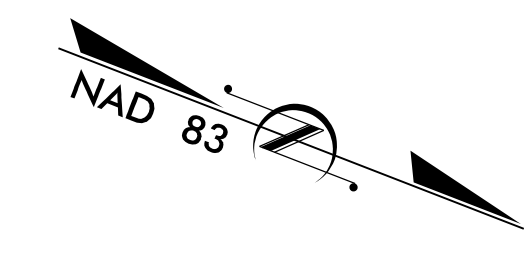
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



TRANSPORTATION MANAGEMENT PLAN

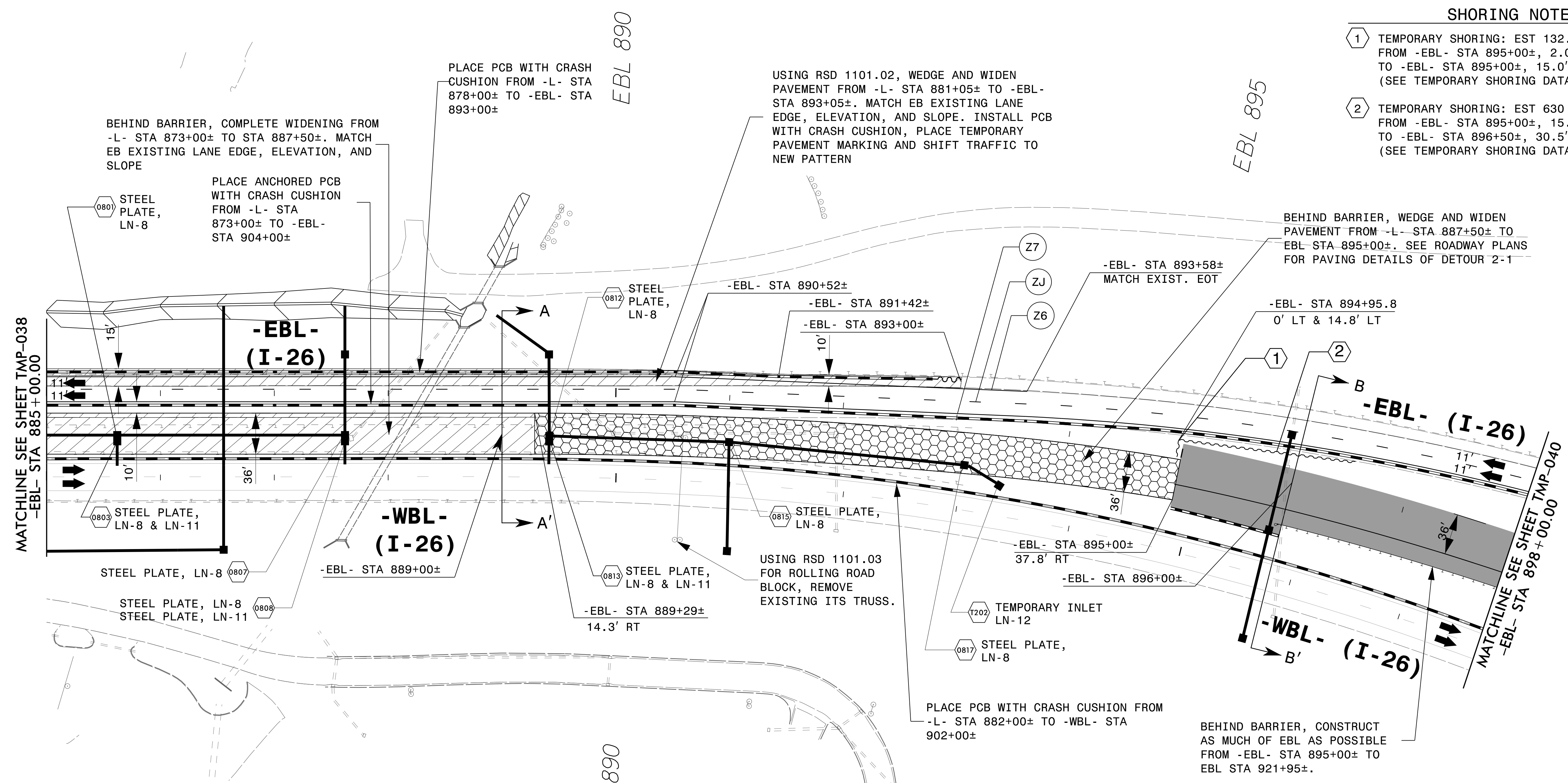
**AREA 2 PHASE I DETAIL 1**





**SHORING NOTES**

- 1 TEMPORARY SHORING: EST 132.6 SF FROM -EBL- STA 895+00±, 2.0'± RT TO -EBL- STA 895+00±, 15.0'± LT (SEE TEMPORARY SHORING DATA SHEET TMP-2A)
- 2 TEMPORARY SHORING: EST 630 SF FROM -EBL- STA 895+00±, 15.0'± LT TO -EBL- STA 896+50±, 30.5'± LT (SEE TEMPORARY SHORING DATA SHEET TMP-2A)



**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-061 & TMP-062 FOR CUT SECTION(S).

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

REMOVE CONFLICTING PAVEMENT MARKING.



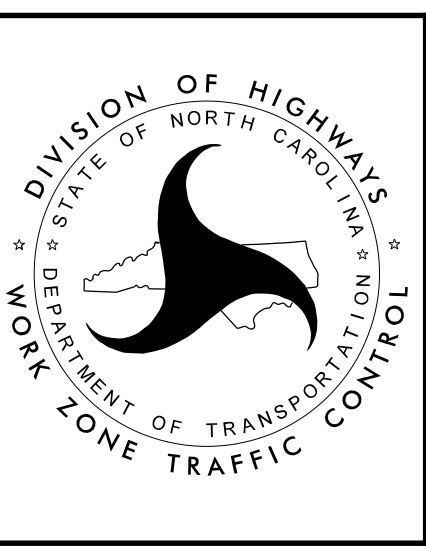
APPROVED: *Devek Eugene Vap*

DATE: 3/1/2019

SEAL

Seal of Devek Eugene Vap, Professional Engineer, North Carolina, License No. 047639.

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



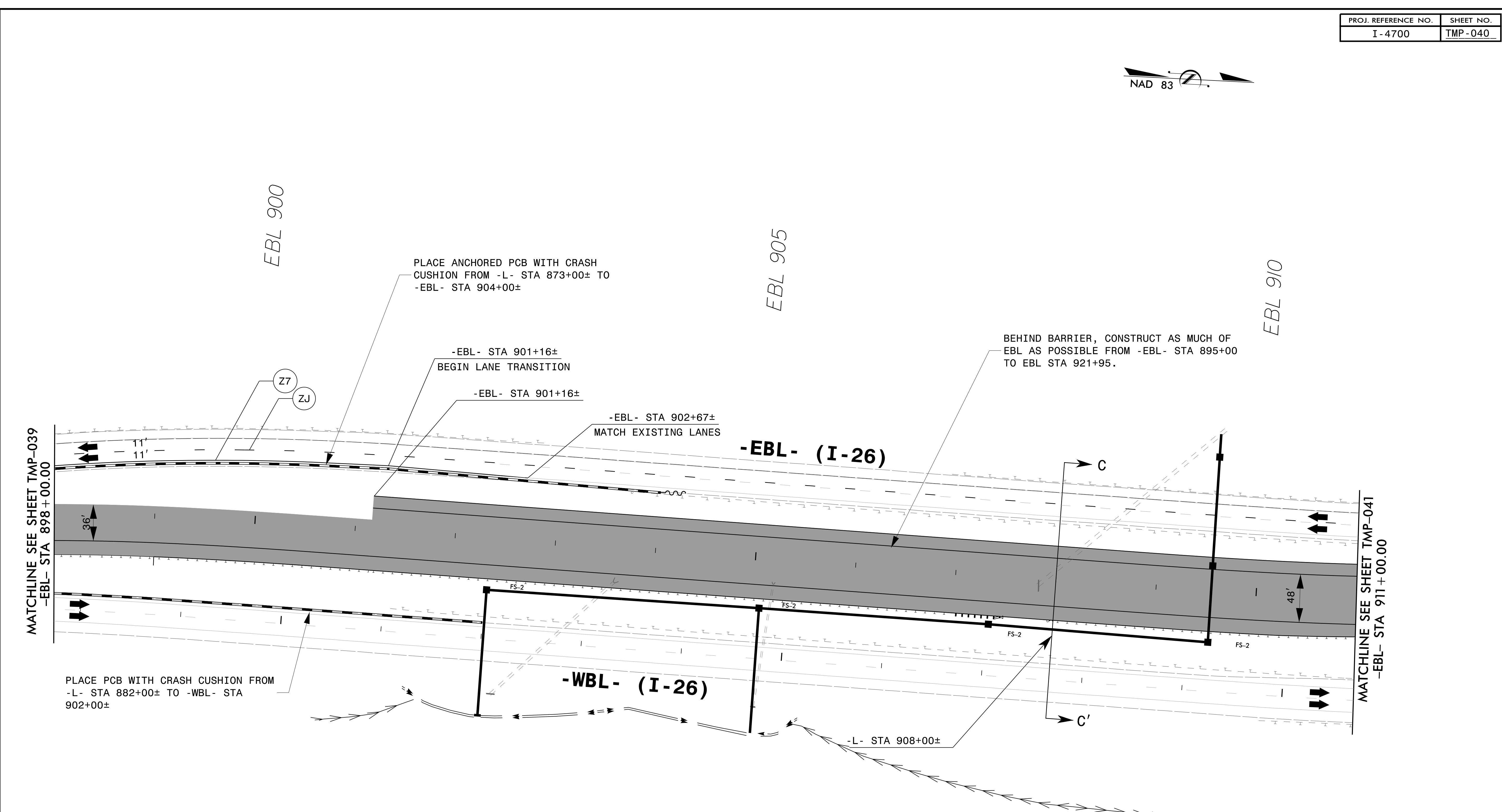
**TRANSPORTATION MANAGEMENT PLAN**

**AREA 2**

**PHASE I**

**DETAIL 2**

28-FEB-2019 13:37  
I4700A\_Tc\_A2PID2.dgn  
HNTB



MATCHLINE SEE SHEET TMP-039  
-EBL- STA 898+00.00

MATCHLINE SEE SHEET TMP-041  
-EBL- STA 911+00.00

PLACE PCB WITH CRASH CUSHION FROM  
-L- STA 882+00± TO -WBL- STA  
902+00±

PLACE ANCHORED PCB WITH CRASH  
CUSHION FROM -L- STA 873+00± TO  
-EBL- STA 904+00±

BEHIND BARRIER, CONSTRUCT AS MUCH OF  
EBL AS POSSIBLE FROM -EBL- STA 895+00  
TO EBL STA 921+95.

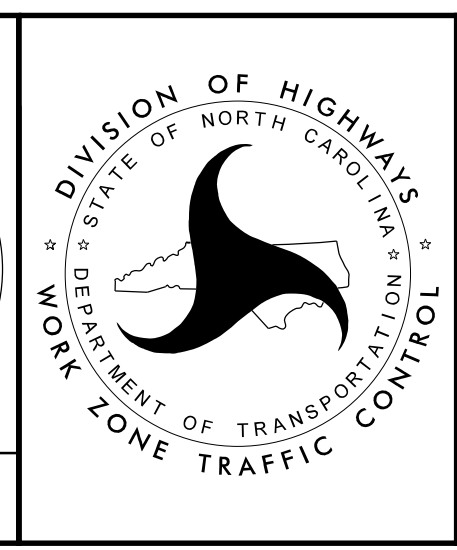
**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-061 & TMP-062 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.

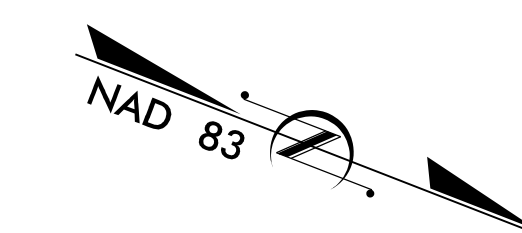
**HNTB** HNTB NORTH CAROLINA, P.C.  
343 E. SIX FORKS ROAD, SUITE 200  
RALEIGH, NORTH CAROLINA 27609  
NC License No: C-1554

APPROVED:   
DATE: 4/25/2019  
SEAL



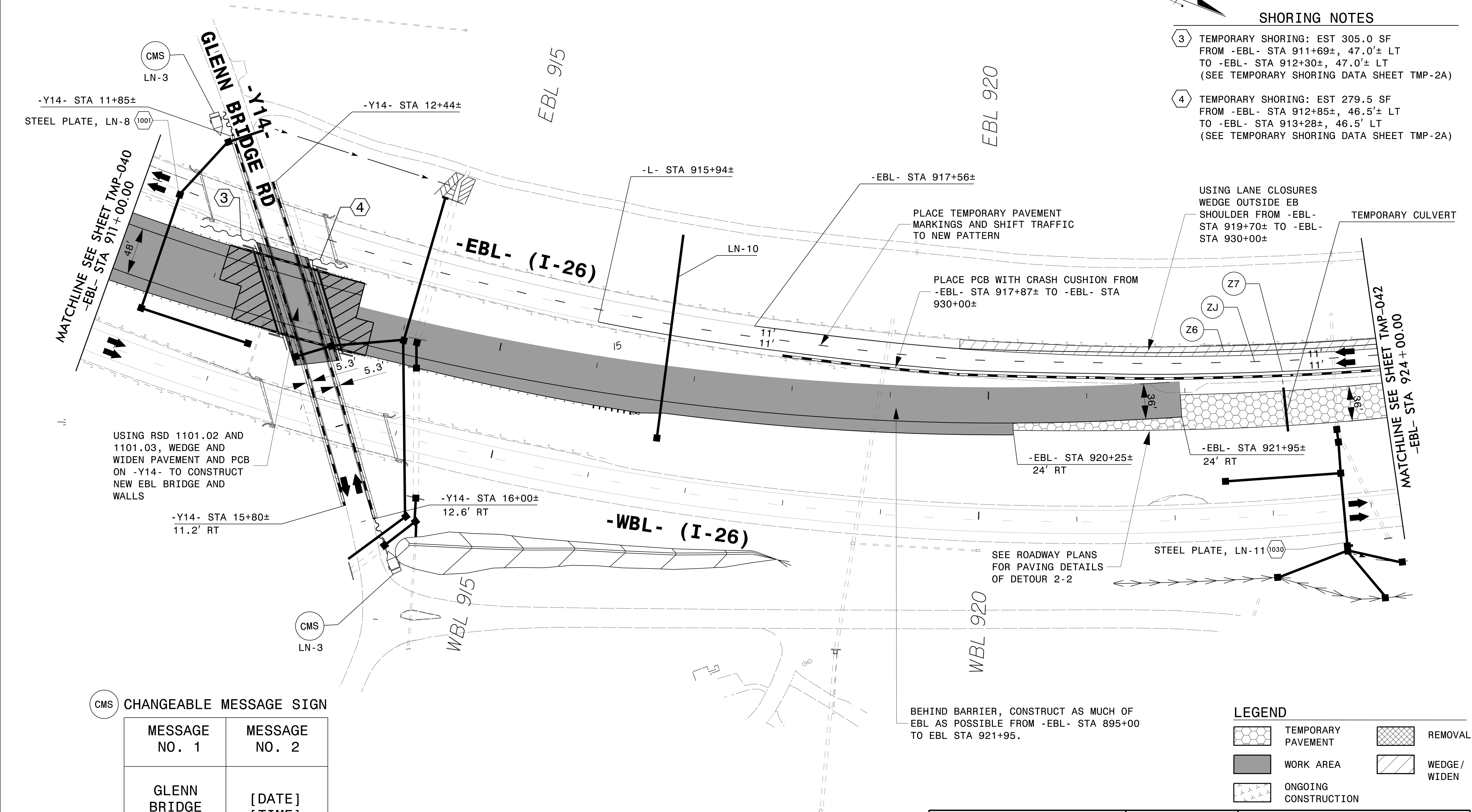
TRANSPORTATION  
MANAGEMENT PLAN  
  
AREA 2  
PHASE I  
DETAIL 3

25-APR-2019 19:31  
I4700-TG-A2PID3.dgn  
HNTB



**SHORING NOTES**

- 3 TEMPORARY SHORING: EST 305.0 SF FROM -EBL- STA 911+69±, 47.0'± LT TO -EBL- STA 912+30±, 47.0'± LT (SEE TEMPORARY SHORING DATA SHEET TMP-2A)
- 4 TEMPORARY SHORING: EST 279.5 SF FROM -EBL- STA 912+85±, 46.5'± LT TO -EBL- STA 913+28±, 46.5'± LT (SEE TEMPORARY SHORING DATA SHEET TMP-2A)



USING RSD 1101.02 AND 1101.03, WEDGE AND WIDEN PAVEMENT AND PCB ON -Y14- TO CONSTRUCT NEW EBL BRIDGE AND WALLS

PLACE TEMPORARY PAVEMENT MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN

PLACE PCB WITH CRASH CUSHION FROM -EBL- STA 917+87± TO -EBL- STA 930+00±

USING LANE CLOSURES WEDGE OUTSIDE EB SHOULDER FROM -EBL- STA 919+70± TO -EBL- STA 930+00±

SEE ROADWAY PLANS FOR PAVING DETAILS OF DETOUR 2-2

BEHIND BARRIER, CONSTRUCT AS MUCH OF EBL AS POSSIBLE FROM -EBL- STA 895+00 TO EBL STA 921+95.

**CMS CHANGEABLE MESSAGE SIGN**

MESSAGE NO. 1	MESSAGE NO. 2
GLENN BRIDGE CLOSURE	[DATE] [TIME]

**LEGEND**

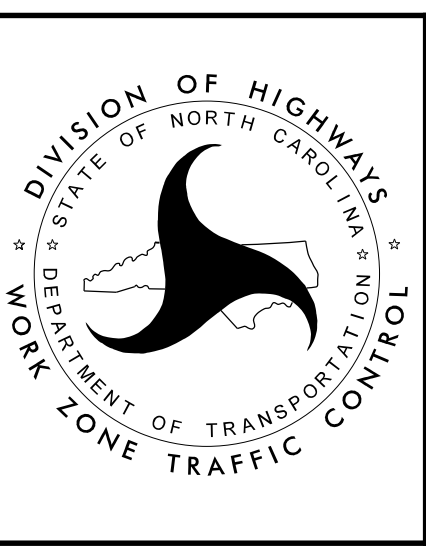
- TEMPORARY PAVEMENT
- WORK AREA
- ONGOING CONSTRUCTION
- REMOVAL
- WEDGE / WIDEN

28-FEB-2019 13:37  
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HNTB

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

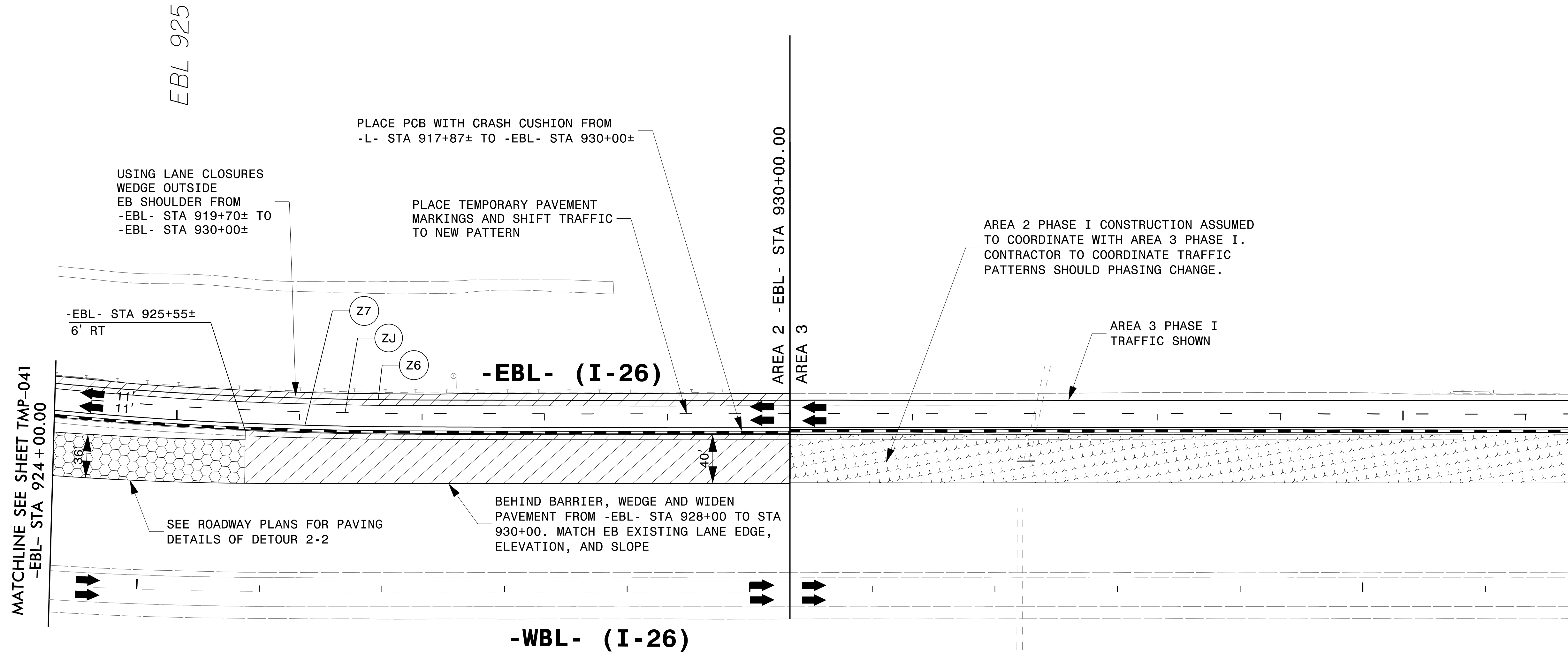
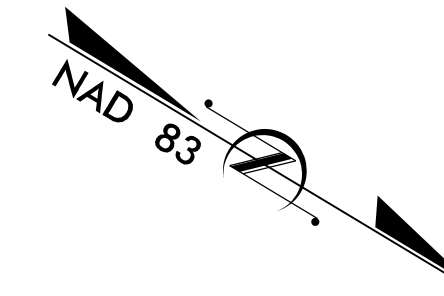


APPROVED: *Derek Eugene Vap*  
DATE: 3/1/2019  
SEAL: [Professional Engineer Seal for Derek Eugene Vap, License No. 047639]



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

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

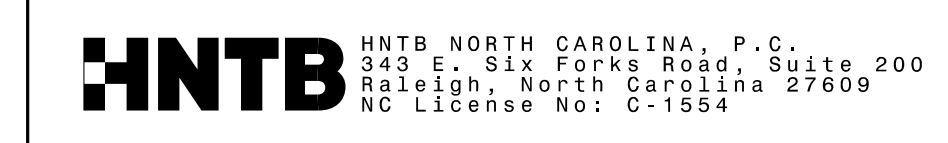


**LEGEND**

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

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

REMOVE CONFLICTING PAVEMENT MARKING.

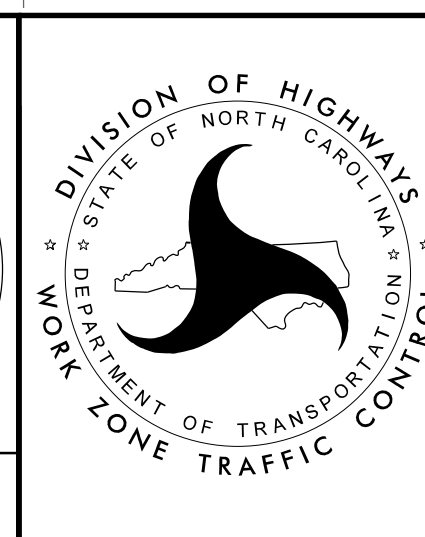


APPROVED:

DATE: 3/1/2019

SEAL

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UNLESS ALL SIGNATURES COMPLETED**

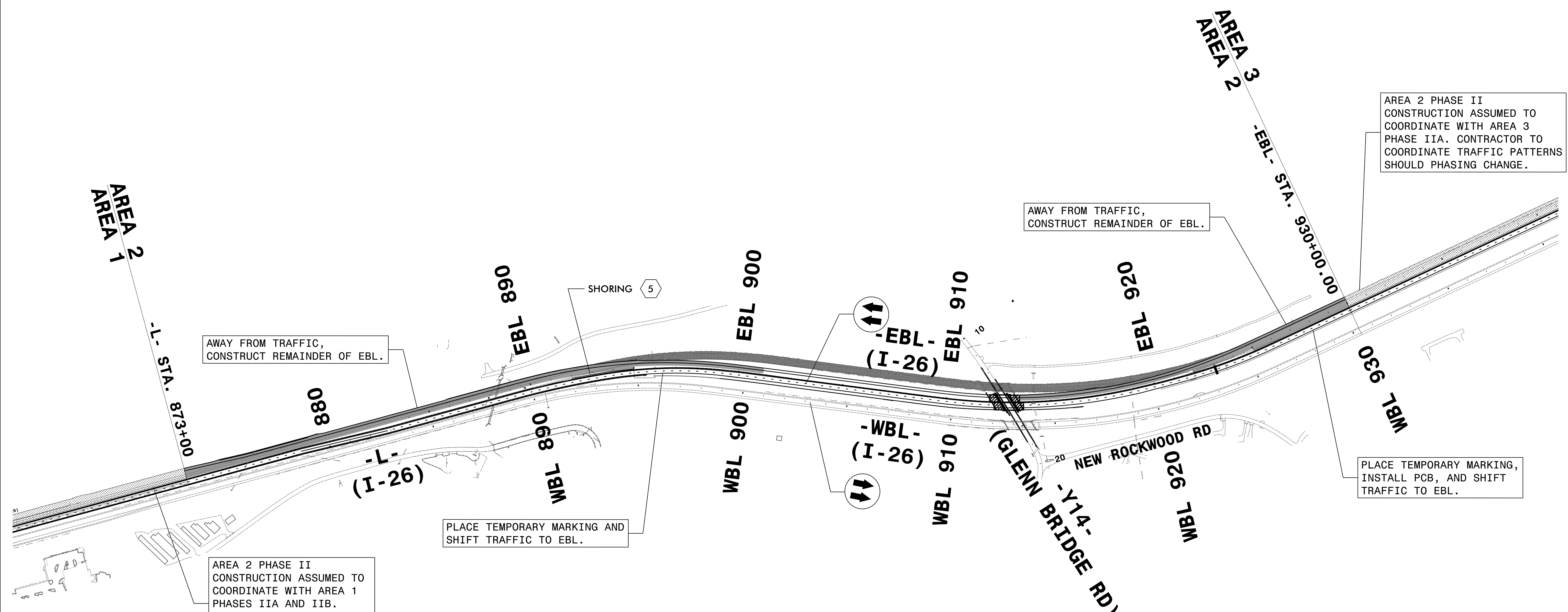


**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 2  
PHASE I  
DETAIL 5**

28-FEB-2019 13:37  
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HNTB

925



AWAY FROM TRAFFIC,  
CONSTRUCT REMAINDER OF EBL.

AREA 2 PHASE II  
CONSTRUCTION ASSUMED TO  
COORDINATE WITH AREA 1  
PHASES IIA AND IIB.  
CONTRACTOR TO COORDINATE  
TRAFFIC PATTERNS SHOULD  
PHASING CHANGE.

PLACE TEMPORARY MARKING AND  
SHIFT TRAFFIC TO EBL.

AWAY FROM TRAFFIC,  
CONSTRUCT REMAINDER OF EBL.

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

PLACE TEMPORARY MARKING,  
INSTALL PCB, AND SHIFT  
TRAFFIC TO EBL.

28-FEB-2019 13:37  
I4700A\_Tc\_A2B2\_OV.dgn  
HNTB

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

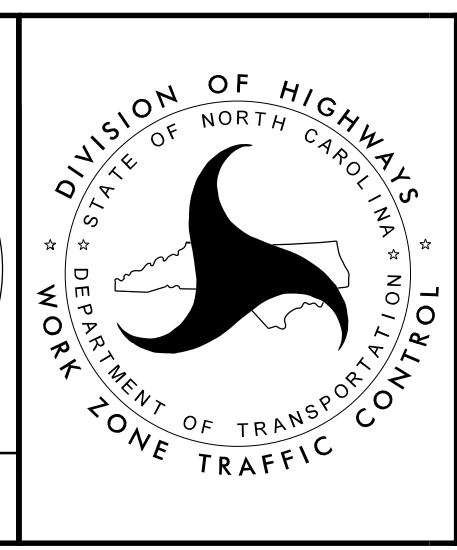
APPROVED: *Derek Eugene Vap*  
DATE: 3/1/2019

SEAL

DocuSigned by:  
Derek Eugene Vap  
C8273C85AE59468

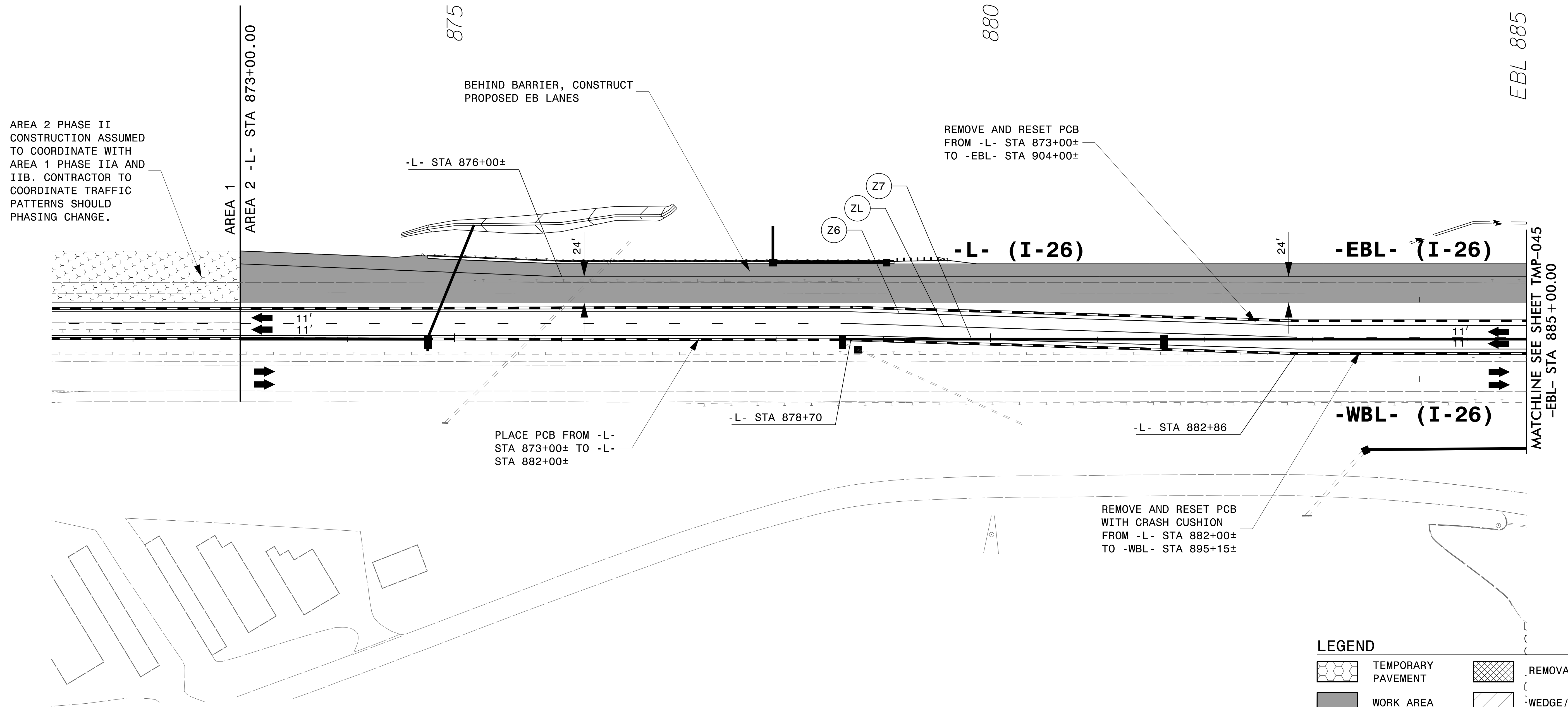
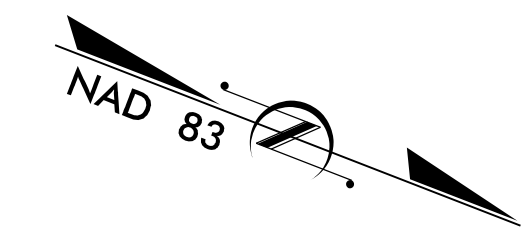
NORTH CAROLINA  
PROFESSIONAL  
SEAL  
047639  
ENGINEER  
DEREK EUGENE VAP

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UNLESS ALL SIGNATURES COMPLETED**



TRANSPORTATION  
MANAGEMENT PLAN

AREA 2  
PHASE II  
OVERVIEW



AREA 2 PHASE II  
CONSTRUCTION ASSUMED  
TO COORDINATE WITH  
AREA 1 PHASE IIA AND  
IIB. CONTRACTOR TO  
COORDINATE TRAFFIC  
PATTERNING SHOULD  
PHASING CHANGE.

BEHIND BARRIER, CONSTRUCT  
PROPOSED EB LANES

REMOVE AND RESET PCB  
FROM -L- STA 873+00±  
TO -EBL- STA 904+00±

-L- STA 876+00±

-L- STA 878+70

-L- STA 882+86

PLACE PCB FROM -L-  
STA 873+00± TO -L-  
STA 882+00±

REMOVE AND RESET PCB  
WITH CRASH CUSHION  
FROM -L- STA 882+00±  
TO -WBL- STA 895+15±

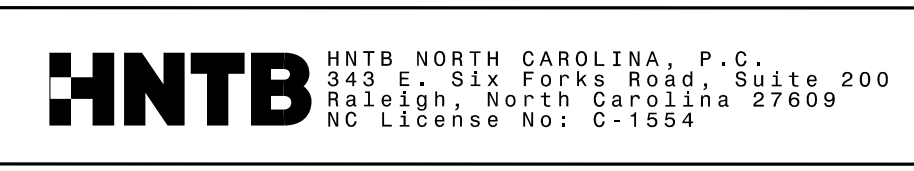
MATCHLINE SEE SHEET TMP-045  
-EBL- STA 885+00.00

**LEGEND**

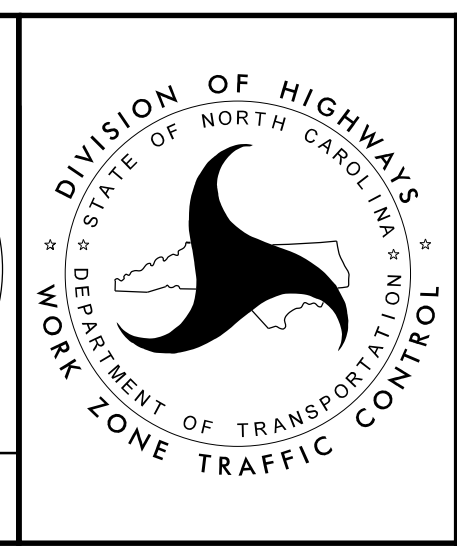
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|--|----------------------|--|---------------|
|  | TEMPORARY PAVEMENT   |  | REMOVAL       |
|  | WORK AREA            |  | WEDGE / WIDEN |
|  | ONGOING CONSTRUCTION |  |               |

28-FEB-2019 13:38  
I4700A\_Tc\_A2P2D1.dgn  
HNTB

REMOVE CONFLICTING PAVEMENT MARKING.



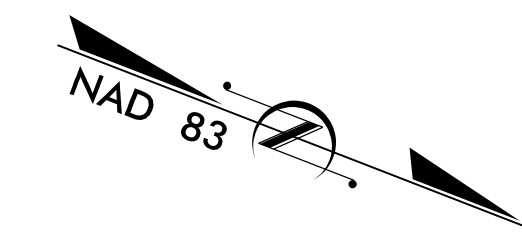
APPROVED:   
DATE: 3/1/2019  
SEAL



**TRANSPORTATION  
MANAGEMENT PLAN**

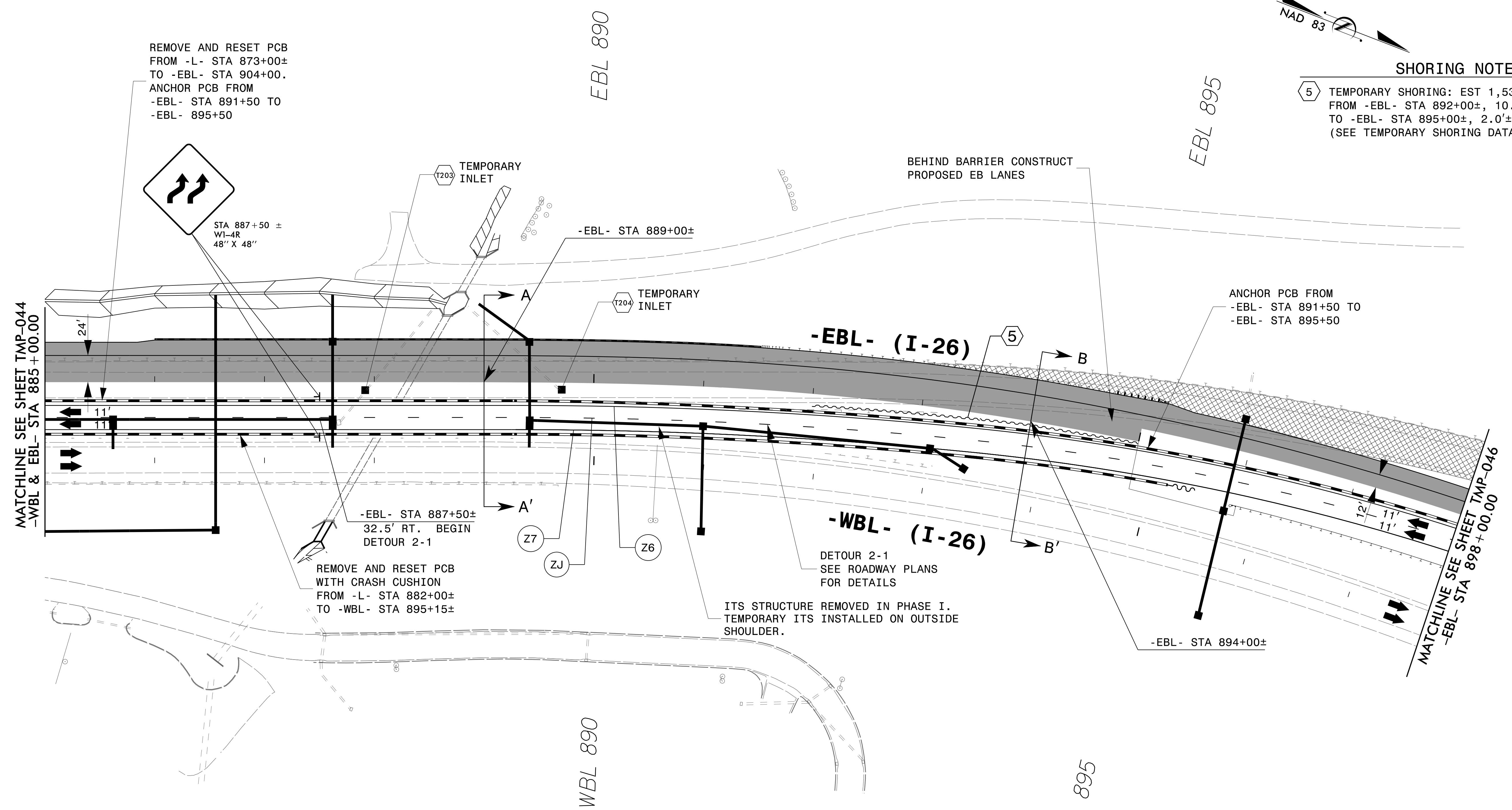
**AREA 2  
PHASE II  
DETAIL 1**

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

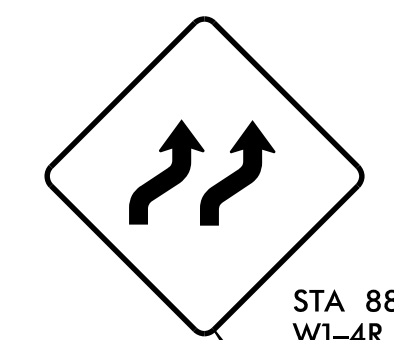


### SHORING NOTES

- 5 TEMPORARY SHORING: EST 1,530 SF FROM -EBL- STA 892+00±, 10.3'± RT TO -EBL- STA 895+00±, 2.0'± RT (SEE TEMPORARY SHORING DATA SHEET TMP-2A)



REMOVE AND RESET PCB FROM -L- STA 873+00± TO -EBL- STA 904+00. ANCHOR PCB FROM -EBL- STA 891+50 TO -EBL- 895+50



STA 887+50 ±  
W1-4R  
48" X 48"

MATCHLINE SEE SHEET TMP-044  
-WBL- STA 885+00.00

MATCHLINE SEE SHEET TMP-046  
-EBL- STA 898+00.00

-EBL- STA 887+50±  
32.5' RT. BEGIN  
DETOUR 2-1

REMOVE AND RESET PCB WITH CRASH CUSHION FROM -L- STA 882+00± TO -WBL- STA 895+15±

ITS STRUCTURE REMOVED IN PHASE I. TEMPORARY ITS INSTALLED ON OUTSIDE SHOULDER.

DETOUR 2-1  
SEE ROADWAY PLANS FOR DETAILS

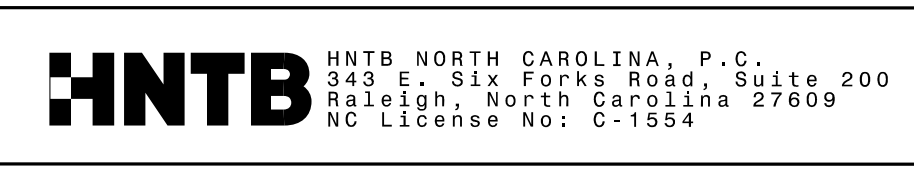
BEHIND BARRIER CONSTRUCT PROPOSED EB LANES

ANCHOR PCB FROM -EBL- STA 891+50 TO -EBL- STA 895+50

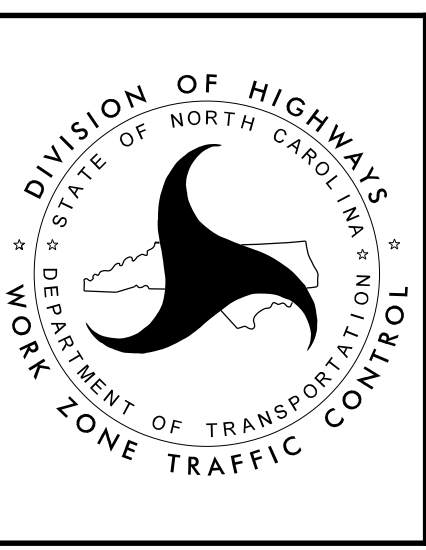
### LEGEND

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

REFER TO SHEETS 2B-10 THRU 2B-24 FOR DETOUR(S).  
REFER TO SHEETS TMP-061 & TMP-062 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.



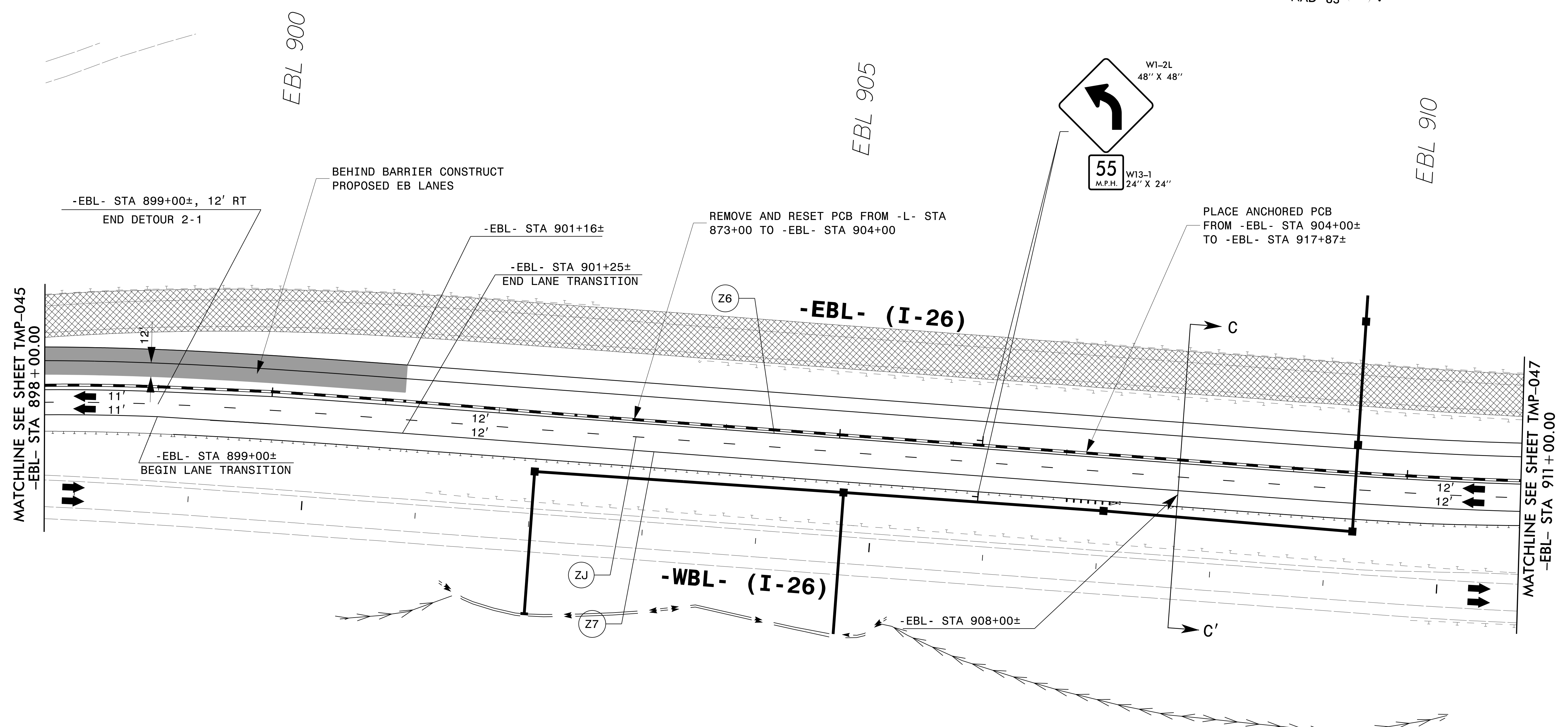
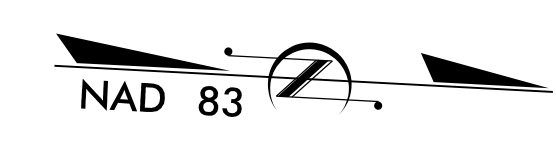
APPROVED: *Dezek Eugene Vap*  
DATE: 3/1/2019  
SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
DEZEK EUGENE VAP  
SEAL 047639



TRANSPORTATION MANAGEMENT PLAN  
AREA 2  
PHASE II  
DETAIL 2

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UNLESS ALL SIGNATURES COMPLETED

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HNTB



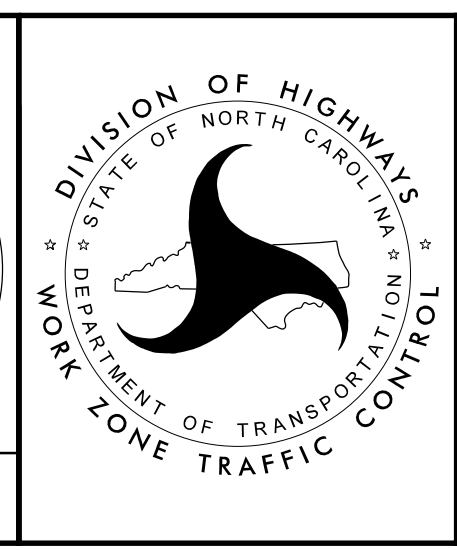
**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-061 & TMP-062 FOR CUT SECTION(S).  
 REMOVE CONFLICTING PAVEMENT MARKING.



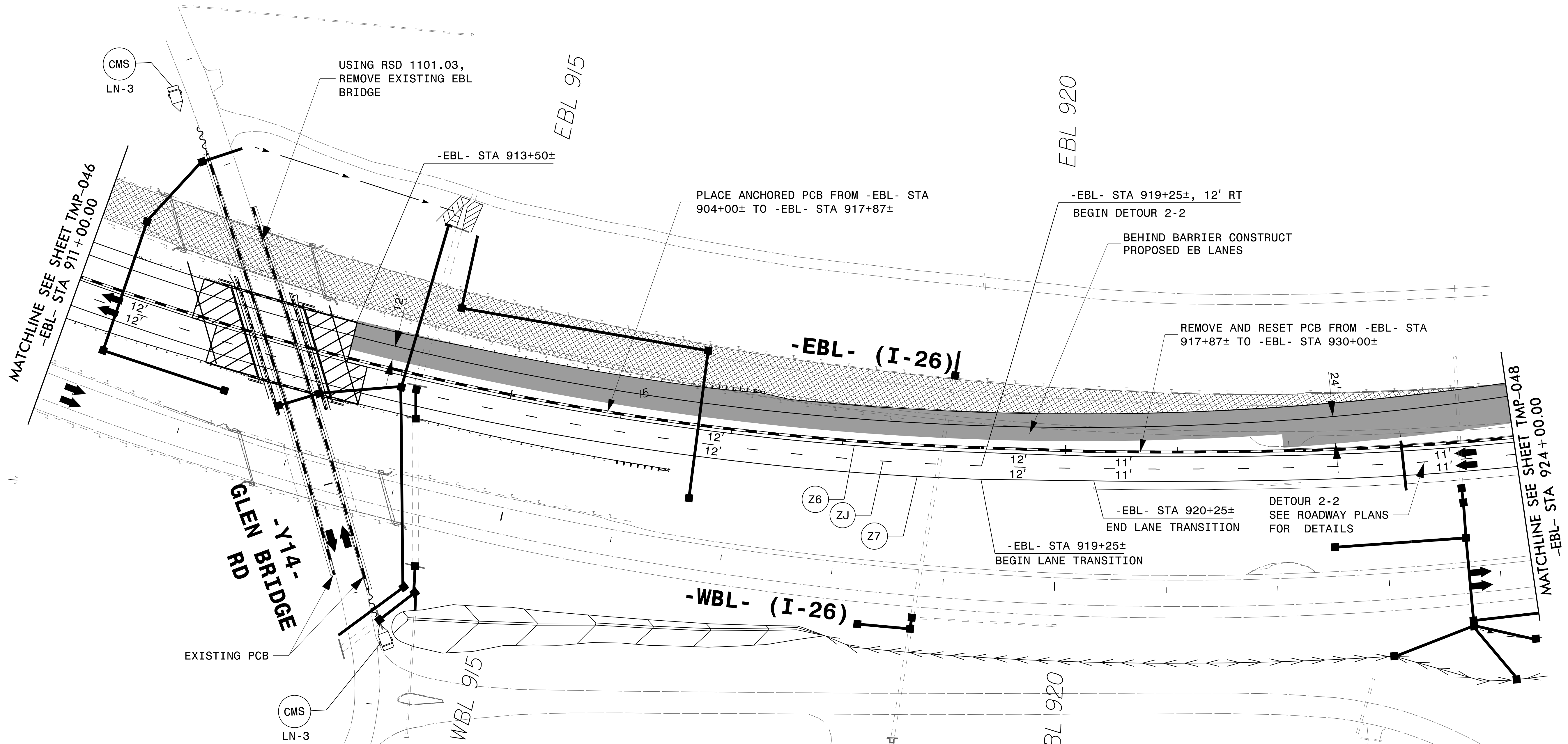
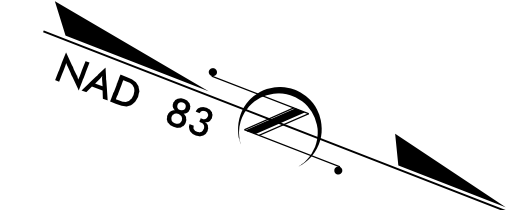
APPROVED: *Derek Eugene Vap*  
 DATE: 4/25/2019  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 047639  
 DEREK EUGENE VAP



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

25-APR-2019 10:14  
 I4700.TC.A2P203.dgn  
 HNTB





MATCHLINE SEE SHEET TMP-046  
-EBL- STA 911+00.00

MATCHLINE SEE SHEET TMP-048  
-EBL- STA 924+00.00

CMS CHANGEABLE MESSAGE SIGN	
MESSAGE NO. 1	MESSAGE NO. 2
GLENN BRIDGE CLOSURE	[DATE] [TIME]

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

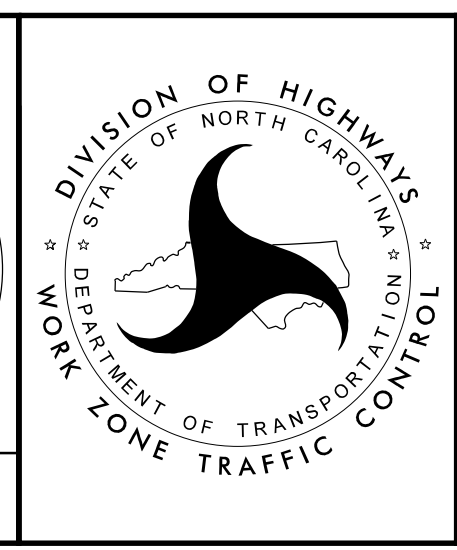
REFER TO SHEETS 2B-10 THRU 2B-24 FOR DETOUR(S).  
REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED:   
DATE: 3/1/2019

SEAL

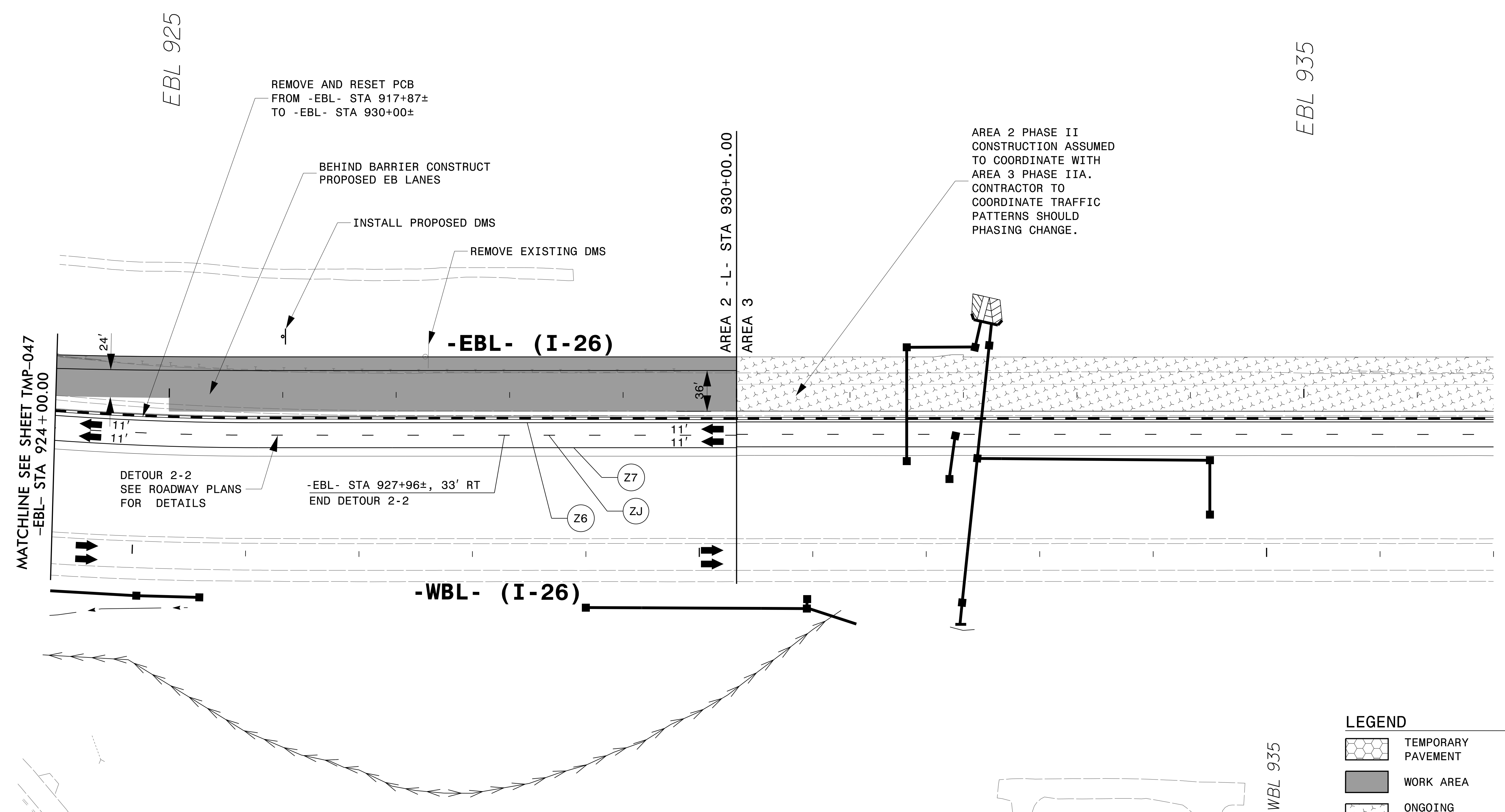
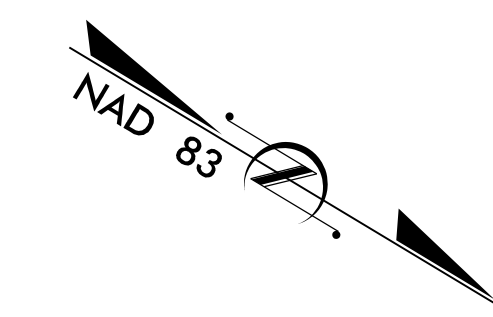
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 2  
PHASE II  
DETAIL 4**

28-FEB-2019 13:38  
I4700A\_Tc\_A2P2D4.dgn  
HNTB



MATCHLINE SEE SHEET TMP-047  
-EBL- STA 924+00.00

WBL 925

WBL 930

WBL 935

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

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

REMOVE CONFLICTING PAVEMENT MARKING.

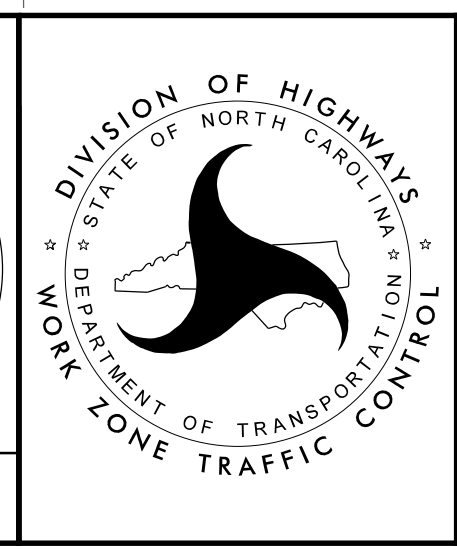


APPROVED:

DATE: 3/1/2019

SEAL

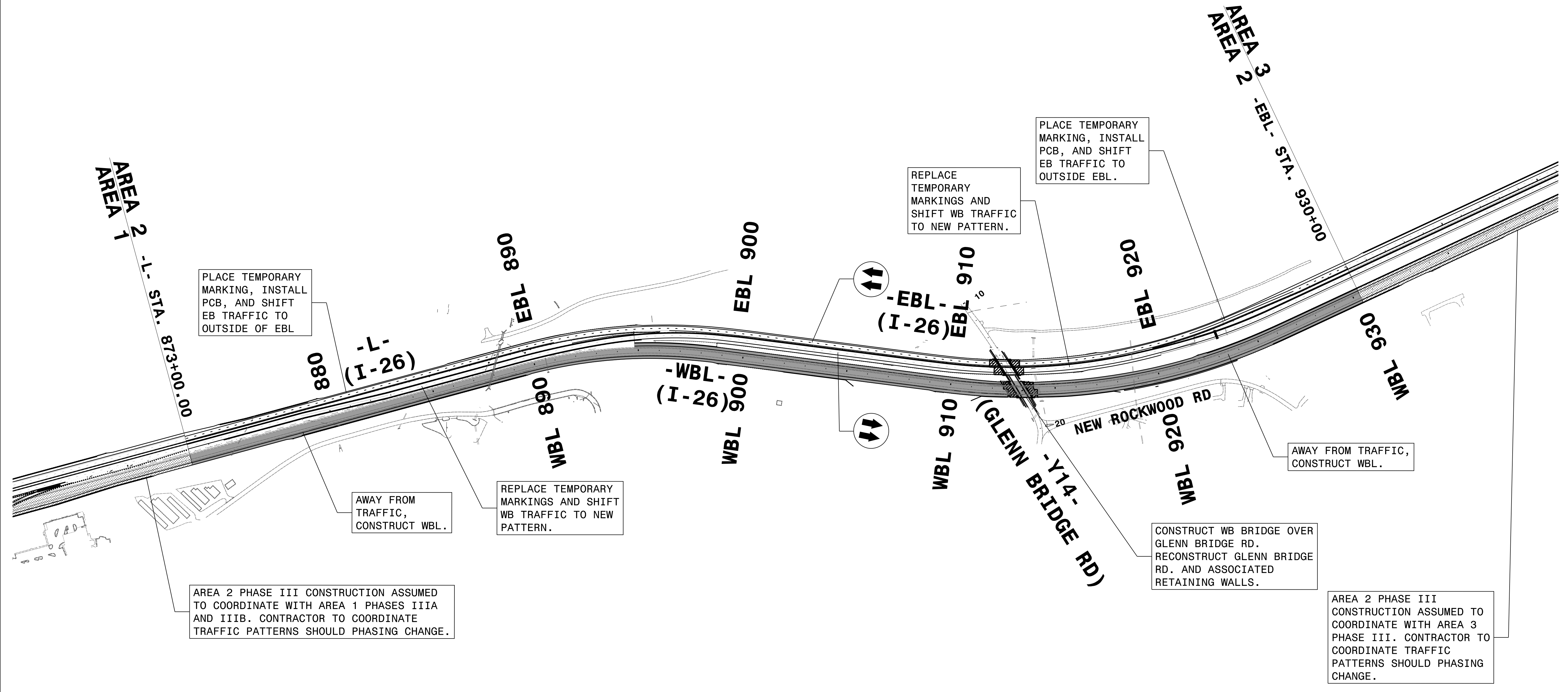
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 2 PHASE II DETAIL 5**

28-FEB-2019 13:38  
I:\700A\_Tc\_A2P205.dgn  
HNTB



PLACE TEMPORARY MARKING, INSTALL PCB, AND SHIFT EB TRAFFIC TO OUTSIDE OF EBL

AWAY FROM TRAFFIC, CONSTRUCT WBL.

REPLACE TEMPORARY MARKINGS AND SHIFT WB TRAFFIC TO NEW PATTERN.

AREA 2 PHASE III CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 1 PHASES IIIA AND IIIB. CONTRACTOR TO COORDINATE TRAFFIC PATTERNS SHOULD PHASING CHANGE.

REPLACE TEMPORARY MARKINGS AND SHIFT WB TRAFFIC TO NEW PATTERN.

PLACE TEMPORARY MARKING, INSTALL PCB, AND SHIFT EB TRAFFIC TO OUTSIDE EBL.

AWAY FROM TRAFFIC, CONSTRUCT WBL.

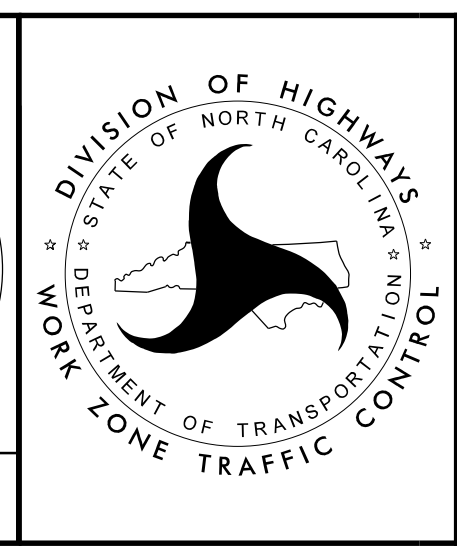
CONSTRUCT WB BRIDGE OVER GLENN BRIDGE RD. RECONSTRUCT GLENN BRIDGE RD. AND ASSOCIATED RETAINING WALLS.

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

28-FEB-2019 13:38  
I4700A\_Tc\_A2P3\_OV.dgn  
HNTB

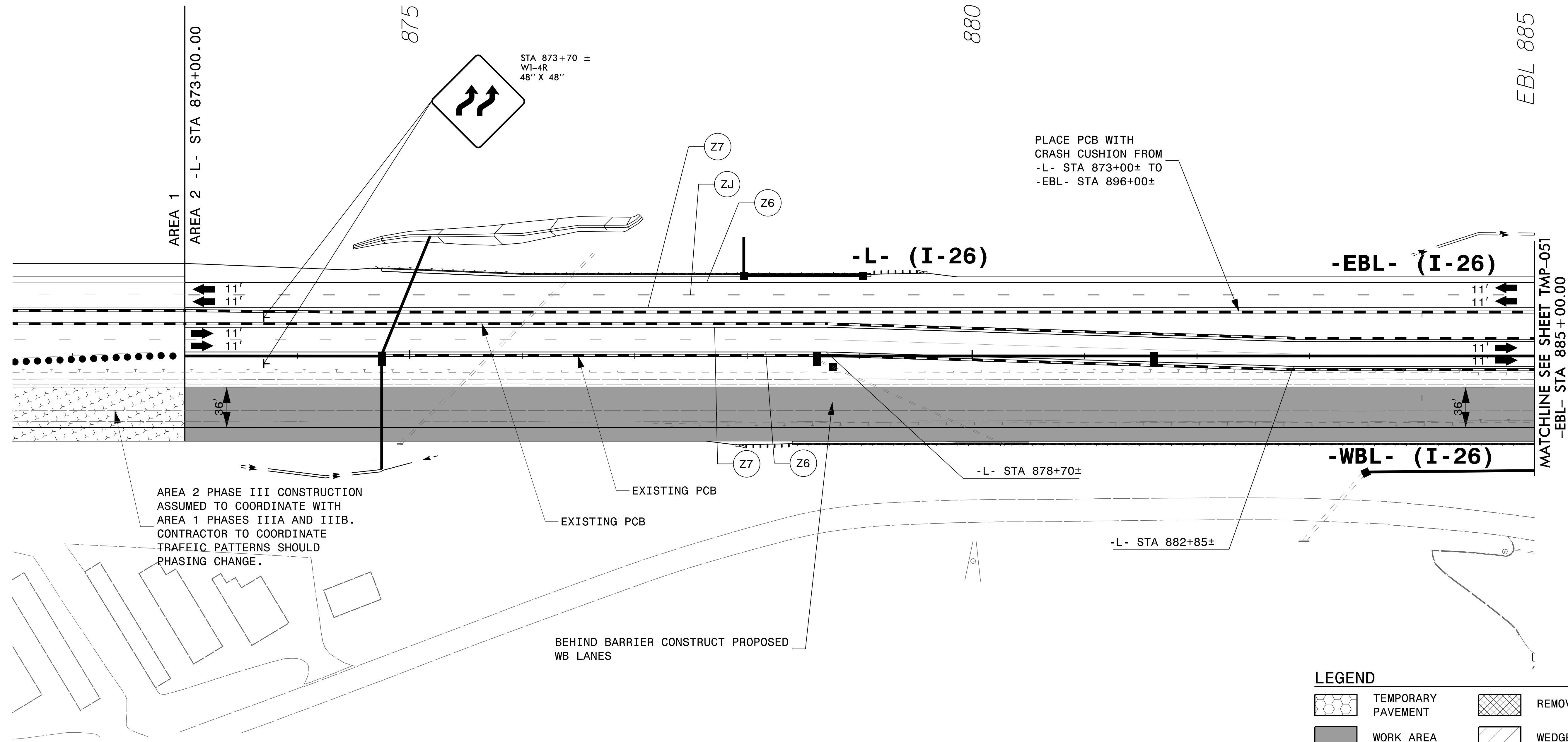
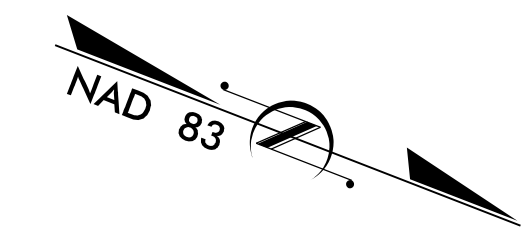
**HNTB** HNTB NORTH CAROLINA, P.C.  
343 E. SIX FORKS ROAD, SUITE 200  
RALEIGH, NORTH CAROLINA 27609  
NC LICENSE NO: C-1554

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



TRANSPORTATION MANAGEMENT PLAN  
**AREA 2 PHASE III OVERVIEW**

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**LEGEND**

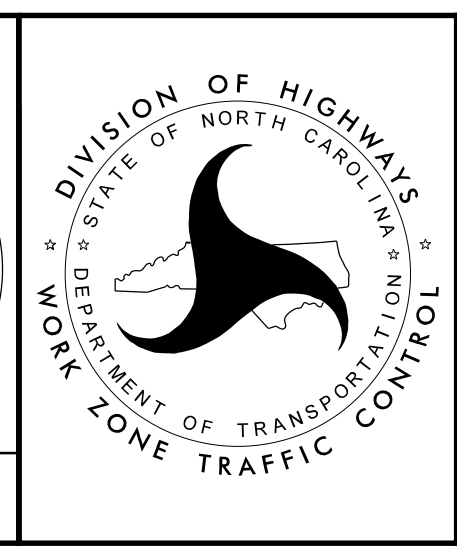
	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:38  
 I4700A\_Tc\_A2P3D.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

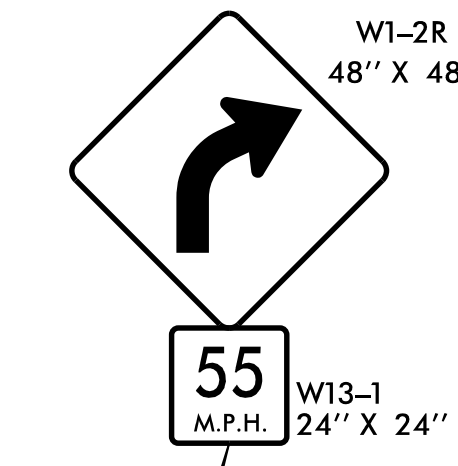
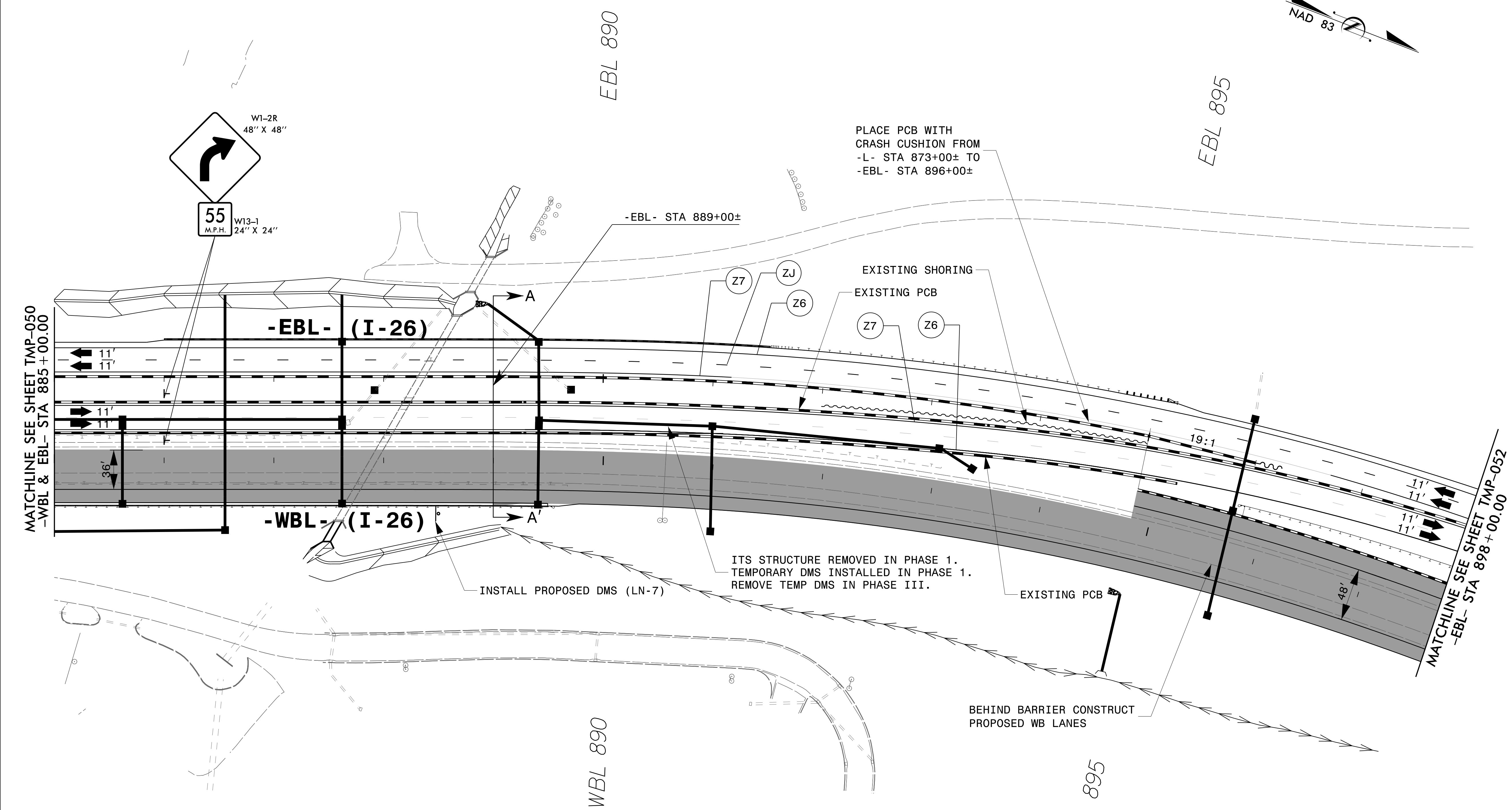
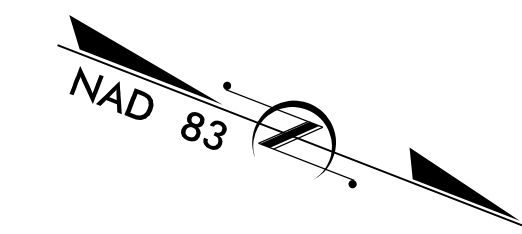
APPROVED:   
 DATE: 3/1/2019  
 SEAL



**TRANSPORTATION MANAGEMENT PLAN**

**AREA 2 PHASE III DETAIL 1**

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



MATCHLINE SEE SHEET TMP-050  
-WBL & EBL- STA 885+00.00

MATCHLINE SEE SHEET TMP-052  
-EBL- STA 898+00.00

**LEGEND**

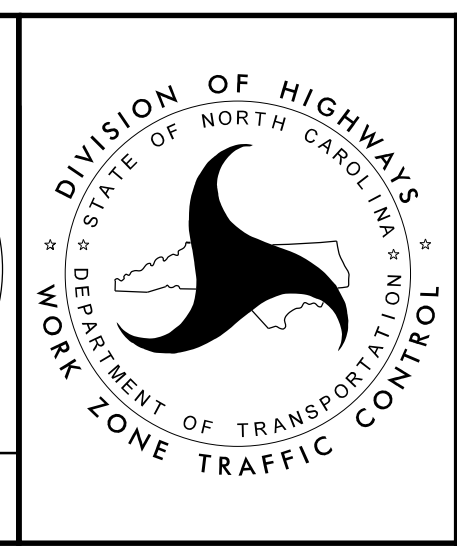
	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-061 & TMP-062 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.



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DATE: 3/1/2019  
SEAL:

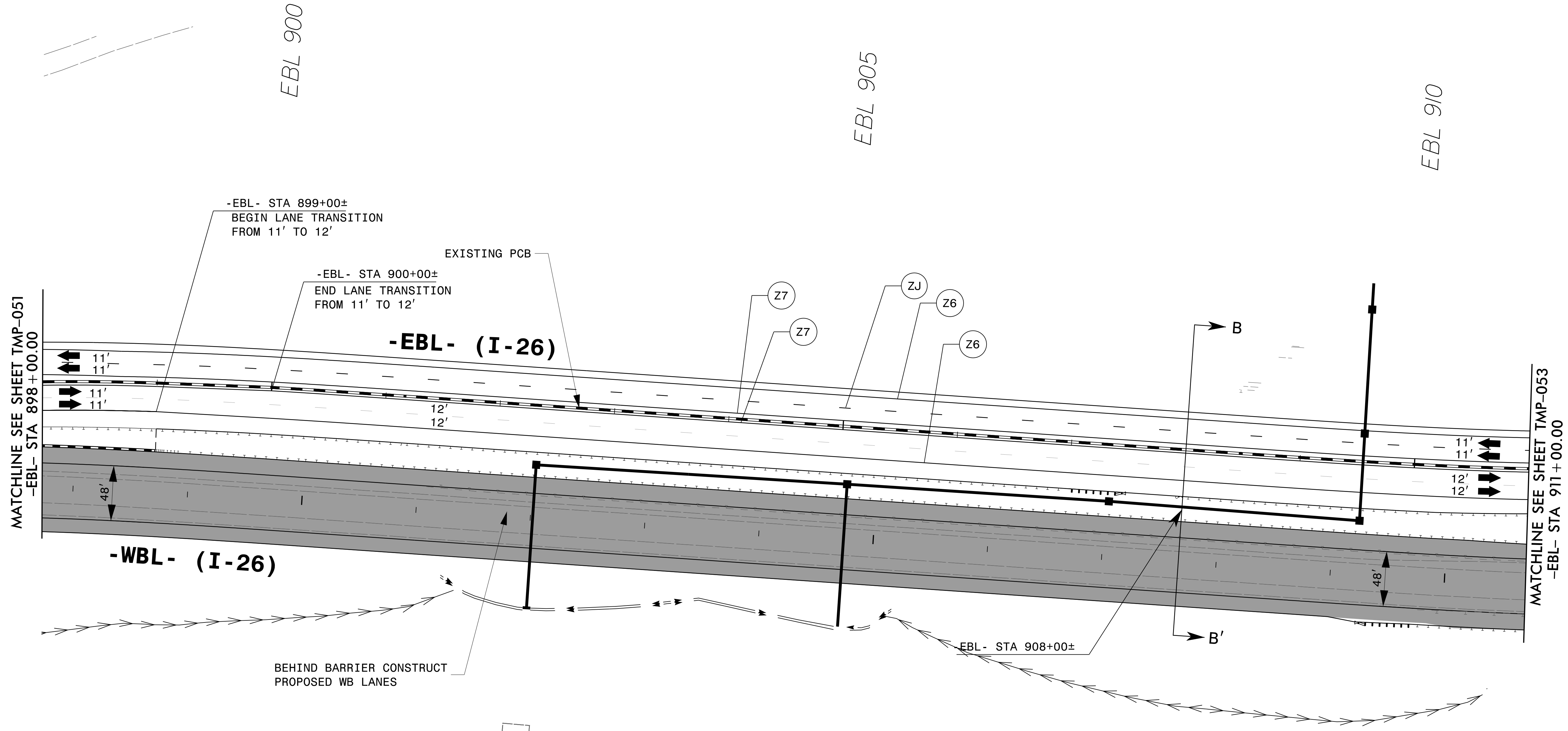
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 2  
PHASE III  
DETAIL 2**

28-FEB-2019 13:38  
I4700A\_Tc\_A2P3D2.dgn  
HNTB



MATCHLINE SEE SHEET TMP-051  
-EBL- STA 898+00.00

MATCHLINE SEE SHEET TMP-053  
-EBL- STA 911+00.00

-EBL- STA 899+00±  
BEGIN LANE TRANSITION  
FROM 11' TO 12'

-EBL- STA 900+00±  
END LANE TRANSITION  
FROM 11' TO 12'

EXISTING PCB

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

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

BEHIND BARRIER CONSTRUCT  
PROPOSED WB LANES

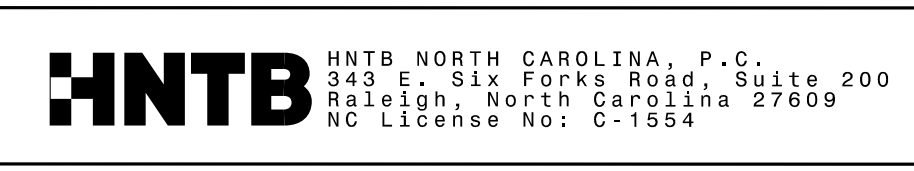
EBL - STA 908+00±

**LEGEND**

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

25-APR-2019 19:00  
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HNTB

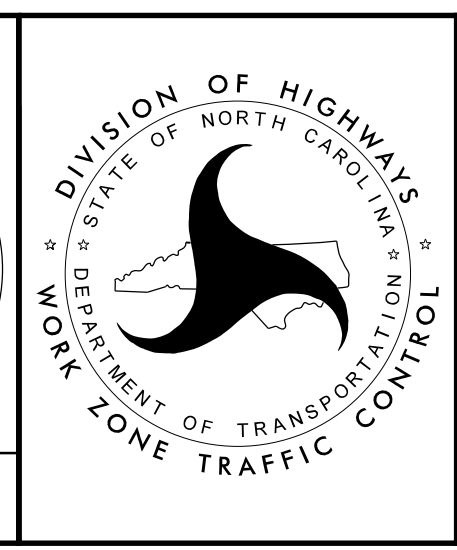
REFER TO SHEETS TMP-061 - TMP-062 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.



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

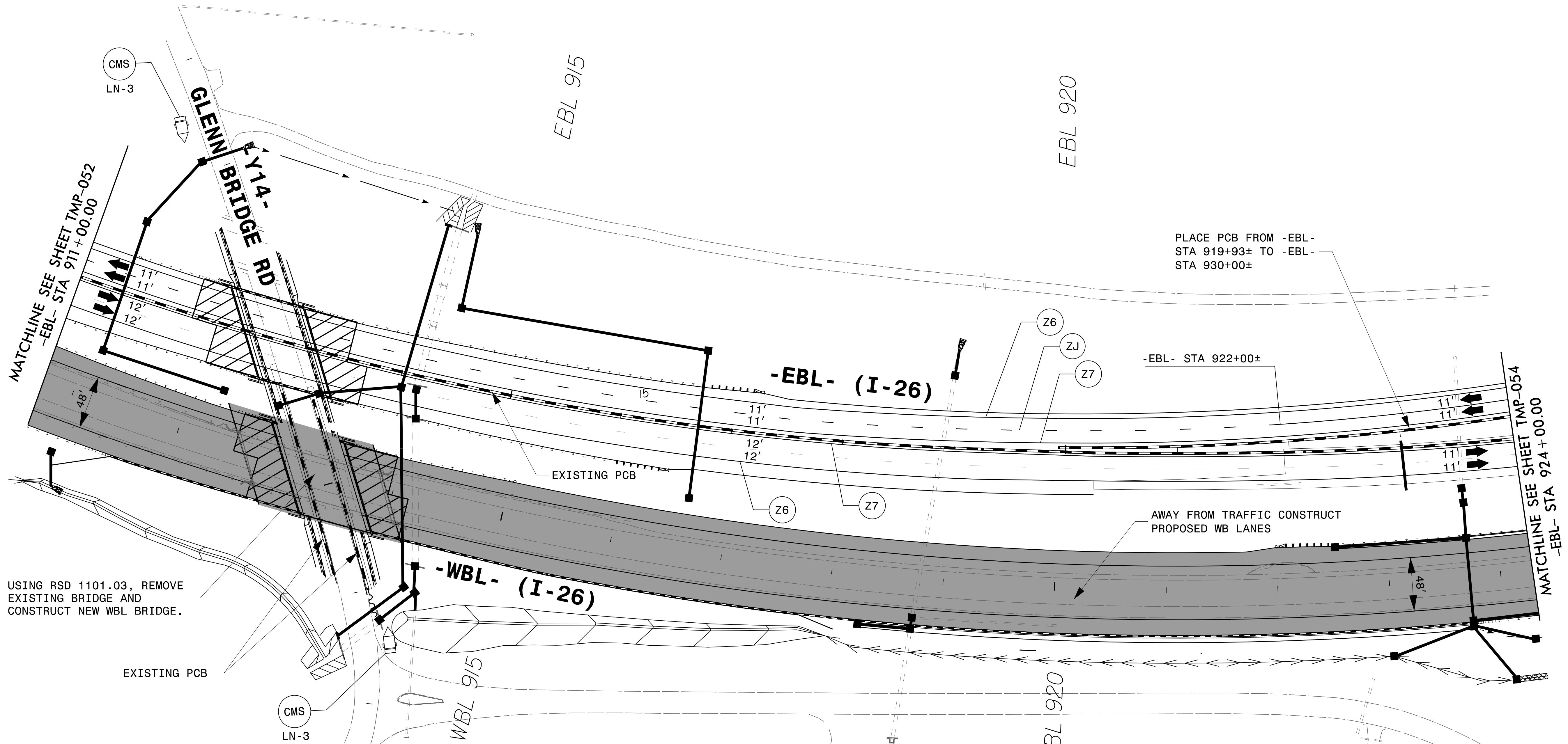
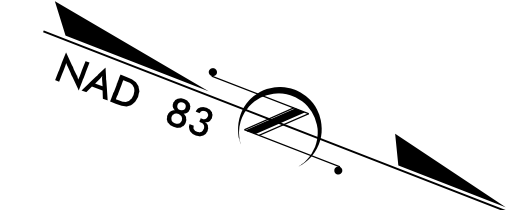
SEAL

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**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 2  
PHASE III  
DETAIL 3**



USING RSD 1101.03, REMOVE EXISTING BRIDGE AND CONSTRUCT NEW WBL BRIDGE.

MATCHLINE SEE SHEET TMP-052  
-EBL- STA 911+00.00

MATCHLINE SEE SHEET TMP-054  
-EBL- STA 924+00.00

CMS CHANGEABLE MESSAGE SIGN

MESSAGE NO. 1	MESSAGE NO. 2
GLENN BRIDGE CLOSURE	[DATE] [TIME]

LEGEND

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REMOVE CONFLICTING PAVEMENT MARKING.

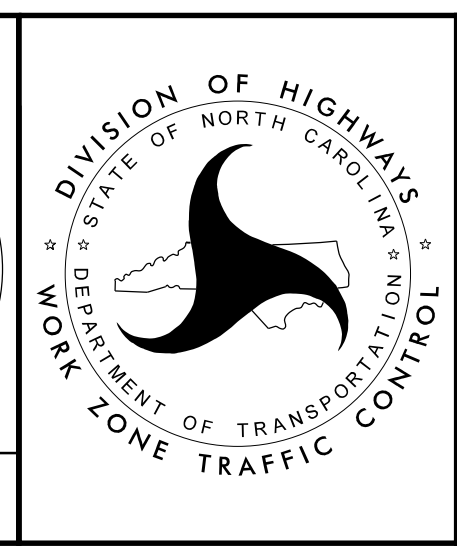


APPROVED:

DATE: 3/1/2019

SEAL

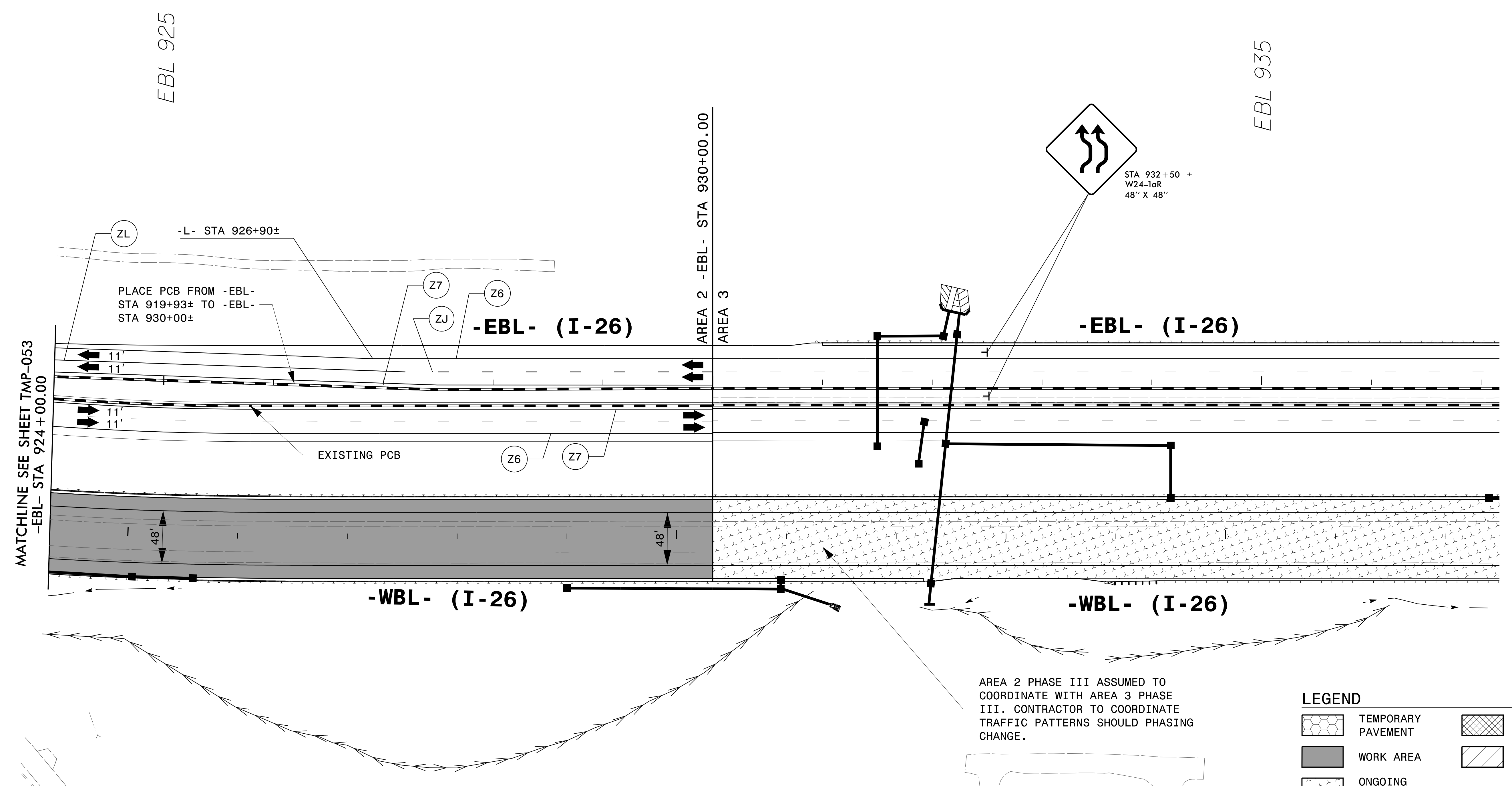
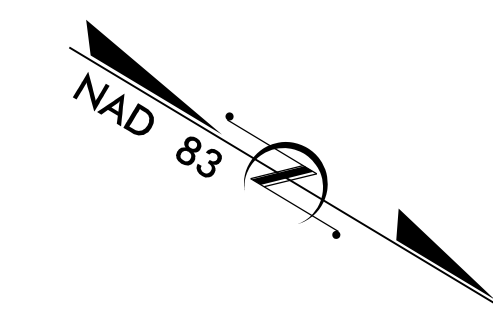
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



TRANSPORTATION MANAGEMENT PLAN

AREA 2  
PHASE III  
DETAIL 4

28-FEB-2019 13:39  
I4700A\_Tc\_A2P3D4.dgn  
HNTB



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

**LEGEND**

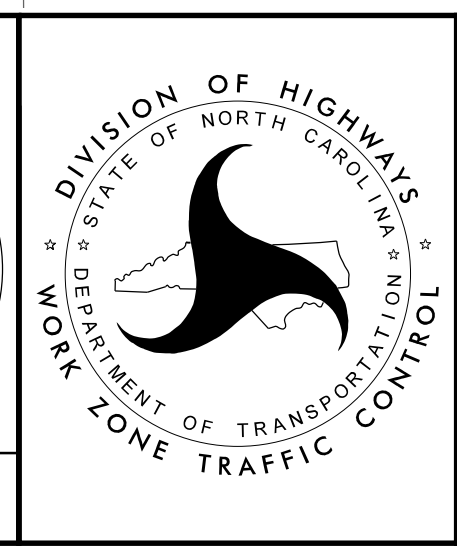
	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REMOVE CONFLICTING PAVEMENT MARKING.

28-FEB-2019 13:39  
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HNTB

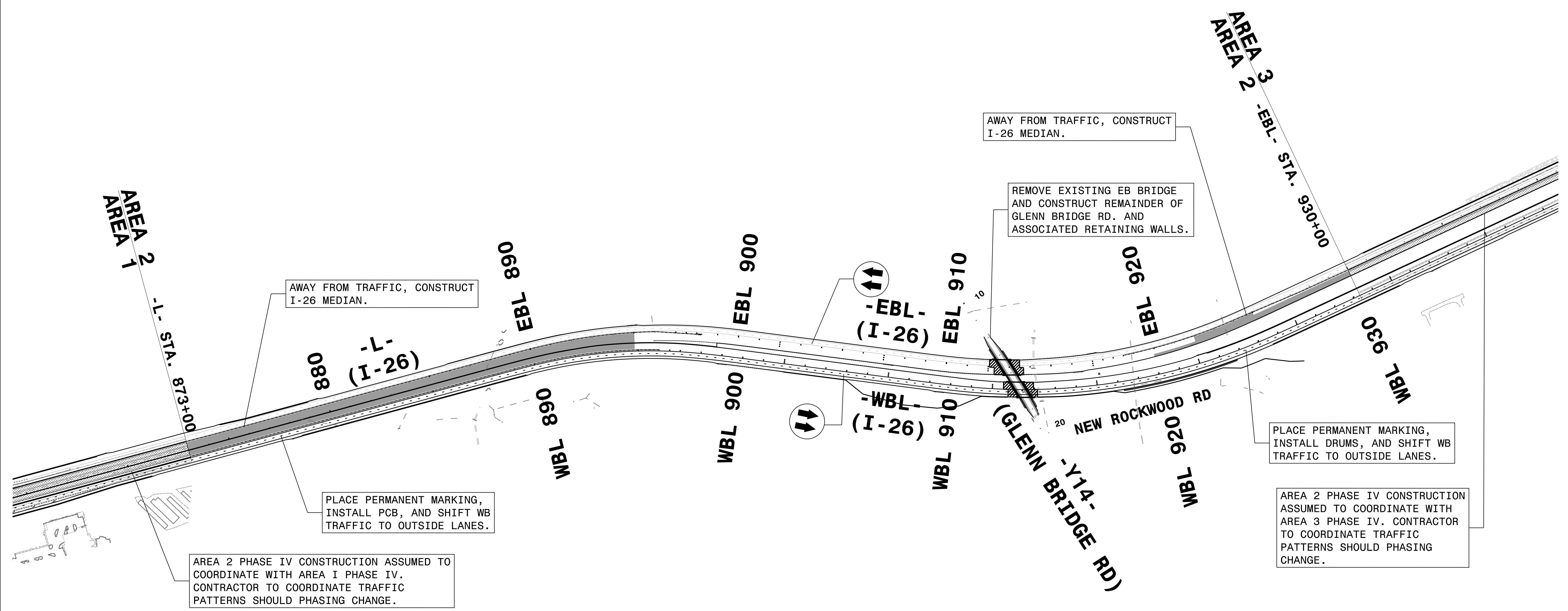
**HNTB** HNTB NORTH CAROLINA, P.C.  
343 E. SIX FORKS ROAD, SUITE 200  
RALEIGH, NORTH CAROLINA 27609  
NC License No: C-1554

APPROVED:   
DATE: 3/1/2019  
SEAL



TRANSPORTATION MANAGEMENT PLAN  
**AREA 2 PHASE III DETAIL 5**





AWAY FROM TRAFFIC, CONSTRUCT I-26 MEDIAN.

AWAY FROM TRAFFIC, CONSTRUCT I-26 MEDIAN.

REMOVE EXISTING EB BRIDGE AND CONSTRUCT REMAINDER OF GLENN BRIDGE RD. AND ASSOCIATED RETAINING WALLS.

PLACE PERMANENT MARKING, INSTALL DRUMS, AND SHIFT WB TRAFFIC TO OUTSIDE LANES.

PLACE PERMANENT MARKING, INSTALL PCB, AND SHIFT WB TRAFFIC TO OUTSIDE LANES.

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

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

28-FEB-2019 13:39  
I4700A\_Tc\_A2P4\_OV.dgn  
HNTB

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

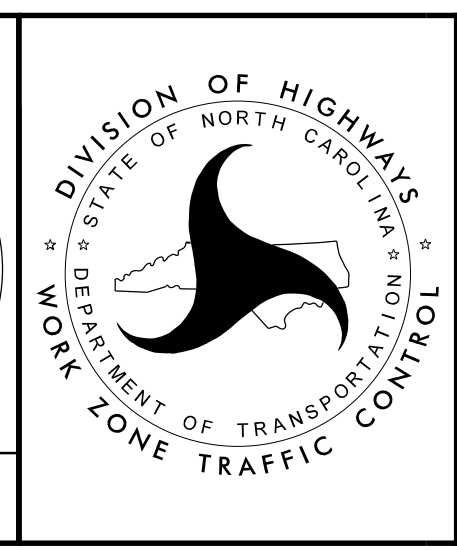
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DATE: 3/1/2019

SEAL

DocuSigned by:  
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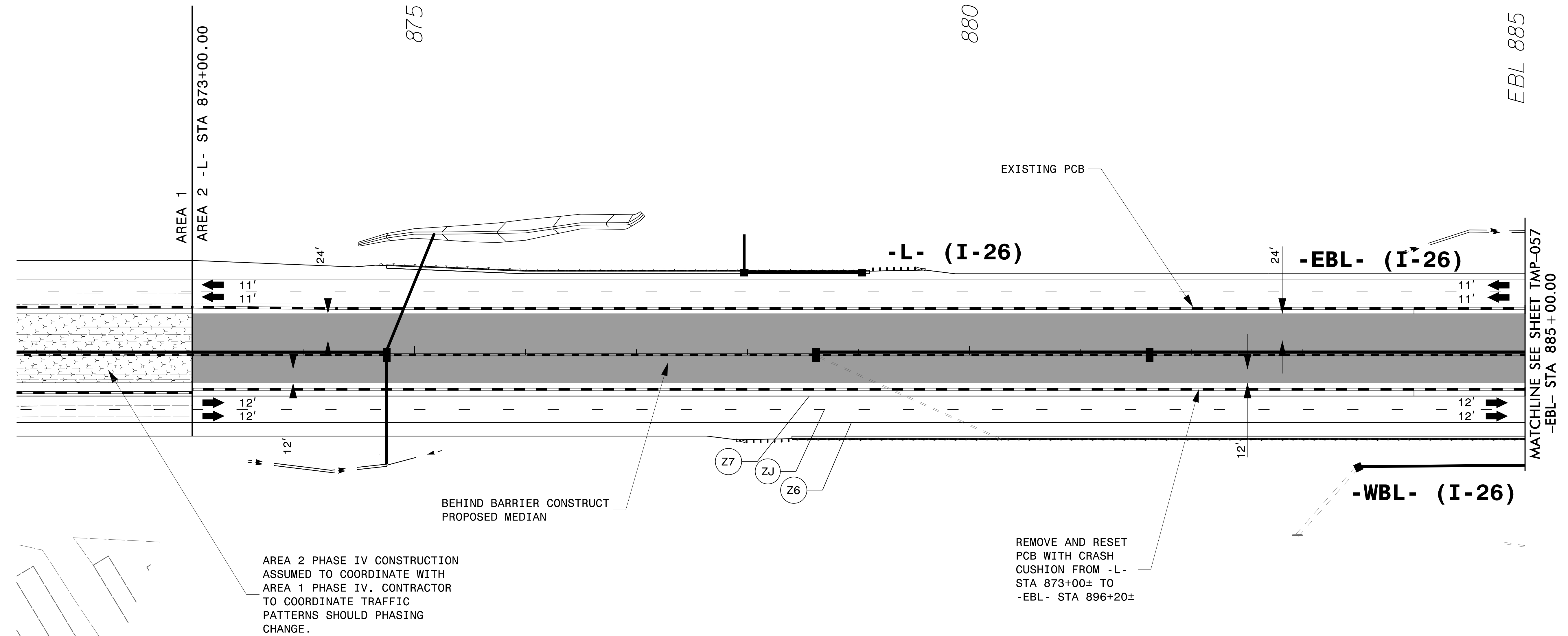
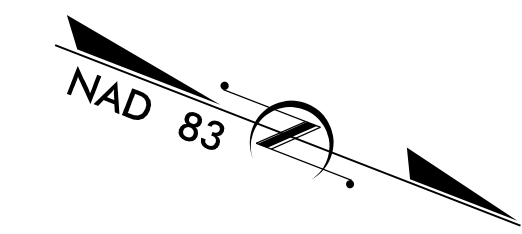
SEAL  
047639  
ENGINEER  
DEREK EUGENE VAP

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



TRANSPORTATION  
MANAGEMENT PLAN

**AREA 2  
PHASE IV  
OVERVIEW**



**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:39  
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 HNTB

REMOVE CONFLICTING PAVEMENT MARKING.



APPROVED:

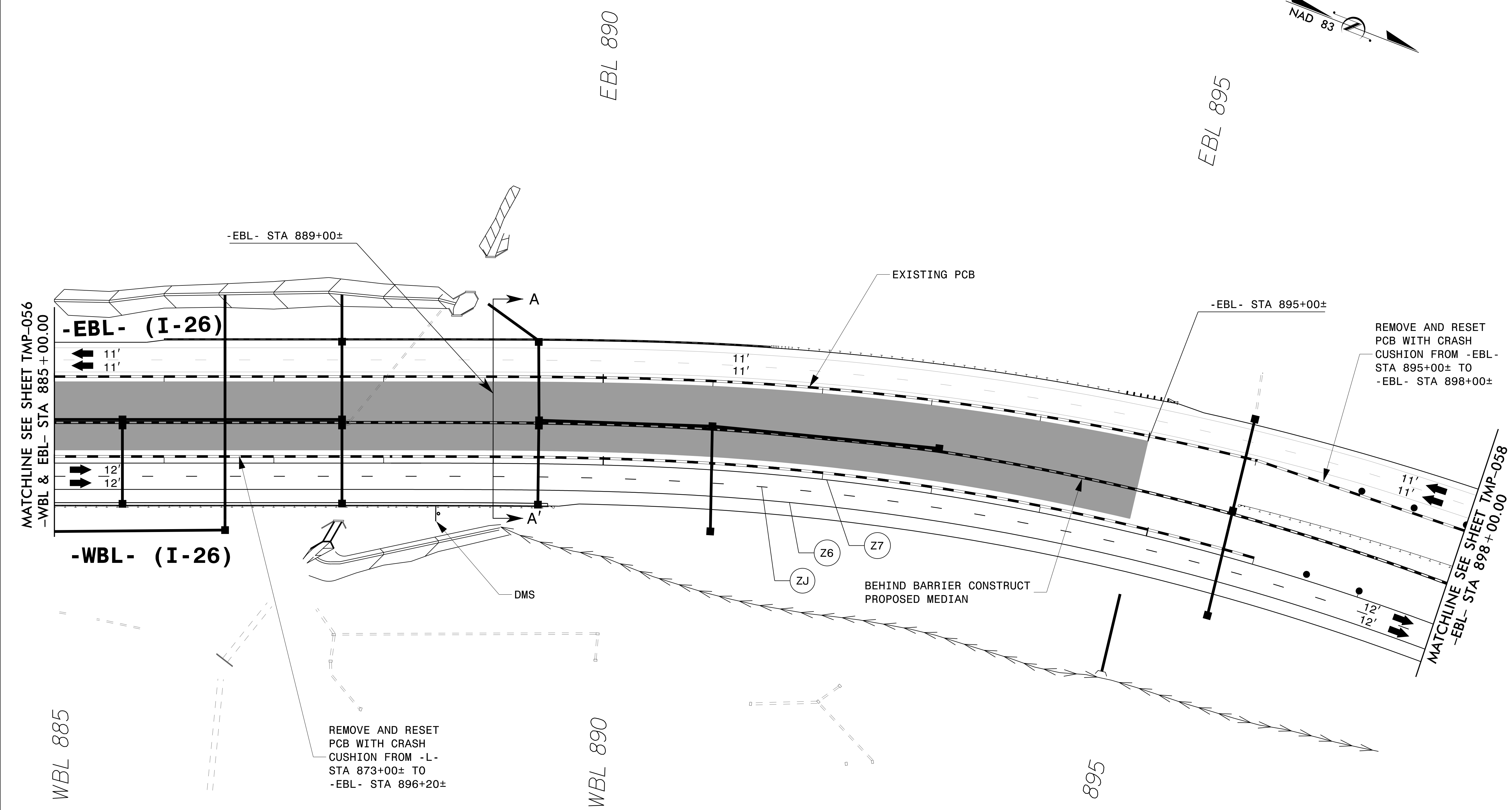
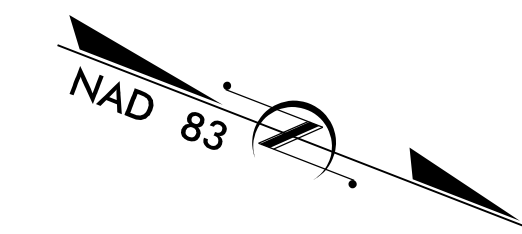
DATE: 3/1/2019

SEAL



**TRANSPORTATION  
 MANAGEMENT PLAN**  
  
**AREA 2  
 PHASE IV  
 DETAIL 1**

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



MATCHLINE SEE SHEET TMP-056  
-WBL & EBL- STA 885+00.00

REMOVE AND RESET  
PCB WITH CRASH  
CUSHION FROM -EBL-  
STA 895+00± TO  
-EBL- STA 898+00±

MATCHLINE SEE SHEET TMP-058  
-EBL- STA 898+00.00

REMOVE AND RESET  
PCB WITH CRASH  
CUSHION FROM -L-  
STA 873+00± TO  
-EBL- STA 896+20±

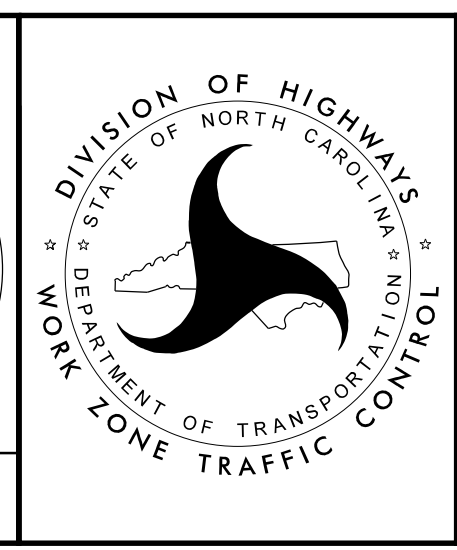
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	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

REFER TO SHEETS TMP-061 & TMP-062 FOR CUT SECTION(S).  
REMOVE CONFLICTING PAVEMENT MARKING.



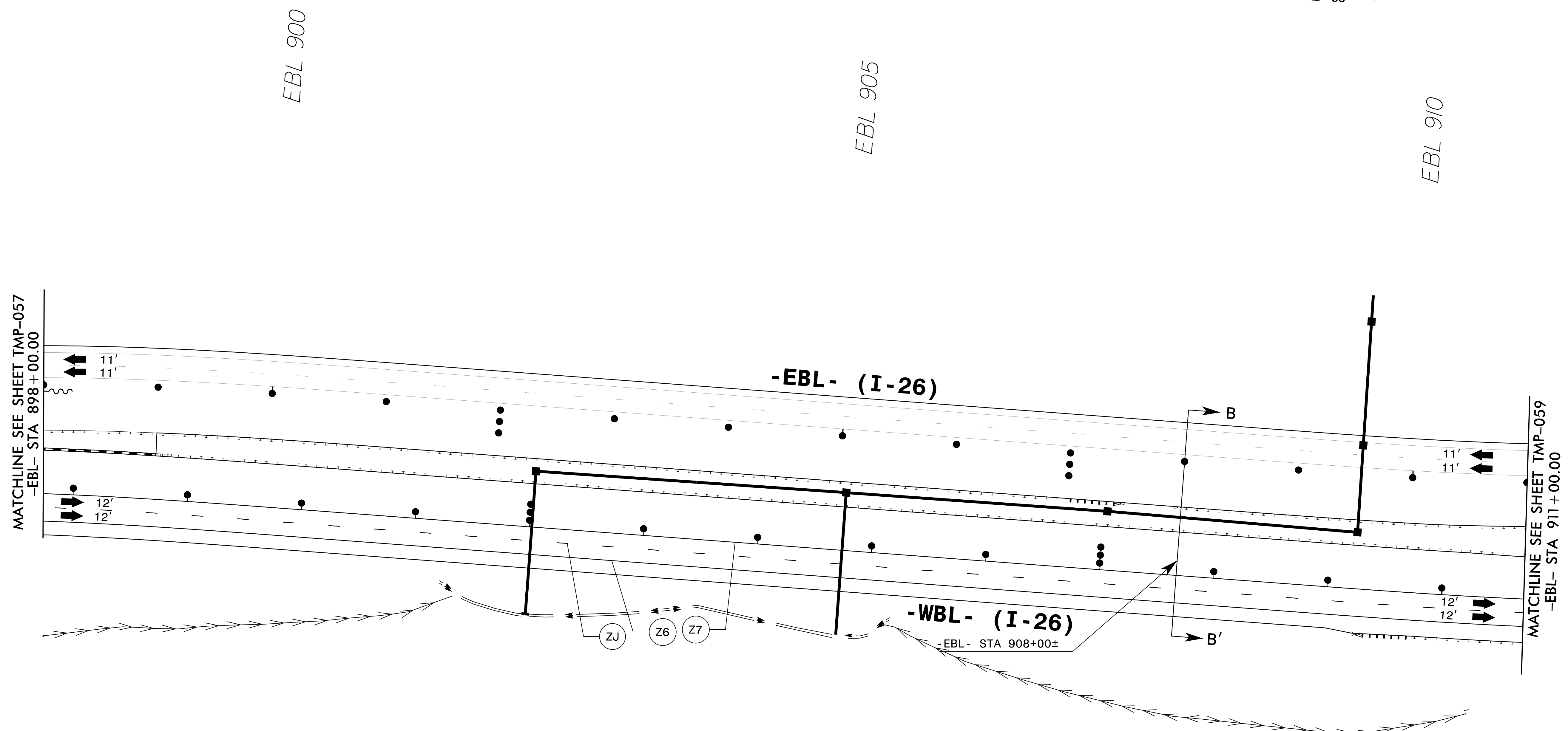
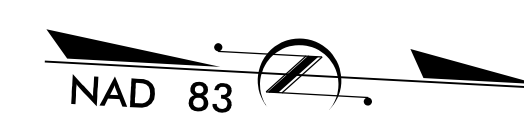
APPROVED:   
DATE: 3/1/2019  
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**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 2  
PHASE IV  
DETAIL 2**

28-FEB-2019 13:39  
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HNTB



**LEGEND**

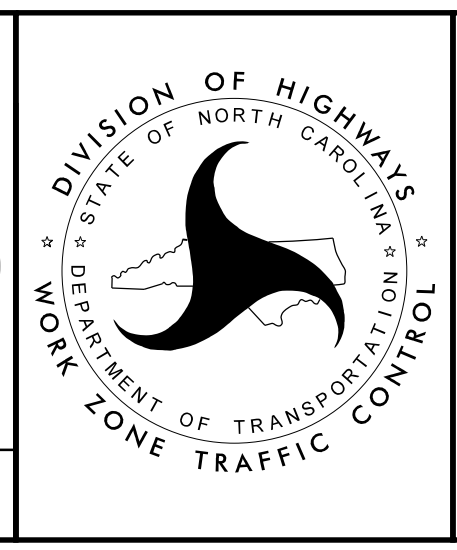
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	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

25-APR-2019 19:00  
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 HNTB

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 REMOVE CONFLICTING PAVEMENT MARKING.

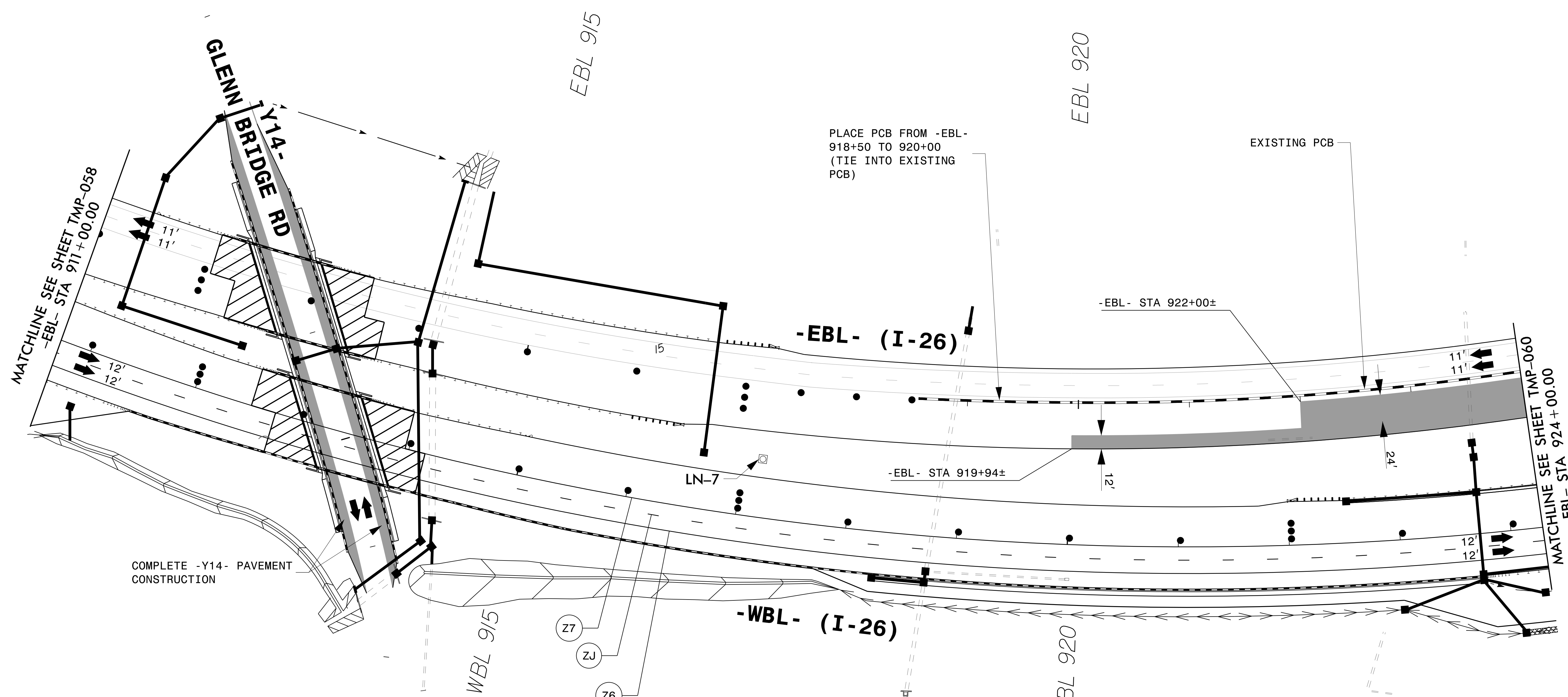
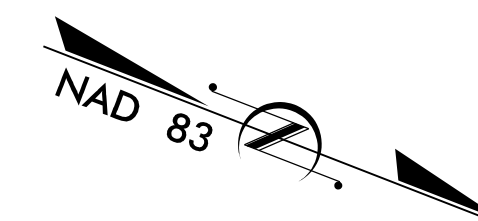
**HNTB** HNTB NORTH CAROLINA, P.C.  
 343 E. Six Forks Road, Suite 200  
 Raleigh, North Carolina 27609  
 NC License No: C-1554

APPROVED: *Detrek Eugene Vap*  
DocuSigned by:  
 Detrek Eugene Vap  
 C8273C85AE5A4C9  
 DATE: 4/25/2019  
 SEAL



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

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

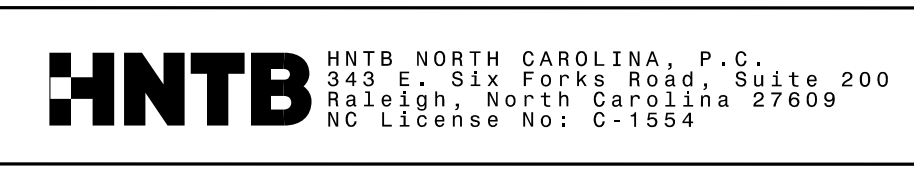


**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:39  
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 HNTB

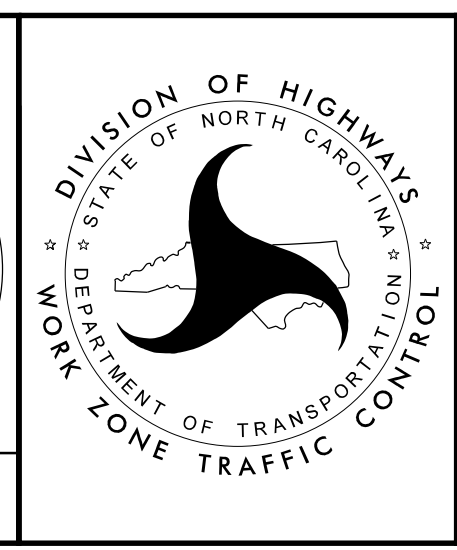
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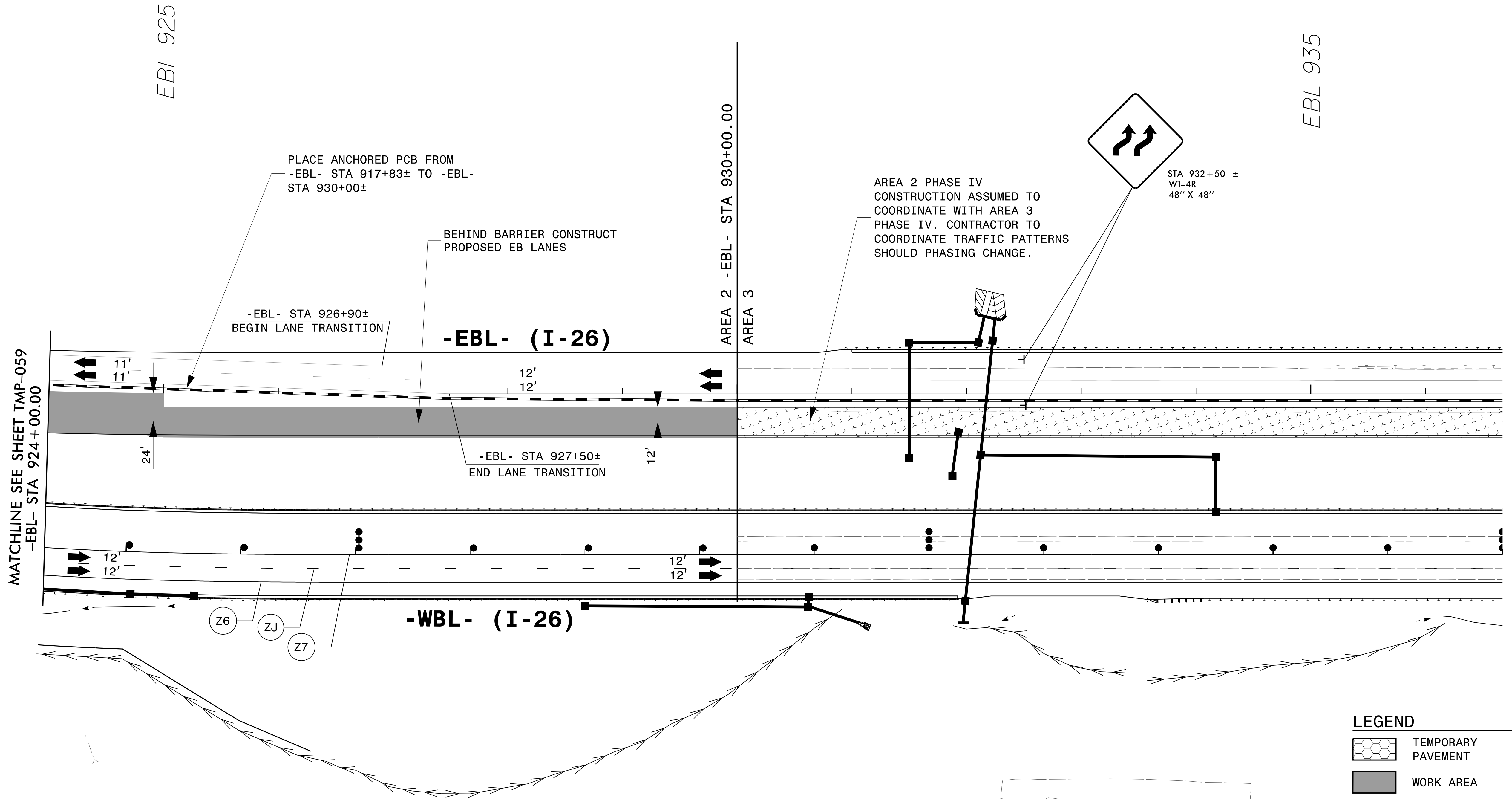
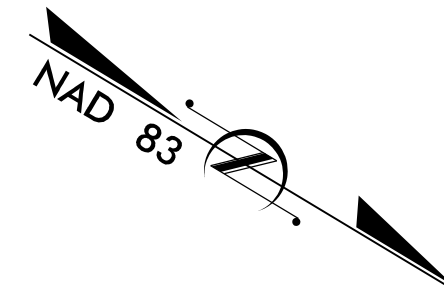
DATE: 3/1/2019

SEAL



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

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



MATCHLINE SEE SHEET TMP-059  
-EBL- STA 924+00.00

-EBL- STA 926+90±  
BEGIN LANE TRANSITION

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

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

-EBL- STA 927+50±  
END LANE TRANSITION

AREA 2 -EBL- STA 930+00.00  
AREA 3

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

STA 932+50 ±  
WI-4R  
48" X 48"

EBL 925

EBL 935

WBL 925

WBL 930

Z6  
ZJ  
Z7

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:40  
I:\700A\_Tc\_A2P405.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

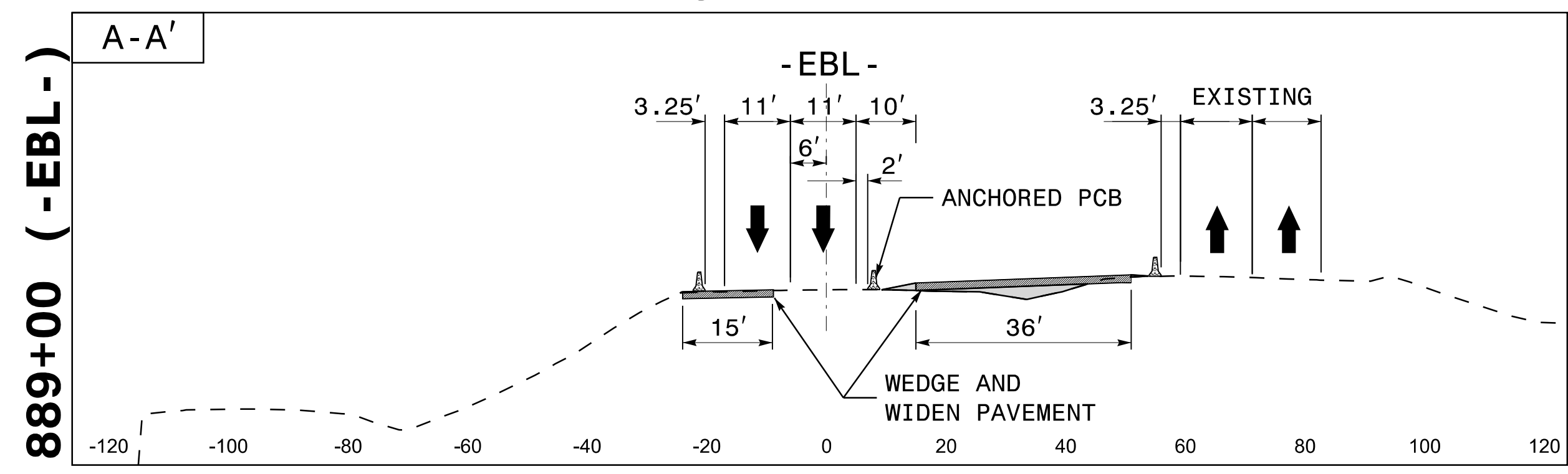


**TRANSPORTATION  
MANAGEMENT PLAN**

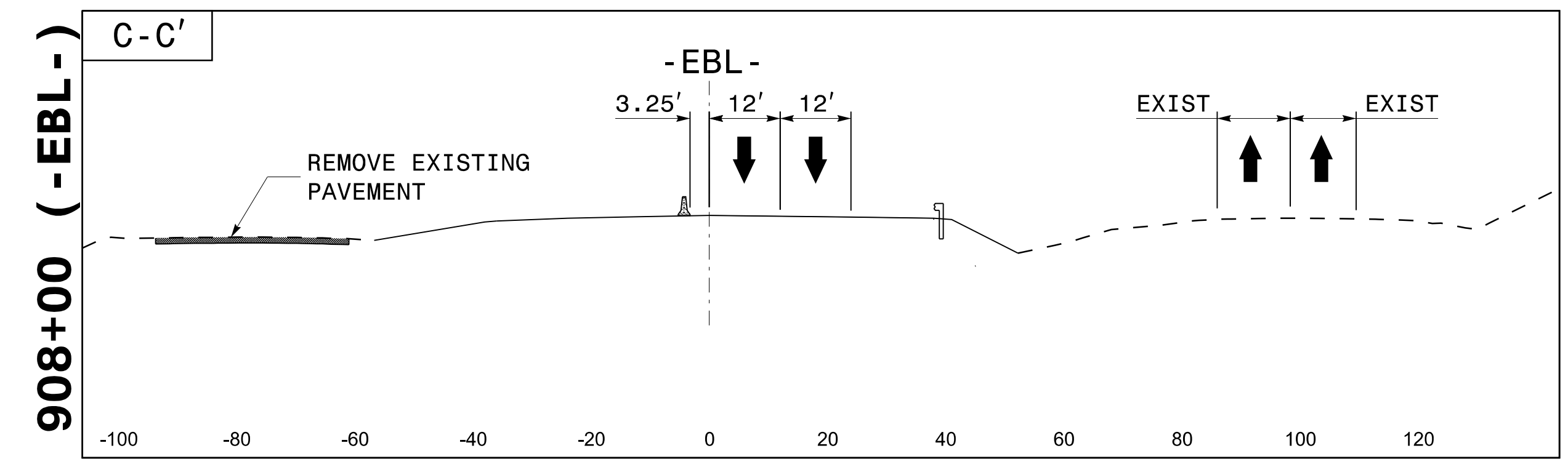
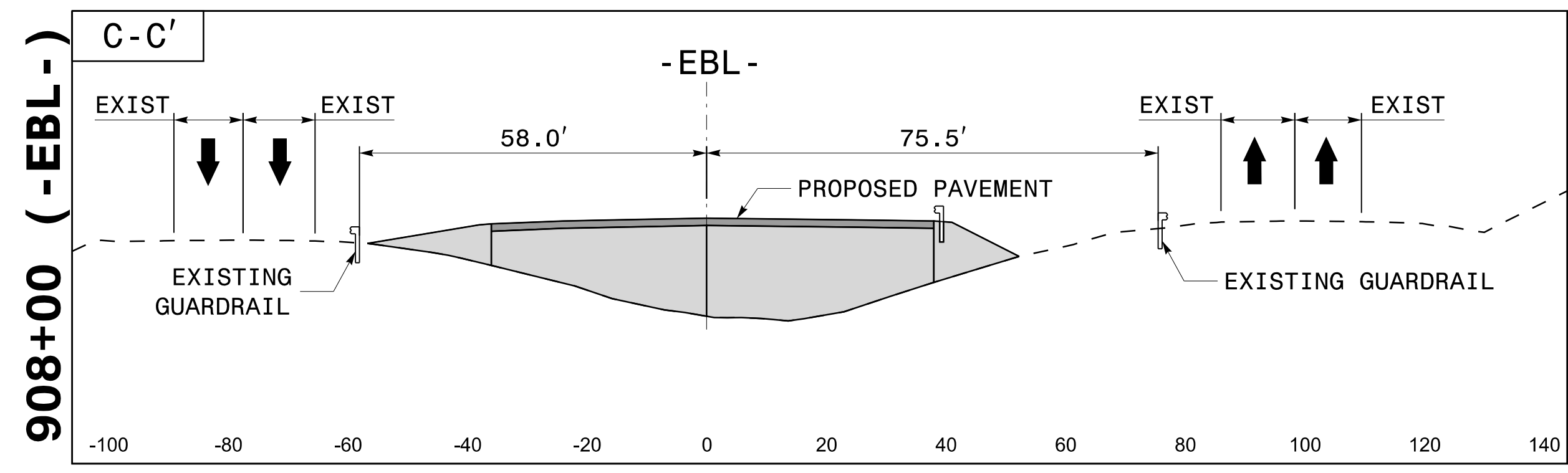
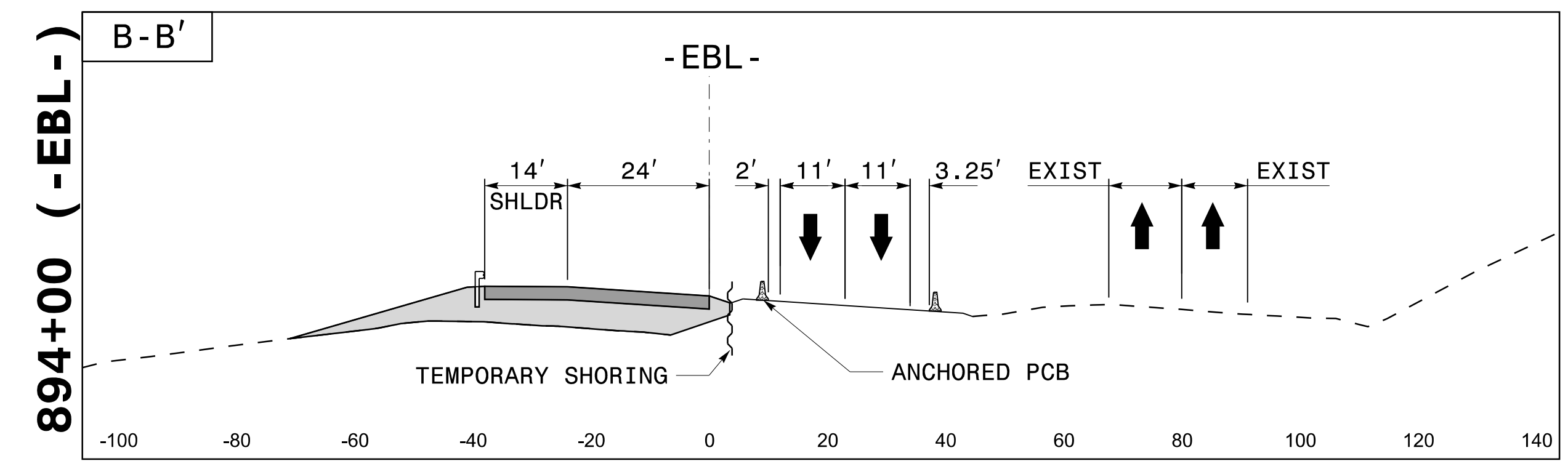
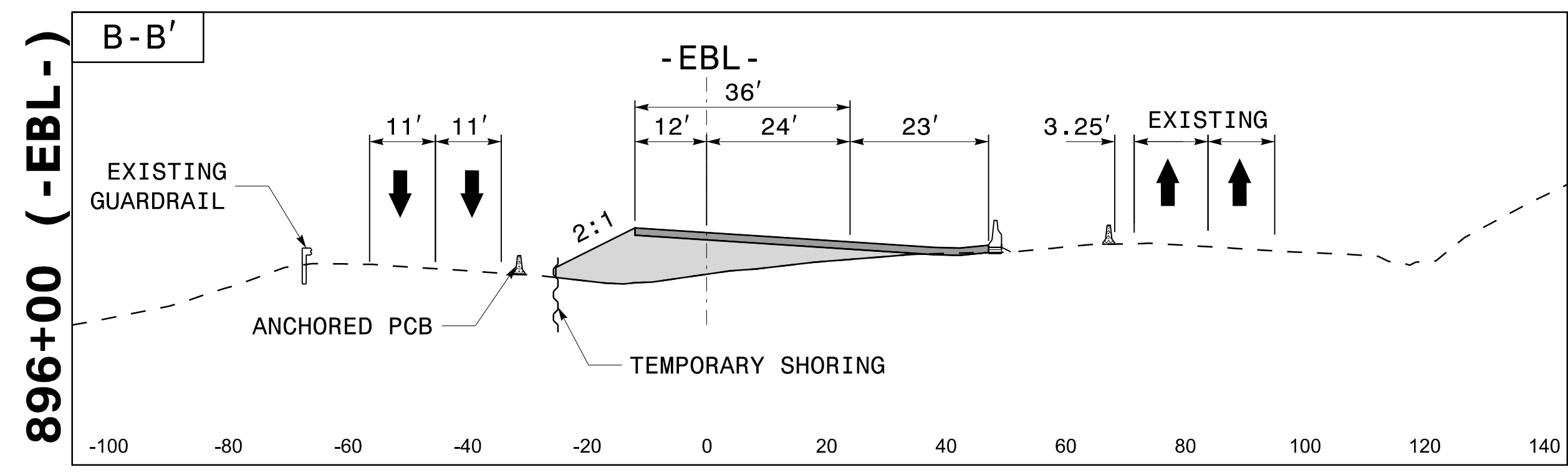
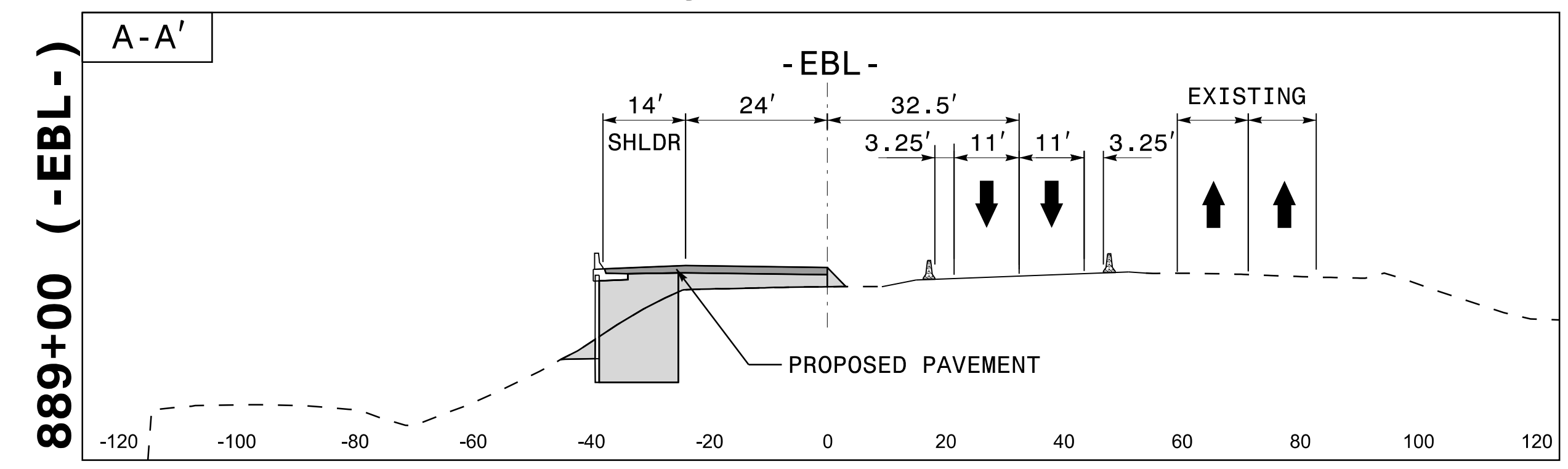
**AREA 2  
PHASE IV  
DETAIL 5**

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

### PHASE I



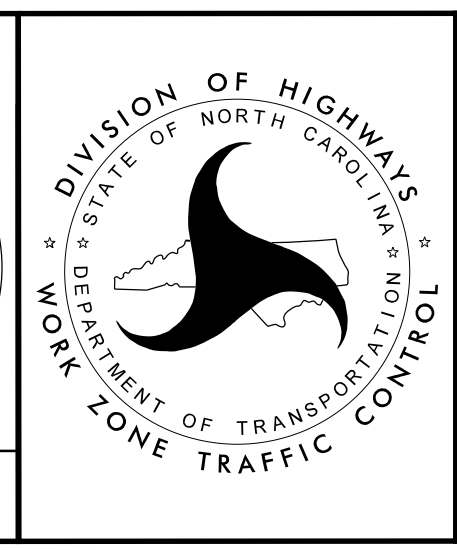
### PHASE II



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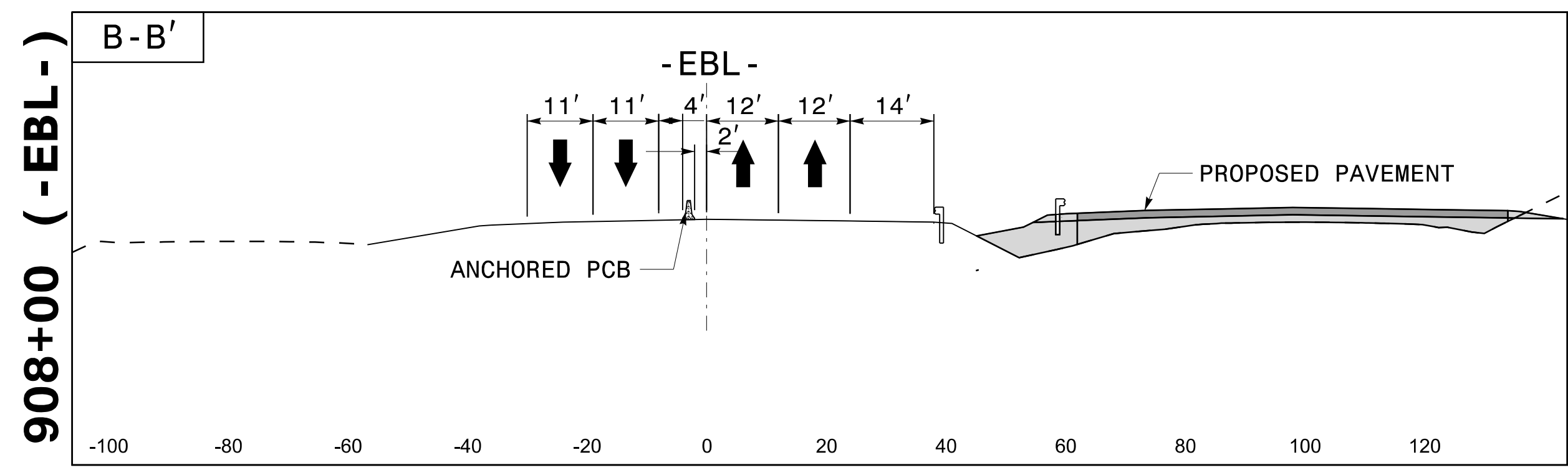
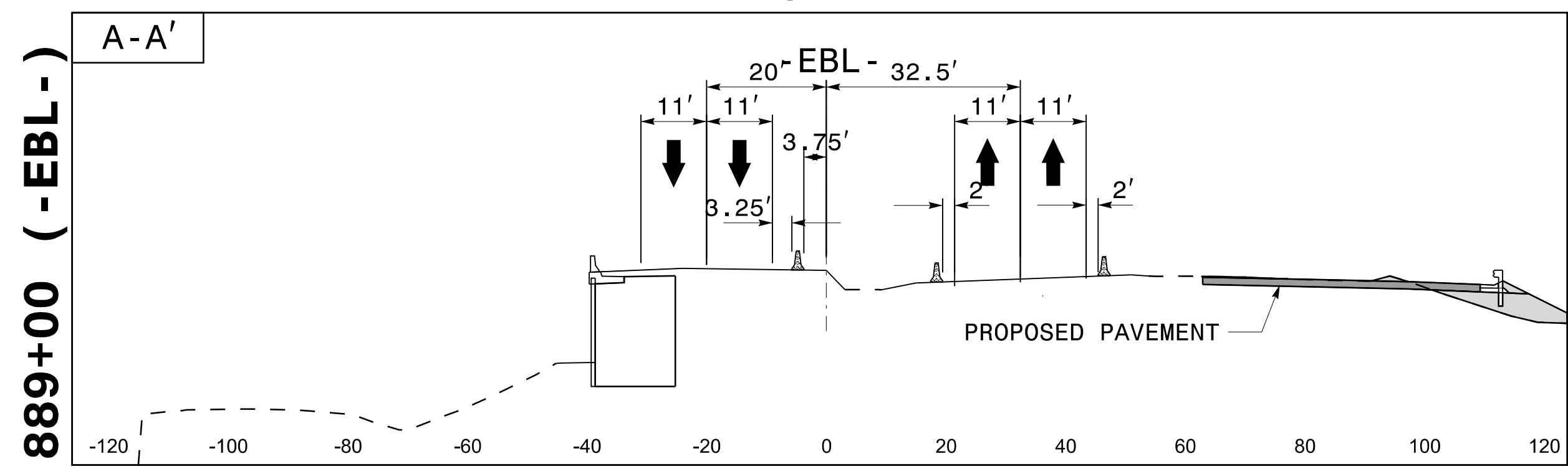
**HNTB**  
 HNTB NORTH CAROLINA, P.C.  
 343 E. Six Forks Road, Suite 200  
 Raleigh, North Carolina 27609  
 NC License No: C-1554

APPROVED: Dezek Eugene Vap  
 DATE: 3/1/2019  
 SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 DEZEK EUGENE VAP  
 SEAL 047639  
 C8279C85A5E4458

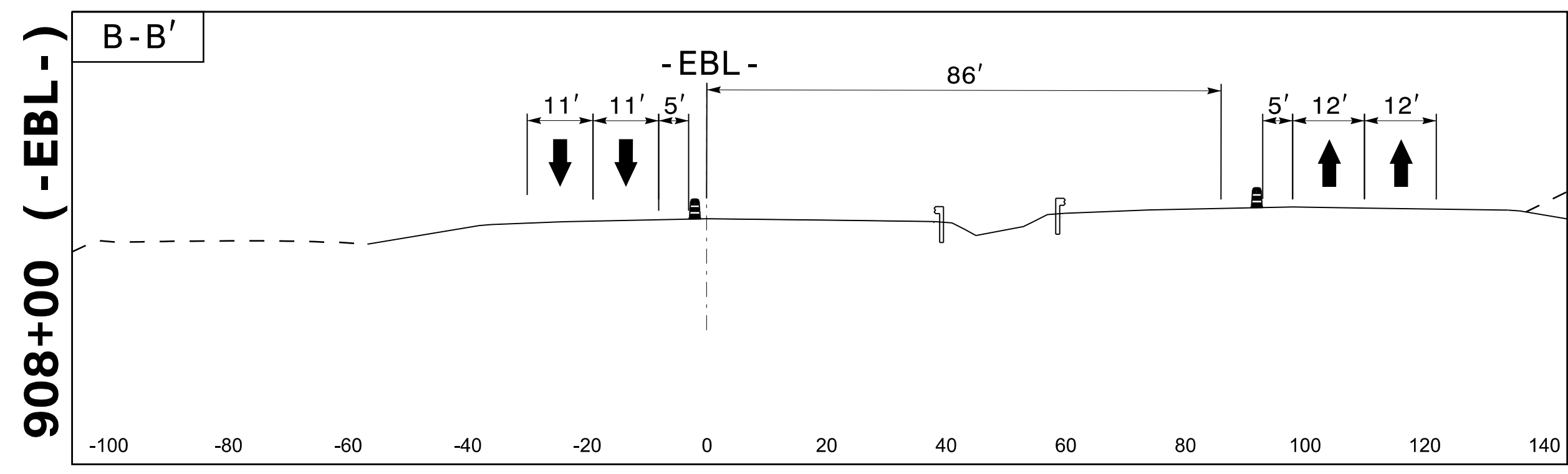
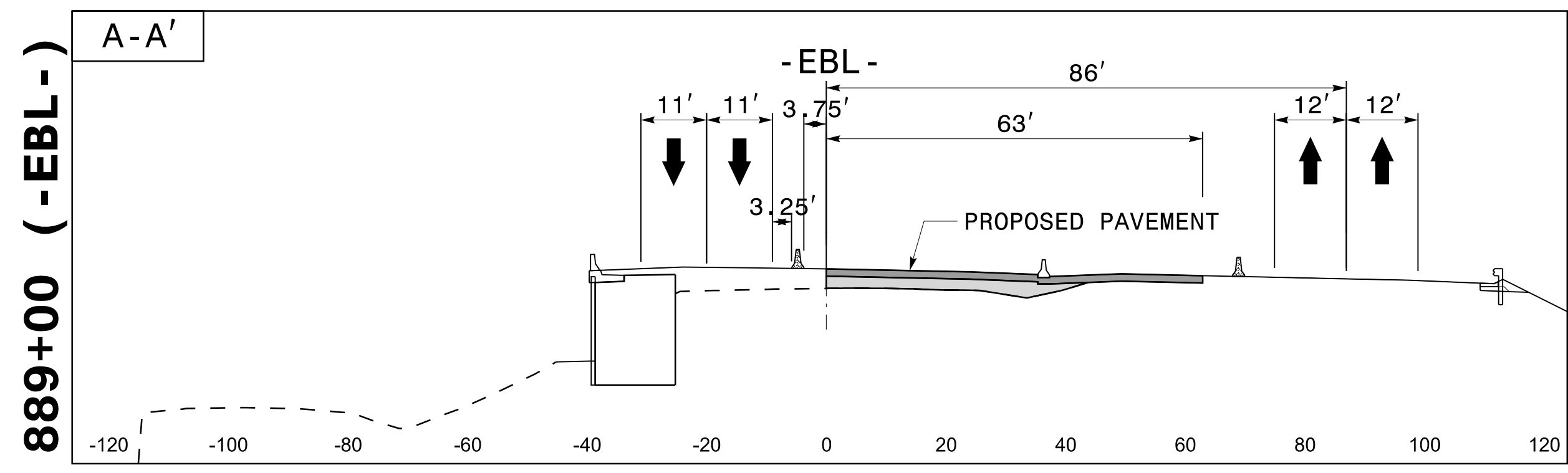


TRANSPORTATION  
 MANAGEMENT PLAN  
  
 AREA 2  
 PHASE I & II  
 CUT SECTIONS

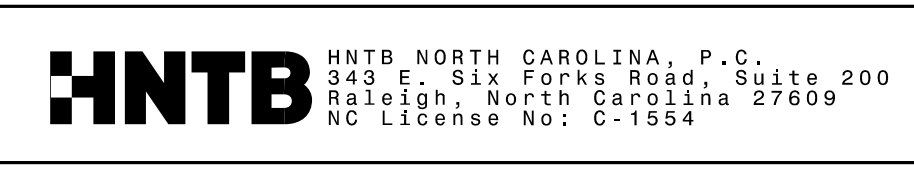
### PHASE III



### PHASE IV



28-FEB-2019 13:40  
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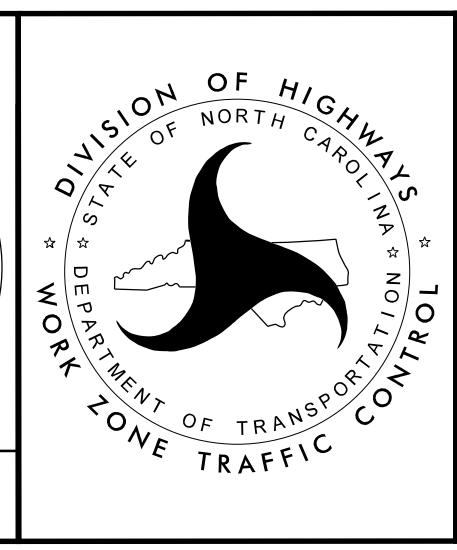
APPROVED: *Devek Eugene Vap*  
DATE: 3/1/2019

SEAL

DocuSigned by:  
Devek Eugene Vap  
C8279C85A5E4458

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

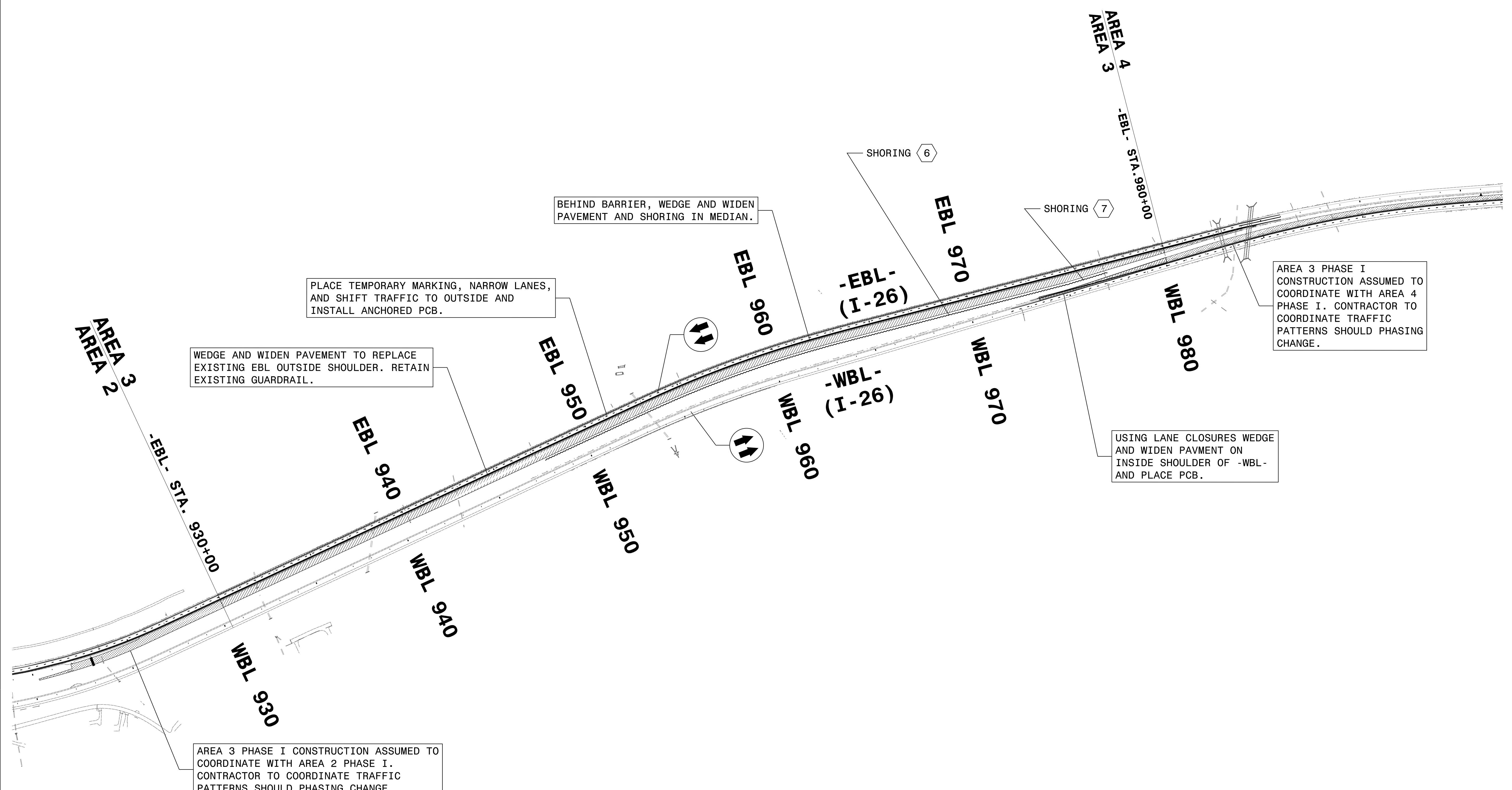
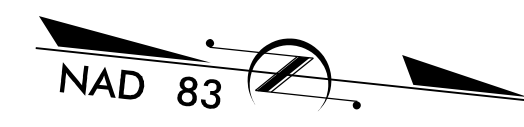
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



TRANSPORTATION  
MANAGEMENT PLAN

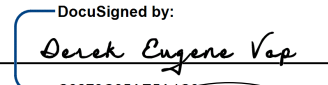
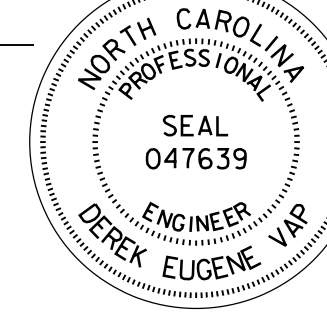
**AREA 2  
PHASE III & IV  
CUT SECTIONS**

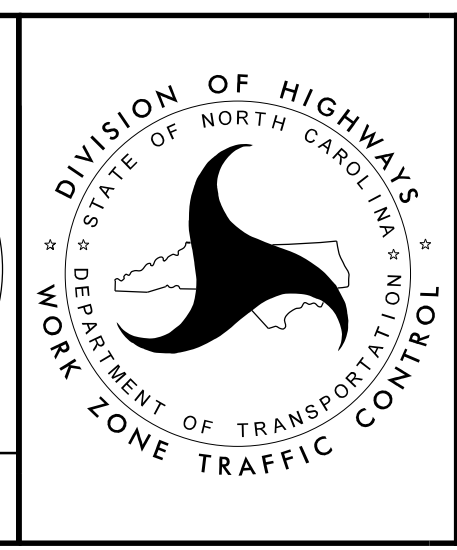




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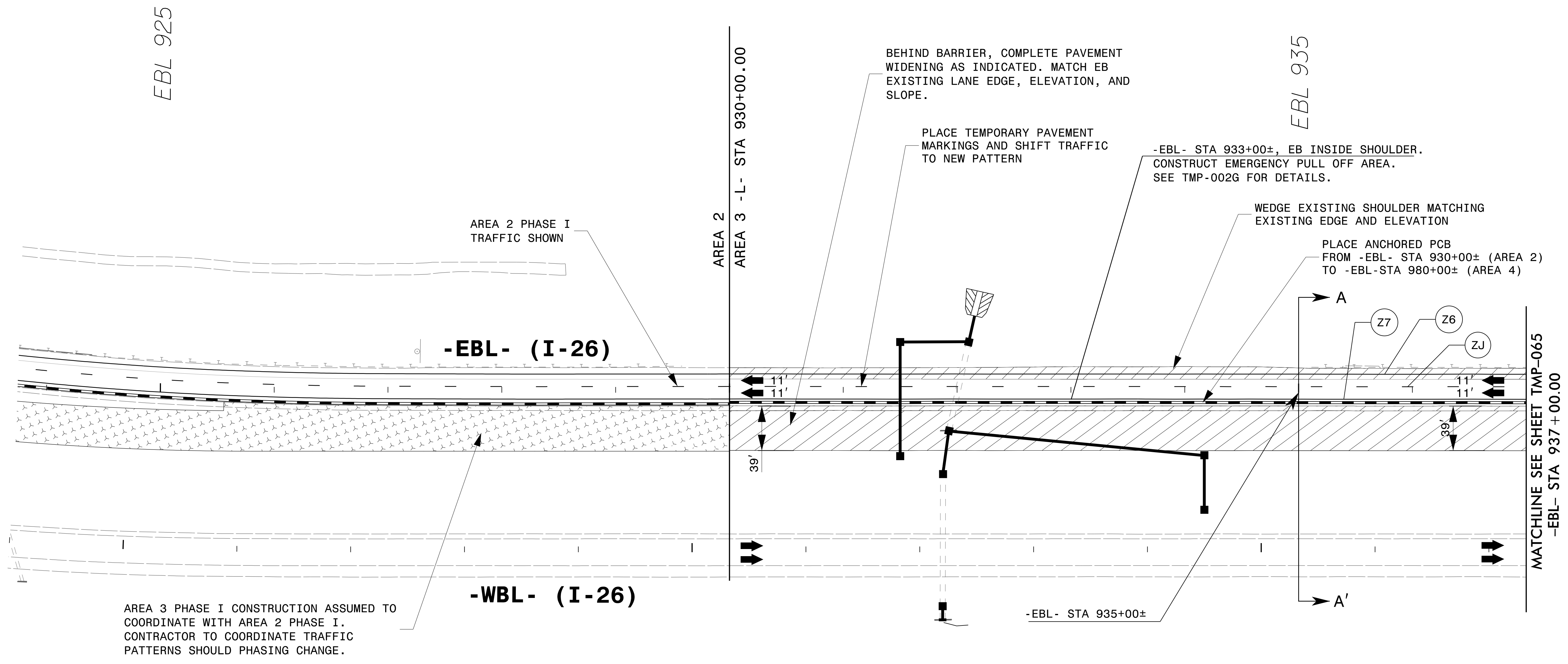
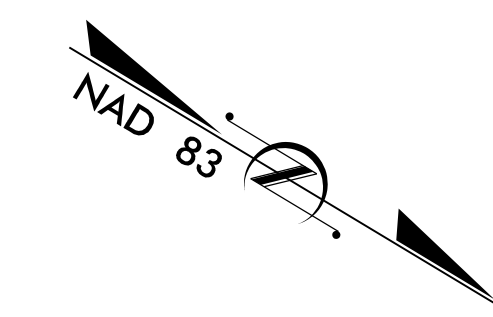
**HNTB**  
 HNTB NORTH CAROLINA, P.C.  
 343 E. SIX FORKS ROAD, SUITE 200  
 RALEIGH, NORTH CAROLINA 27609  
 NC License No: C-1554

APPROVED:   
 DATE: 3/1/2019  
 SEAL  




**TRANSPORTATION  
 MANAGEMENT PLAN**  
  
**AREA 3  
 PHASE I  
 OVERVIEW**

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 UNLESS ALL SIGNATURES COMPLETED**



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

**LEGEND**

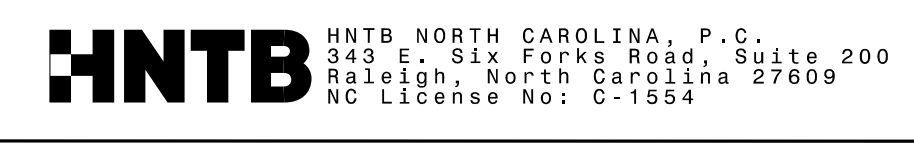
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	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

25-APR-2019 19:00  
I4700-TC-A3PIDLdgn  
HNTB

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

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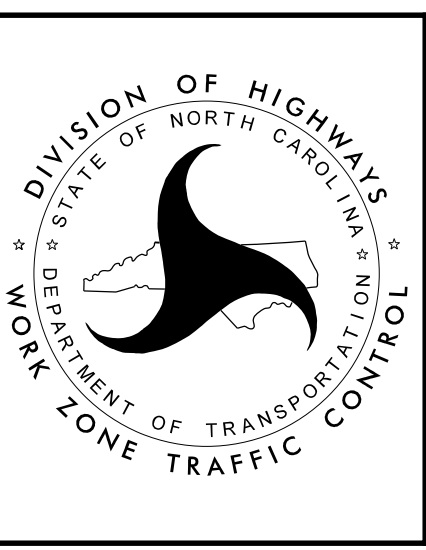
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APPROVED: *Devek Eugene Vap*  
DATE: 4/25/2019

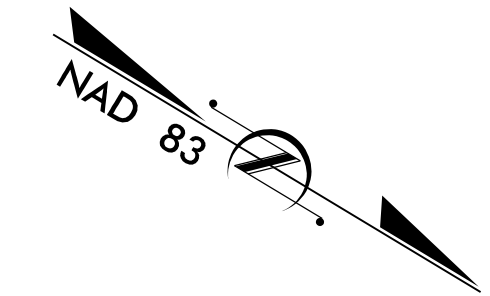
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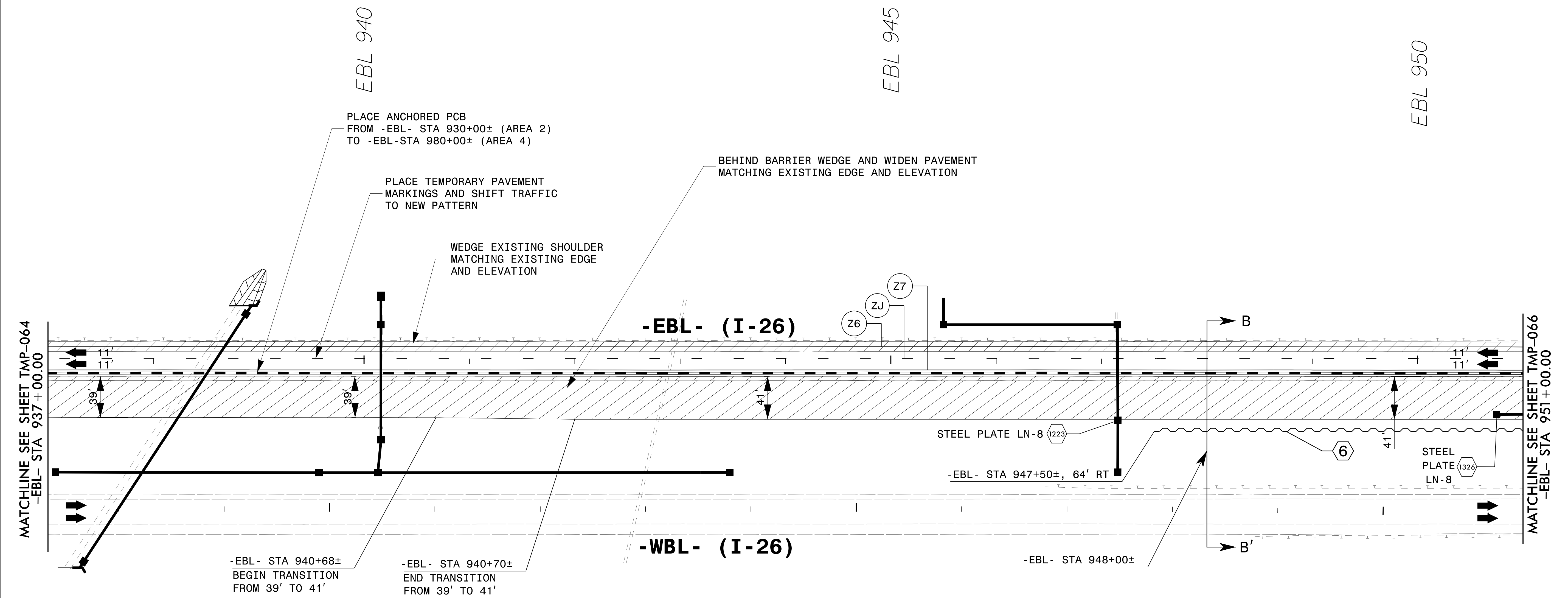
**TRANSPORTATION MANAGEMENT PLAN**

**AREA 3 PHASE I DETAIL 1**



**SHORING NOTES**

- 6 TEMPORARY SHORING: EST 14,575 SF  
FROM -EBL- STA 947+50±, 62.5'± RT  
TO -EBL- STA 975+00±, 62.5'± RT  
(SEE TEMPORARY SHORING DATA SHEET TMP-2A)



**LEGEND**

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

28-FEB-2019 13:40  
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REFER TO SHEETS TMP-093 FOR CUT SECTION(S).  
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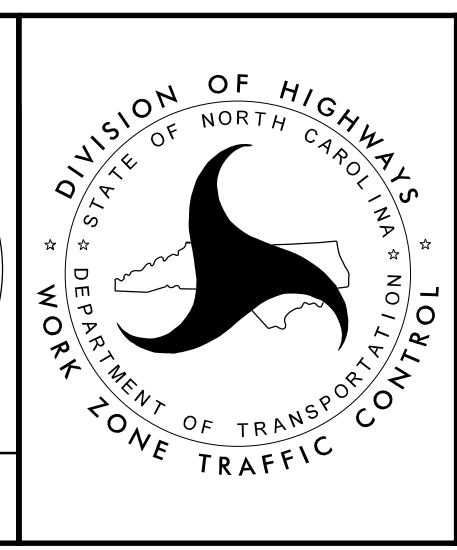
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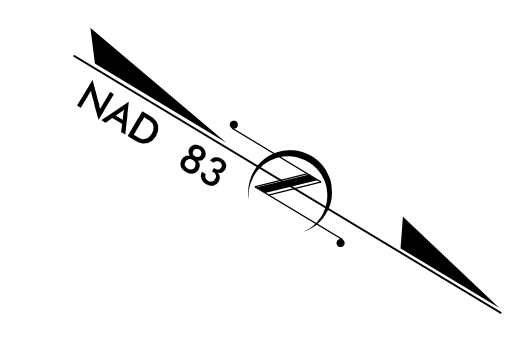
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DATE: 3/1/2019  
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UNLESS ALL SIGNATURES COMPLETED**



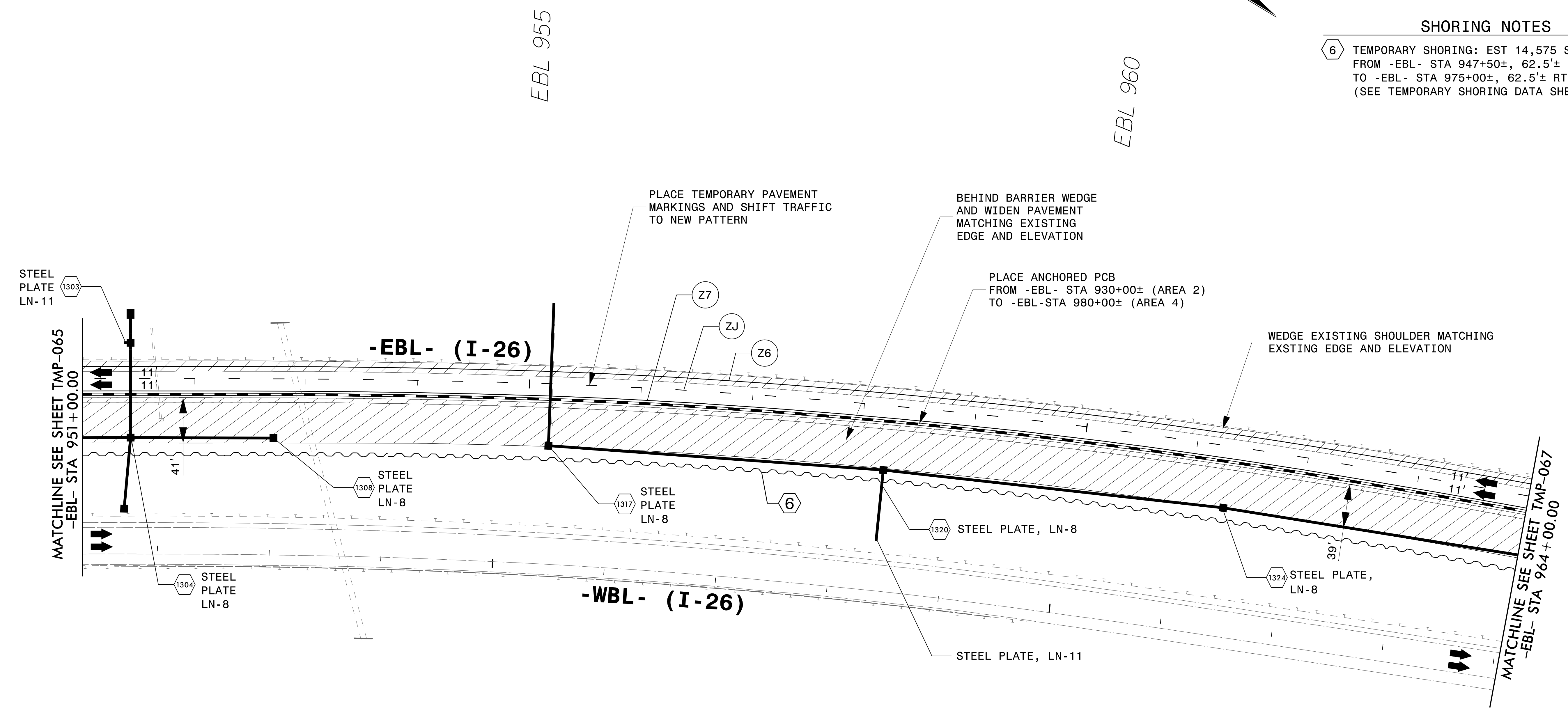
**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 3  
PHASE I  
DETAIL 2**



**SHORING NOTES**

6 TEMPORARY SHORING: EST 14,575 SF  
 FROM -EBL- STA 947+50±, 62.5'± RT  
 TO -EBL- STA 975+00±, 62.5'± RT  
 (SEE TEMPORARY SHORING DATA SHEET TMP-2B)



**LEGEND**

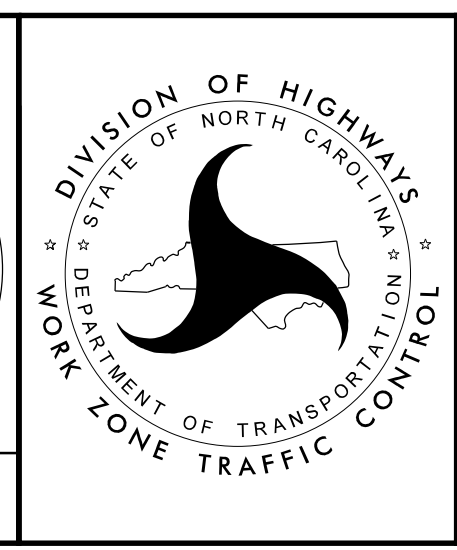
- TEMPORARY PAVEMENT
- WORK AREA
- ONGOING CONSTRUCTION
- REMOVAL
- WEDGE / WIDEN

28-FEB-2019 13:40  
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 HNTB

REMOVE CONFLICTING PAVEMENT MARKING.



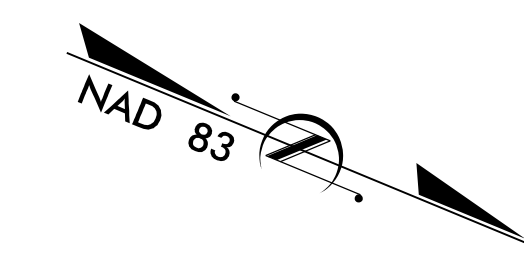
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 DATE: 3/1/2019  
 SEAL:



**TRANSPORTATION  
 MANAGEMENT PLAN**

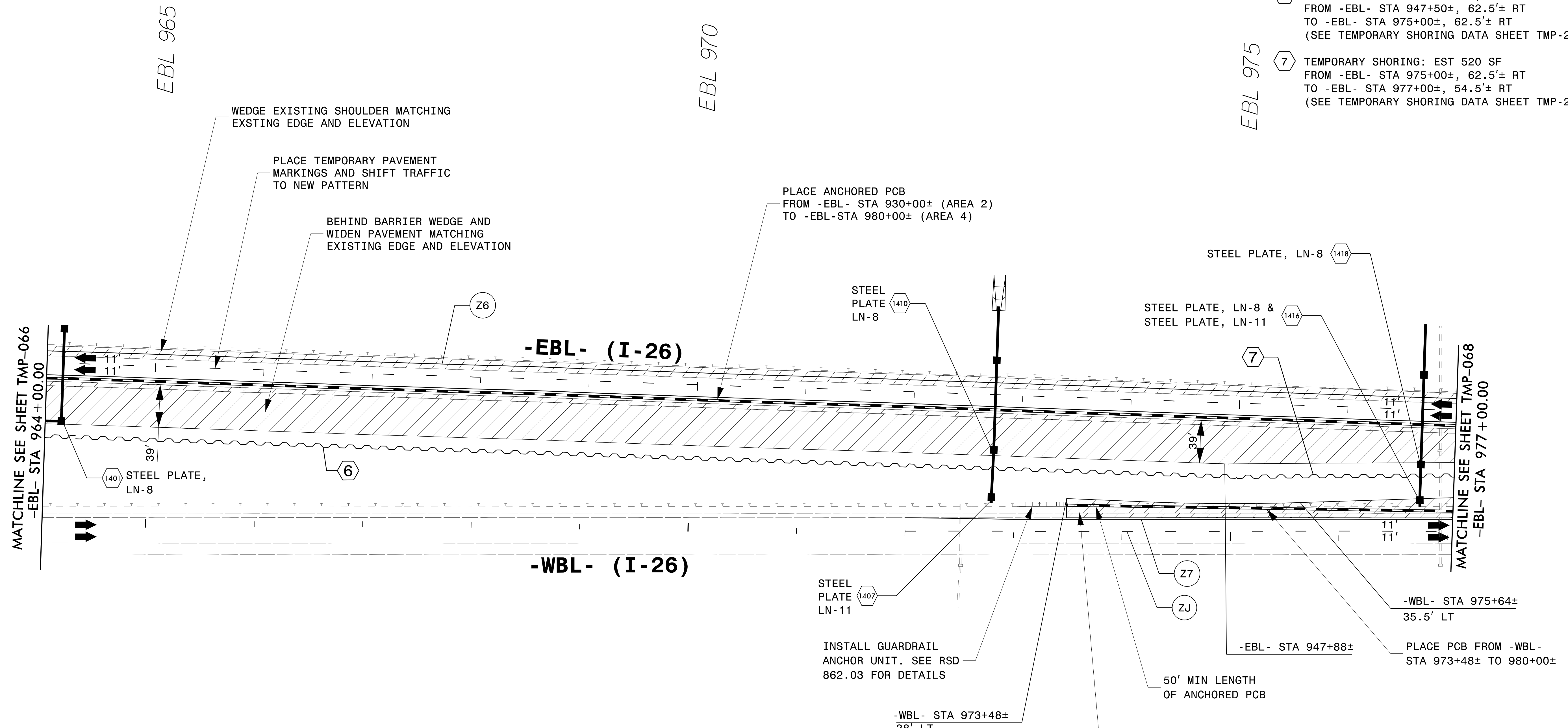
**AREA 3  
 PHASE I  
 DETAIL 3**

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



### SHORING NOTES

- 6 TEMPORARY SHORING: EST 14,575 SF FROM -EBL- STA 947+50±, 62.5'± RT TO -EBL- STA 975+00±, 62.5'± RT (SEE TEMPORARY SHORING DATA SHEET TMP-2B)
- 7 TEMPORARY SHORING: EST 520 SF FROM -EBL- STA 975+00±, 62.5'± RT TO -EBL- STA 977+00±, 54.5'± RT (SEE TEMPORARY SHORING DATA SHEET TMP-2B)



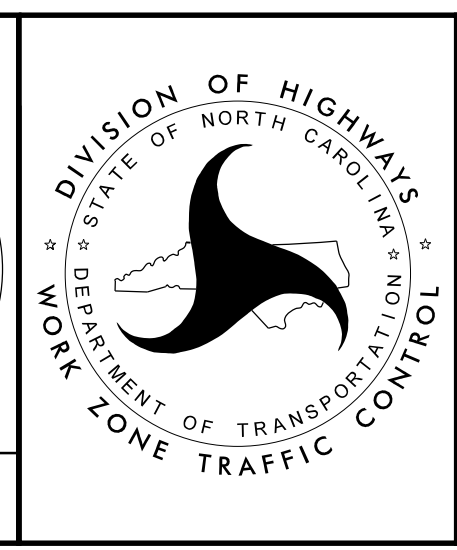
LEGEND	
	TEMPORARY PAVEMENT
	WORK AREA
	ONGOING CONSTRUCTION
	REMOVAL
	WEDGE / WIDEN

REMOVE CONFLICTING PAVEMENT MARKING.

28-FEB-2019 13:40  
I4700A\_Tc\_A3PD4.dgn  
HNTB



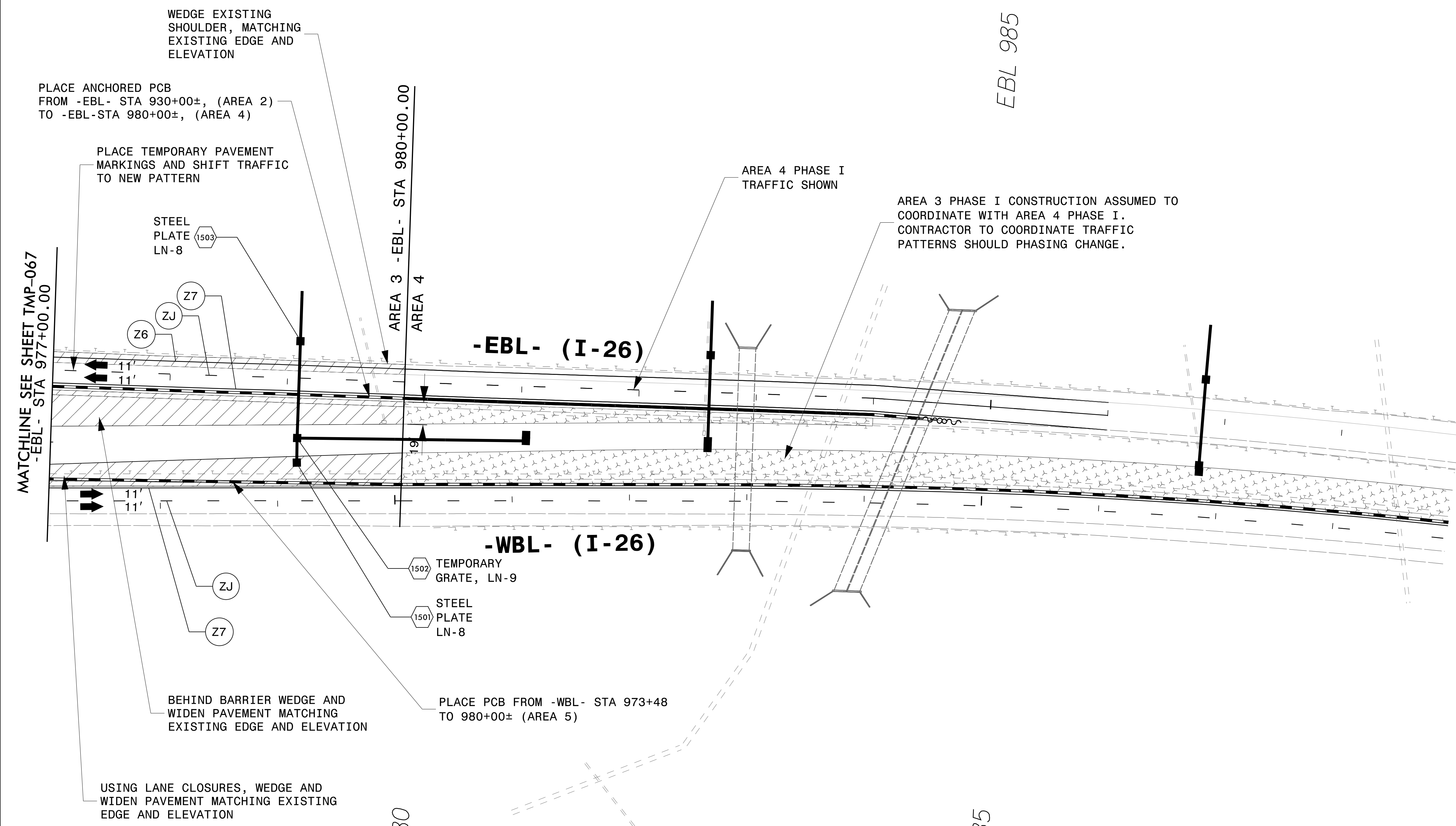
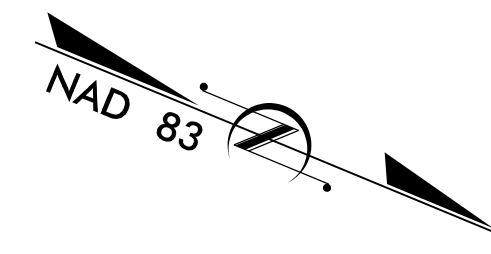
APPROVED:   
DATE: 3/1/2019  
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TRANSPORTATION MANAGEMENT PLAN

AREA 3  
PHASE I  
DETAIL 4

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

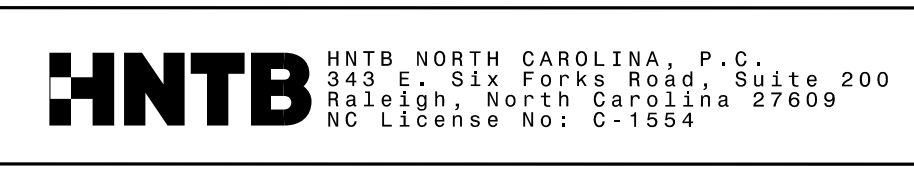


**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

28-FEB-2019 13:40  
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HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

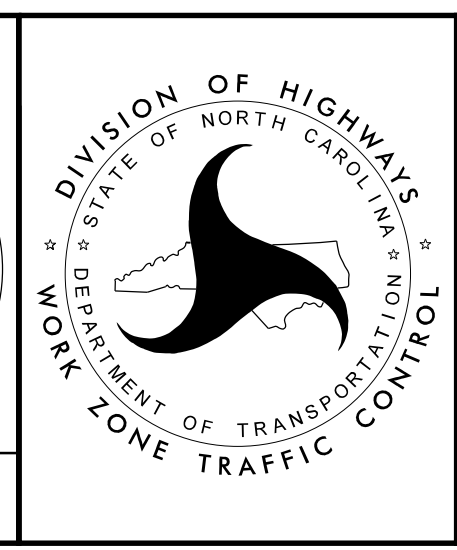


APPROVED:

DATE: 3/1/2019

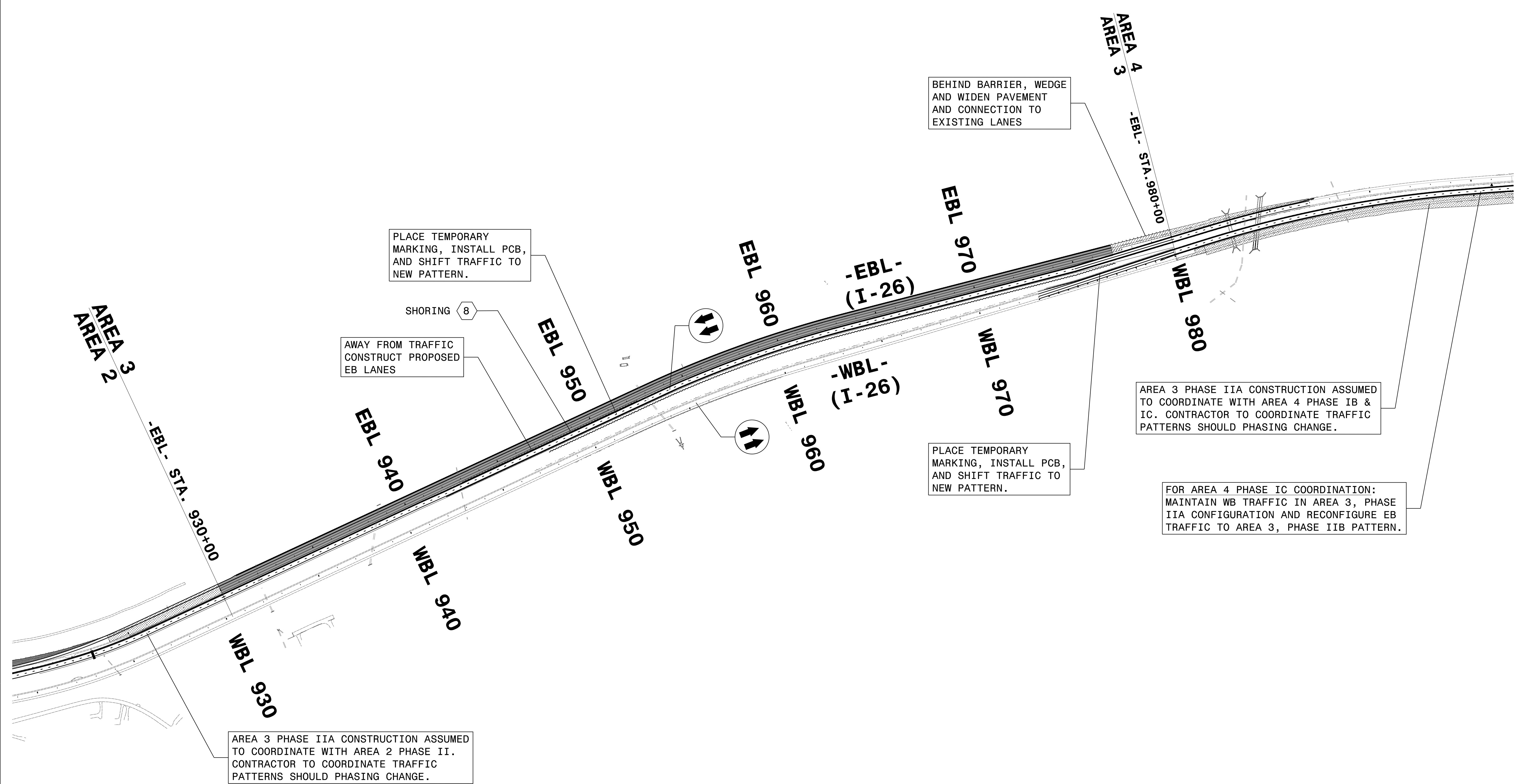
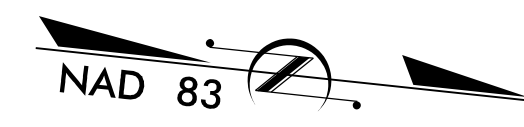
SEAL

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



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 3  
PHASE I  
DETAIL 5**



28-FEB-2019 13:41  
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 HNTB

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

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

AWAY FROM TRAFFIC CONSTRUCT PROPOSED EB LANES

BEHIND BARRIER, WEDGE AND WIDEN PAVEMENT AND CONNECTION TO EXISTING LANES

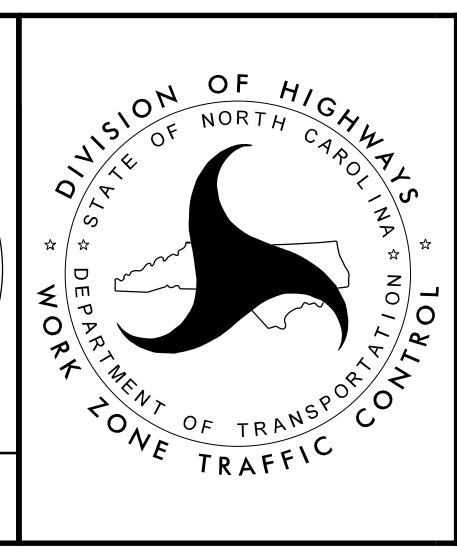
PLACE TEMPORARY MARKING, INSTALL PCB, AND SHIFT TRAFFIC TO NEW PATTERN.

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

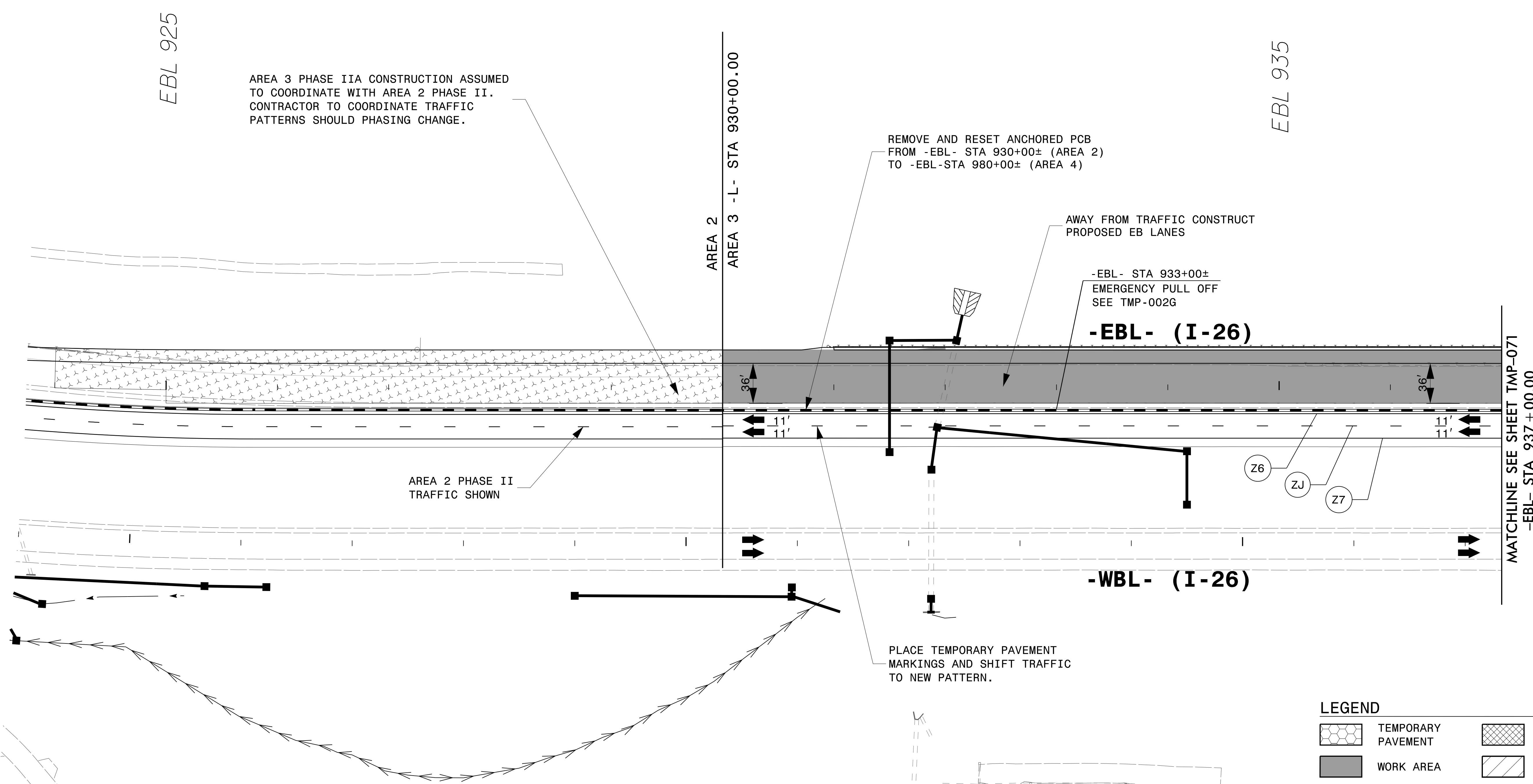
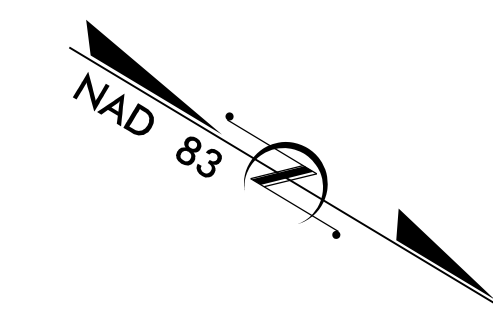
FOR AREA 4 PHASE IC COORDINATION: MAINTAIN WB TRAFFIC IN AREA 3, PHASE IIA CONFIGURATION AND RECONFIGURE EB TRAFFIC TO AREA 3, PHASE IIB PATTERN.

**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 YAP  
 DATE: 3/1/2019  
 SEAL  
 NORTH CAROLINA PROFESSIONAL SEAL 047639 ENGINEER DEREK EUGENE YAP  
 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TRANSPORTATION MANAGEMENT PLAN  
 AREA 3 PHASE IIA OVERVIEW



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

REMOVE AND RESET ANCHORED PCB FROM -EBL- STA 930+00± (AREA 2) TO -EBL-STA 980+00± (AREA 4)

AWAY FROM TRAFFIC CONSTRUCT PROPOSED EB LANES

-EBL- STA 933+00±  
EMERGENCY PULL OFF  
SEE TMP-002G

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

AREA 2 PHASE II TRAFFIC SHOWN

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

PLACE TEMPORARY PAVEMENT MARKINGS AND SHIFT TRAFFIC TO NEW PATTERN.

MATCHLINE SEE SHEET TMP-071  
-EBL- STA 937+00.00

**LEGEND**

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

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HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

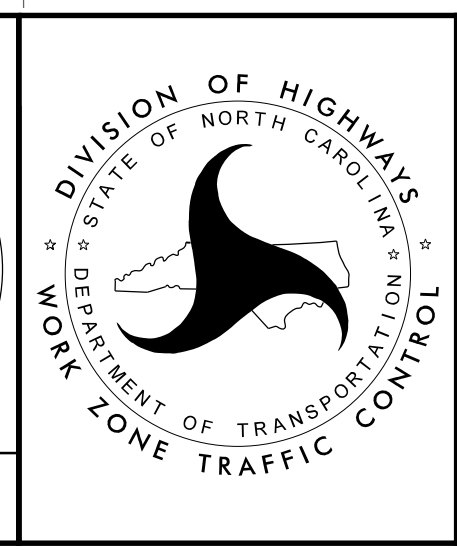
**HNTB**  
HNTB NORTH CAROLINA, P.C.  
343 E. SIX FORKS ROAD, SUITE 200  
RALEIGH, NORTH CAROLINA 27609  
NC License No: C-1554

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

SEAL

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

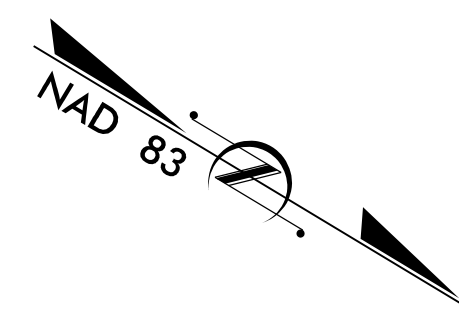
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TRANSPORTATION MANAGEMENT PLAN**

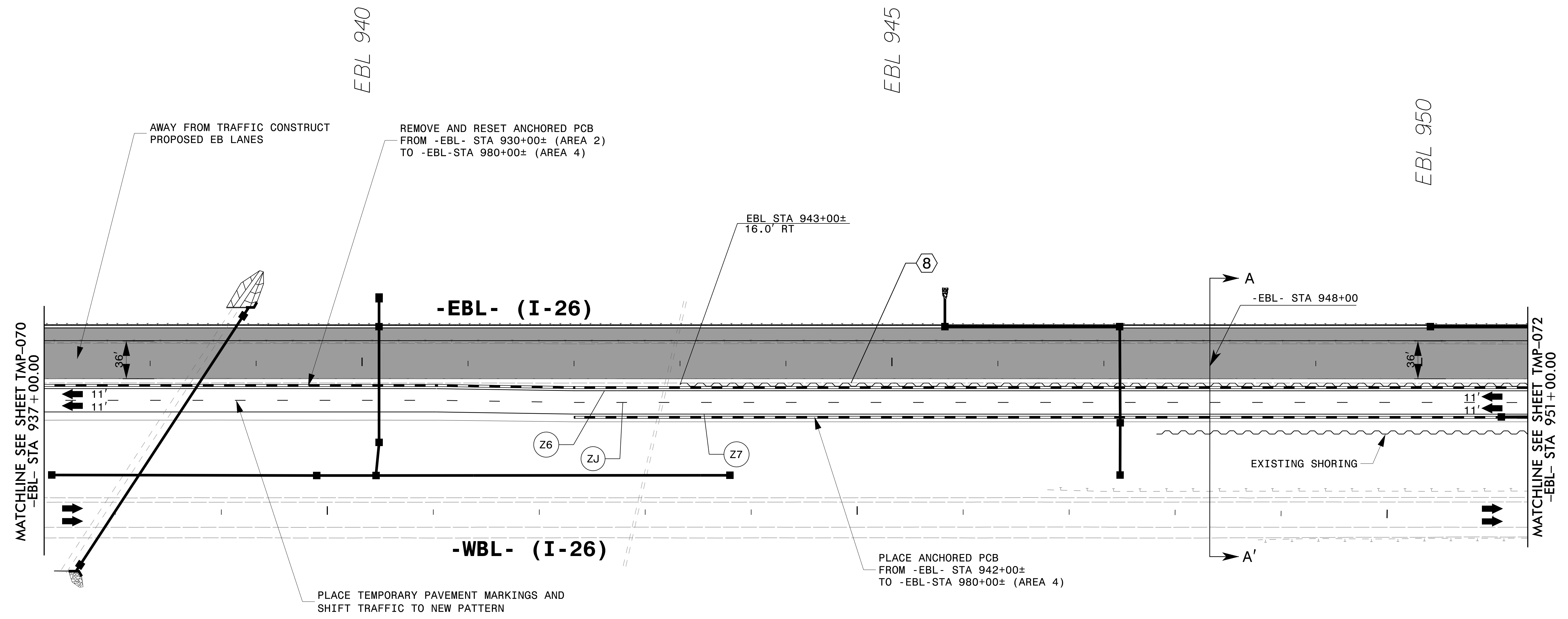
**AREA 3 PHASE IIA DETAIL 1**





**SHORING NOTES**

- 8 TEMPORARY SHORING: EST 3,230 SF  
FROM -EBL- STA 943+00±, 16.0'± RT  
TO -EBL- STA 952+50±, 16.0'± RT  
(SEE TEMPORARY SHORING DATA SHEET TMP-2B)



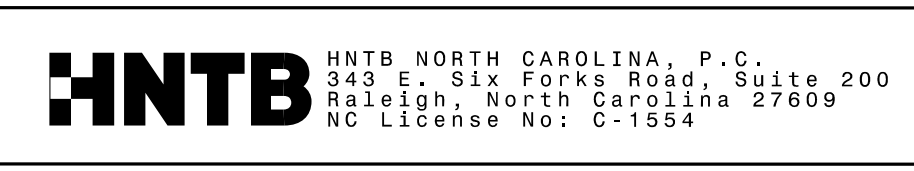
**LEGEND**

- TEMPORARY PAVEMENT (hatched pattern)
- WORK AREA (solid grey)
- ONGOING CONSTRUCTION (dotted pattern)
- REMOVAL (cross-hatched pattern)
- WEDGE / WIDEN (diagonal hatched pattern)

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HNTB

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

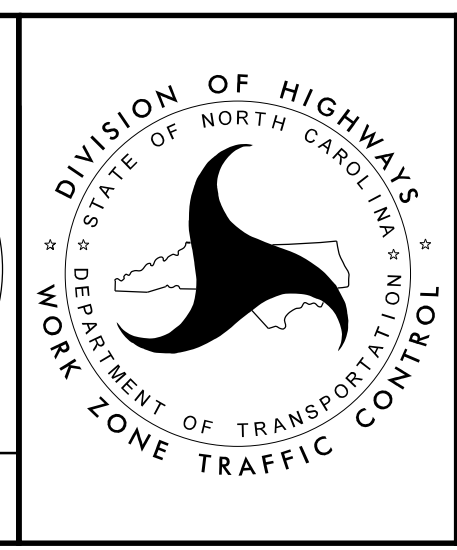
WBL 940



WBL 945

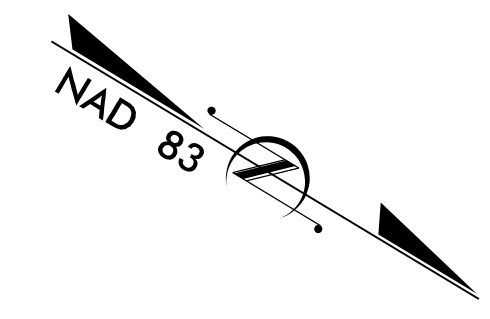
APPROVED: *Dezek Eugene Vap*  
DATE: 3/1/2019  
SEAL  
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SEAL 047639  
DEZEK EUGENE VAP

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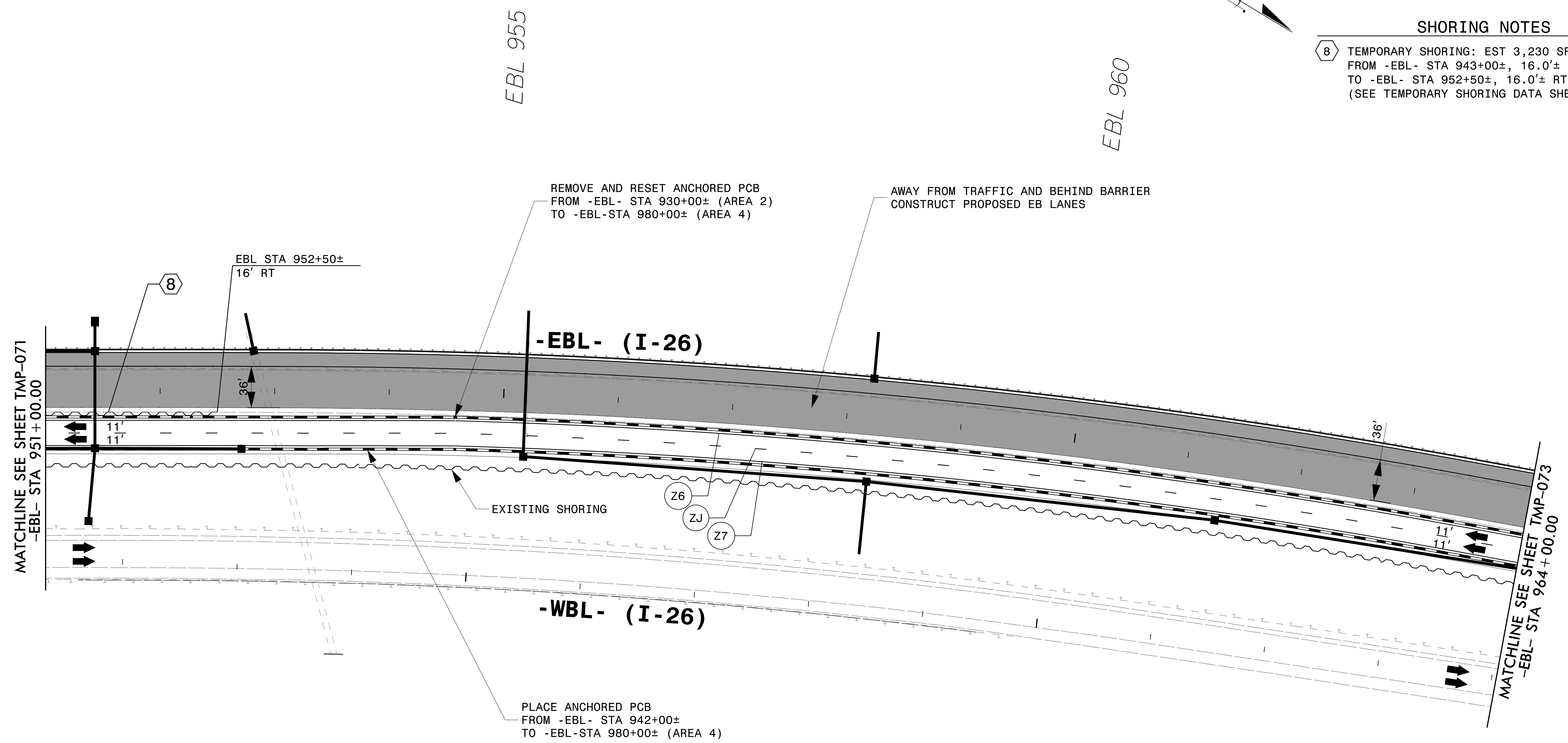
**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 3  
PHASE IIA  
DETAIL 2**



### SHORING NOTES

8 TEMPORARY SHORING: EST 3,230 SF  
 FROM -EBL- STA 943+00±, 16.0'± RT  
 TO -EBL- STA 952+50±, 16.0'± RT  
 (SEE TEMPORARY SHORING DATA SHEET TMP-2B)



REMOVE AND RESET ANCHORED PCB  
 FROM -EBL- STA 930+00± (AREA 2)  
 TO -EBL-STA 980+00± (AREA 4)

AWAY FROM TRAFFIC AND BEHIND BARRIER  
 CONSTRUCT PROPOSED EB LANES

EBL STA 952+50±  
 16' RT

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

EXISTING SHORING

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

PLACE ANCHORED PCB  
 FROM -EBL- STA 942+00±  
 TO -EBL-STA 980+00± (AREA 4)

MATCHLINE SEE SHEET TMP-071  
 -EBL- STA 951+00.00

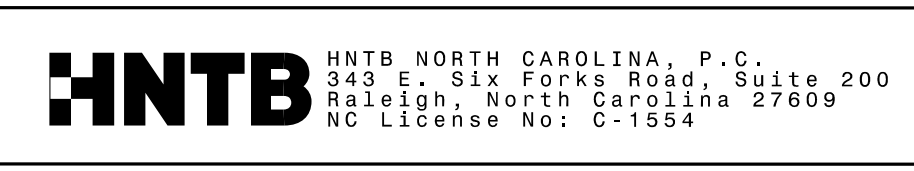
MATCHLINE SEE SHEET TMP-073  
 -EBL- STA 964+00.00

### LEGEND

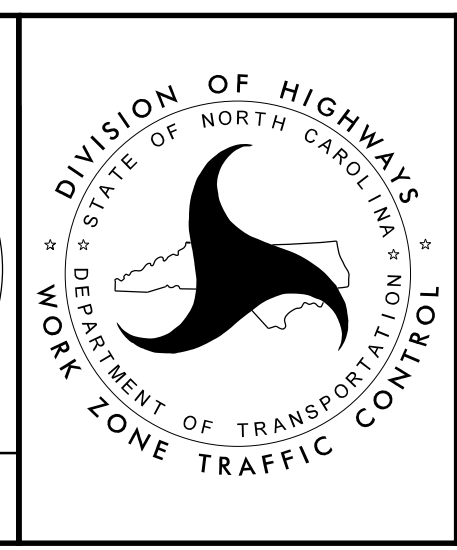
- TEMPORARY PAVEMENT
- REMOVAL
- WORK AREA
- WEDGE / WIDEN
- ONGOING CONSTRUCTION

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 HNTB

REMOVE CONFLICTING PAVEMENT MARKING.

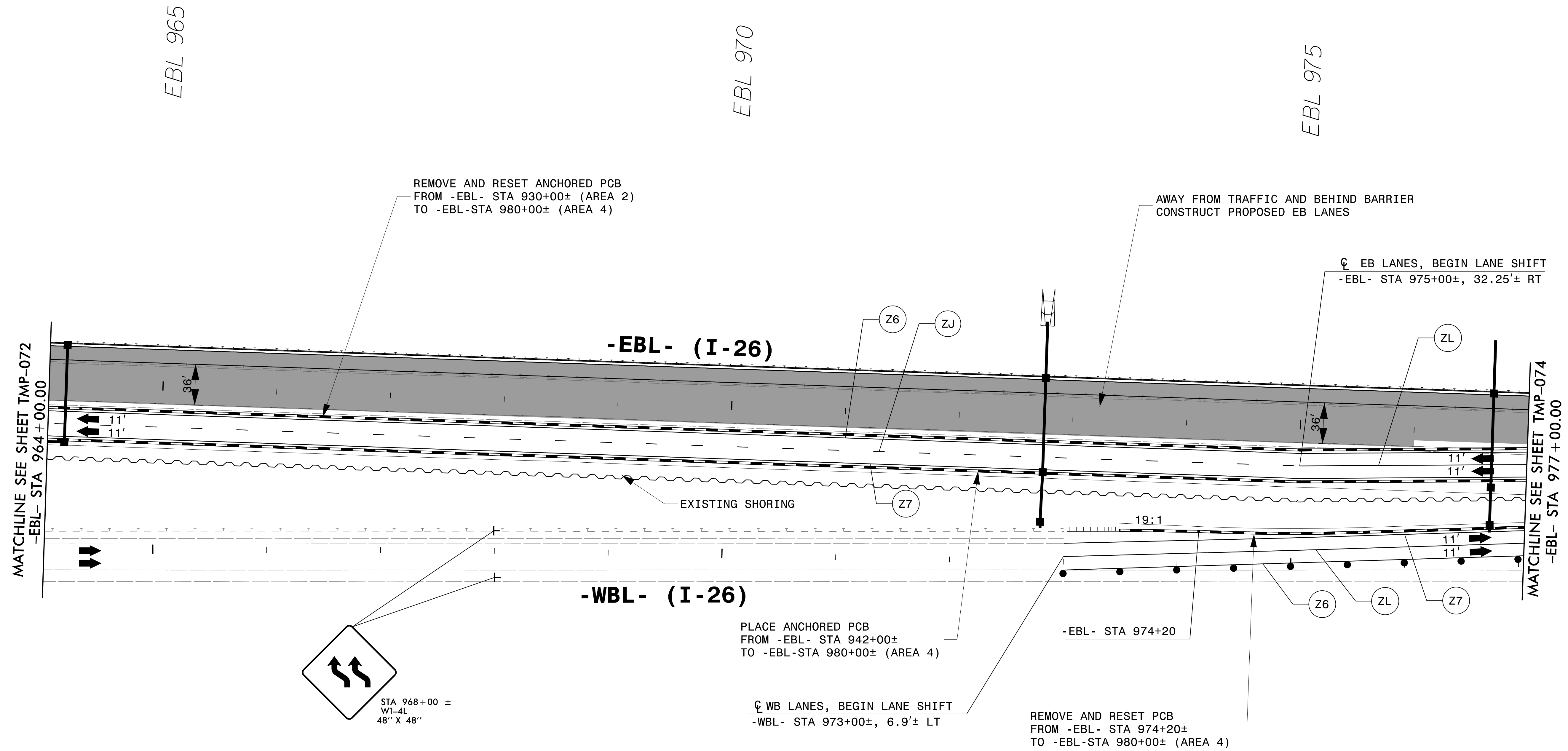
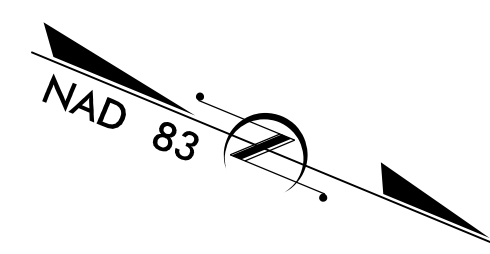


APPROVED:   
 DATE: 3/1/2019  
 SEAL:



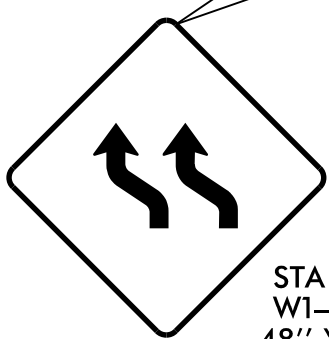
TRANSPORTATION  
 MANAGEMENT PLAN  
 AREA 3  
 PHASE IIA  
 DETAIL 3

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 UNLESS ALL SIGNATURES COMPLETED**



MATCHLINE SEE SHEET TMP-072  
-EBL- STA 964 + 00.00

MATCHLINE SEE SHEET TMP-074  
-EBL- STA 977 + 00.00



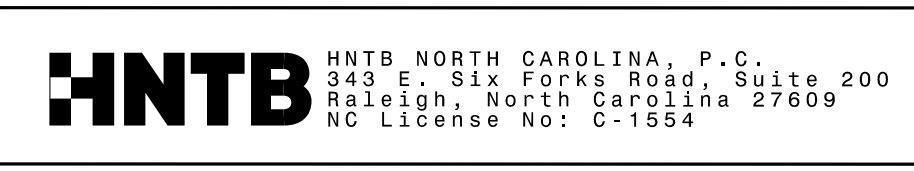
STA 968+00 ±  
W1-4L  
48" X 48"

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

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REMOVE CONFLICTING PAVEMENT MARKING.



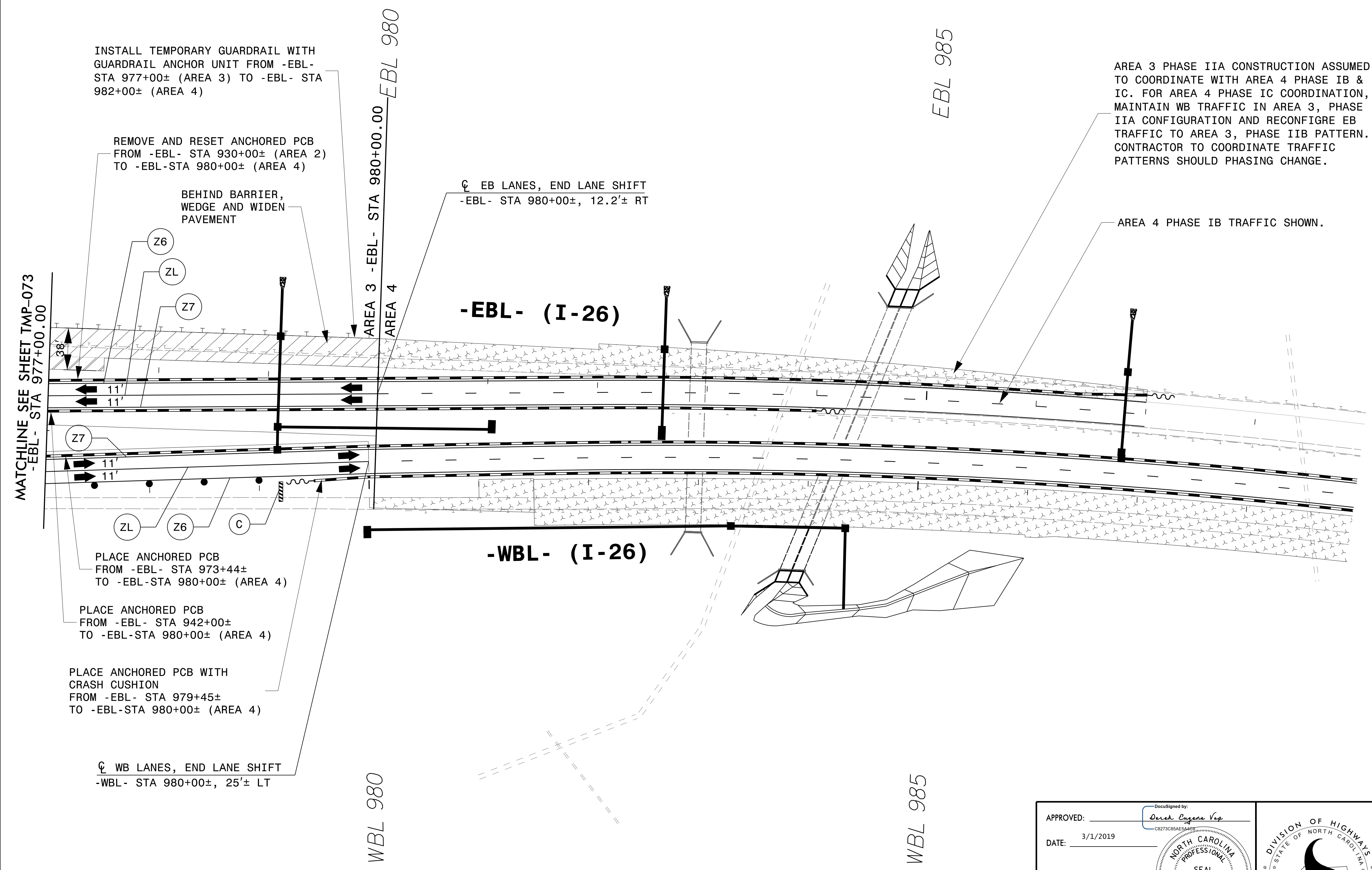
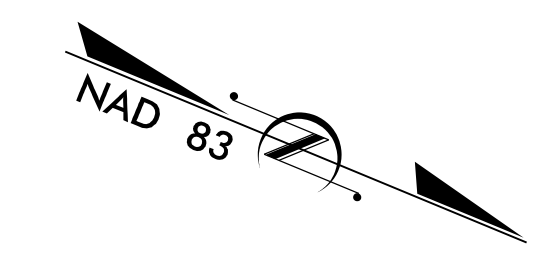
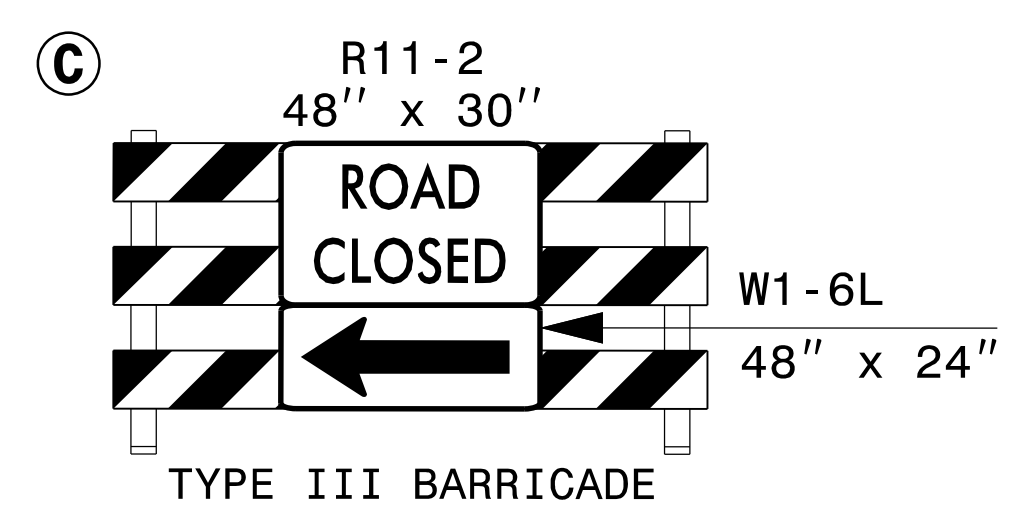
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DATE: 3/1/2019  
SEAL:



**TRANSPORTATION  
MANAGEMENT PLAN**

**AREA 3  
PHASE IIA  
DETAIL 4**

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INSTALL TEMPORARY GUARDRAIL WITH GUARDRAIL ANCHOR UNIT FROM -EBL- STA 977+00± (AREA 3) TO -EBL- STA 982+00± (AREA 4)

REMOVE AND RESET ANCHORED PCB FROM -EBL- STA 930+00± (AREA 2) TO -EBL- STA 980+00± (AREA 4)

BEHIND BARRIER, WEDGE AND WIDEN PAVEMENT

EB LANES, END LANE SHIFT -EBL- STA 980+00±, 12.2'± RT

AREA 3 PHASE IIA CONSTRUCTION ASSUMED TO COORDINATE WITH AREA 4 PHASE IB & IC. 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.

AREA 4 PHASE IB TRAFFIC SHOWN.

MATCHLINE SEE SHEET TMP-073 -EBL- STA 977+00.00

PLACE ANCHORED PCB FROM -EBL- STA 973+44± TO -EBL- STA 980+00± (AREA 4)

PLACE ANCHORED PCB FROM -EBL- STA 942+00± TO -EBL- STA 980+00± (AREA 4)

PLACE ANCHORED PCB WITH CRASH CUSHION FROM -EBL- STA 979+45± TO -EBL- STA 980+00± (AREA 4)

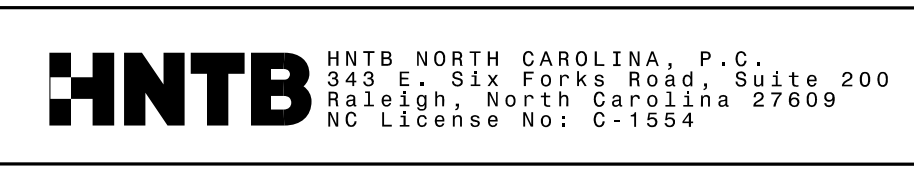
WB LANES, END LANE SHIFT -WBL- STA 980+00±, 25'± LT

**LEGEND**

	TEMPORARY PAVEMENT		REMOVAL
	WORK AREA		WEDGE / WIDEN
	ONGOING CONSTRUCTION		

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REMOVE CONFLICTING PAVEMENT MARKING.



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047639

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**TRANSPORTATION MANAGEMENT PLAN**

**AREA 3 PHASE IIA DETAIL 5**