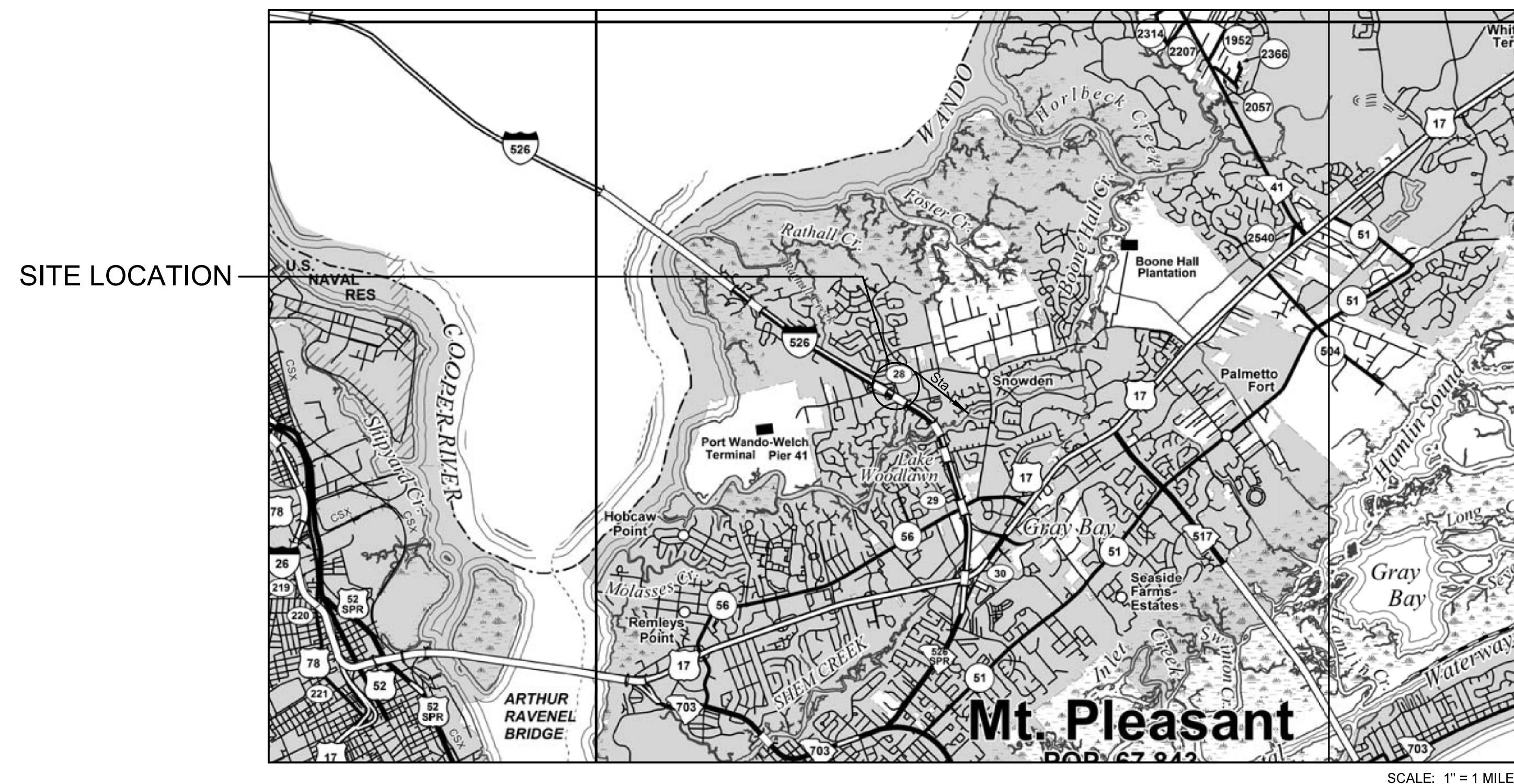
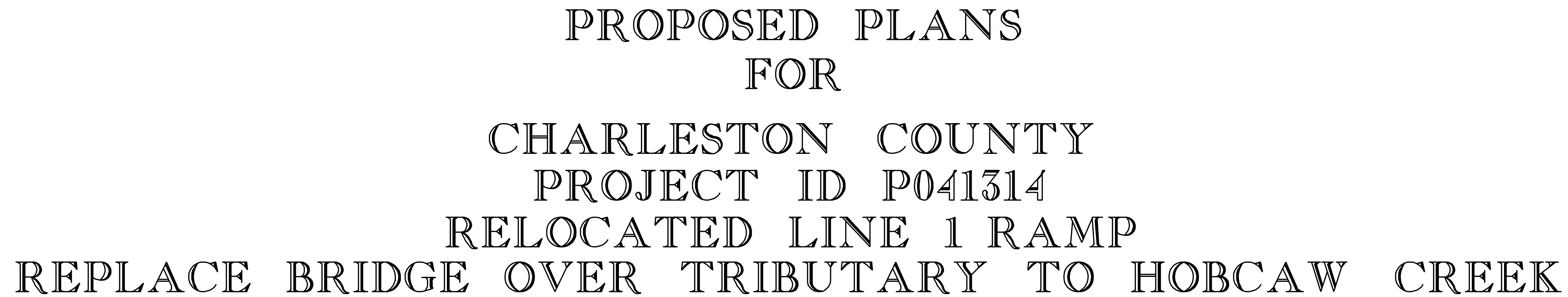




LAYOUT

SCALE: 1" = 1 MILE

ALL UTILITIES MAY NOT BE A MEMBER OF SC811

TBD

* 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

p:\w\scsmith\az02-pw\benley\compw_enr\Documents\18296\222693\NO Transportation\02 Engineering Services\181\JOV2 Structures\NO CADD\Ramp over Hoback Creek\04\314-J01.Jsdgn

ROMANA 10/9/2024 9:31:48 AM
c:\odmex\copy of r\incnm (2)\0805583\pdf.pltcf.g

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

BRIDGE DECK DRAINAGE NOT SHOWN.
SEE RFP FOR MINIMUM BRIDGE DRAINAGE
REQUIREMENTS.

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 1762.00'

(-) 0.50% (+) 0.50%

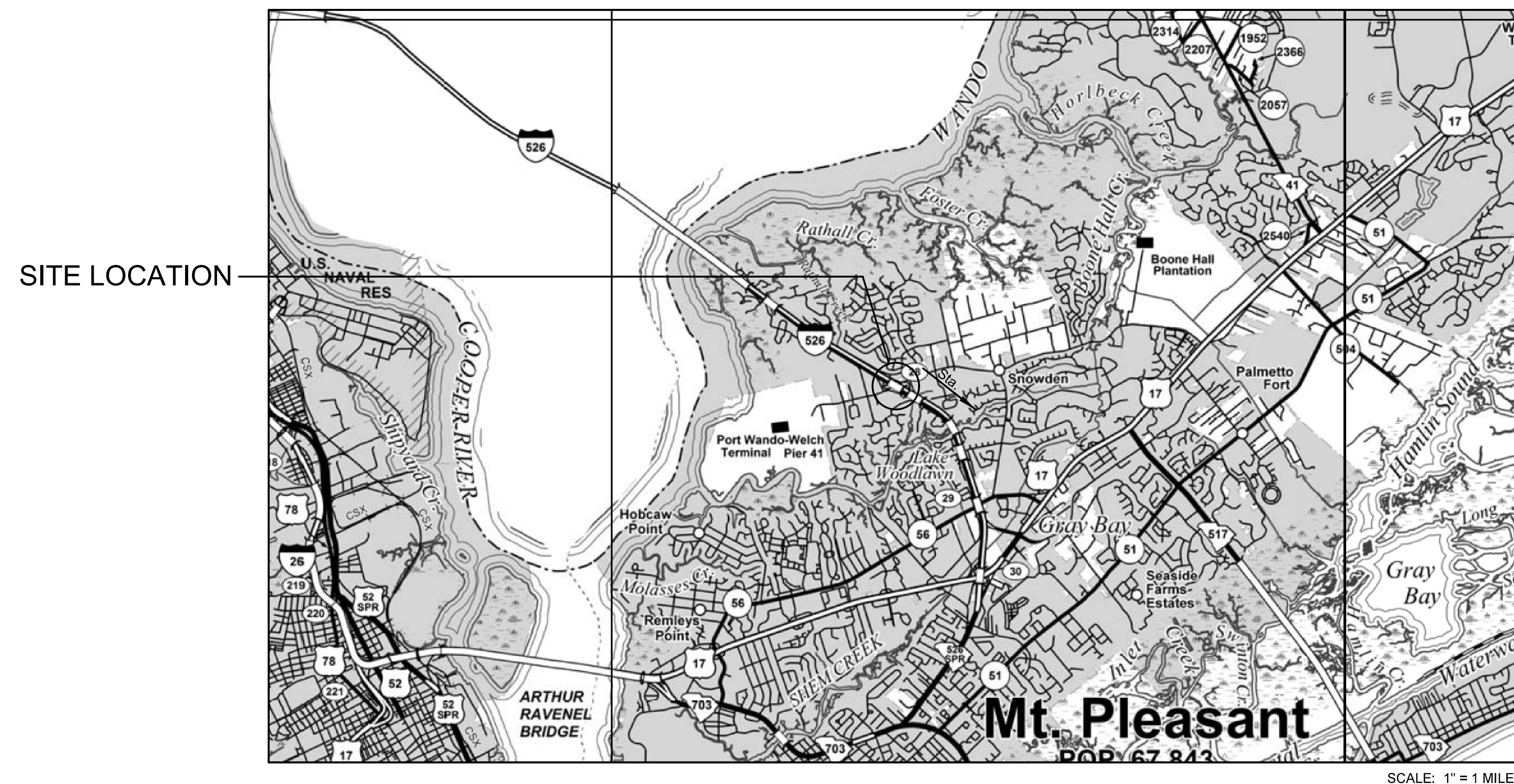
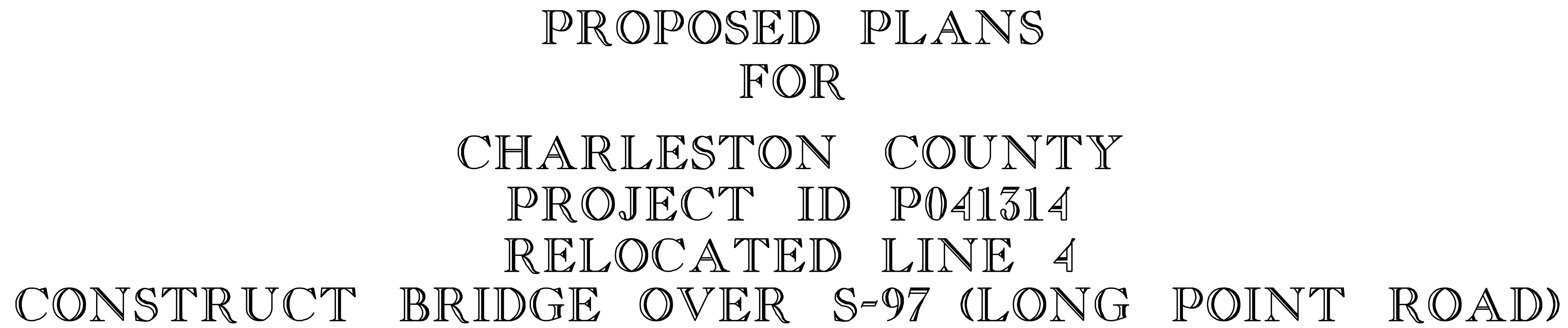
**NOT FOR
CONSTRUCTION**

ROUTE
I-526

REV.			
REV.			
REV.			
REVIEWED WSJ			
QUAN.			
DR.	AR	WSJ	02-2
DES.			
	BY	CHK.	DATE

- ① AT ~~C~~ BENT
- ② INCLUDES 1/4" ELASTOMERIC BEARING PAD





LAYOUT

SCALE: 1" = 1 MILE

ALL UTILITIES MAY NOT BE A MEMBER OF SC811

TBD

* 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

p:\w\scsmith\az02-pw\benley\compw_enr\Documents\18269\22269\NO Transportation\02 Engineering Services\1M JV02 Structures\NO CADD\Bridg over Longpoint Rd\p4314_002_1s.dgn

p:\w\scsmith\az02-pw\benley\compw_enr\Documents\18269\22269\NO Transportation\02 Engineering Services\1M JV02 Structures\NO CADD\03 Work\002 Pen Table\CDS\Smith.Strut.FULL\H

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

① DIMENSION INCLUDES 1'-0" CONCRETE BARRIER WITH 1½" SLAB EXTENSION.

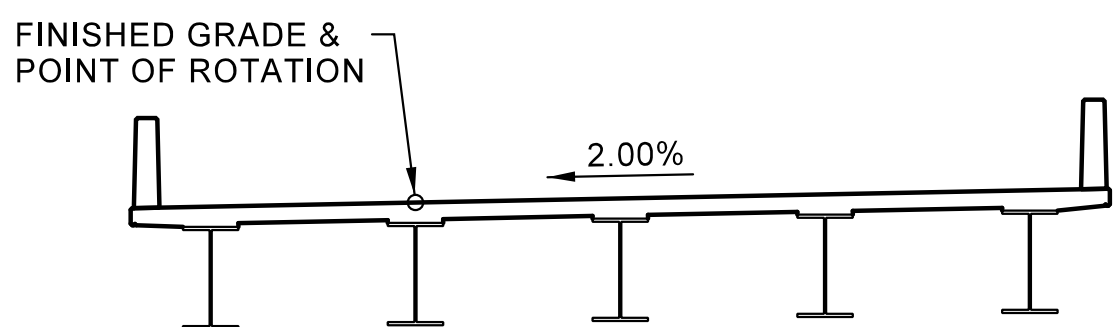
 DENOTES DIRECTION OF ONE
LANE OF TRAFFIC
FOR ROADWAY DETAILS NOT SHOWN, SEE
ROADWAY PLANS.

⊕ 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

● 17'-2" ACTUAL VERTICAL CLEARANCE
17'-0" REQUIRED MINIMUM CLEARANCE

BRIDGE DECK DRAINAGE NOT SHOWN.
SEE RFP FOR MINIMUM BRIDGE DRAINAGE
REQUIREMENTS.

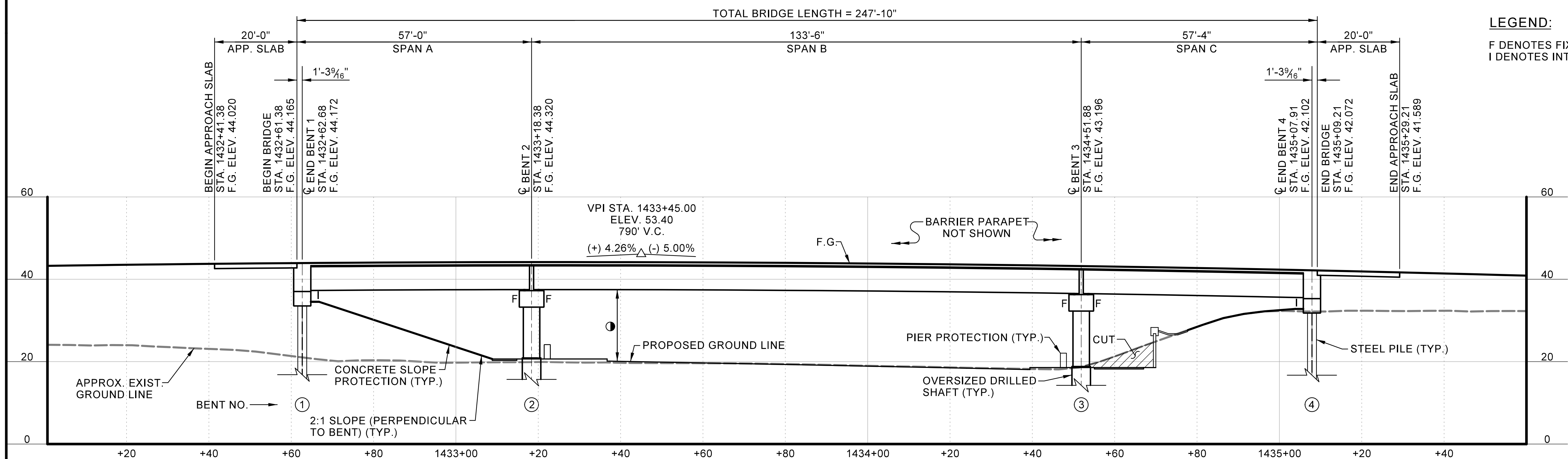


SUPERELEVATION DETAIL

PLAN

LEGEND:

F DENOTES FIXED
I DENOTES INTEGRAL

SECTION ALONG ~~B~~ RELOCATED LINE 4

**CDM
Smith**

**NOT FOR
CONSTRUCTION**

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

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BRIDGE PLAN AND PROFILE

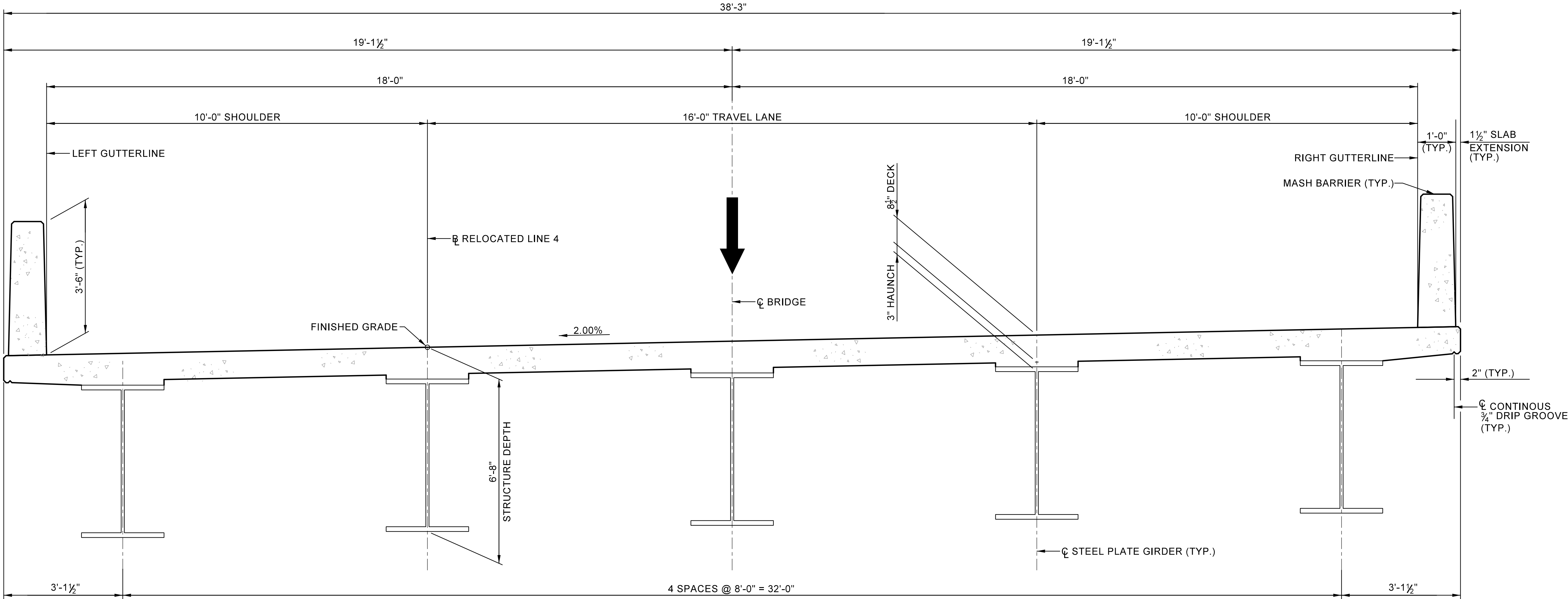
COUNTY
CHARLESTON

ROUTE
I-526

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ROMANA

P041314_b02_xs.dgn

BRIDGE PLANS ID	SHEET NO.
P041314-B02	03



TYPICAL SECTION

LOOKING IN DIRECTION OF STATIONING
(DECK DRAINS NOT SHOWN)

**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**

TYPICAL SECTION

COUNTY
CHARLESTON

ROUTE
I-526

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



South Carolina Department of Transportation

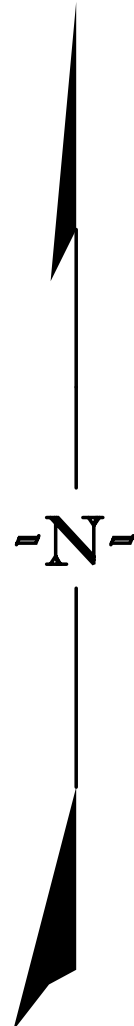


PROPOSED PLANS
FOR
CHARLESTON COUNTY
PROJECT ID P041314
LINE A
CONSTRUCT BRIDGE OVER I-526 & WANDO PARK BLVD

SITE LOCATION



LAYOUT



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

REVIEWED	DR.	AR	WSJ	CHK	DATE

NOTES:

① DIMENSION INCLUDES 1'-0" CONCRETE BARRIER WITH 1½" SLAB EXTENSION.

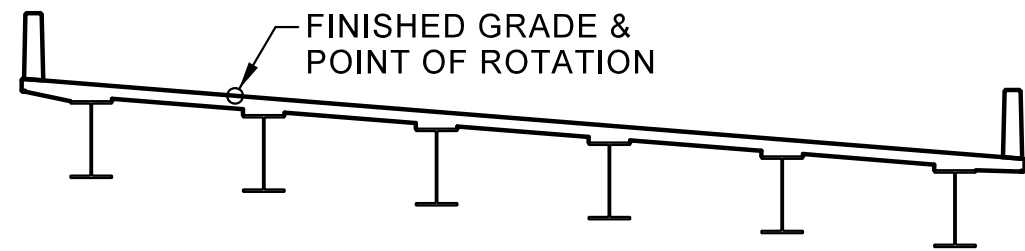
➔ DENOTES DIRECTION OF ONE LANE OF TRAFFIC
FOR ROADWAY DETAILS NOT SHOWN, SEE ROADWAY PLANS.

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'

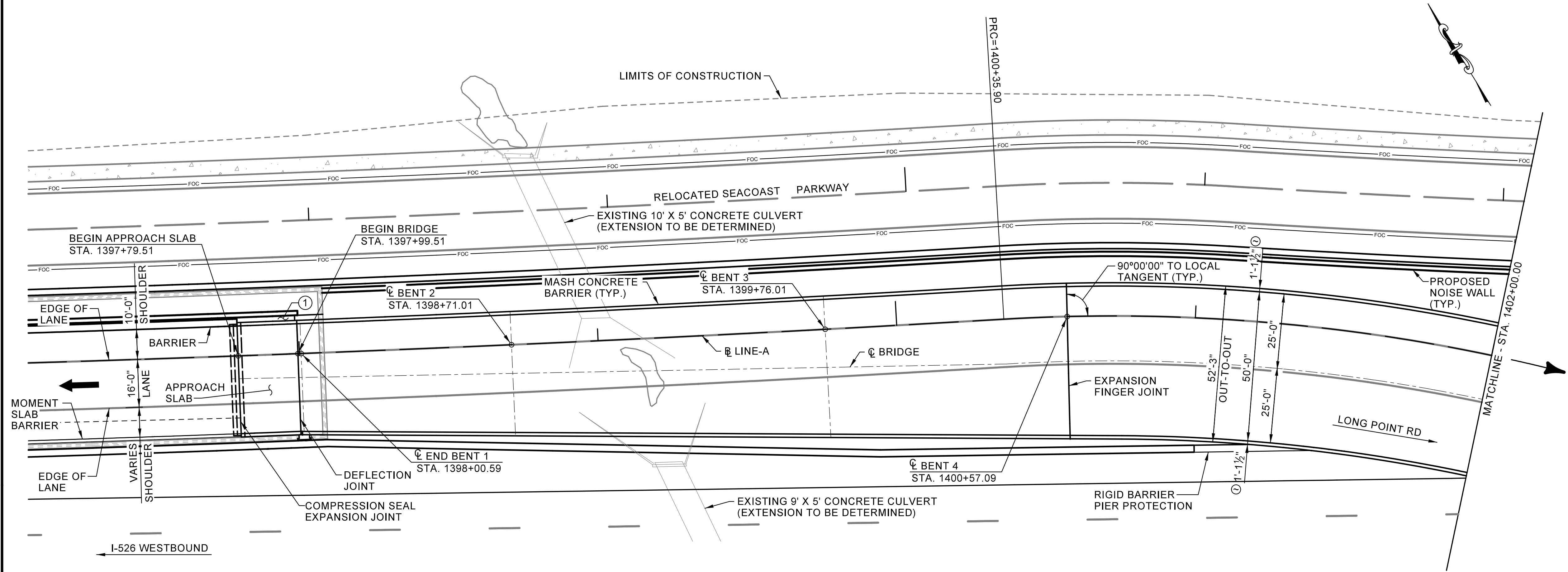
SUPERELEVATION		
STATION	LEFT	RIGHT
1397+79.42	-0.0400	0.0200
1398+19.74	-0.0200	0.0200
1398+79.00	0.0000	0.0000
1401+60.00	0.0800	-0.0800
1408+38.92	0.0800	-0.0800
1410+16.66	0.0200	-0.0200
1410+81.06	0.0200	-0.0200



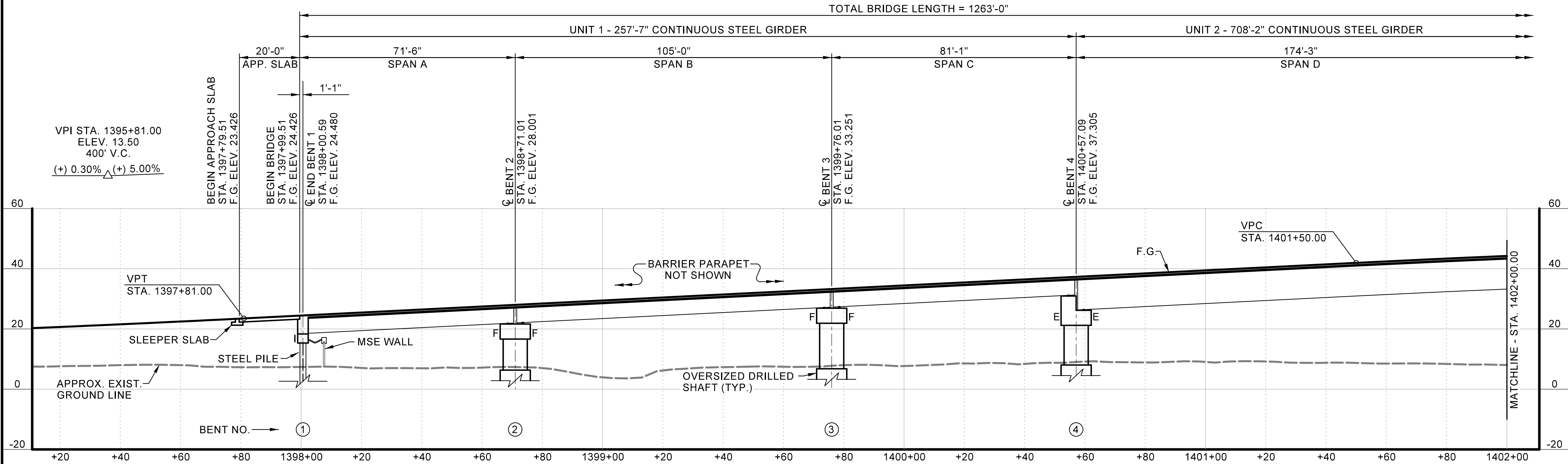
SUPERELEVATION DETAIL
POSITIVE IS UP AWAY FROM POINT OF ROTATION
NEGATIVE IS DOWN AWAY FROM POINT OF ROTATION

LEGEND:

E DENOTES EXPANSION
F DENOTES FIXED
I DENOTES INTEGRAL



PLAN



SECTION ALONG B LINE-A

CDM
Smith

NOT FOR
CONSTRUCTION

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

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
BRIDGE PLAN AND PROFILE (1 OF 3)	
COUNTY CHARLESTON	ROUTE I-526

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HANSONAB

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1402+00

1403+00

1404+00

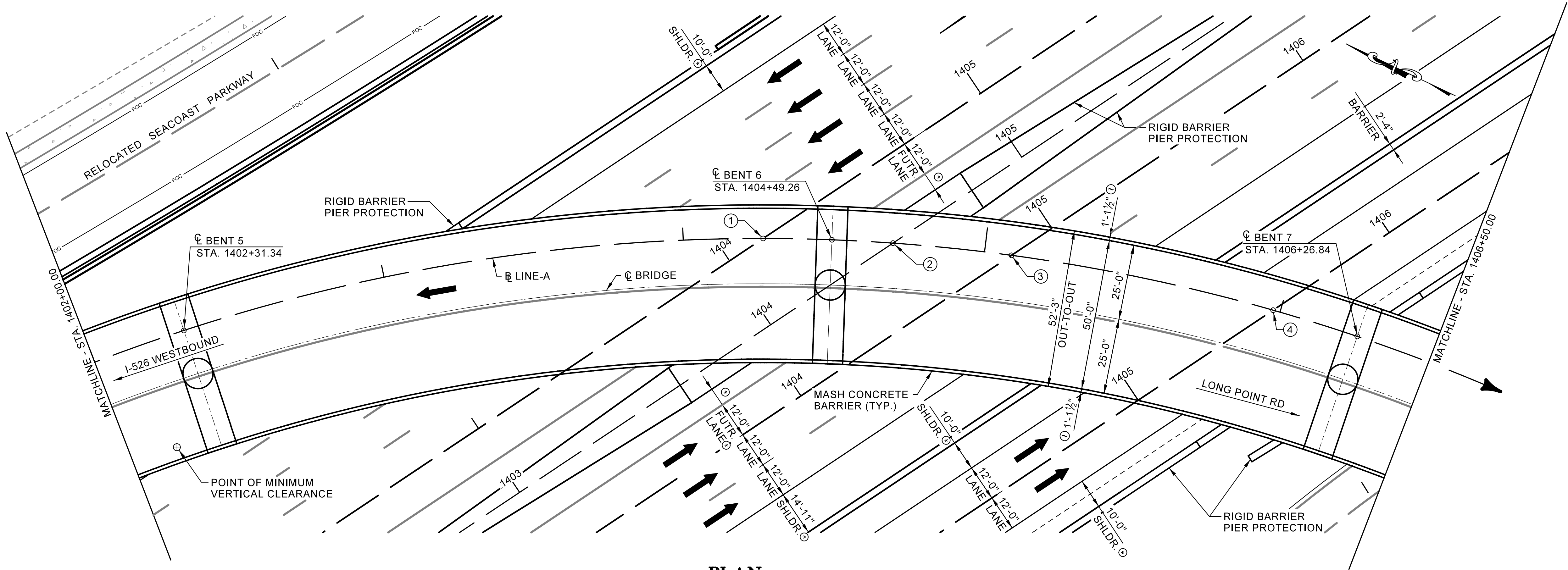
1405+00

1406+00

BRIDGE PLANS ID	SHEET NO.
P041314-B03	03

NOTES:

- ① DIMENSION INCLUDES 1'-0" CONCRETE BARRIER WITH 1½" 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 C LINE-3
- ⊙ RAMP SHOULDER: 10'-0" MINIMUM
MAINLINE OUTSIDE SHOULDER: 12'-0" MINIMUM
MAINLINE INSIDE SHOULDER: 10'-0" MINIMUM
FUTURE MAINLINE INSIDE SHOULDER: 6'-3" MINIMUM



PLAN

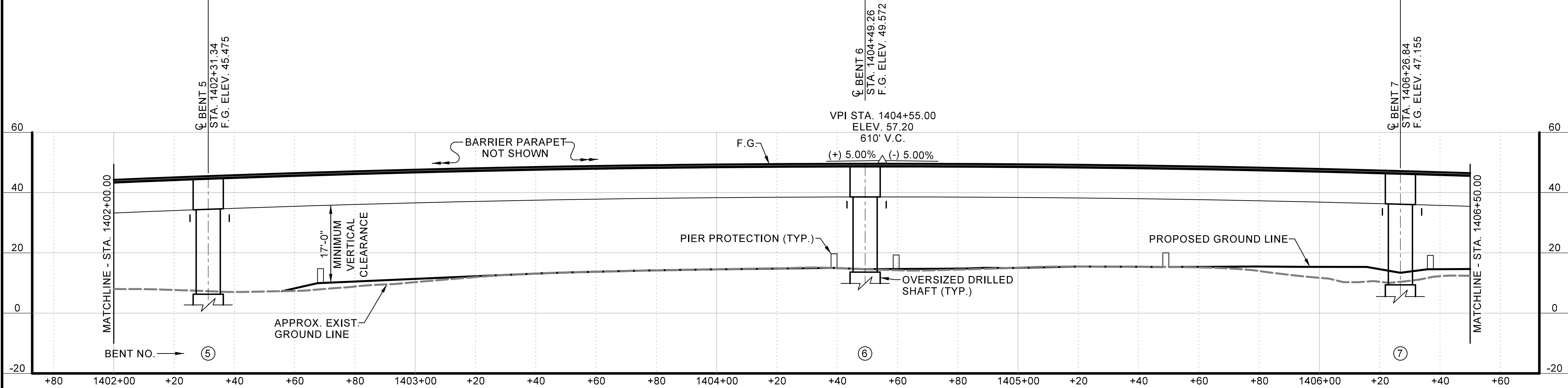
TOTAL BRIDGE LENGTH = 1263'-0"
UNIT 2 - 708'-2" CONTINUOUS STEEL GIRDER

174'-3"
SPAN D

217'-11"
SPAN E

177'-7"
SPAN F

138'-5"
SPAN G



SECTION ALONG B LINE-A

LEGEND:

E DENOTES EXPANSION
I DENOTES INTEGRAL

CDM
Smith

NOT FOR
CONSTRUCTION

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

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
BRIDGE PLAN AND PROFILE (2 OF 3)	
COUNTY CHARLESTON	ROUTE I-526

③ TIE EQUALITY
STA. 1406+84.13 LINE-A =
STA. 124+58.57 @ L-2118



VPI STA. 1411+30.50
ELEV. 23.43
320' V.C.
(-) 5.00% (-) 1.14%

**SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

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

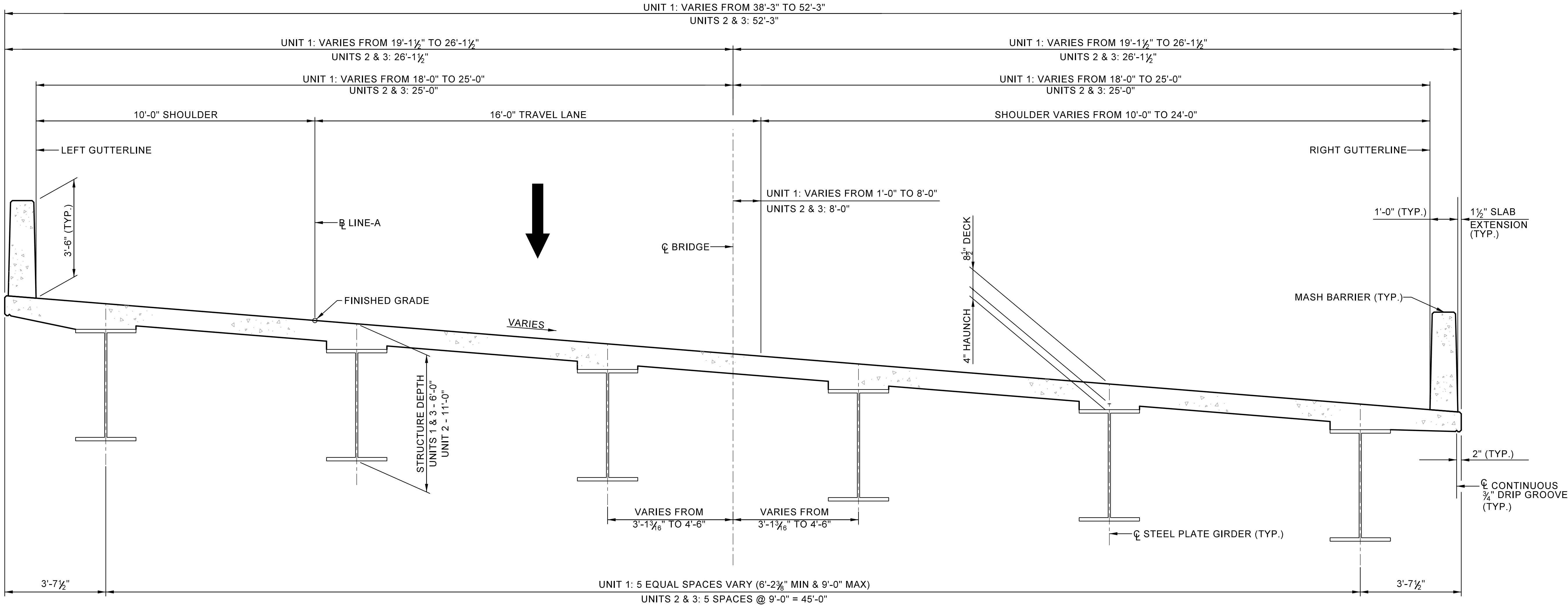
COUNTY CHARLESTON	ROUTE 1-526
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**NOT FOR
CONSTRUCTION**

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BRIDGE PLANS ID	SHEET NO.
P041314-B03	05



TYPICAL SECTION

LOOKING IN DIRECTION OF STATIONING
(DECK DRAINS NOT SHOWN)

**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	
TYPICAL SECTION	
COUNTY CHARLESTON	ROUTE I-526

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

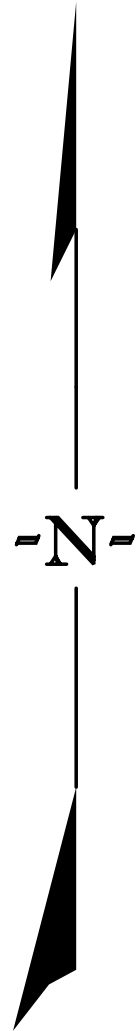


South Carolina Department of Transportation



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

SITE LOCATION



Approximate Location of Bridge is	
Latitude	32° - 50' - 35" N
Longitude	79° - 52' - 15" 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	0.176	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

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

BRIDGE DECK DRAINAGE NOT SHOWN.
SEE RFP FOR MINIMUM BRIDGE DRAINAGE
REQUIREMENTS.

Diagram illustrating the finished grade and point of rotation for the bridge deck. The diagram shows a cross-section of the bridge deck with a sloped top surface. A line indicates the finished grade, and a point on this line is labeled "FINISHED GRADE & POINT OF ROTATION".

POSITIVE IS UP AWAY FROM POINT OF ROTATION
NEGATIVE IS DOWN AWAY FROM POINT OF ROTATION

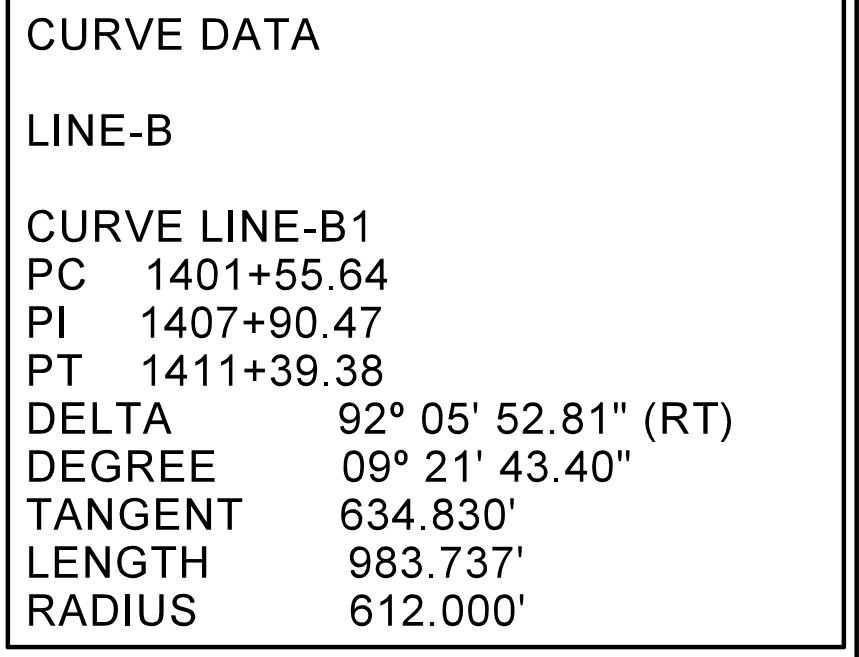
E DENOTES EXPANSION
F DENOTES FIXED
I DENOTES INTEGRAL



**NOT FOR
CONSTRUCTION**

ROUTE
I-526

17'-8" ACTUAL VERTICAL CLEARANCE
17'-0" REQUIRED MINIMUM CLERANCE



E DENOTES EXPANSION
F DENOTES FIXED
I DENOTES INTEGRAL



**NOT FOR
CONSTRUCTION**

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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

COUNTY CHARLESTON	ROUTE 1-526
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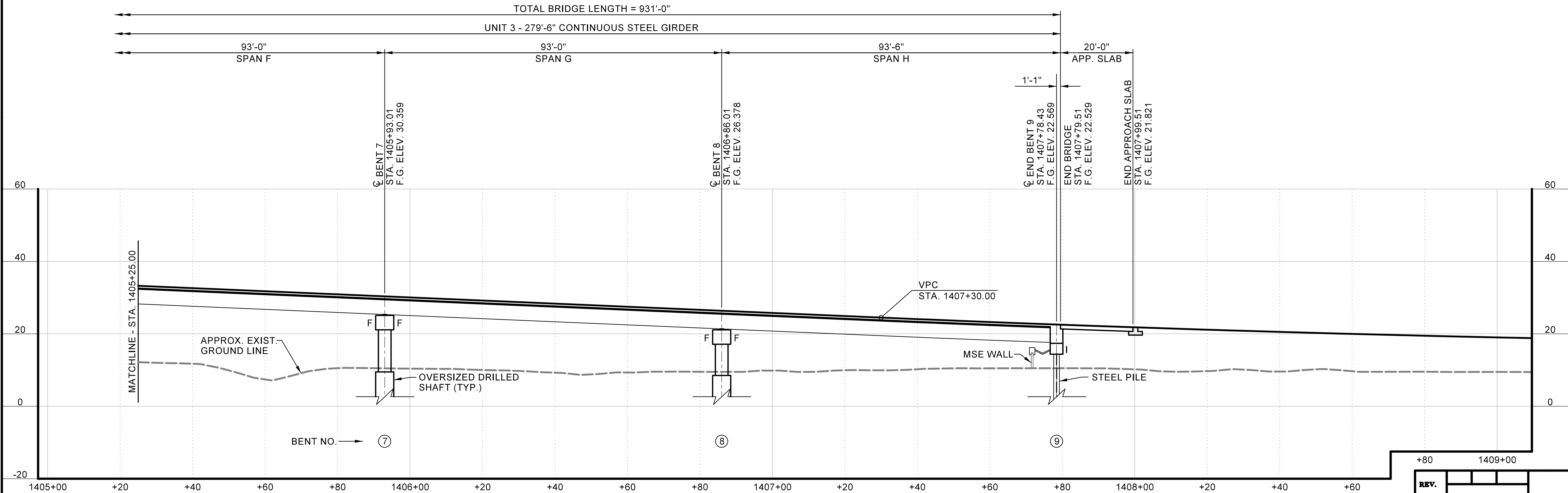
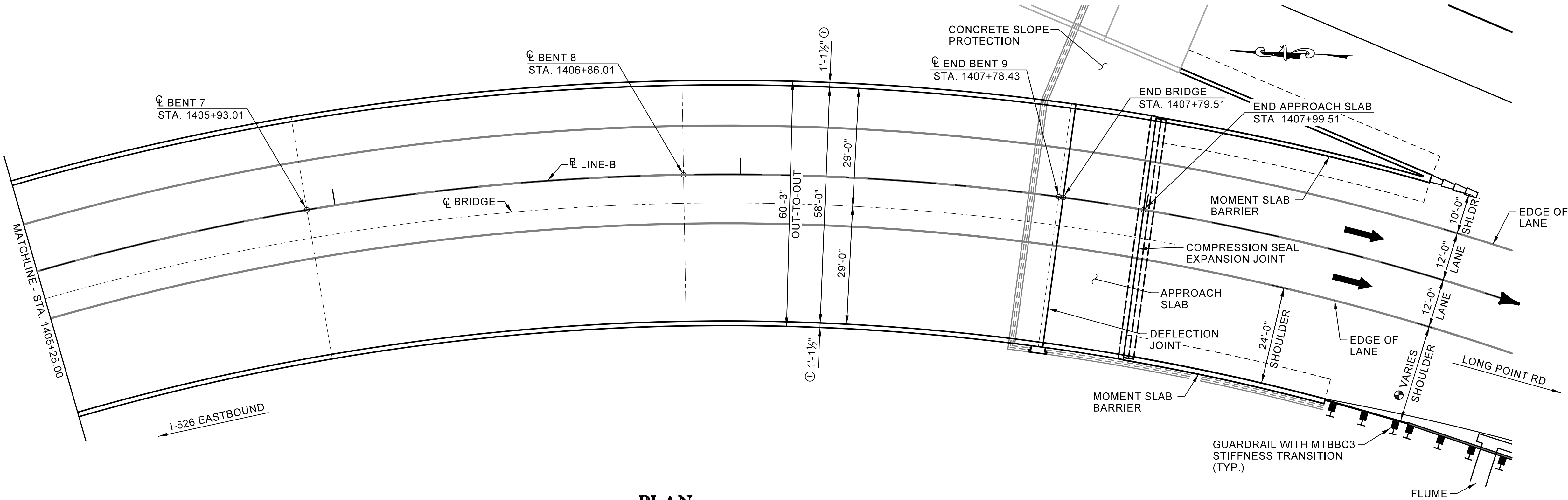
1407+00

1408+00

BRIDGE PLANS ID	SHEET NO.
P041314-B04	04

NOTES:

- ① DIMENSION INCLUDES 1'-0" CONCRETE BARRIER WITH 1½" 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.



LEGEND:

E DENOTES EXPANSION
F DENOTES FIXED
I DENOTES INTEGRAL

VPI STA. 1409+15.00
ELEV. 16.58
370' V.C.

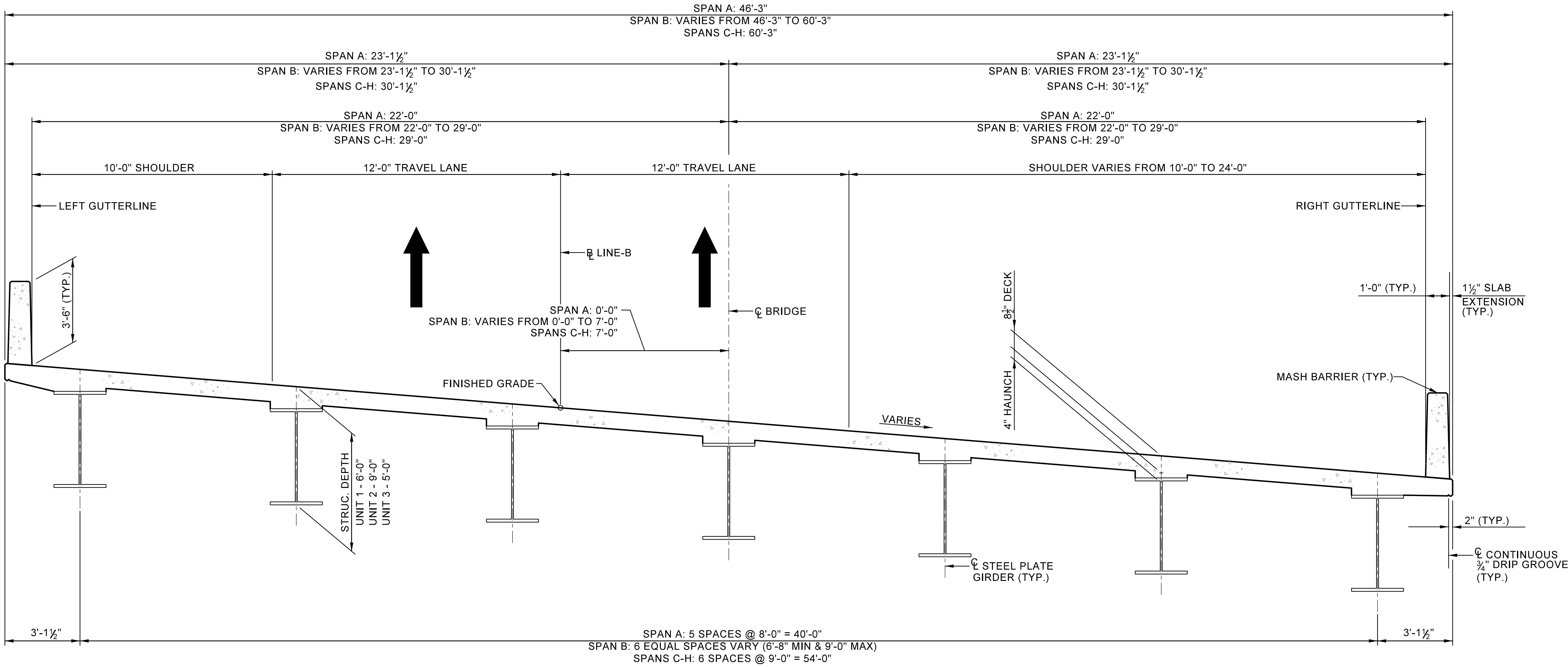
(-) 4.28% (+) 0.33%

CDM
Smith

NOT FOR
CONSTRUCTION

REV.			
REV.			
REV.			
REVIEWED	WSJ		
QUAN.			
DR.	AR	WSJ	02-23
DES.			
BY	CHL	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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ROMANA

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