



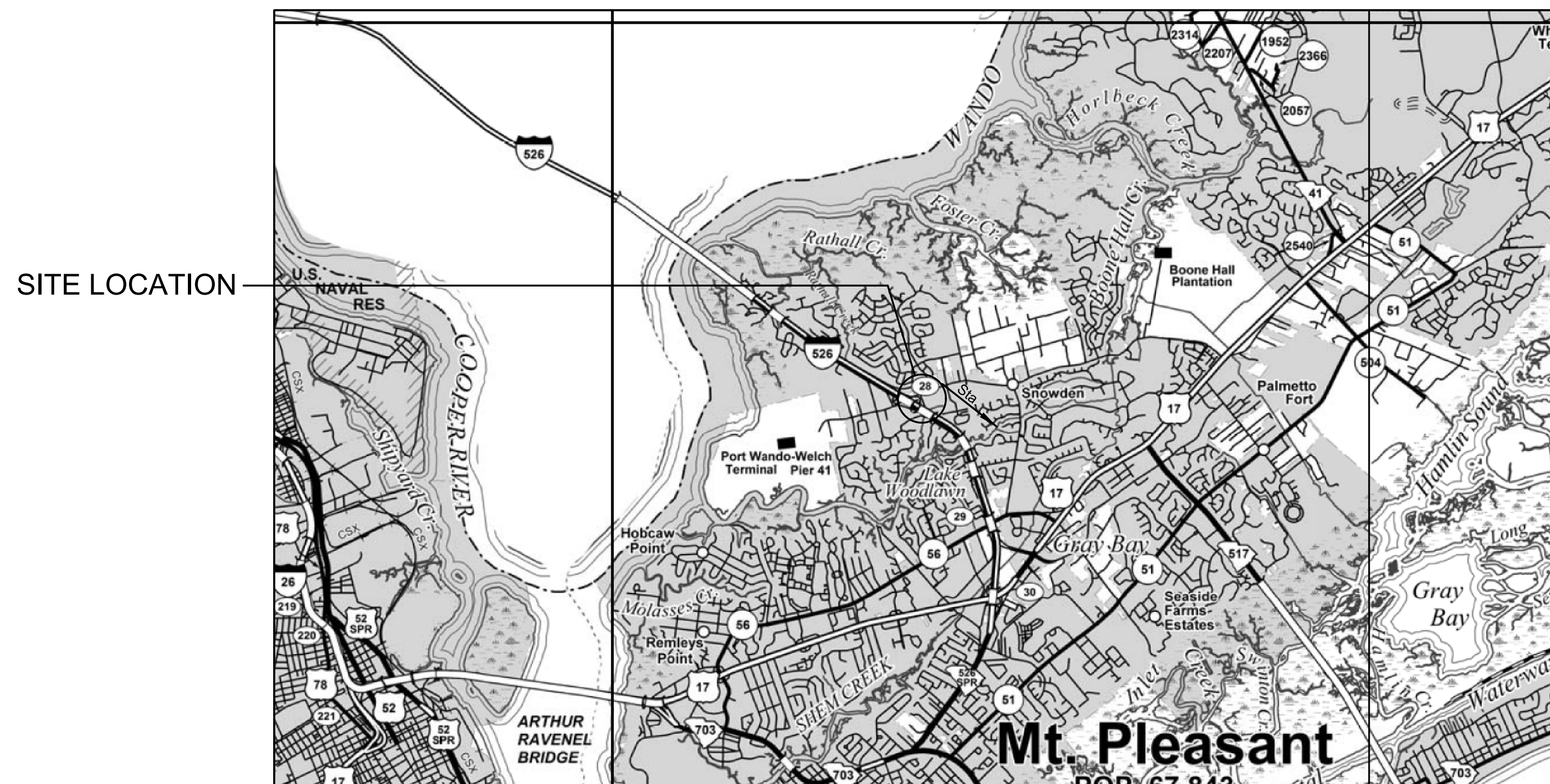
South Carolina Department of Transportation



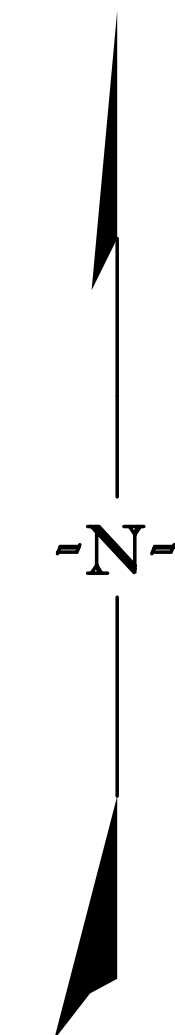
# PROPOSED PLANS FOR CHARLESTON COUNTY PROJECT ID P041314 RELOCATED LINE 1 RAMP REPLACE BRIDGE OVER TRIBUTARY TO HOBCAW CREEK

INDEX OF SHEETS

1. TITLE SHEET
2. BRIDGE PLAN AND PROFILE
3. TYPICAL SECTION



LAYOUT



Approximate Location of Bridge is

Latitude 32° - 50' - 19" N

Longitude 79° - 51' - 33" W

3 DAYS BEFORE DIGGING IN  
SOUTH CAROLINA  
**CALL 811**  
SOUTH CAROLINA 811 (SC811)  
WWW.SC811.COM  
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

ASSET ID     TBD    

TRAFFIC DATA			
2022	ADT	9,700	V.P.D.
2050	* ADT	15,200	V.P.D.
TRUCKS		6	%
*DESIGN TRAFFIC DATA			

NET LENGTH OF ROADWAY	0.000	MILES
NET LENGTH OF BRIDGES	0.069	MILES
NET LENGTH OF PROJECT	0.069	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.069	MILES

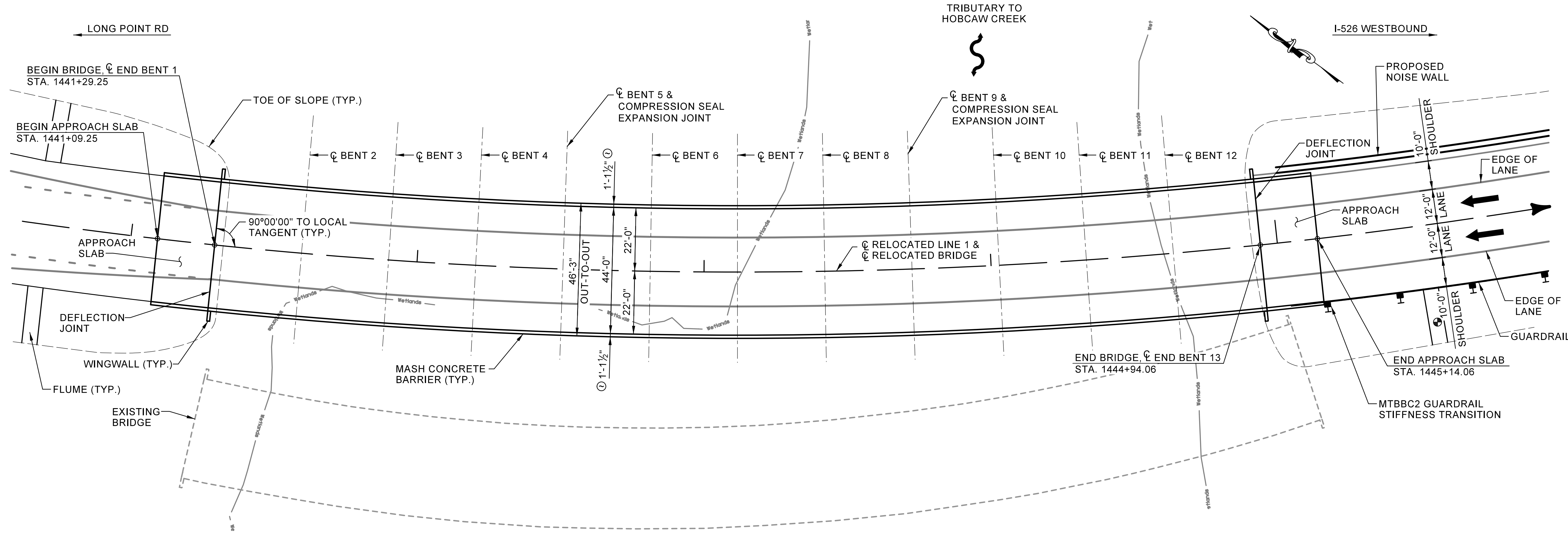
NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2025 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING.

## CONCEPTUAL PLANS NOT FOR CONSTRUCTION

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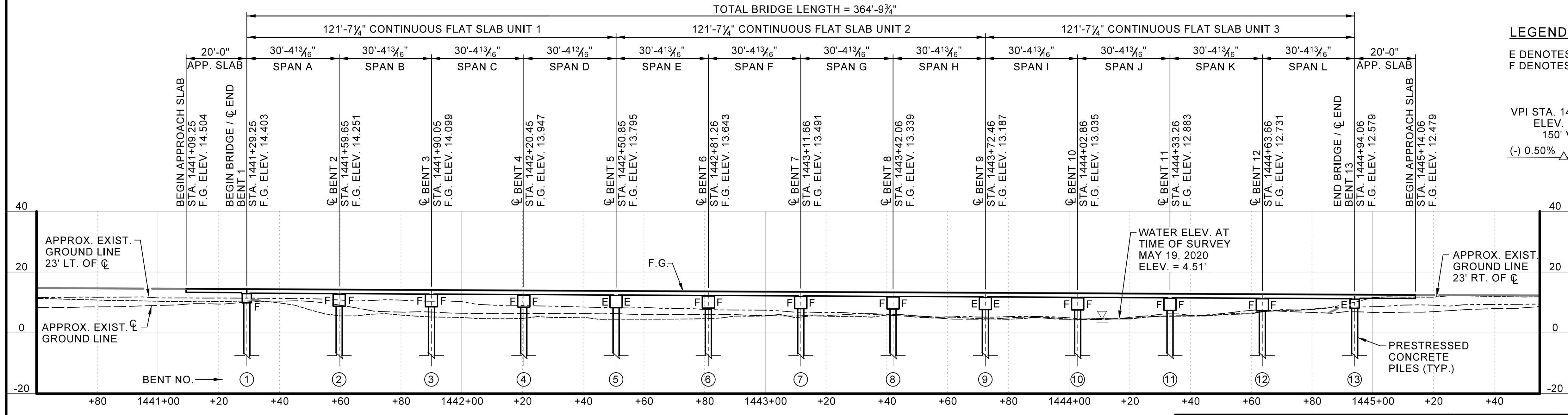
REVIEWED	DR.	AR	WWSJ	WWSJ	CHK	DATE
						02-23



- NOTES:**
- ① DIMENSION INCLUDES 1'-0" CONCRETE BARRIER WITH 1/2" SLAB EXTENSION.
  - ➔ DENOTES DIRECTION OF ONE LANE OF TRAFFIC FOR ROADWAY DETAILS NOT SHOWN, SEE ROADWAY PLANS.
  - ⊕ ADD ADDITIONAL 3'-9" WHERE GUARDRAIL IS PRESENT
  - EXISTING 46'-10" X 390'-0" FLAT SLAB BRIDGE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
  - BRIDGE DECK DRAINAGE NOT SHOWN. SEE RFP FOR MINIMUM BRIDGE DRAINAGE REQUIREMENTS.

CURVE DATA	
RELOCATED LINE 1	
CURVE REL_LINE-11	
PC	1438+05.88
PI	1443+71.47
PT	1449+00.45
DELTA	35° 35' 33.88" (LT)
DEGREE	03° 15' 06.29"
TANGENT	565.593'
LENGTH	1094.573'
RADIUS	1762.000'

**PLAN**



- LEGEND:**
- E DENOTES EXPANSION
  - F DENOTES FIXED
  - VPI STA. 1446+00.00  
ELEV. 12.05  
150' V.C.
  - (-) 0.50% (+) 0.50%

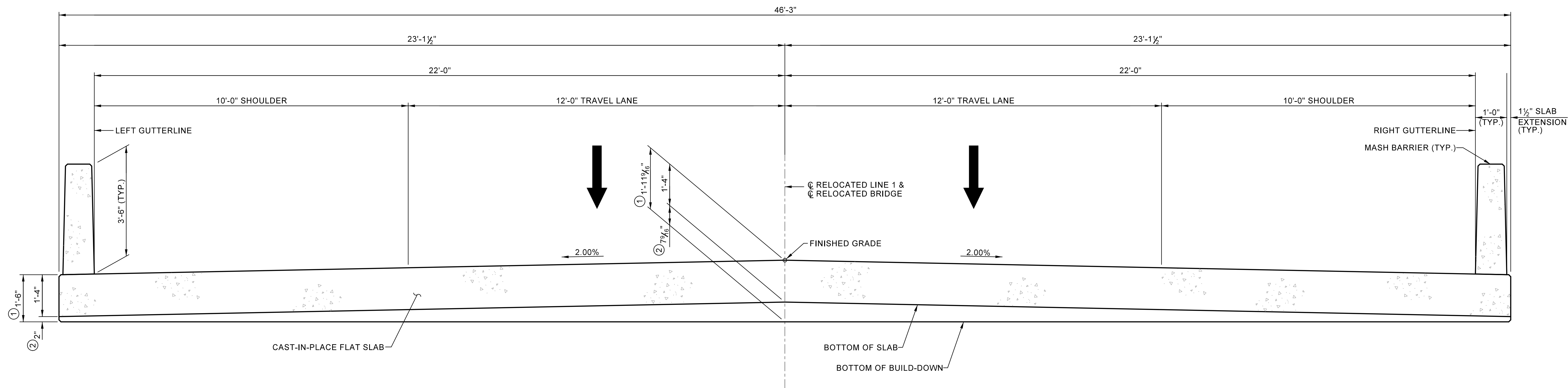
**SECTION ALONG RELOCATED LINE 1**

<b>CDM Smith</b>	NOT FOR CONSTRUCTION

REV.		<b>SOUTH CAROLINA</b> <b>DEPARTMENT OF TRANSPORTATION</b>  <b>BRIDGE PLAN AND PROFILE</b>		COUNTY CHARLESTON	ROUTE I-526
REV.					
REV.					
REVIEWED	WSJ				
QUAN.					
DR.	AR WSJ 02-23				
DES.					
BY	CHK.	DATE			

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 ROMANA

- NOTES:
- ① AT  $\phi$  BENT
  - ② INCLUDES  $\frac{1}{4}$ " ELASTOMERIC BEARING PAD



**TYPICAL SECTION**

LOOKING IN DIRECTION OF STATIONING  
(DECK DRAINS NOT SHOWN)

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 ROMANA

	NOT FOR CONSTRUCTION	

REV.				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  <b>TYPICAL SECTION</b>
REV.				
REV.				
REV.				
REVIEWED	WSJ			COUNTY CHARLESTON  ROUTE I-526
QUAN.				
DR.	AR	WSJ	02-23	
DES.				
BY	CHK.	DATE		



INDEX OF SHEETS

1. TITLE SHEET
2. BRIDGE PLAN AND PROFILE
3. TYPICAL SECTION



South Carolina Department of Transportation

# PROPOSED PLANS FOR

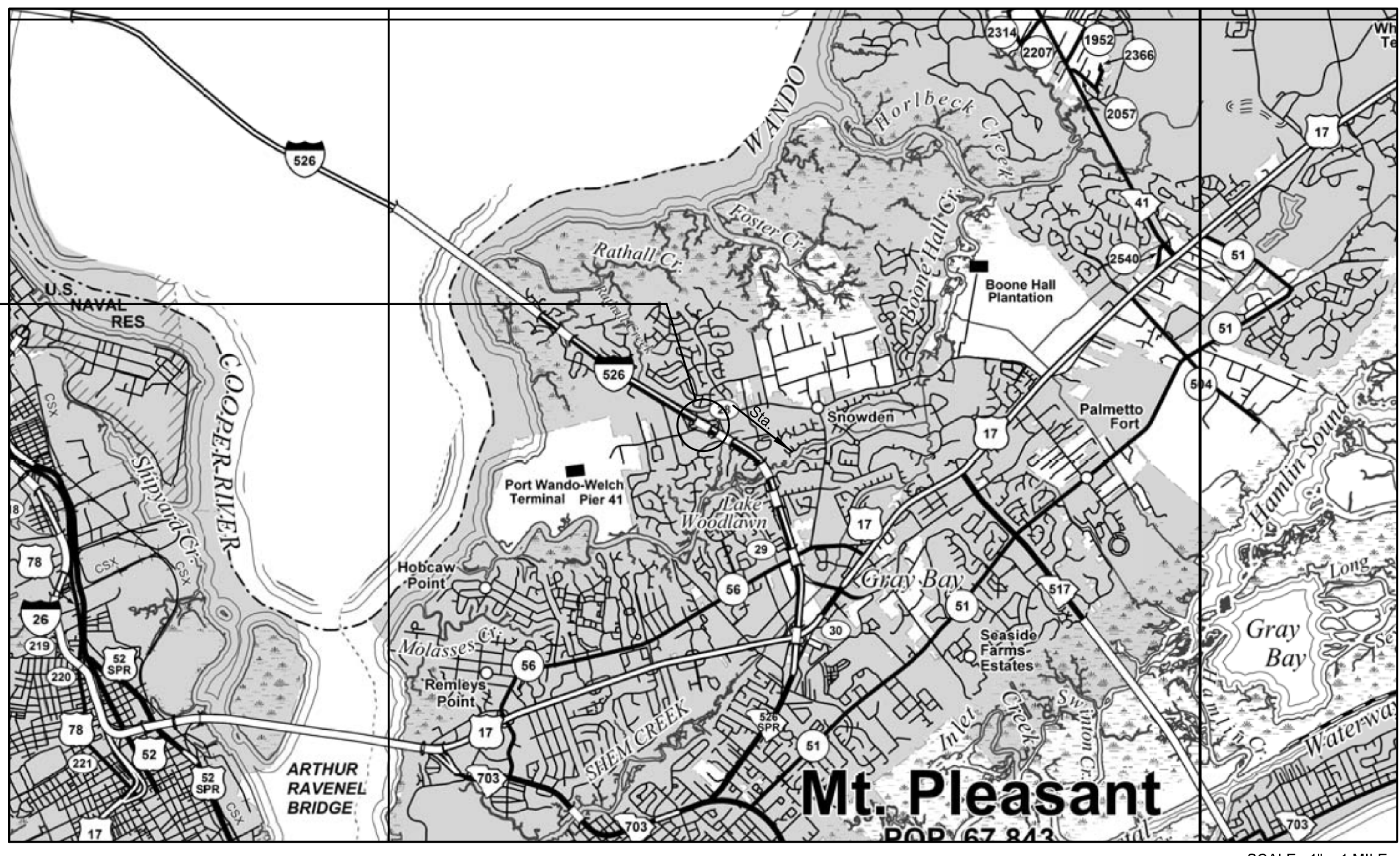
## CHARLESTON COUNTY PROJECT ID P041314 RELOCATED LINE 4 CONSTRUCT BRIDGE OVER S-97 (LONG POINT ROAD)

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ROMANA 10/9/2024 10:22:02 AM  
 cad\man\copy of 11002.dwg (2)

REVIEWED	DR.	AR	WWSJ	CHK	DATE

SITE LOCATION



Approximate Location of Bridge is	
Latitude	32° - 50' - 23" N
Longitude	79° - 51' - 43" W

3 DAYS BEFORE DIGGING IN  
SOUTH CAROLINA  
**CALL 811**  
SOUTH CAROLINA 811 (SC811)  
WWW.SC811.COM  
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

ASSET ID        TBD    

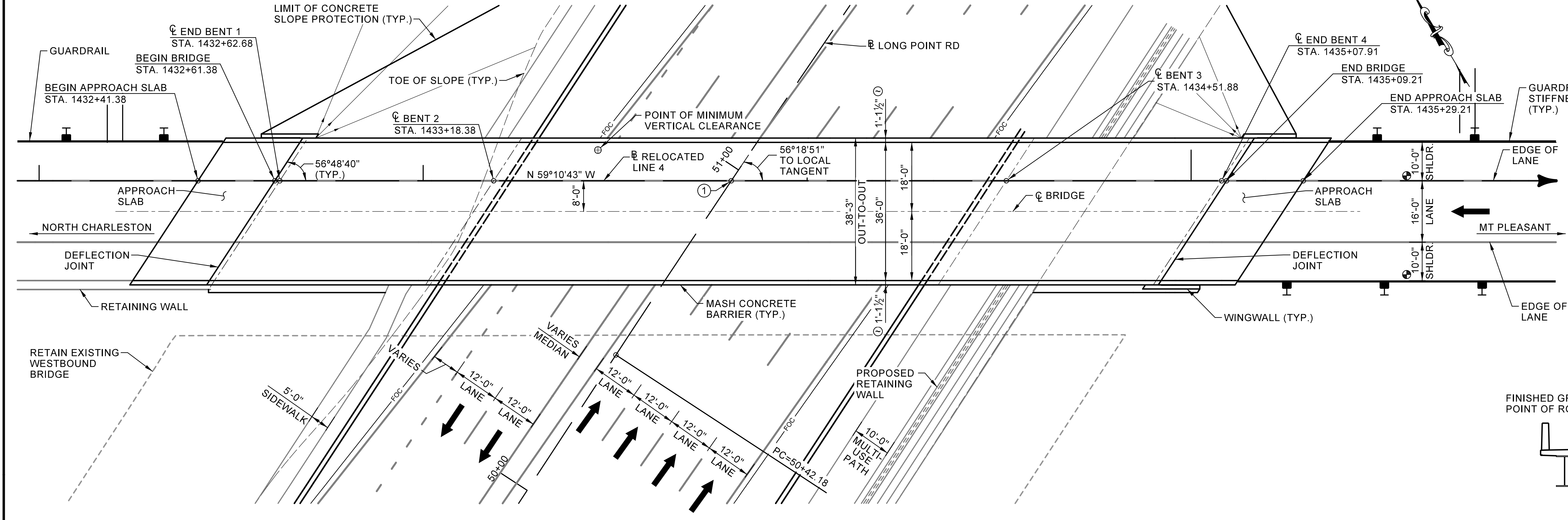
TRAFFIC DATA			
2022	ADT	5,400	V.P.D.
2050*	ADT	5,100	V.P.D.
	TRUCKS	3	%
*DESIGN TRAFFIC DATA			

NET LENGTH OF ROADWAY	0.000	MILES
NET LENGTH OF BRIDGES	0.047	MILES
NET LENGTH OF PROJECT	0.047	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.047	MILES

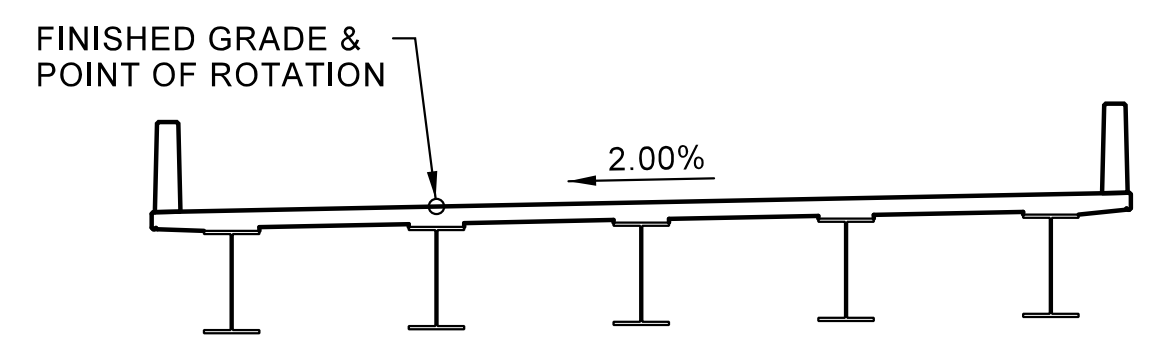
**NOTE:** EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2025 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING.

**CONCEPTUAL PLANS  
NOT FOR CONSTRUCTION**



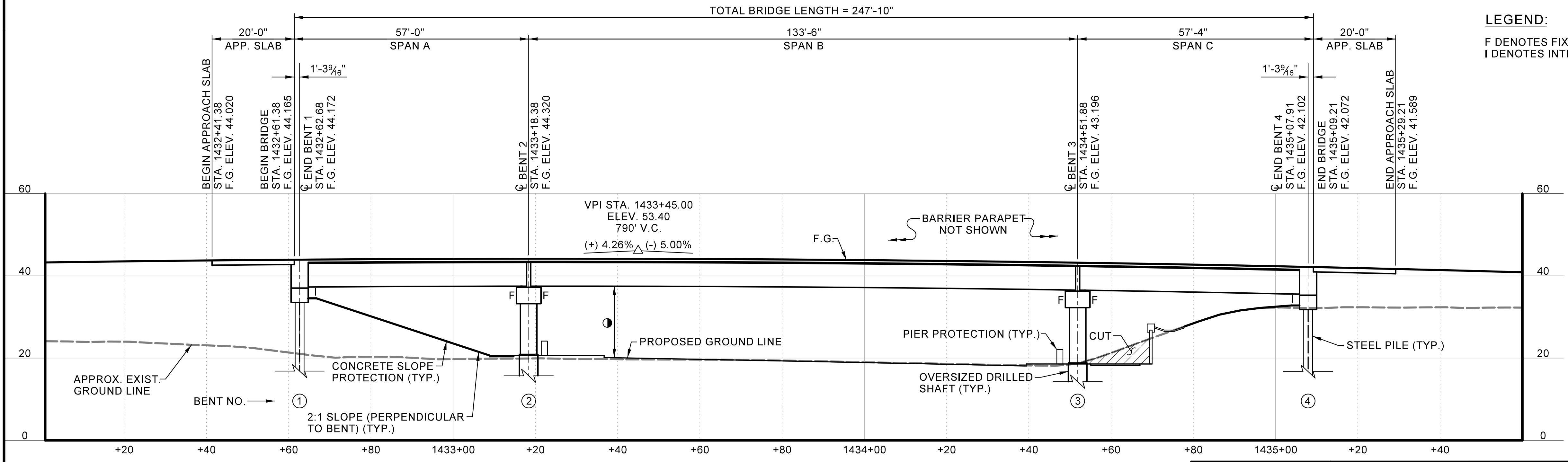


- NOTES:**
- ① DIMENSION INCLUDES 1'-0" CONCRETE BARRIER WITH 1/2" SLAB EXTENSION.
  - ➔ DENOTES DIRECTION OF ONE LANE OF TRAFFIC FOR ROADWAY DETAILS NOT SHOWN. SEE ROADWAY PLANS.
  - ⊕ ADD ADDITIONAL 3'-9" WHERE GUARDRAIL IS PRESENT.
  - ① TIE EQUALITY STA. 1433+80.26 @ RELOCATED LINE 4 = STA. 50+96.61 @ LONG POINT RD
  - ① 17'-2" ACTUAL VERTICAL CLEARANCE 17'-0" REQUIRED MINIMUM CLEARANCE
- BRIDGE DECK DRAINAGE NOT SHOWN. SEE RFP FOR MINIMUM BRIDGE DRAINAGE REQUIREMENTS.



SUPERELEVATION DETAIL

PLAN



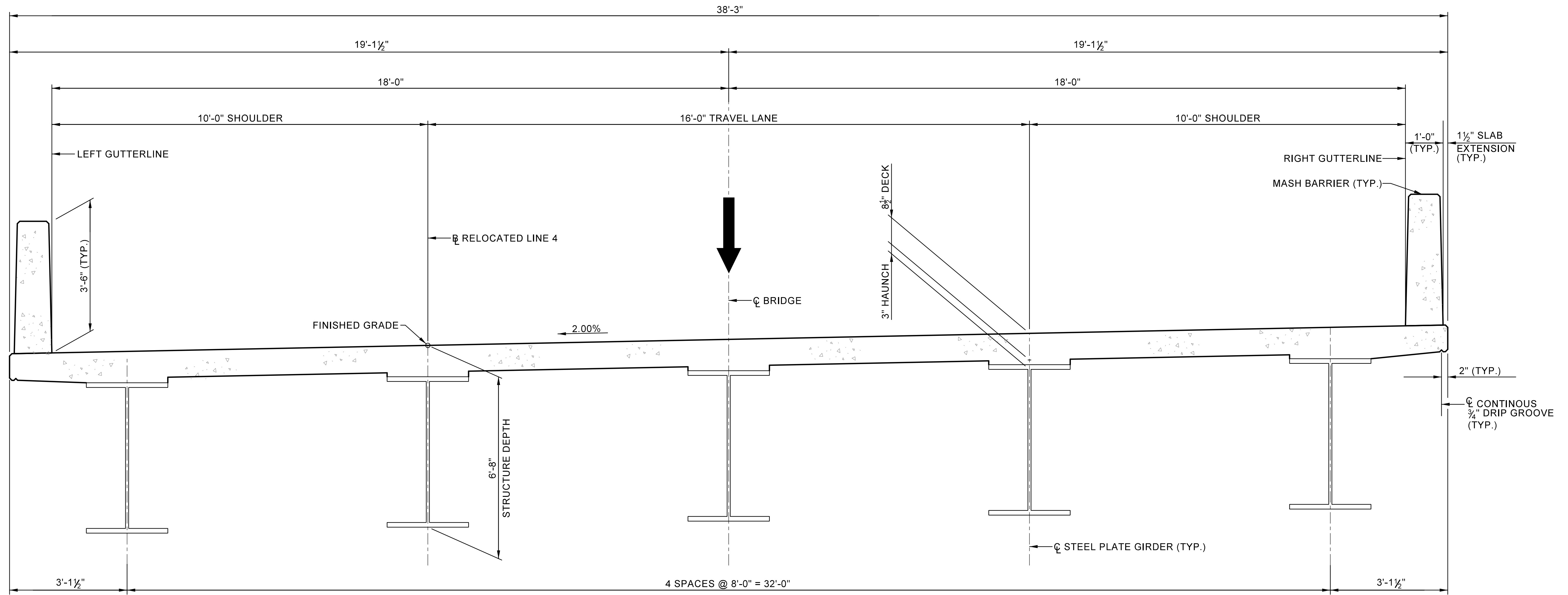
**LEGEND:**  
F DENOTES FIXED  
I DENOTES INTEGRAL

SECTION ALONG B RELOCATED LINE 4

**CDM Smith**  
NOT FOR CONSTRUCTION

REV.				<b>SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION</b>  <b>BRIDGE PLAN AND PROFILE</b>	COUNTY CHARLESTON	ROUTE I-526
REV.						
REV.						
REVIEWED	WSJ					
QUAN.						
DR.	AR	WSJ	02-23			
DES.						
BY	CHK.	DATE				

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 ROMANA



**TYPICAL SECTION**

LOOKING IN DIRECTION OF STATIONING  
(DECK DRAINS NOT SHOWN)

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 ROMANA

<b>CDM Smith</b>	NOT FOR CONSTRUCTION
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REV.				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  <b>TYPICAL SECTION</b>
REV.				
REV.				
REVIEWED	WSJ			
QUAN.				
DR.	AR	WSJ	02-23	
DES.				
BY	CHK	DATE		COUNTY CHARLESTON
				ROUTE I-526



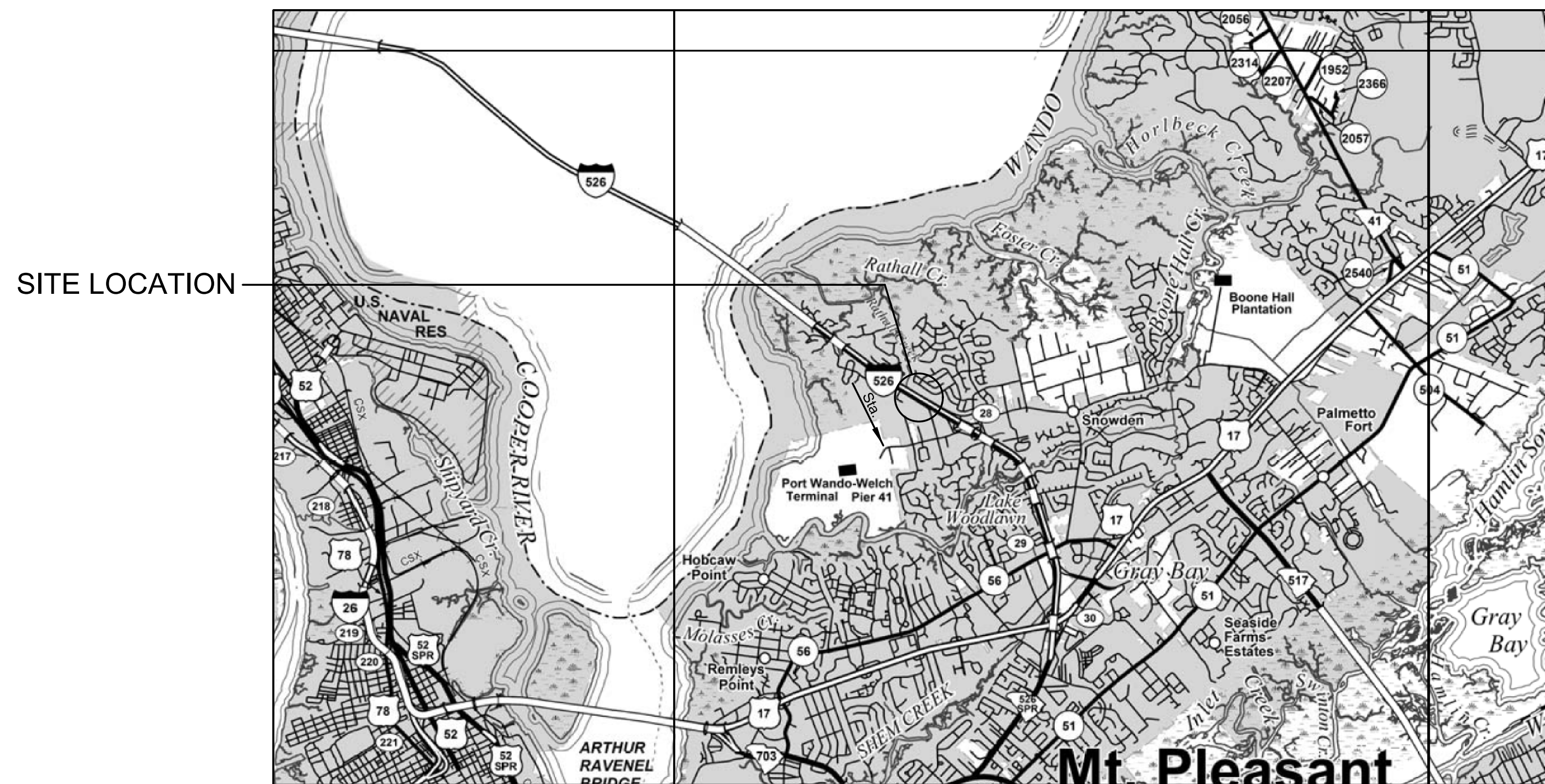
South Carolina Department of Transportation



# PROPOSED PLANS FOR CHARLESTON COUNTY PROJECT ID P041314 LINE A CONSTRUCT BRIDGE OVER I-526 & WANDO PARK BLVD

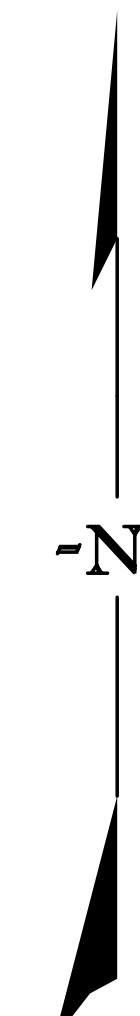
INDEX OF SHEETS

1. TITLE SHEET
2. BRIDGE PLAN AND PROFILE (1 OF 3)
3. BRIDGE PLAN AND PROFILE (2 OF 3)
4. BRIDGE PLAN AND PROFILE (3 OF 3)
5. TYPICAL SECTION



LAYOUT

SCALE: 1" = 1 MILE



Approximate Location of Bridge is	
Latitude	32° - 50' - 37" N
Longitude	79° - 52' - 14" W

3 DAYS BEFORE DIGGING IN  
SOUTH CAROLINA  
**CALL 811**  
SOUTH CAROLINA 811 (SC811)  
WWW.SC811.COM  
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

ASSET ID     TBD    

TRAFFIC DATA			
2022	ADT	N/A	V.P.D.
2050	* ADT	9,200	V.P.D.
		TRUCKS	95 %
*DESIGN TRAFFIC DATA			

NET LENGTH OF ROADWAY	0.000	MILES
NET LENGTH OF BRIDGES	0.239	MILES
NET LENGTH OF PROJECT	0.239	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.239	MILES

NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2025 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING.

## CONCEPTUAL PLANS NOT FOR CONSTRUCTION

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REVIEWED	DR.	AR	WJSJ	WJSJ	02-23	DATE
	BY	CHK	DATE	DATE	DATE	DATE



- NOTES:**
- ① DIMENSION INCLUDES 1'-0" CONCRETE BARRIER WITH 1/2" SLAB EXTENSION.
  - ➔ DENOTES DIRECTION OF ONE LANE OF TRAFFIC FOR ROADWAY DETAILS NOT SHOWN, SEE ROADWAY PLANS.
  - BRIDGE DECK DRAINAGE NOT SHOWN. SEE RFP FOR MINIMUM BRIDGE DRAINAGE REQUIREMENTS.
  - ① BACKFILLED AND CAPPED WITH CLASS 2500 CONCRETE.

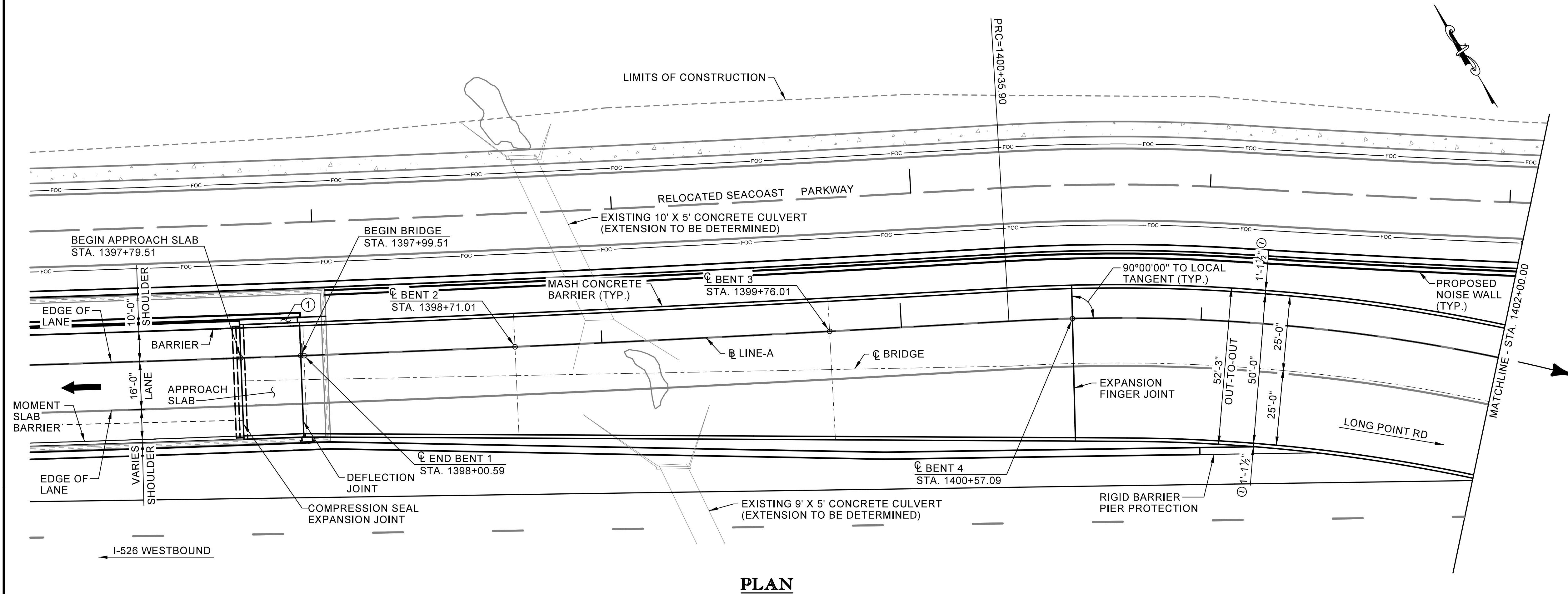
**CURVE DATA**

LINE-A

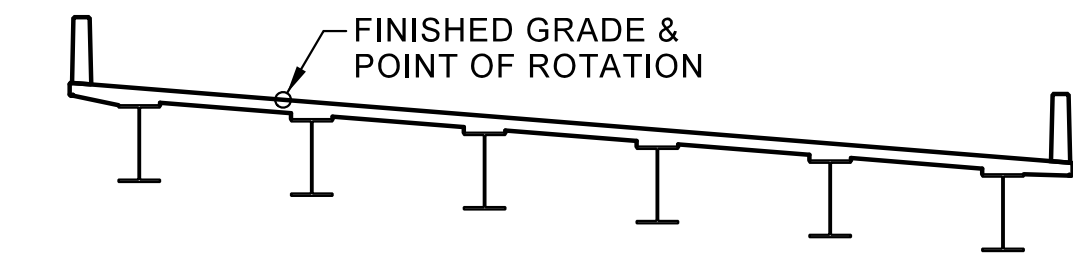
CURVE LINE-A-4
PC 1400+35.90
PI 1405+72.62
PT 1409+18.92
DELTA 82° 07' 53.27" (RT)
DEGREE 09° 18' 04.55"
TANGENT 536.723'
LENGTH 883.014'
RADIUS 616.000'

**SUPERELEVATION**

STATION	LEFT	RIGHT
1397+79.42	-0.0400	0.0200
1398+19.74	-0.0200	0.0200
1398+79.00	0.0000	0.0000
1401+60.00	0.0800	-0.0800
1408+38.92	0.0800	-0.0800
1410+16.66	0.0200	-0.0200
1410+81.06	0.0200	-0.0200

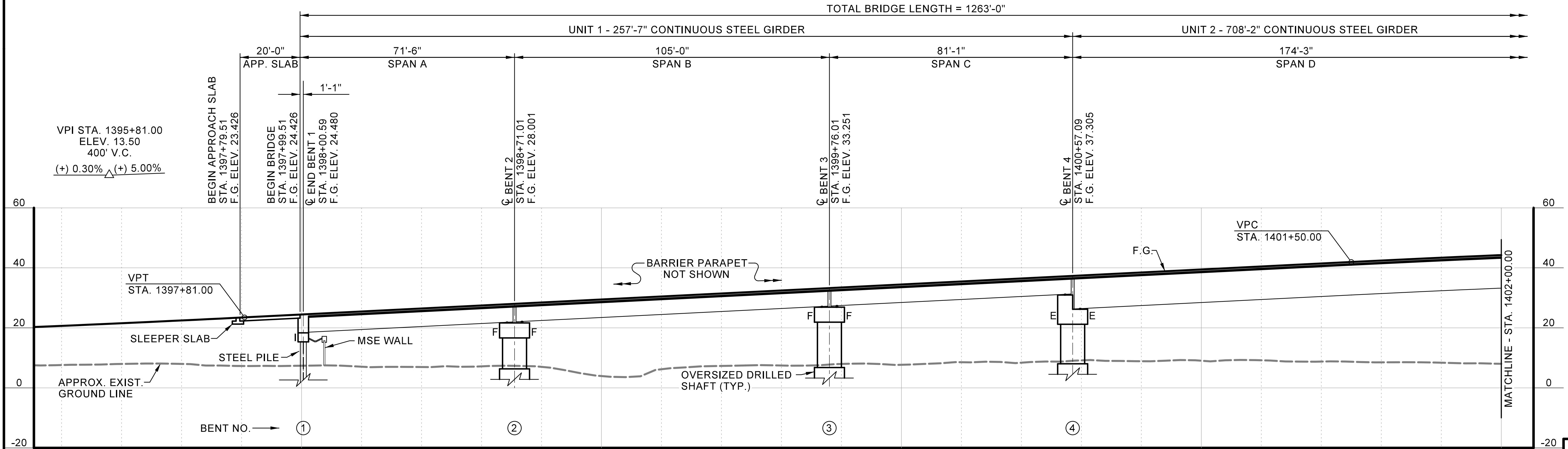


**PLAN**



**SUPERELEVATION DETAIL**  
POSITIVE IS UP AWAY FROM POINT OF ROTATION  
NEGATIVE IS DOWN AWAY FROM POINT OF ROTATION

- LEGEND:**
- E DENOTES EXPANSION
  - F DENOTES FIXED
  - I DENOTES INTEGRAL



**SECTION ALONG B LINE-A**

10/11/2024 10:59:37 AM  
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 ROMANA

**CDM Smith**

NOT FOR CONSTRUCTION

REV.		
REV.		
REV.		
REVIEWED	WSJ	
QUAN.		
DR.	AR	WSJ 02-23
DES.		
BY	CHK.	DATE

**SOUTH CAROLINA**  
**DEPARTMENT OF TRANSPORTATION**

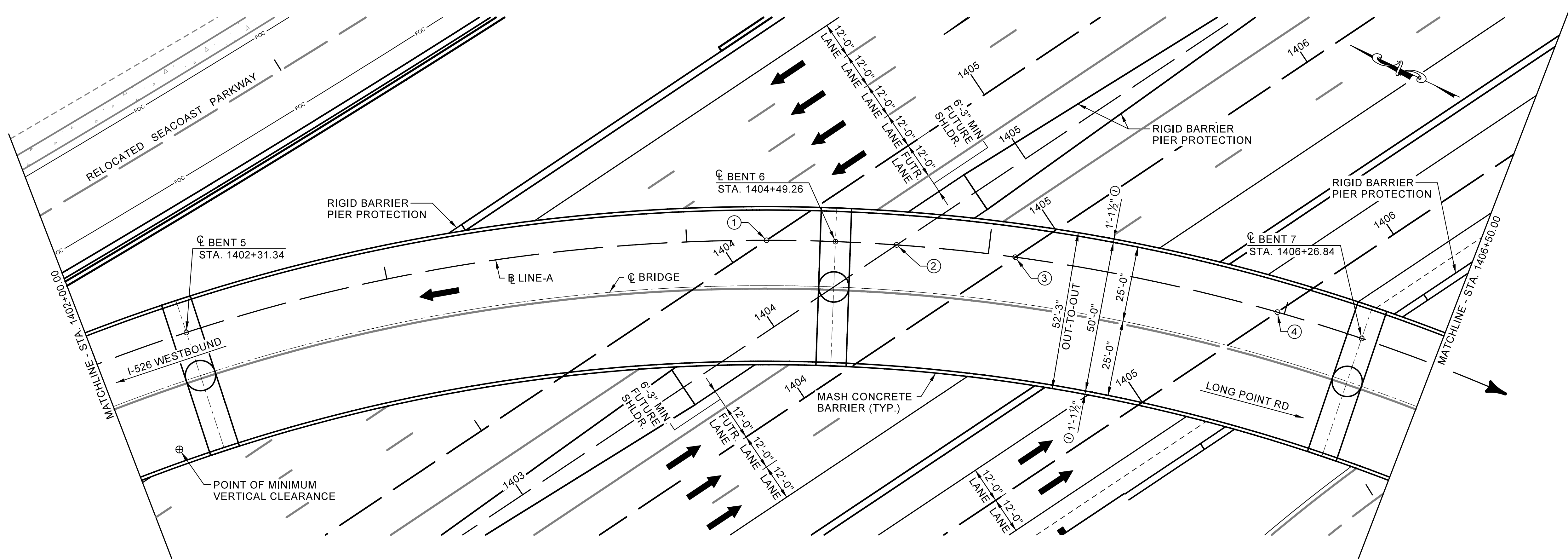
**BRIDGE PLAN AND PROFILE**  
**(1 OF 3)**

COUNTY CHARLESTON

ROUTE I-526

NOTES:

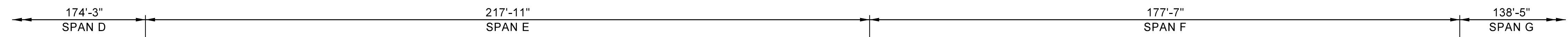
- ① DIMENSION INCLUDES 1'-0" CONCRETE BARRIER WITH 1 1/2" SLAB EXTENSION.
- ➔ DENOTES DIRECTION OF ONE LANE OF TRAFFIC FOR ROADWAY DETAILS NOT SHOWN, SEE ROADWAY PLANS.
- ① TIE EQUALITY STA. 1404+26.48 LINE-A = STA. 1404+13.38 BL WB 526
- ② TIE EQUALITY STA. 1404+69.52 LINE-A = STA. 1404+48.74 R 5 I 526 MAIN
- ③ TIE EQUALITY STA. 1405+08.99 LINE-A = STA. 1404+83.89 BL EB 526
- ④ TIE EQUALITY STA. 1405+97.63 LINE-A = STA. 1405+53.75 REL Q LINE-3



PLAN

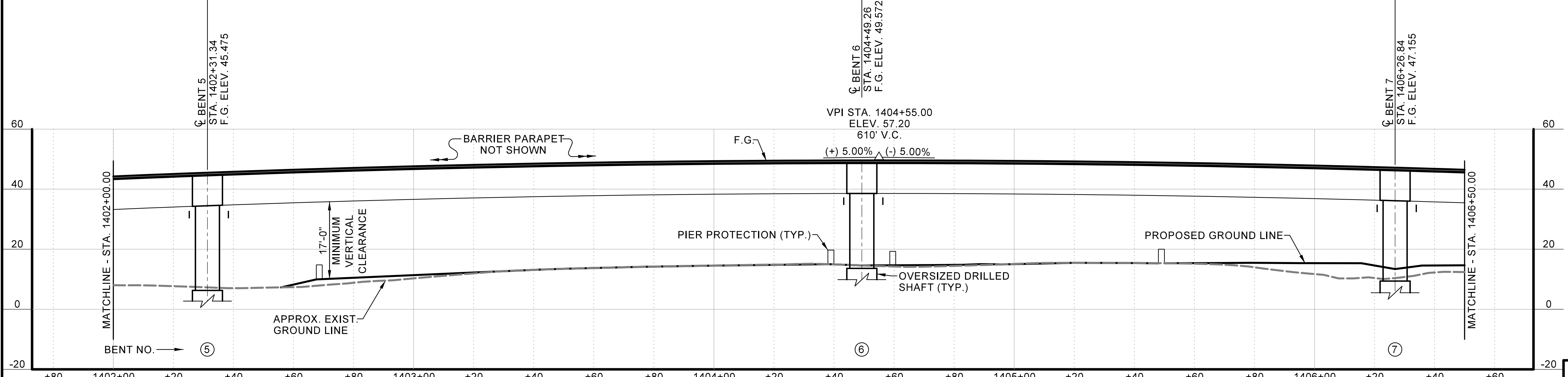
TOTAL BRIDGE LENGTH = 1263'-0"

UNIT 2 - 708'-2" CONTINUOUS STEEL GIRDER



LEGEND:

- E DENOTES EXPANSION
- I DENOTES INTEGRAL



SECTION ALONG B LINE-A

**CDM Smith**

NOT FOR CONSTRUCTION

REV.			
REV.			
REV.			
REVIEWED	WSJ		
QUAN.			
DR.	AR	WSJ	02-23
DES.			
BY	CHK.	DATE	

**SOUTH CAROLINA**  
**DEPARTMENT OF TRANSPORTATION**

**BRIDGE PLAN AND PROFILE**  
**(2 OF 3)**

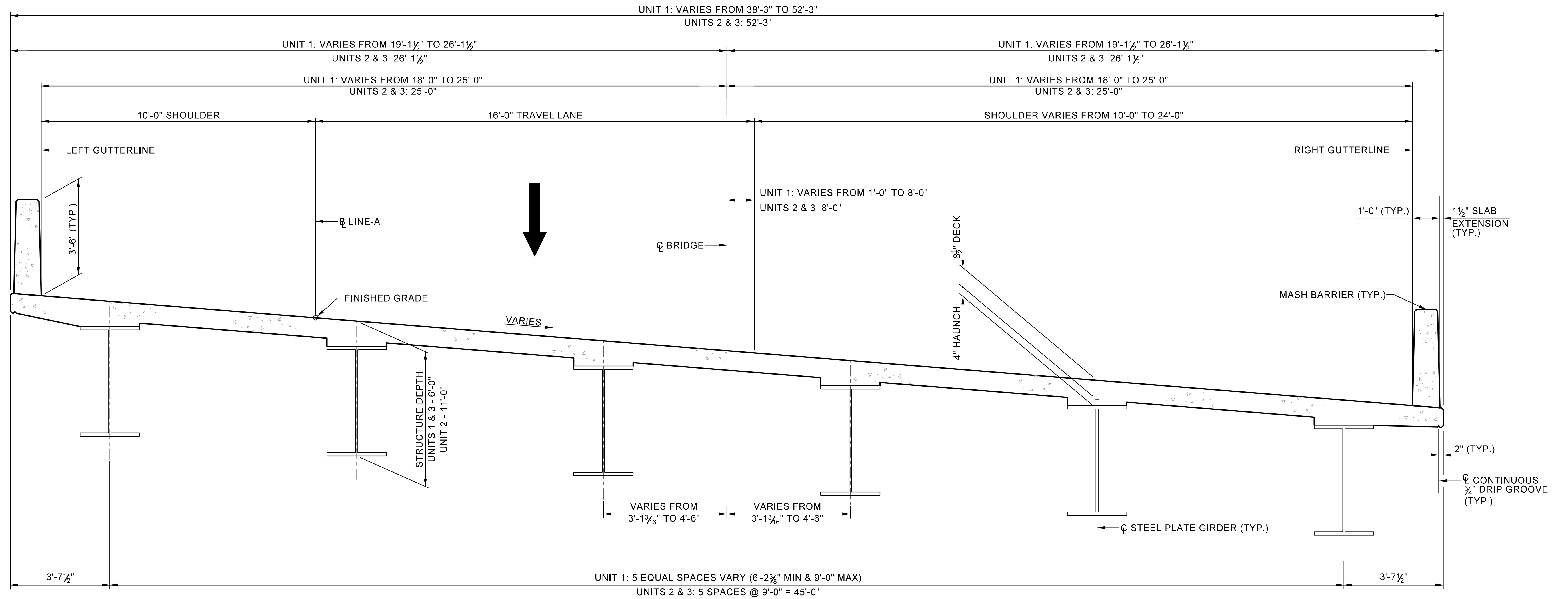
COUNTY CHARLESTON

ROUTE I-526

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 ROMANA







**TYPICAL SECTION**

LOOKING IN DIRECTION OF STATIONING  
(DECK DRAINS NOT SHOWN)

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 ROMANA

	NOT FOR CONSTRUCTION	

REV.				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
REV.				
REV.				
REV.				
REVIEWED	WSJ			TYPICAL SECTION
QUAN.				
DR.	AR	WSJ	02-23	
DES.				
BY				COUNTY
				CHARLESTON
				ROUTE
				I-526



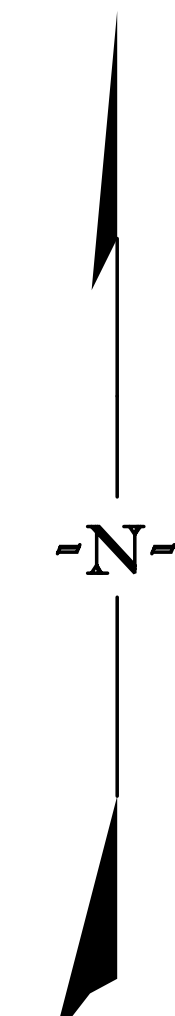
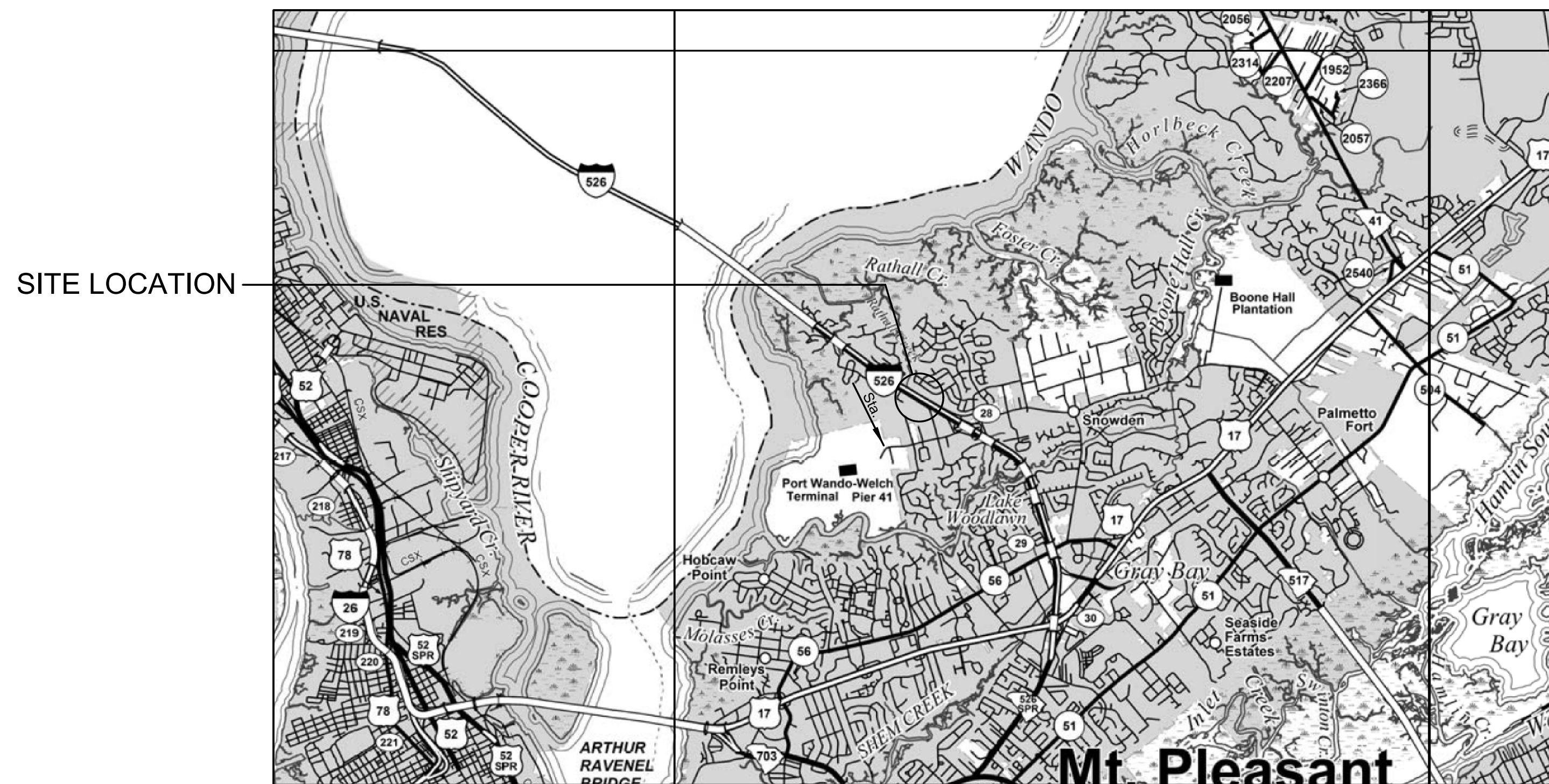
South Carolina Department of Transportation



# PROPOSED PLANS FOR CHARLESTON COUNTY PROJECT ID P041314 LINE B CONSTRUCT BRIDGE OVER WANDO PARK BLVD

INDEX OF SHEETS

1. TITLE SHEET
2. BRIDGE PLAN AND PROFILE (1 OF 3)
3. BRIDGE PLAN AND PROFILE (2 OF 3)
4. BRIDGE PLAN AND PROFILE (3 OF 3)
5. TYPICAL SECTION



Approximate Location of Bridge is

Latitude 32° - 50' - 35" N

Longitude 79° - 52' - 15" W

LAYOUT

SCALE: 1" = 1 MILE

3 DAYS BEFORE DIGGING IN  
SOUTH CAROLINA  
**CALL 811**  
SOUTH CAROLINA 811 (SC811)  
WWW.SC811.COM  
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

ASSET ID     TBD    

TRAFFIC DATA			
2022	ADT	N/A	V.P.D.
2050	* ADT	9,200	V.P.D.
		TRUCKS	95 %
*DESIGN TRAFFIC DATA			

NET LENGTH OF ROADWAY	0.000	MILES
NET LENGTH OF BRIDGES	0.176	MILES
NET LENGTH OF PROJECT	0.176	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.176	MILES

NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2025 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING.

## CONCEPTUAL PLANS NOT FOR CONSTRUCTION

p:\v\sc\sc\p041314\p041314\_b04\_ts.dgn

ROMANA 10/9/2024 3:56:59 PM

REVIEWED	DR.	BY	DATE
			02-23





**NOTES:**

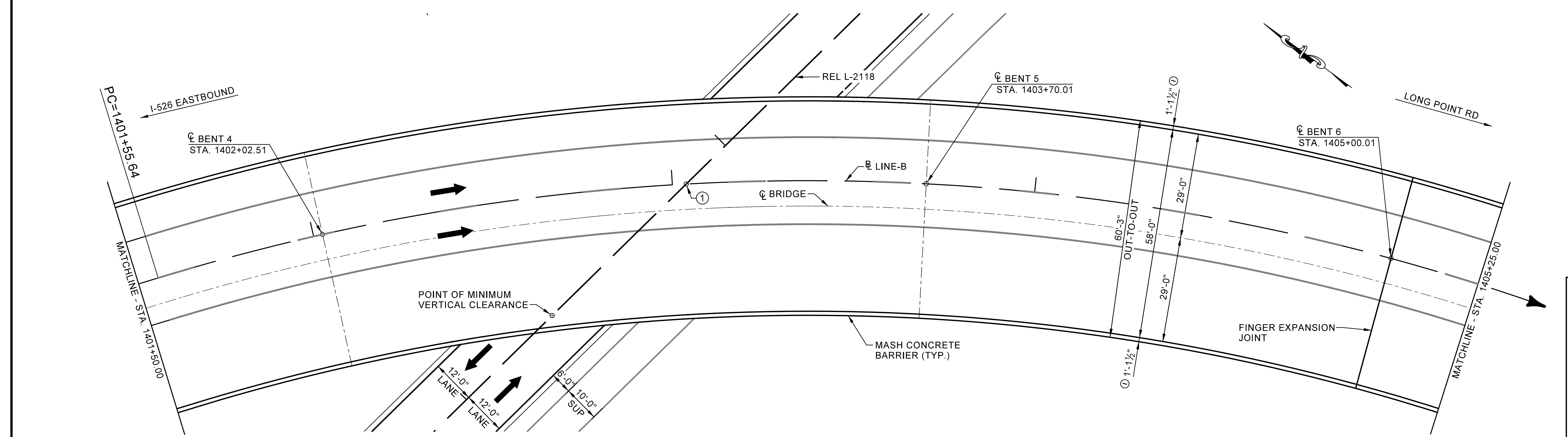
- (1) DIMENSION INCLUDES 1'-0" CONCRETE BARRIER WITH 1/2" SLAB EXTENSION.
- (2) DENOTES DIRECTION OF ONE LANE OF TRAFFIC
- FOR ROADWAY DETAILS NOT SHOWN, SEE ROADWAY PLANS.
- (1) TIE EQUALITY  
STA. 1403+03.83 LINE-B =  
STA. 121+84.88 REL L-2118
- (1) 17'-8" ACTUAL VERTICAL CLEARANCE  
17'-0" REQUIRED MINIMUM CLEARANCE

**CURVE DATA**

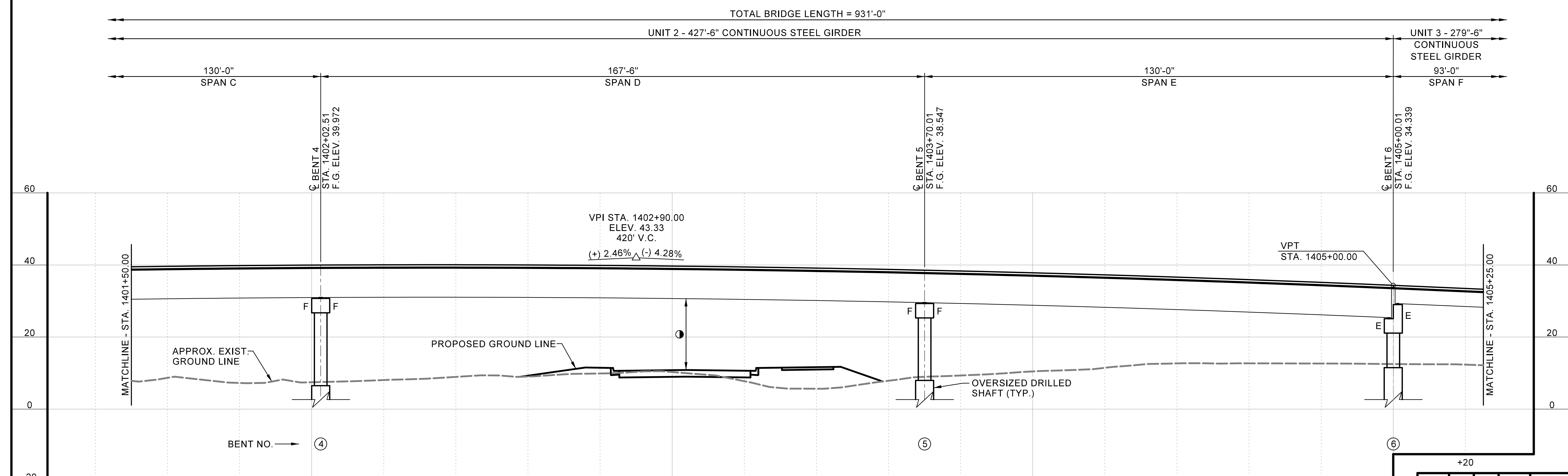
LINE-B

CURVE LINE-B1

PC	1401+55.64
PI	1407+90.47
PT	1411+39.38
DELTA	92° 05' 52.81" (RT)
DEGREE	09° 21' 43.40"
TANGENT	634.830'
LENGTH	983.737'
RADIUS	612.000'



**PLAN**



**SECTION ALONG B LINE-B**

**LEGEND:**

E DENOTES EXPANSION  
F DENOTES FIXED  
I DENOTES INTEGRAL

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**CDM Smith**

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BY	CHL		
DATE			

**SOUTH CAROLINA**  
**DEPARTMENT OF TRANSPORTATION**

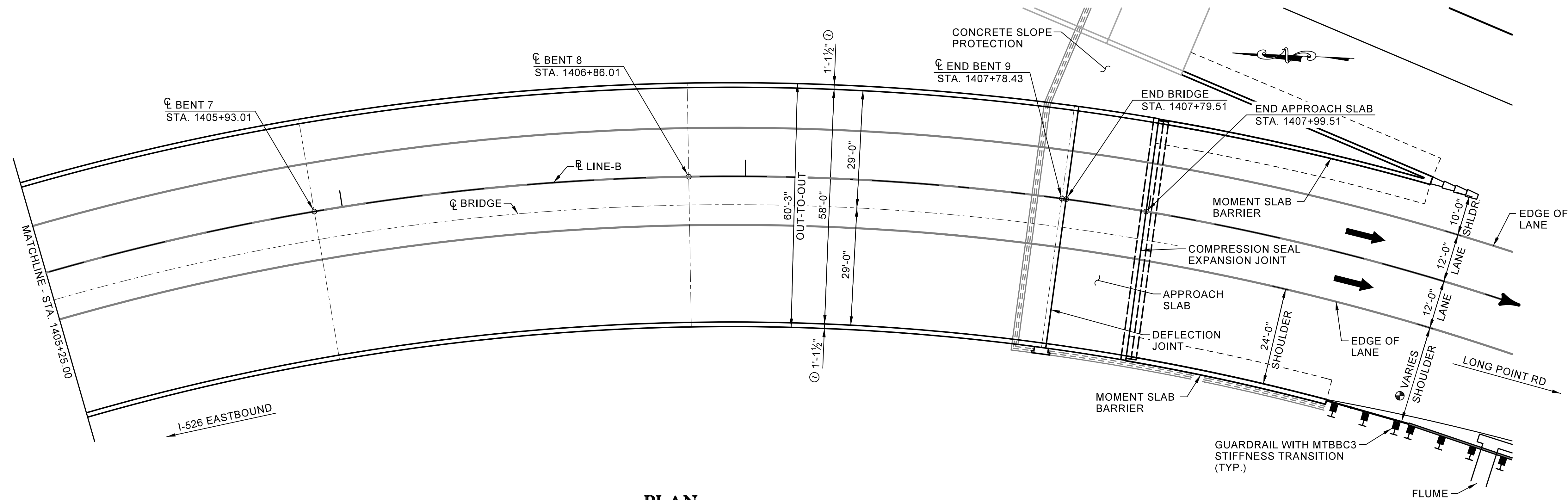
**BRIDGE PLAN**  
**AND PROFILE**  
**(2 OF 3)**

COUNTY CHARLESTON

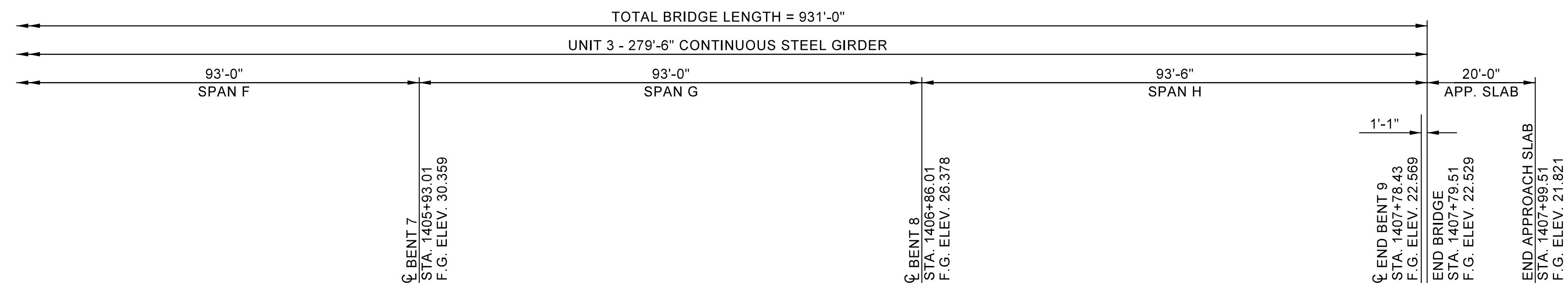
ROUTE 1-526

NOTES:

- ① DIMENSION INCLUDES 1'-0" CONCRETE BARRIER WITH 1/2" SLAB EXTENSION.
- ➔ DENOTES DIRECTION OF ONE LANE OF TRAFFIC FOR ROADWAY DETAILS NOT SHOWN. SEE ROADWAY PLANS.
- ⊕ ADD ADDITIONAL 3'-9" WHERE GUARDRAIL IS PRESENT.



PLAN



SECTION ALONG LINE-B

LEGEND:

- E DENOTES EXPANSION
- F DENOTES FIXED
- I DENOTES INTEGRAL

VPI STA. 1409+15.00  
 ELEV. 16.58  
 370' V.C.  
 (-) 4.28% (+) 0.33%

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**CDM Smith**

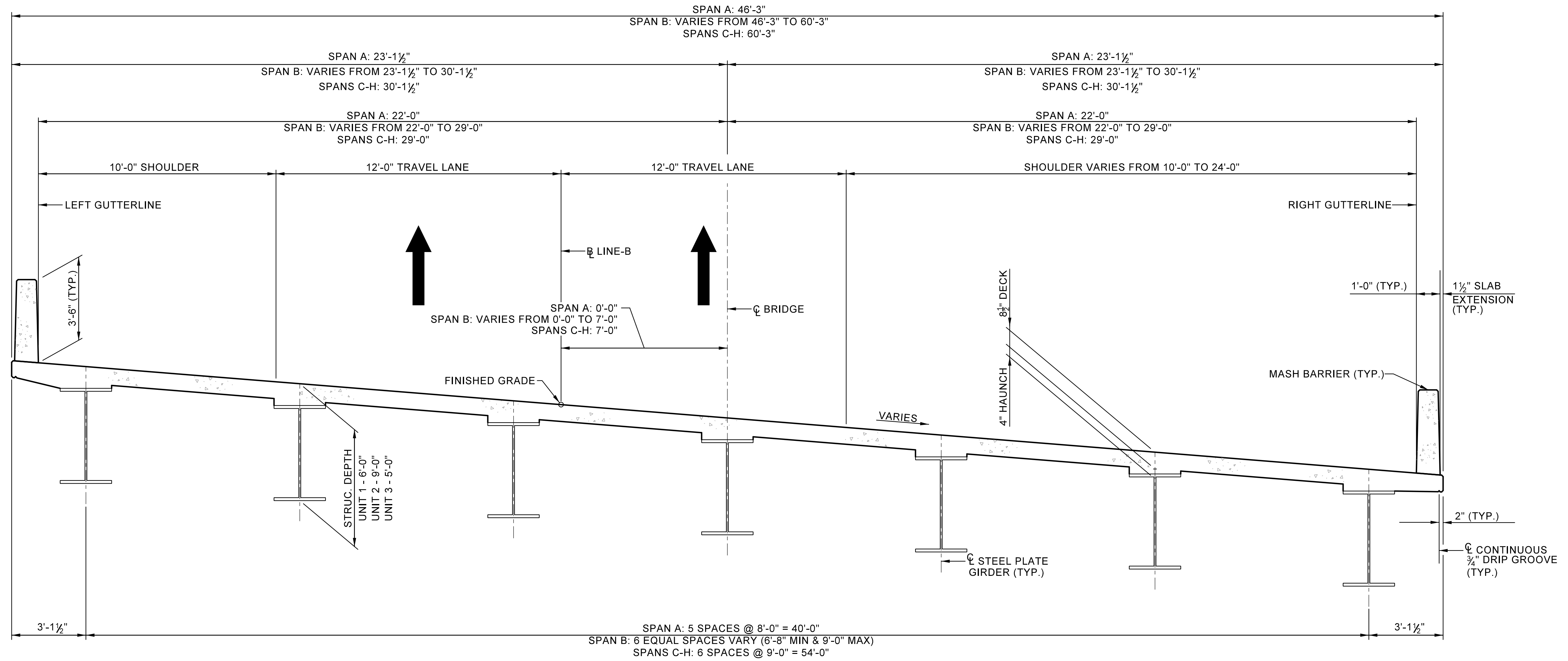
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BY	CHK.	DATE	

**SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION**

**BRIDGE PLAN AND PROFILE (3 OF 3)**

COUNTY CHARLESTON ROUTE I-526



**TYPICAL SECTION**

LOOKING IN DIRECTION OF STATIONING  
(DECK DRAINS NOT SHOWN)

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<b>CDM Smith</b>	NOT FOR CONSTRUCTION
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				COUNTY CHARLESTON
				ROUTE I-526