



Burke Rd. (S-22) over Caw Caw Swamp



Cannon Bridge Rd. (S-39) over Cooper Swamp



Middle Willow Rd. (S-191) over Roberts Swamp



Indian Camp Rd. (S-458) over Indian Camp Branch



Deer Trail Rd. (S-634) over Cooper Swamp



Buffalo Pond Rd. (S-1210) over Tampa Creek

BRIDGE PACKAGE 32 DESIGN-BUILD PROJECT

Bamberg, Calhoun and Orangeburg Counties

Contract ID 5772040

March 12, 2025



TRANSYSTEMS

SCDOT Bridge Package 32 Design-Build Project

Contract ID 5772040

Technical Proposal Narrative

Our design-build team for SCDOT Bridge Package 32 consists of Crowder Construction Company as the Prime Contractor and TranSystems Corporation as the Design Engineer. Our design approach focuses on balancing schedule and cost to facilitate early utility relocations, material procurement, and construction activities together with producing design and plans. Our approach provides low-maintenance replacement bridges with superstructure and substructure types in full compliance with RFP requirements. Per the Final RFP, we request our technical concept plans included within to be considered the preliminary submittal for each site.

Project Delivery: The Crowder/TranSystems team will design and manage the project from Crowder's Heavy Civil Division Office in Charlotte, NC, and from TranSystems' Charleston, SC, office. The team is centrally located to the site, SCDOT headquarters, and the District Offices, allowing for effective communication, planning, and collaboration through virtual meetings and face-to-face meetings, when required. Immediately following the public announcement, Crowder will execute design subcontracts and initiate the design process. TranSystems will perform bridge, seismic, roadway, and hydro/hydraulic design, with Insight Group performing geotechnical services, and Telics providing utility coordination services. Due to the accelerated schedule, TranSystems has committed multiple designers for bridge, roadway, and hydro disciplines for the first four months of the project to complete all six site's plans and reports. TranSystems plans on submitting combined road and bridge submittals as one package and proceeding straight to Final Submittal for all six sites. TranSystems will start immediately on the production of final bridge and roadway plans upon the public announcement of the selected team on March 13, 2025, and expects to submit the first Final Submittal Package within one month of award, and subsequent packages approximately every 2 weeks thereafter for each new Final Submittal. Any comments received from the Department on the conceptual plans within the technical proposal will be incorporated into the final submittals. Prior to beginning any construction activities, permanent or temporary, the Traffic Management plans for the entire project shall be submitted to and approved by SCDOT. Since all six sites are currently closed, Crowder will begin any upfront work where possible. Utility coordination and the required clearing and grubbing will begin immediately to prevent delays, expedite relocation work, and allow road and bridge work to proceed promptly. Silt fence, seeding of slopes and ditches, and other necessary erosion control BMP's will precede any construction work after the NOI has been approved per site. To expedite new bridge construction, shop drawings such as the Armor Plates, Cored Slabs, and Precast Piles will be developed concurrently with the final road and bridge design documents, so that these shop drawings may be submitted directly behind the RFC road and bridge drawings. This will allow Crowder to start installing pile foundations as soon as possible. After substructure installation, superstructure installation will follow, and sites will finish with roadway tie-ins.

SCDOT Bridge Package 32 Design-Build Project

Contract ID 5772040

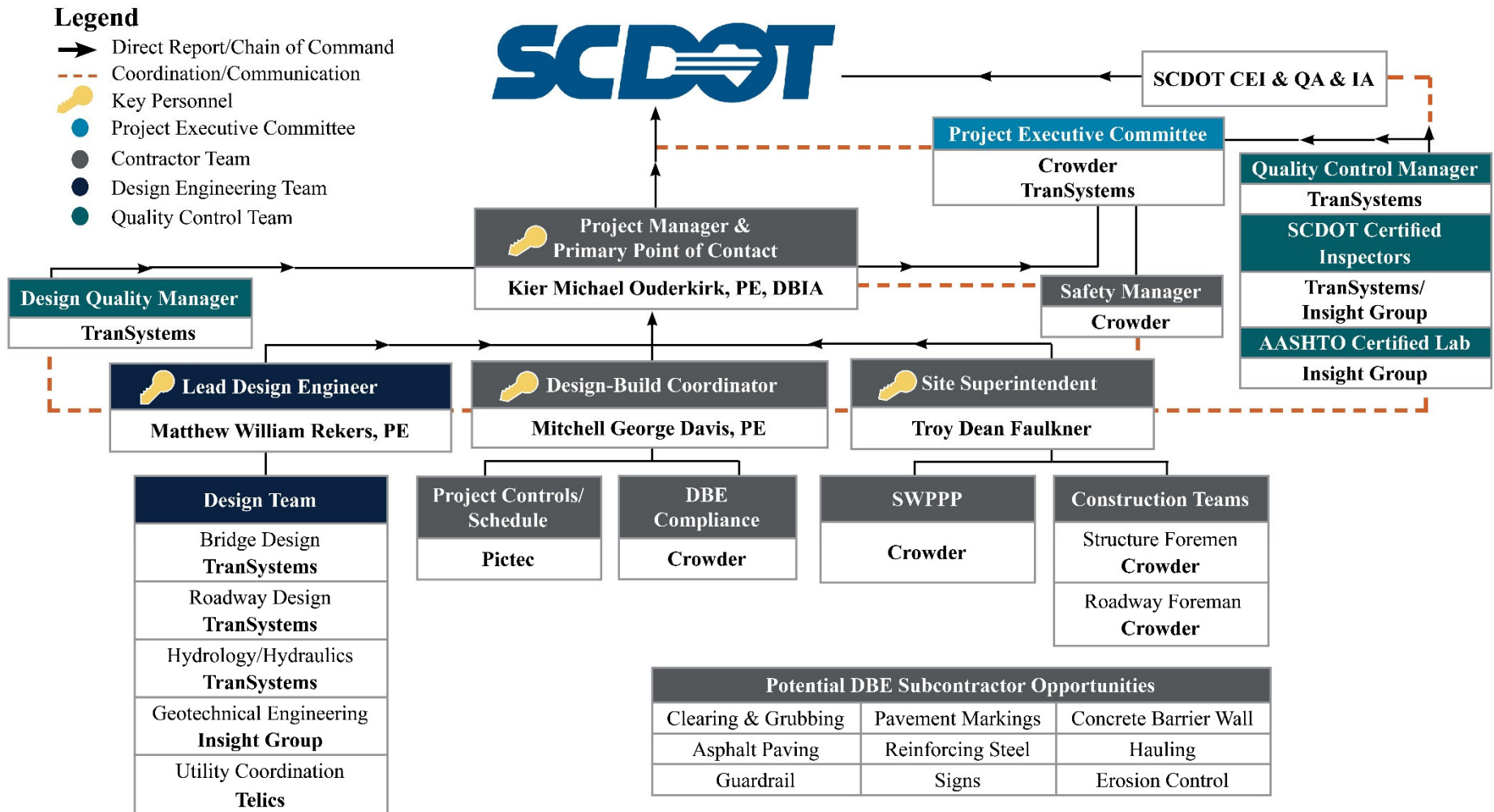
Project Approach: The Crowder/TranSystems team understands starting construction is dependent on design submittals and permitting. Early construction activities are planned to provide the groundwork for bridge and roadway construction. Crowder will mobilize adequate construction equipment and dedicate an appropriate number of field personnel. At times, multiple crews will be working concurrently. All work items can either be self-performed or performed by a subcontractor with whom Crowder has an established relationship with, which will ensure that the work progresses smoothly and expeditiously. Crowder plans to work a minimum of five 10-hour days and utilize multiple crews as needed. Crowder will develop a cost loaded project schedule which will include all construction activities and materials delivery and establish the critical risk components to stay abreast and manage the schedule, effectively mitigating the risk of schedule delays. The master schedule will include subcontractor schedules and Crowder will communicate often with subcontractors and suppliers to maintain an expedited completion of this project. The Crowder team understands the requirements of the RFP and has planned for and committed staff and equipment to complete the project within the required timeline.

Project Manager Kier Ouderkirk, PE, DBIA, will be the primary person in charge of the project. He will report directly to SCDOT and Executive Management and be available for regular meetings with the Department throughout the project. He will have authority and responsibility for issue resolution and will routinely review the project controls to assure quality and overall success of the project. Kier will work closely with the Design Manager throughout the design process to ensure all design elements are constructible and the overall project is delivered on schedule. Kier's involvement in Package 29 construction will be wrapping up during the design of Package 32. He will have availability to meet during Package 32 design and will have full availability by the beginning of construction of Package 32 sites. **Superintendent Troy Faulkner** will oversee all construction including management of field supervisors and subcontractors at the multiple project sites. He will attend all progress meetings and will be solely dedicated to the construction of this project. **Design Build Coordinator Mitchell Davis, PE**, will assist with coordination between the design team and construction team and will additionally provide constructability reviews during design. **Design Manager Engineer Matthew Rekers, PE**, will be responsible for all aspects of design. He will ensure that adequate staff are involved through the design phase to ensure that all design submittals meet the Submittal 000 Design Schedule Reviews schedule and are in accordance with RFP and SCDOT standards. Matthew will develop the quality control plan for the project and coordinate with the dedicated Quality Manager, who will review plans, calculations, and reports at each project milestone.

SCDOT Bridge Package 32 Design-Build Project

Contract ID 5772040

The following organizational chart highlights the staff Crowder and TranSystems will commit to this project.

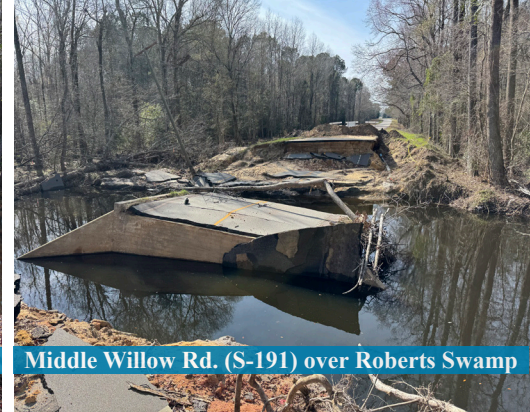




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Buffalo Pond Rd. (S-1210) over Tampa Creek

Appendix A



TRANSYSTEMS

A.1 CONCEPTUAL ROADWAY PLANS

INDEX OF SHEETS		
SHEET NO.	DESCRIPTION	SHEET SUBTOTALS
1	TITLE SHEET	1
2	TYPICAL SECTIONS	1
3	PLAN AND PROFILE SHEETS	1
TOTAL		3



DESIGN BY:					
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	SHEET NO.	TOTAL SHEETS
3	S.C.	CALHOUN	P044267	1	3

Hydraulic Design Reference for these plans is the:

2009

Edition of SCDOT's "Requirements for Hydraulic Design Studies"

Design Reference for these plans is the:

2021

SCDOT Roadway Design Manual

NPDES PERMIT INFORMATION	
Disturbed Area = _____	Acre(s)
Project Area = _____	Acre(s)
Approximate Location of Roadway is:	
Begin	
Latitude	33°37'21" N
Longitude	80°53'22" W
End	
Latitude	33°37'24" N
Longitude	80°53'19" W
Hydraulic and NPDES Design provided by:	
TRANSYSTEMS	
Designs may be obtained from the SCDOT Regional Production Group	

PROJECT ID P044267
S-22 (BURKE ROAD)
BRIDGE REPLACEMENT OVER CAW CAW SWAMP

CONSTRUCT 120.00' X 40.25' REINFORCED CONCRETE BRIDGE
STA. 110+89.00 - STA. 112+09.00
(SEE BRIDGE PLANS)

SURVEY STA. 108+75.00
BEGIN PROJECT
PROJ. ID P044267 S-22

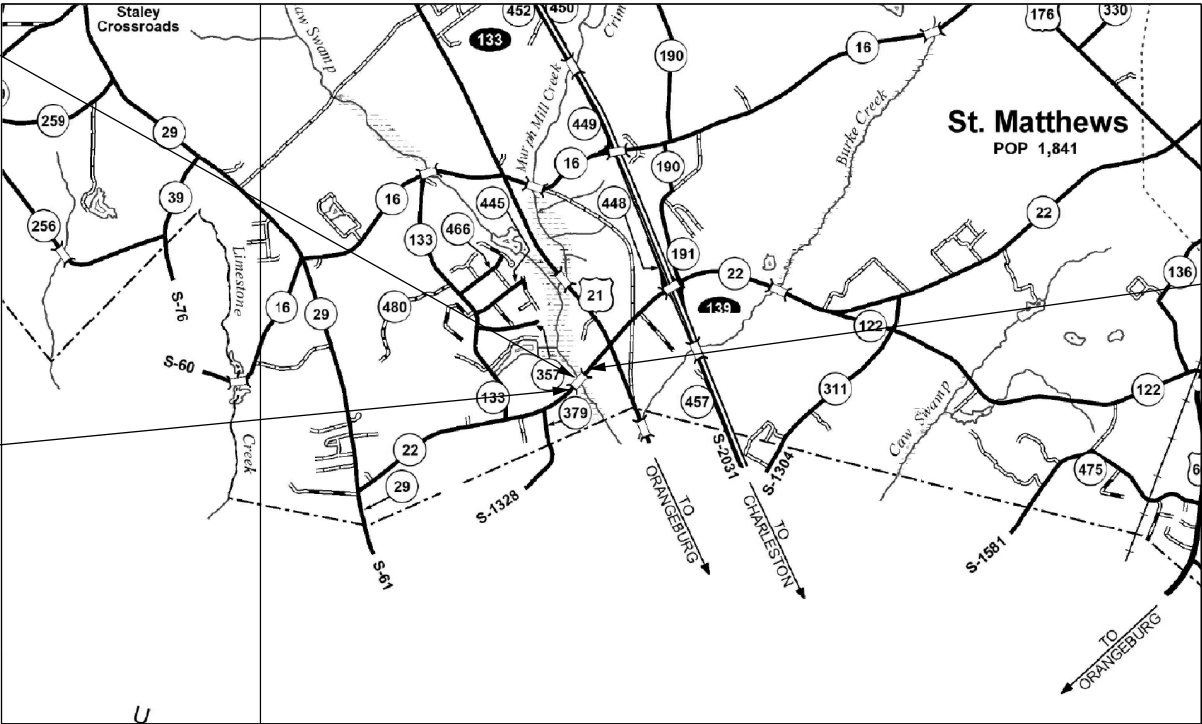
NOTE:
BRIDGE PLANS BOUND UNDER A SEPARATE COVER

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

RAILROAD INVOLVEMENT?
YES **(NO)**

TRAFFIC DATA

2025	ADT	3,400
2045	ADT	4,200
TRUCKS	9	%



LAYOUT

CALHOUN COUNTY MAP

NTS

	ROAD S-22	TOTAL PROJECT
NET LENGTH OF ROADWAY	0.081 MILES	0.081 MILES
NET LENGTH OF BRIDGES	0.022 MILES	0.022 MILES
NET LENGTH OF PROJECT	0.103 MILES	0.103 MILES
LENGTH OF EXCEPTIONS	0.000 MILES	0.000 MILES
GROSS LENGTH OF PROJECT	0.103 MILES	0.103 MILES

EQUALITIES IN STATIONING

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 (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF FINAL RFP.



CONTRACTOR

CROWDER

6409 BROOKSHIRE BLVD.
CHARLOTTE, NC 28216
PHONE 800-422-8184
FAX 704-372-9946
WWW.CROWDERUSA.COM

CONCEPTUAL PLANS

CONSULTING ENGINEERING FIRM

TRANSYSTEMS

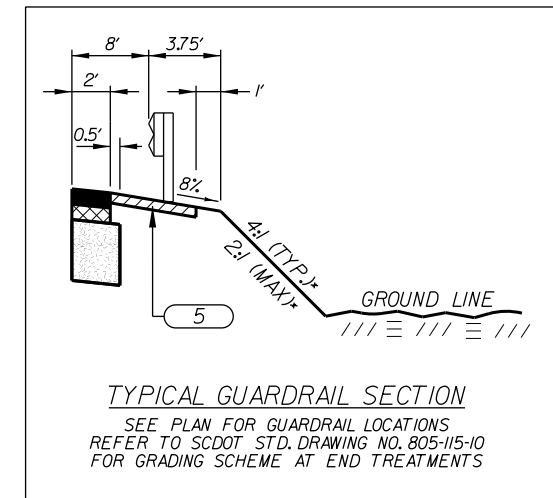
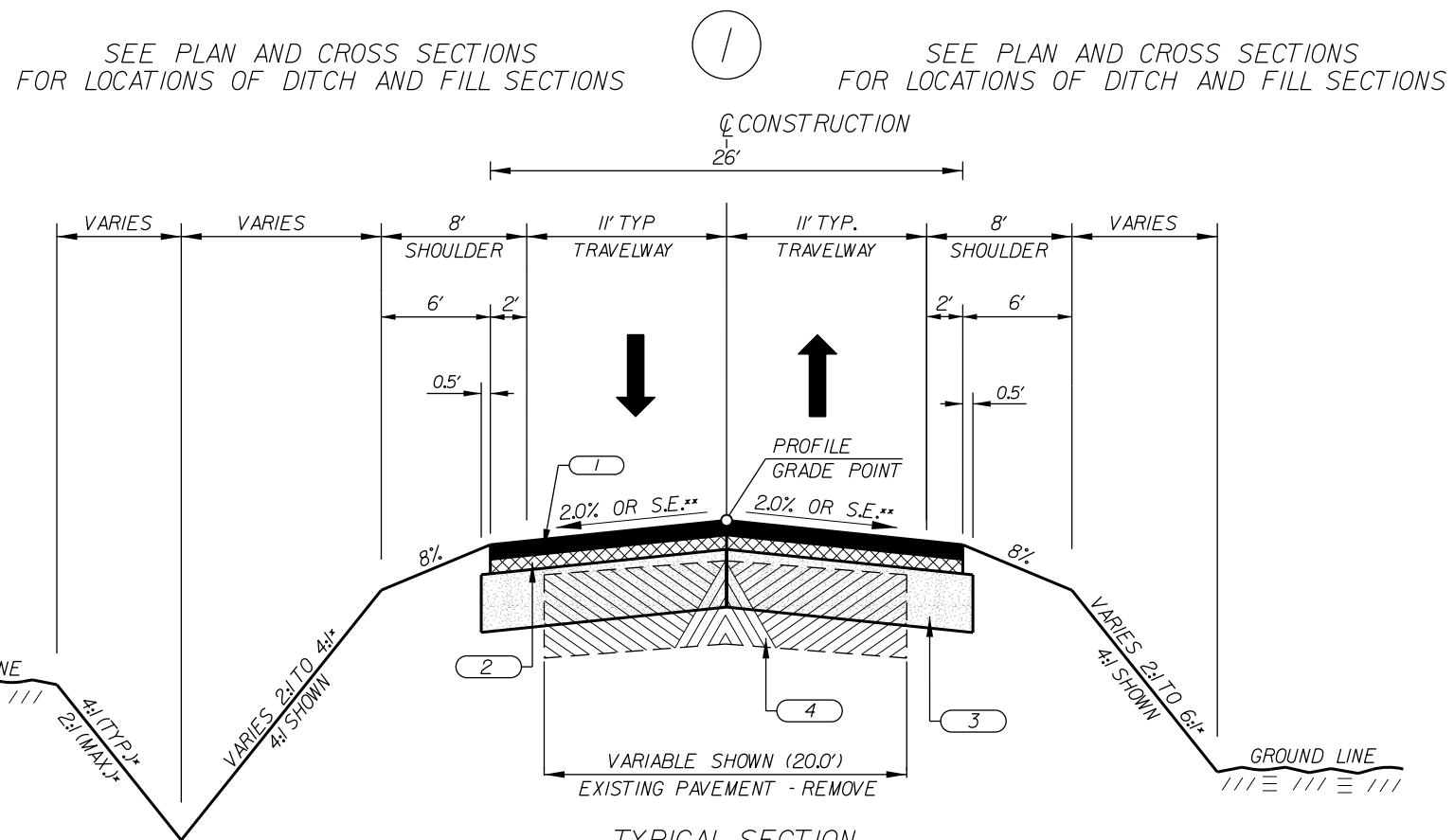
1859 SUMMERVILLE AVE, SUITE 600
CHARLOTTE, NC 29405
PHONE 843-266-9300
FAX 843-628-7718
WWW.TRANSYSTEMS.COM



DESIGN BY:

TRANSYSTEMS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	CALHOUN	P044267	S-22	2








THIS SLOPE MAY BE VARIED WHEN A DEEPER DITCH IS NECESSARY FOR DRAINAGE PURPOSES, USING A MINIMUM SLOPE OF 12.5:1 AND A MAXIMUM SLOPE OF 4:1 WHERE A DEEPER DITCH THAN PROVIDED BY A 4:1 IS NECESSARY, THE DITCH SHALL BE PLACED FARTHER FROM THE CL CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES.

NOTE:
USE SILT FENCE AT TOE OF ALL FILL SLOPES PER STANDARD
DRAWING NO.815-605-00

NOTE:
CONSTRUCT 120.00' X 40.25' REINFORCED CONCRETE BRIDGE
FROM: STA. 110+89.00 TO: STA. 112+09.00

NOTE:
CONTRACTOR IS TO REMOVE ALL EXISTING PAVEMENT FROM
STA.109+50.00 TO STA.114+00.00

	HOT MIX ASPHALT SURFACE COURSE TYPE C (175 LBS./S.Y.)
	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE C (200 LBS./S.Y.)
	HOT MIX ASPHALT BASE COURSE TYPE A (850 LBS./S.Y.)
	EXISTING PAVEMENT (TO BE REMOVED)
	4" HOT MIX ASPHALT SURFACE COURSE (NON-MOW STRIP)

RTE. S-22		DESIGN SPEED
MPH	FROM STA.	TO STA.
50	109+50.00	114+00.00
EXCEPTIONS TO DESIGN SPEED		



CROWDER
6409 BROOKSHIRE BLVD.
CHARLOTTE, NC 28216
PHONE 800-422-8184
FAX 704-372-9946
WWW.CROWDERUSA.COM

TRANSYSTEMS

1859 SUMMERVILLE AVENUE, SUITE 600
CHARLESTON, SC 29405
PHONE (843) 266-9300
FAX (843) 529-9616
WWW.TRANSYSTEMS.COM

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROAD DESIGN COLUMBIA, S.C.

TYPICAL SECTION

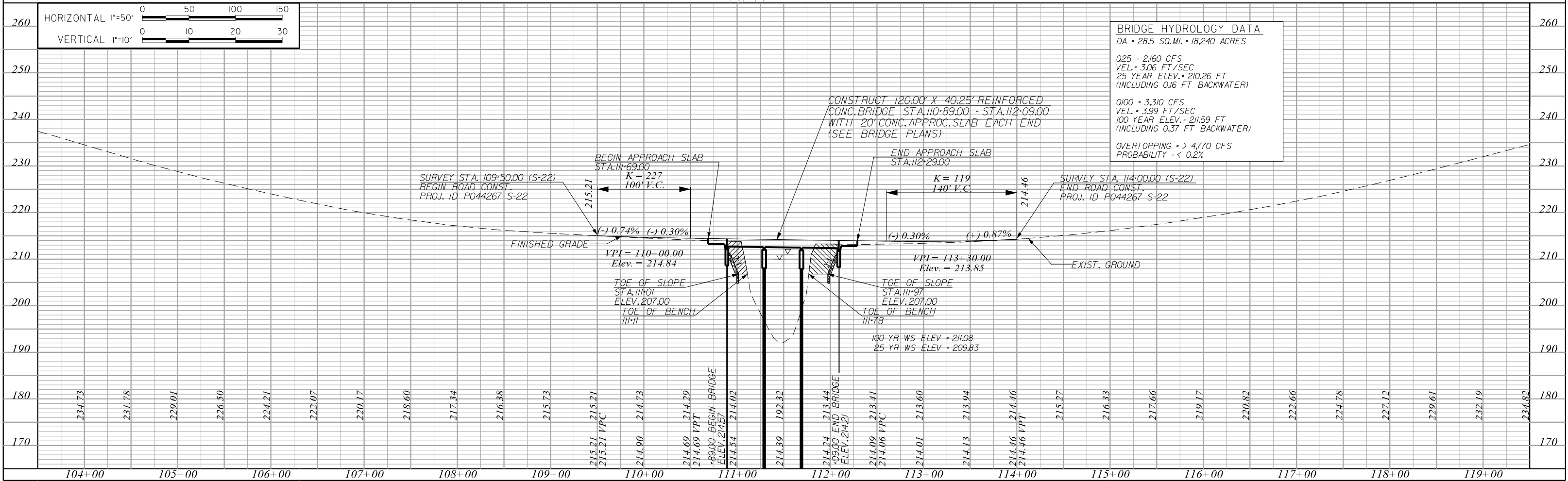
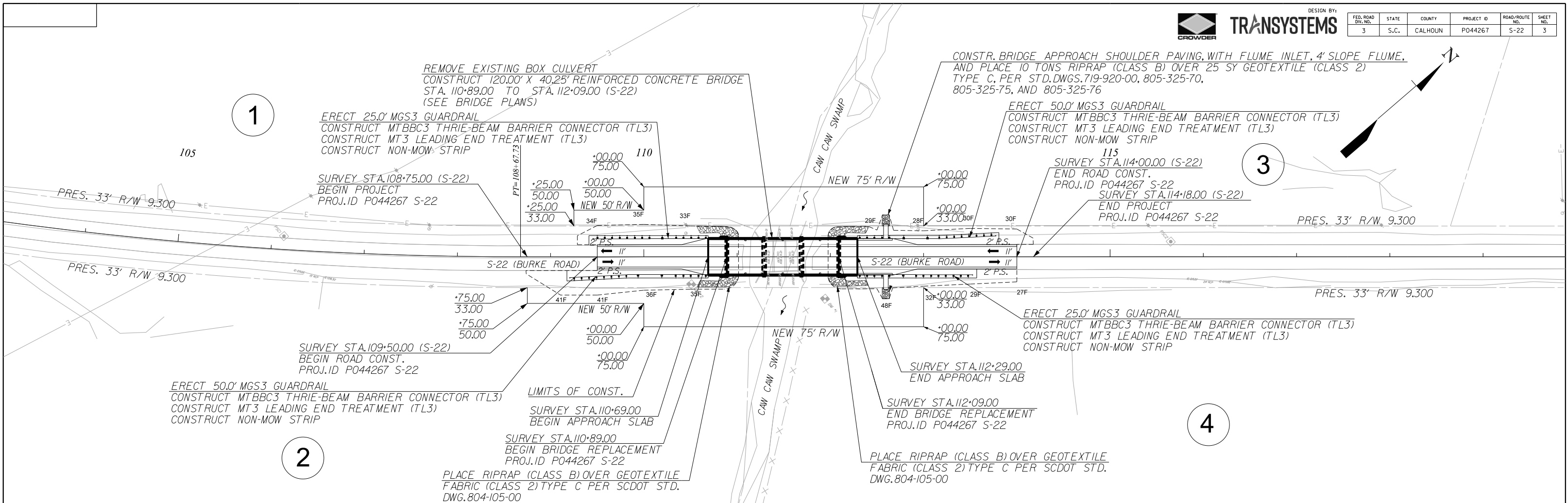
NOT TO SCALE RTE./RD. S-22



TRANSYSTEMS

DESIGN BY:

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	CALHOUN	P044267	S-22	3



INDEX OF SHEETS		
SHEET NO.	DESCRIPTION	SHEET SUBTOTALS
1	TITLE SHEET	1
2	TYPICAL SECTIONS	1
3	PLAN AND PROFILE SHEETS	1
TOTAL		3



DESIGN BY: TRANSYSTEMS					
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	SHEET NO.	TOTAL SHEETS
3	S.C.	ORANGEBURG	P044268	1	3

Hydraulic Design Reference for these plans is the:

2009

Edition of SCDOT's "Requirements for Hydraulic Design Studies"

Design Reference for these plans is the:

2021

SCDOT Roadway Design Manual

NPDES PERMIT INFORMATION	
Disturbed Area = _____	Acre(s)
Project Area = _____	Acre(s)
Approximate Location of Roadway is:	
Begin	
Latitude	33°20'56" N
Longitude	80°54'45" W
End	
Latitude	33°20'57" N
Longitude	80°54'42" W
Hydraulic and NPDES Design provided by:	
TRANSYSTEMS	
Designs may be obtained from the SCDOT Regional Production Group	

TECHNICAL PROPOSAL PLANS
FOR
ORANGEBURG COUNTY

PROJECT ID P044268
S-39 (CANNON BRIDGE ROAD)
BRIDGE REPLACEMENT OVER COOPER SWAMP

CONSTRUCT 80.00' X 36.00' PRESTRESSED CONCRETE BRIDGE
STA. 35+47.00 - STA. 36+27.00
(SEE BRIDGE PLANS)

SURVEY STA. 32+80.00
BEGIN PROJECT
PROJ. ID P044268 S-39

SURVEY STA. 39+00.00
END PROJECT
PROJ. ID P044268 S-39

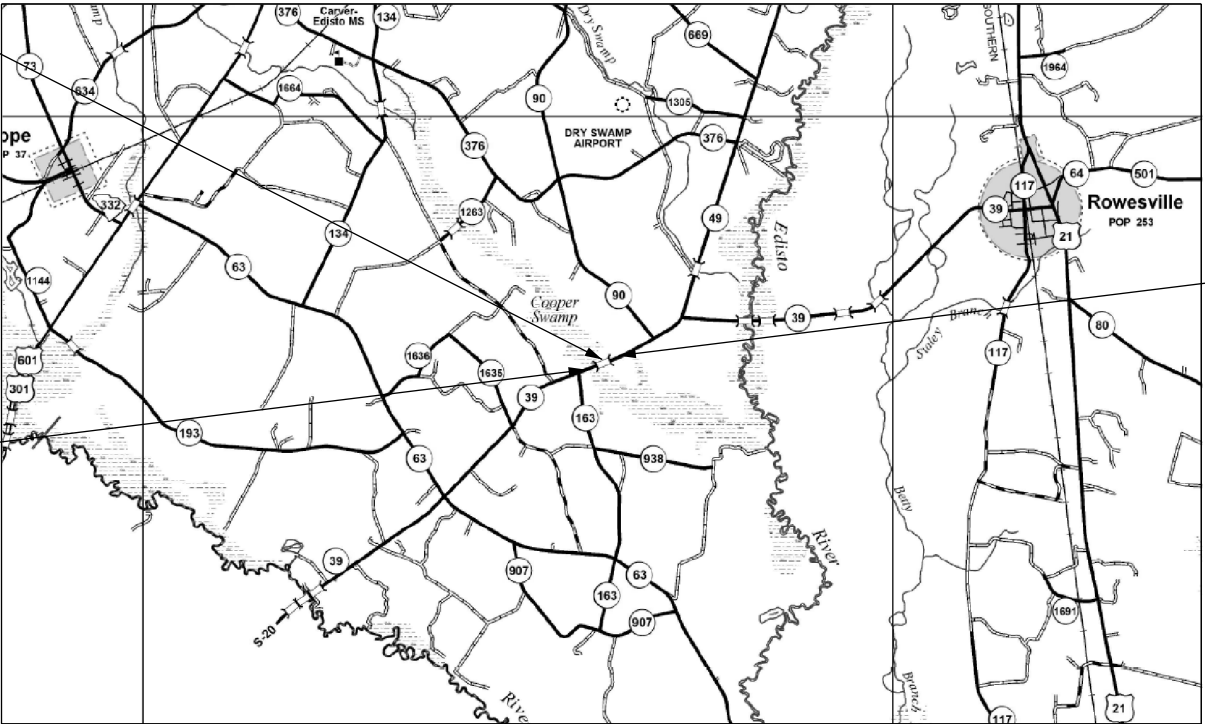
NOTE:
BRIDGE PLANS BOUND UNDER A SEPARATE COVER

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

RAILROAD INVOLVEMENT?
YES ☒ NO

TRAFFIC DATA

2025	ADT	1,250
2045	ADT	1,550
TRUCKS	12	%



LAYOUT

ORANGEBURG COUNTY MAP

NTS

	ROAD S-39	TOTAL PROJECT
NET LENGTH OF ROADWAY	0.102 MILES	0.102 MILES
NET LENGTH OF BRIDGES	0.015 MILES	0.015 MILES
NET LENGTH OF PROJECT	0.117 MILES	0.117 MILES
LENGTH OF EXCEPTIONS	0.000 MILES	0.000 MILES
GROSS LENGTH OF PROJECT	0.117 MILES	0.117 MILES

EQUALITIES IN STATIONING

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 (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF FINAL RFP.

CONTRACTOR

6409 BROOKSHIRE BLVD.
CHARLOTTE, NC 28216
PHONE 800-422-8184
FAX 704-372-9946
WWW.CROWDERUSA.COM

CONCEPTUAL PLANS

CONSULTING ENGINEERING FIRM

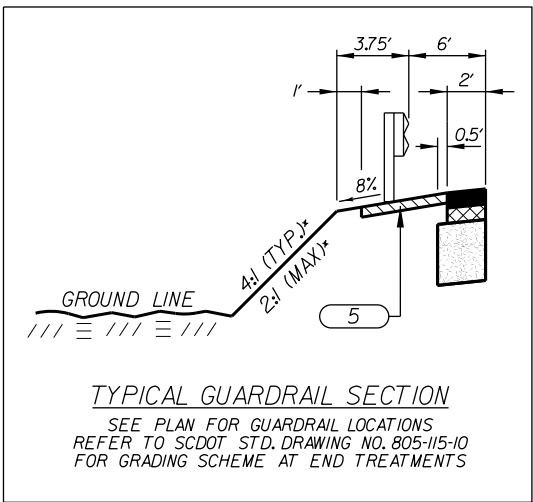
1859 SUMMERVILLE AVE, SUITE 600
CHARLESTON, SC 29405
PHONE 843-266-9300
FAX 843-628-7718
WWW.TRANSYSTEMS.COM

TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.



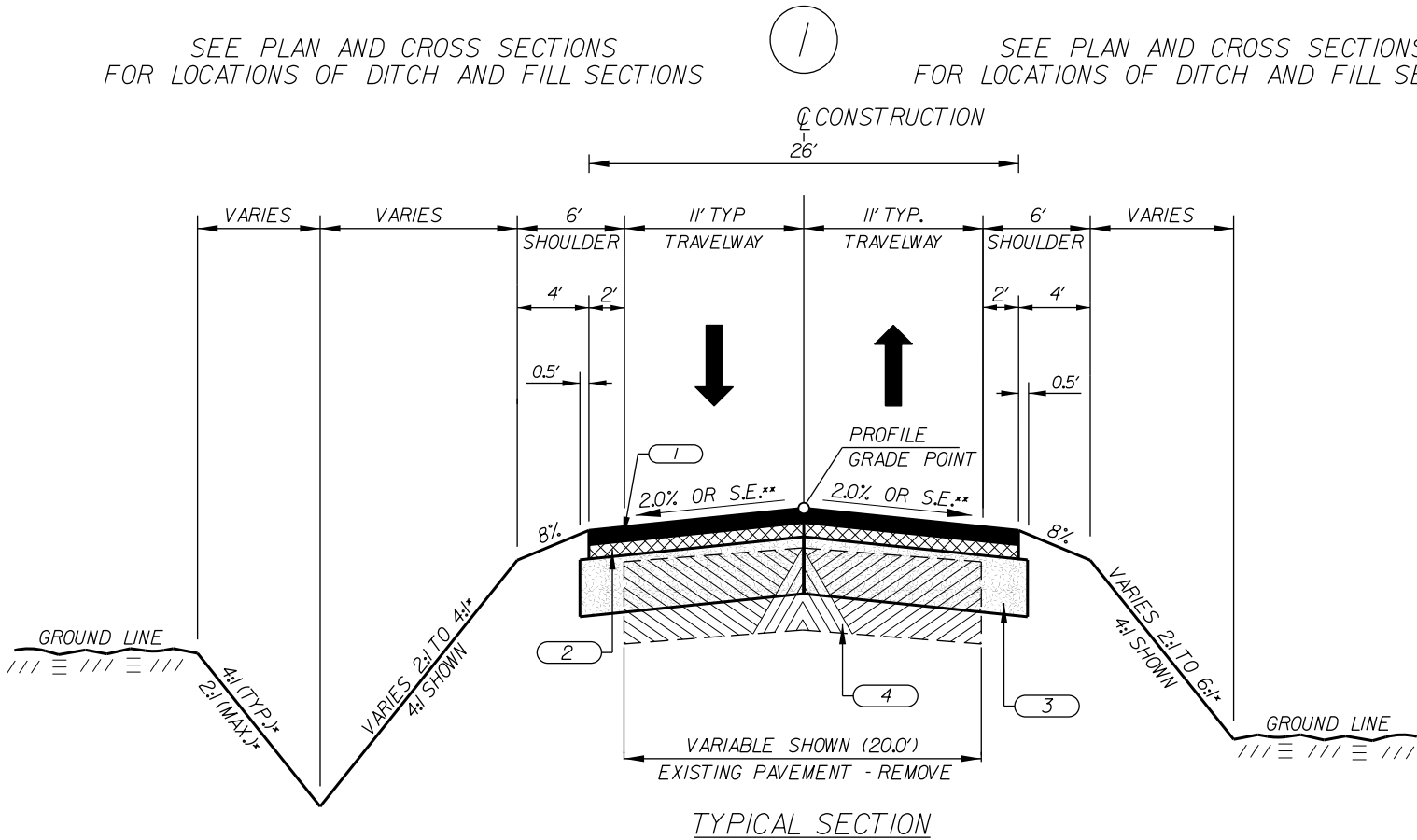
DESIGN BY:
TRANSYSTEMS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	ORANGEBURG	P044268	S-39	2



SEE PLAN AND CROSS SECTIONS
FOR LOCATIONS OF DITCH AND FILL SECTIONS

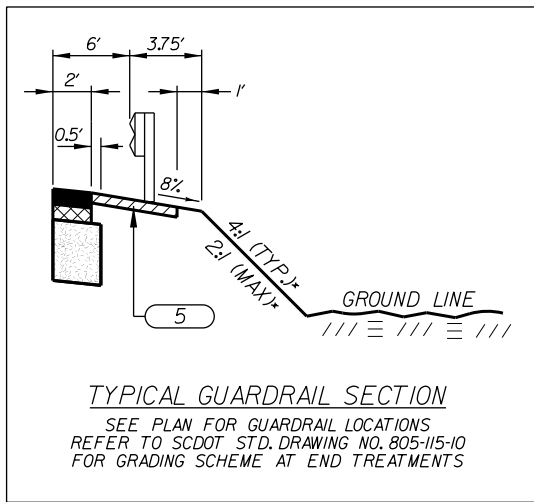
SEE PLAN AND CROSS SECTIONS
FOR LOCATIONS OF DITCH AND FILL SECTIONS



TYPICAL SECTION

FULL RECONSTRUCTION

RD. S-39 (MIDDLE WILLOW ROAD)
STA. 34+50.00 TO STA. 35+07.00
&
STA. 36+49.00 TO STA. 37+15.00



SECTION NOTES:

- * THIS SLOPE MAY BE VARIED WHEN A DEEPER DITCH IS NECESSARY FOR DRAINAGE PURPOSES, USING A MINIMUM SLOPE OF 12.5:1 AND A MAXIMUM SLOPE OF 4:1. WHERE A DEEPER DITCH THAN PROVIDED BY A 4:1 IS NECESSARY, THE DITCH SHALL BE PLACED FARTHER FROM THE CL CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES

NOTE:
6:1 SLOPE 0'-5' FILL HEIGHT
4:1 SLOPE >5'-10' FILL HEIGHT
2:1 SLOPE >10' FILL HEIGHT AND AT BRIDGE ENDS

- ** SEE CROSS SECTIONS FOR SUPERELEVATION DETAILS.

NOTE:
USE SILT FENCE AT TOE OF ALL FILL SLOPES PER STANDARD DRAWING NO. 815-605-00

NOTE:
CONSTRUCT 80.00' X 36.00' PRESTRESSED CONCRETE BRIDGE FROM: STA. 35+47.00 TO: STA. 36+27.00

NOTE:
CONTRACTOR IS TO REMOVE ALL EXISTING PAVEMENT FROM STA. 34+50.00 TO STA. 37+15.00

LEGEND

- | | |
|---|--|
| 1 | HOT MIX ASPHALT SURFACE COURSE TYPE D (150 LBS./S.Y.) |
| 2 | HOT MIX ASPHALT INTERMEDIATE COURSE TYPE C (200 LBS./S.Y.) |
| 3 | HOT MIX ASPHALT BASE COURSE TYPE B (450 LBS./S.Y.) |
| 4 | EXISTING PAVEMENT (TO BE REMOVED) |
| 5 | 4" HOT MIX ASPHALT SURFACE COURSE (NON-MOW STRIP) |

S-39 (CANNON BRIDGE RD) - RURAL MAJOR COLLECTOR

RTE. S-39 DESIGN SPEED		
MPH	FROM STA.	TO STA.
60	34+50.00	37+15.00
EXCEPTIONS TO DESIGN SPEED		

CONTRACTOR



6409 BROOKSHIRE BLVD.
CHARLOTTE, NC 28216
PHONE 800-422-8184
FAX 704-372-9946
WWW.CROWDERUSA.COM

CONSULTING ENGINEERING FIRM

TRANSYSTEMS

1859 SUMMERVILLE AVENUE, SUITE 600
CHARLESTON, SC 29405
PHONE (843) 266-9300
FAX (843) 528-9616
WWW.TRANSYSTEMS.COM

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROAD DESIGN COLUMBIA, S.C.

TYPICAL SECTION

NOT TO SCALE RTE./RD. S-39

REMOVE EXISTING BOX CULVERT
CONSTRUCT 80.00' X 36.00' PRESTRESSED CONCRETE BRIDGE
STA. 35+47.00 TO STA. 36+27.00 (S-39)
(SEE BRIDGE PLANS)

PLACE RIPRAP (CLASS B) OVER GEOTEXTILE
FABRIC (CLASS 2) TYPE C PER SCDOT STD.
DWG. 804-105-00

SURVEY STA. 35+47.00
BEGIN BRIDGE REPLACEMENT
PROJ. ID P044268 S-39

SURVEY STA. 35+27.00
BEGIN APPROACH SLAB

ERECT 12.5' MGS3 GUARDRAIL
CONSTRUCT MTBBC3 THRIE-BEAM BARRIER CONNECTOR (TL3)
CONSTRUCT MT3 LEADING END TREATMENT (TL3)
CONSTRUCT NON-MOW STRIP

LIMITS OF CONSTRUCTION

PRES. 37.5' R/W DEDICATED PER PLAT 4I PAGE 59

PRES. 37.5' R/W DEDICATED PER PLAT 4I PAGE 59

SURVEY STA. 32+80.00 (S-39)
BEGIN PROJECT
PROJ. ID P044268 S-39

ERECT 12.5' MGS3 GUARDRAIL
CONSTRUCT MTBBC3 THRIE-BEAM BARRIER CONNECTOR (TL3)
CONSTRUCT MT3 LEADING END TREATMENT (TL3)
CONSTRUCT NON-MOW STRIP

CONSTR. BRIDGE APPROACH SHOULDER PAVING, WITH FLUME INLET, 4' SLOPE FLUME,
AND PLACE 10 TONS RIPRAP (CLASS B) OVER 25 SY GEOTEXTILE (CLASS 2)
TYPE C, PER STD. DWGS. 719-920-00, 805-325-70,
805-325-75, AND 805-325-76 (TYPICAL ALL FOUR BRIDGE CORNERS)

REMOVE 90 LF OF EXISTING GUARDRAIL

REMOVE 97 LF OF EXISTING GUARDRAIL

PLACE RIPRAP (CLASS B) OVER GEOTEXTILE
FABRIC (CLASS 2) TYPE C PER SCDOT STD.
DWG. 804-105-00

SURVEY STA. 36+27.00
END BRIDGE REPLACEMENT
PROJ. ID P044268 S-39

SURVEY STA. 36+47.00
END APPROACH SLAB

ERECT 12.5' MGS3 GUARDRAIL
CONSTRUCT MTBBC3 THRIE-BEAM BARRIER CONNECTOR (TL3)
CONSTRUCT MT3 LEADING END TREATMENT (TL3)
CONSTRUCT NON-MOW STRIP

RETAIN EXISTING 18" PIPE

PRES. 37.5' R/W DEDICATED
PER PLAT 4I PAGE 59

SURVEY STA. 37+15.00 (S-39)
END ROAD CONST.
PROJ. ID P044268 S-39

SURVEY STA. 39+00.00 (S-39)
BEGIN PROJECT
PROJ. ID P044268 S-39

ERECT 12.5' MGS3 GUARDRAIL
CONSTRUCT MTBBC3 THRIE-BEAM BARRIER CONNECTOR (TL3)
CONSTRUCT MT3 LEADING END TREATMENT (TL3)
CONSTRUCT NON-MOW STRIP

PRES. 37.5' R/W DEDICATED
PER PLAT 4I PAGE 59

HORIZONTAL 1"=50'

VERTICAL 1"=10'

BRIDGE HYDROLOGY DATA

DA = 19.8 SQ. MI. = 12,672 ACRES

Q25 = 1,730 CFS
VEL. = 3.60 FT/SEC
25 YEAR ELEV. = 141.48 FT
(INCLUDING 0.29 FT BACKWATER)

Q100 = 2,660 CFS
VEL. = 4.91 FT/SEC
100 YEAR ELEV. = 142.47 FT
(INCLUDING 0.59 FT BACKWATER)

OVERTOPPING > 3,840 CFS
PROBABILITY < 0.2%

SURVEY STA. 34+50.00 (S-39)
BEGIN ROAD CONST.
PROJ. ID P044268 S-39

VPI = 34+80.00
Elev. = 145.57
K = 1070
60' V.C.

VPI = 35+90.00
Elev. = 145.90
K = 167
100' V.C.

VPI = 36+80.00
Elev. = 145.63
K = 157
70' V.C.

SURVEY STA. 37+15.00 (S-39)
END ROAD CONST.
PROJ. ID P044268 S-39

FINISHED GRADE
BEGIN APPROACH SLAB
STA. 35+27.00

TOE OF SLOPE
STA. 35+57
ELEV. 139.00
TOE OF BENCH
35+62

CONSTRUCT 80.00' X 36.00' PRESTRESSED
CONC. BRIDGE STA. 36+47.00 - STA. 37+27.00
WITH 20' CONC. APPROX. SLAB EACH END
(SEE BRIDGE PLANS)

END APPROACH SLAB
STA. 36+57.00

TOE OF SLOPE
STA. 36+47
ELEV. 139.00
TOE OF BENCH
36+14

100 YR WS ELEV. = 141.91
25 YR WS ELEV. = 140.90

EXIST. GROUND

145.41

145.42

145.43

145.44

145.43

145.45

145.45

145.42

145.45

145.51

145.54

145.52

145.50

145.53

145.66

145.75

145.78

145.82

145.72

145.58

145.74

145.65

145.68

145.77

145.80

145.85

145.93

145.97

145.99

146.08

146.07

146.05

146.14

146.22

146.24

146.28

146.38

29+00

30+00

31+00

32+00

33+00

34+00

35+00

36+00

37+00

38+00

39+00

40+00

41+00

42+00

43+00

INDEX OF SHEETS		
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1	TITLE SHEET	1
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3	TYPICAL SECTIONS	1
4	PLAN AND PROFILE SHEETS	1
TOTAL		4



DESIGN BY: TRANSYSTEMS					
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	SHEET NO.	TOTAL SHEETS
3	S.C.	ORANGEBURG	P044269	1	4

Hydraulic Design Reference for these plans is the:

2009

Edition of SCDOT's "Requirements for Hydraulic Design Studies"

Design Reference for these plans is the:

LVB

Supplemental Design Criteria For Low Volume Bridge Replacement Projects

NPDES PERMIT INFORMATION	
Disturbed Area = _____	Acre(s)
Project Area = _____	Acre(s)
Approximate Location of Roadway is:	
Begin	
Latitude	33°28'45" N
Longitude	81°03'40" W
End	
Latitude	33°28'46" N
Longitude	81°03'43" W
Hydraulic and NPDES Design provided by:	
TRANSYSTEMS	
Designs may be obtained from the SCDOT Regional Production Group	

TECHNICAL PROPOSAL PLANS
FOR
ORANGEBURG COUNTY

PROJECT ID P044269
S-191 (MIDDLE WILLOW ROAD)
BRIDGE REPLACEMENT OVER ROBERTS SWAMP

CONSTRUCT 90.00' X 30.00' PRESTRESSED CONCRETE BRIDGE
STA. 116+53.00 - STA. 117+43.00
(SEE BRIDGE PLANS)

SURVEY STA. 118+75.00
END PROJECT
PROJ. ID P044269 S-191

SURVEY STA. 115+25.00
BEGIN PROJECT
PROJ. ID P044269 S-191

NOTE:
BRIDGE PLANS BOUND UNDER A SEPARATE COVER

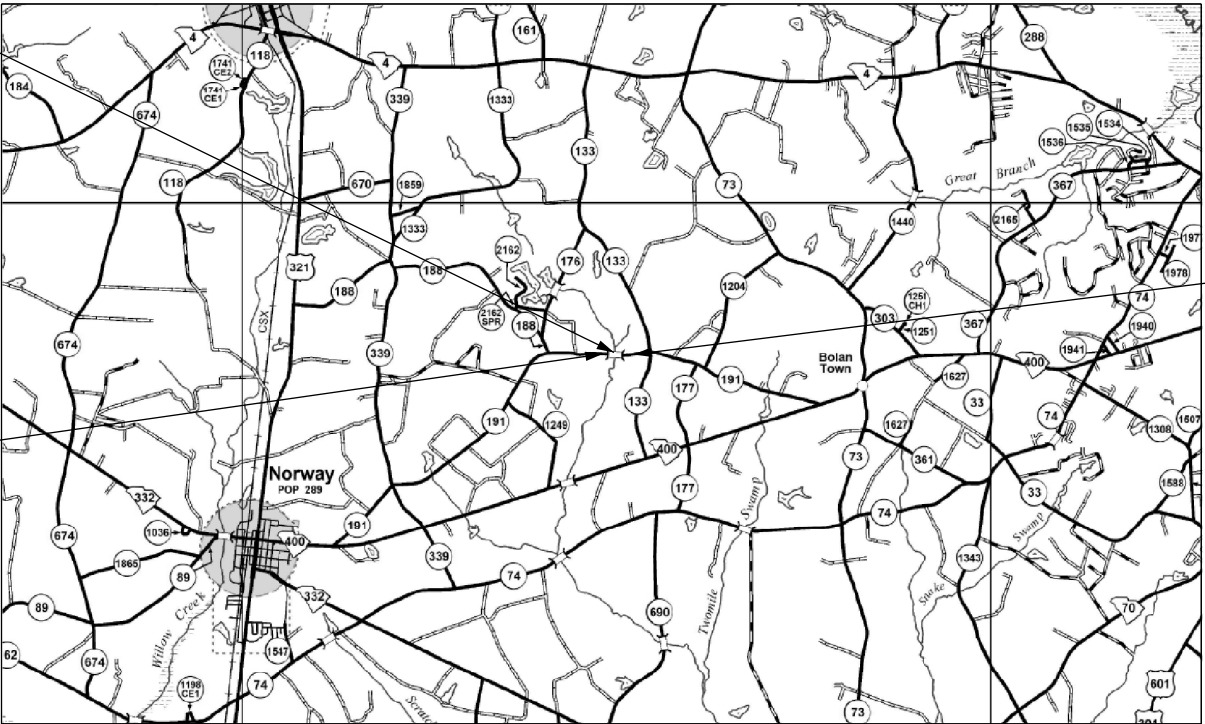
3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA

CALL 811

SOUTH CAROLINA 811 (SC811)
WWW.SC811.COM
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

RAILROAD INVOLVEMENT?
YES **(NO)**

TRAFFIC DATA	
2025 ADT	400
2045 ADT	450
TRUCKS	8 %

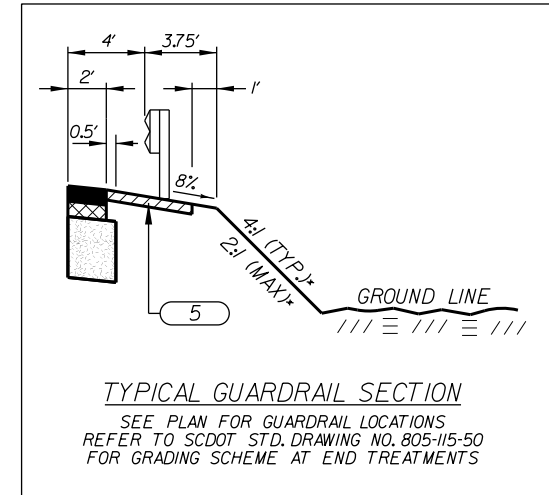




DESIGN BY:

TRANSYSTEMS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	ORANGEBURG	P044269	S-191	2



NOTE:
CONTRACTOR IS TO REMOVE ALL EXISTING PAVEMENT FROM STA.
116+15.00 TO STA.118+00.00

RTE. S-191		DESIGN SPEED
MPH	FROM STA.	TO STA.
35	115+93.00	118+00.00
EXCEPTIONS TO DESIGN SPEED		

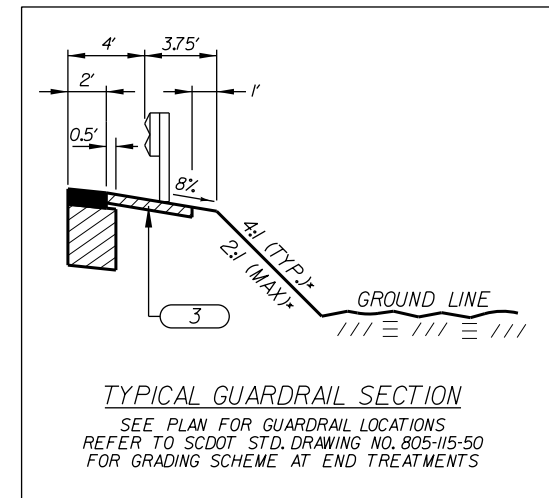
NOT TO SCALE RTE./RD. S-191



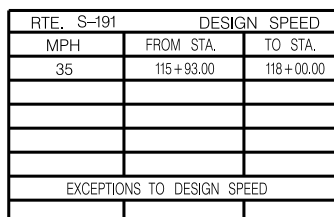
DESIGN BY:

TRANSYSTEMS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	ORANGEBURG	P044269	S-191	3



NOTE:
CONTRACTOR IS TO MILL EXISTING PAVEMENT FROM STA.
115+93.00 TO STA.116+15.00

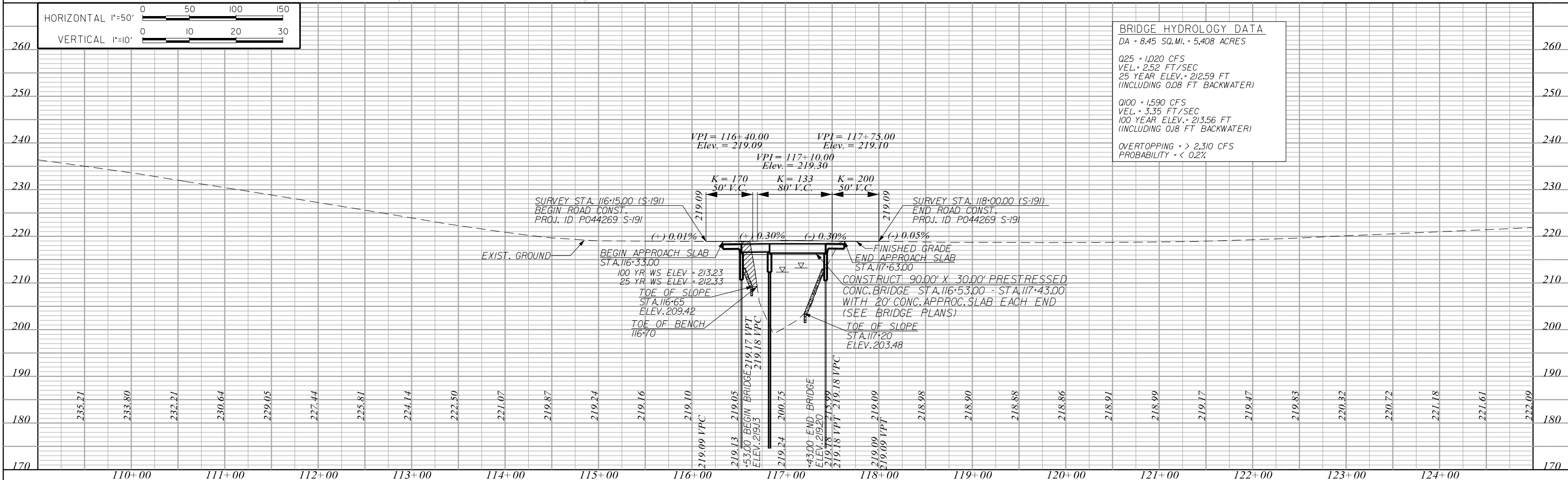


CONSULTING ENGINEERING FIRM

TRANSYSTEMS

1859 SUMMERVILLE AVENUE, SUITE 60
CHARLESTON, SC 29405
PHONE (843) 266-9300
FAX (843) 529-9616
WWW.TRANSYSTEMS.COM

NOT TO SCALE RTE./RD. S-191



INDEX OF SHEETS		
SHEET NO.	DESCRIPTION	SHEET SUBTOTALS
1	TITLE SHEET	1
2	TYPICAL SECTIONS	1
3	TYPICAL SECTIONS	1
4	PLAN AND PROFILE SHEETS	1
TOTAL		4



DESIGN BY: TRANSYSTEMS					
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	SHEET NO.	TOTAL SHEETS
3	S.C.	ORANGEBURG	P044270	1	4

Hydraulic Design Reference for these plans is the:

2009

Edition of SCDOT's "Requirements for Hydraulic Design Studies"

Design Reference for these plans is the:

LVB

Supplemental Design Criteria For Low Volume Bridge Replacement Projects

NPDES PERMIT INFORMATION	
Disturbed Area = _____	Acre(s)
Project Area = _____	Acre(s)
Approximate Location of Roadway is:	
Begin	
Latitude	33°24'06" N
Longitude	80°59'05" W
End	
Latitude	33°24'07" N
Longitude	80°59'04" W
Hydraulic and NPDES Design provided by:	
TRANSYSTEMS	
Designs may be obtained from the SCDOT Regional Production Group	

TECHNICAL PROPOSAL PLANS
FOR
ORANGEBURG COUNTY

PROJECT ID P044270
S-634 (DEER TRAIL ROAD)
BRIDGE REPLACEMENT OVER COOPER SWAMP

CONSTRUCT 70.00' X 30.00' PRESTRESSED CONCRETE BRIDGE
STA. 26+96.00 - STA. 27+66.00
(SEE BRIDGE PLANS)

SURVEY STA. 25+65.00
BEGIN PROJECT
PROJ. ID P044270 S-634

SURVEY STA. 29+05.00
END PROJECT
PROJ. ID P044270 S-634

NOTE:
BRIDGE PLANS BOUND UNDER A SEPARATE COVER

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

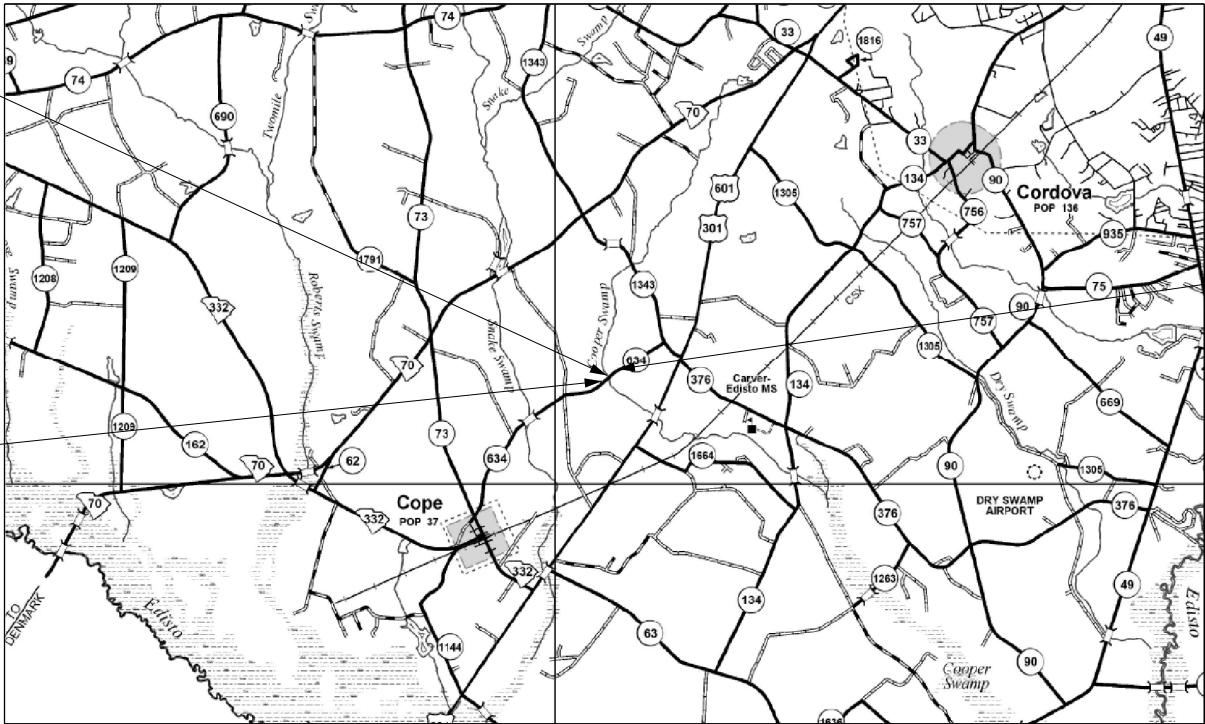
RAILROAD INVOLVEMENT?
YES **(NO)**

TRAFFIC DATA

____ 2025 ____ ADT ____ 120 ____

____ 2045 ____ ADT ____ 120 ____

TRUCKS ____ 1 ____ %



LAYOUT

ORANGEBURG COUNTY MAP

NTS

	ROAD S-634	TOTAL PROJECT
NET LENGTH OF ROADWAY	0.051 MILES	0.051 MILES
NET LENGTH OF BRIDGES	0.013 MILES	0.013 MILES
NET LENGTH OF PROJECT	0.064 MILES	0.064 MILES
LENGTH OF EXCEPTIONS	0.000 MILES	0.000 MILES
GROSS LENGTH OF PROJECT	0.064 MILES	0.064 MILES

EQUALITIES IN STATIONING

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 (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF FINAL RFP.



CONCEPTUAL
PLANS

CONTRACTOR



CROWDER

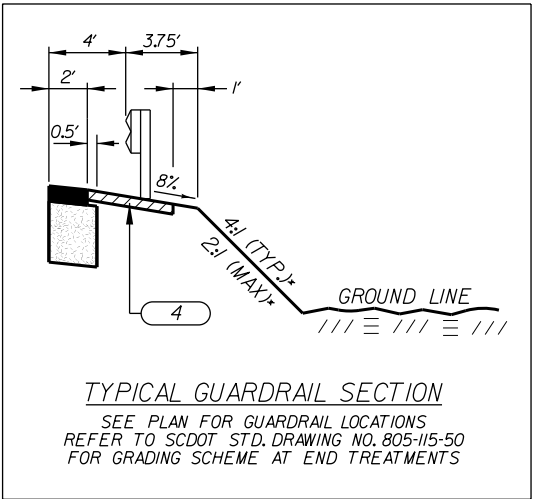
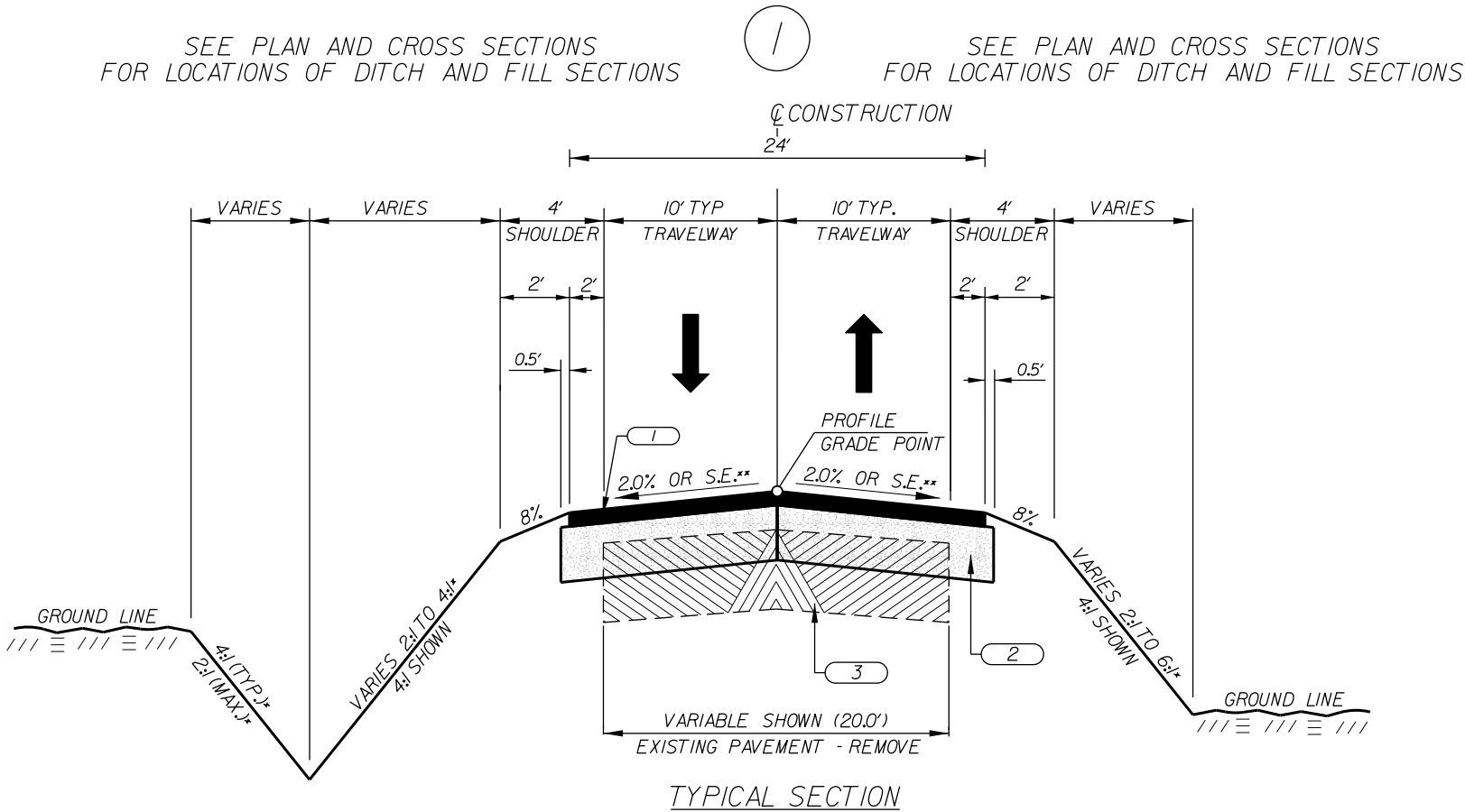
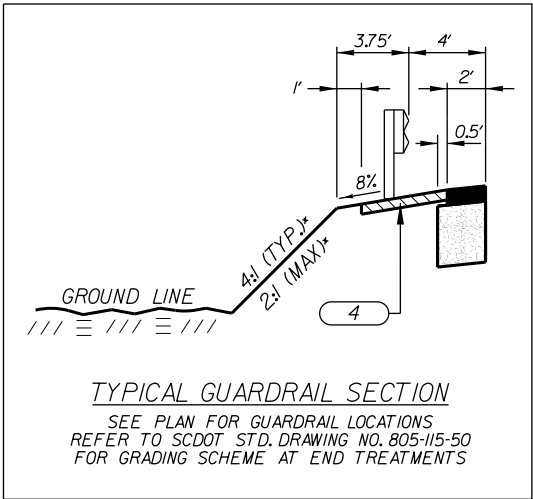
6409 BROOKSHIRE BLVD.
CHARLOTTE, NC 28216
PHONE 800-422-8184
FAX 704-372-9946
WWW.CROWDERUSA.COM

CONSULTING ENGINEERING FIRM

TRANSYSTEMS





1859 SUMMERVILLE AVE, SUITE 600
CHARLOTTE, NC 29405
PHONE 843-266-9300
FAX 843-628-7718
WWW.TRANSYSTEMS.COM

TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.



- SECTION NOTES:
- * THIS SLOPE MAY BE VARIED WHEN A DEEPER DITCH IS NECESSARY FOR DRAINAGE PURPOSES, USING A MINIMUM SLOPE OF 12.5:1 AND A MAXIMUM SLOPE OF 4:1. WHERE A DEEPER DITCH THAN PROVIDED BY A 4:1 IS NECESSARY, THE DITCH SHALL BE PLACED FARTHER FROM THE CL CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES
 - NOTE:
6:1 SLOPE 0'-5' FILL HEIGHT
4:1 SLOPE >5'-10' FILL HEIGHT
2:1 SLOPE >10' FILL HEIGHT AND AT BRIDGE ENDS
 - ** SEE CROSS SECTIONS FOR SUPERELEVATION DETAILS.
 - NOTE:
USE SILT FENCE AT TOE OF ALL FILL SLOPES PER STANDARD DRAWING NO. 815-605-00
 - NOTE:
CONSTRUCT 70.00' X 30.00' PRESTRESSED CONCRETE BRIDGE FROM: STA. 26+96.00 TO: STA. 27+66.00
 - NOTE:
CONTRACTOR IS TO REMOVE ALL EXISTING PAVEMENT FROM STA. 26+50.00 TO STA. 28+20.00

LEGEND

- | | | |
|---|---|---|
| 1 |  | HOT MIX ASPHALT SURFACE COURSE TYPE D (150 LBS./S.Y.) |
| 2 |  | HOT MIX ASPHALT BASE COURSE TYPE B (350 LBS./S.Y.) |
| 3 |  | EXISTING PAVEMENT (TO BE REMOVED) |
| 4 |  | 4" HOT MIX ASPHALT SURFACE COURSE (NON-MOW STRIP) |

S-634 (DEER TRAIL RD) - RURAL LOCAL GROUP 4

RTE. S-634 DESIGN SPEED		
MPH	FROM STA.	TO STA.
35	26+40.00	28+20.00
EXCEPTIONS TO DESIGN SPEED		

CONTRACTOR



6409 BROOKSHIRE BLVD.
CHARLOTTE, NC 28216
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FAX 704-372-9946
WWW.CROWDERUSA.COM

CONSULTING ENGINEERING FIRM

TRANSYSTEMS

1859 SUMMERVILLE AVENUE, SUITE 600
CHARLESTON, SC 29405
PHONE (843) 266-9300
FAX (843) 529-9616
WWW.TRANSYSTEMS.COM

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROAD DESIGN COLUMBIA, S.C.

TYPICAL SECTION

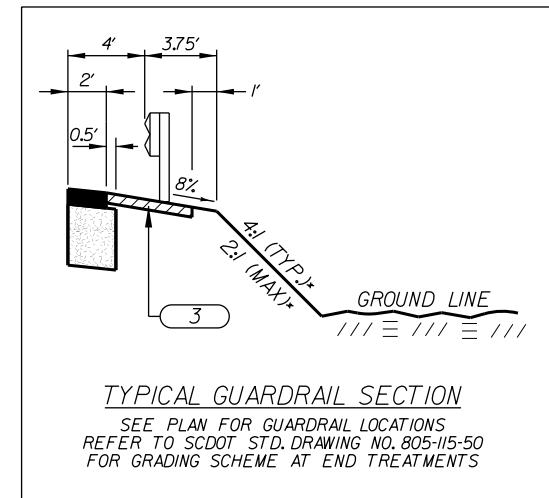
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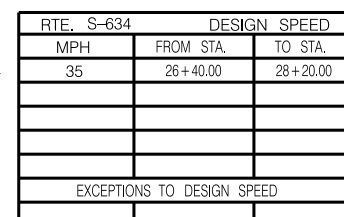
DESIGN BY:

TRANSYSTEMS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	ORANGEBURG	P044270	S-634	3



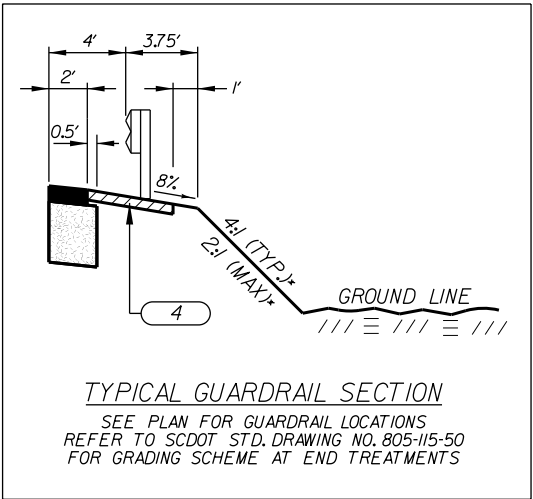
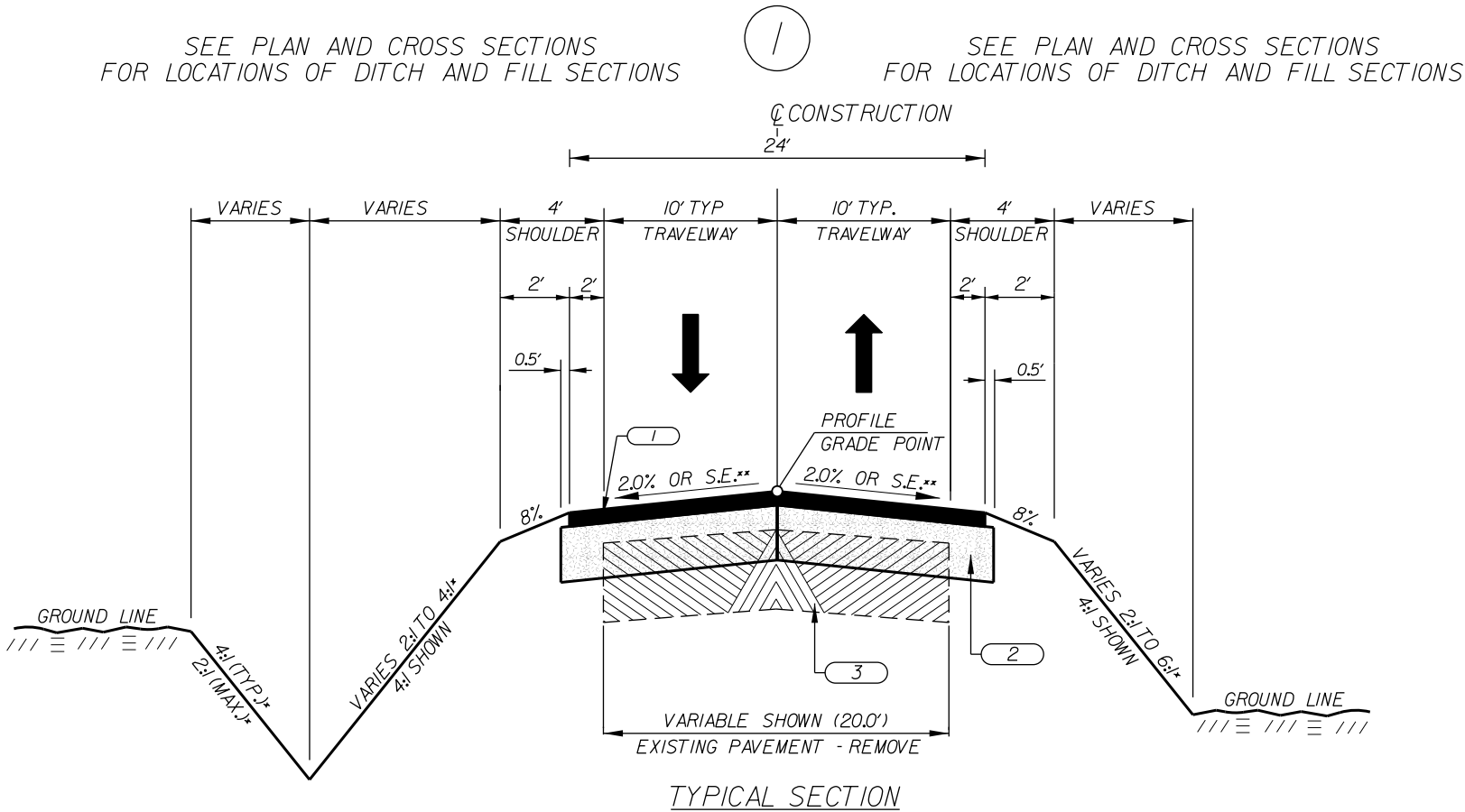
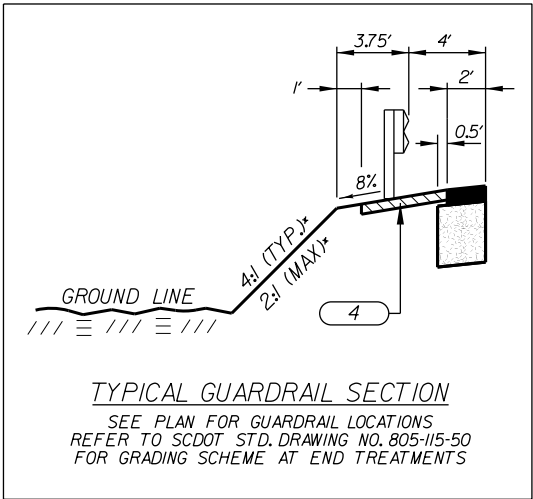
NOTE:
CONTRACTOR IS TO MILL EXISTING PAVEMENT FROM STA.
26+40.00 TO STA. 26+50.00



1859 SUMMERVILLE AVENUE, SUITE 600
CHARLESTON, SC 29405
PHONE (843) 266-9300
FAX (843) 529-9616
WWW.TRANSYSTEMS.COM





NOT TO SCALE RTE./RD. S-634

TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.



- SECTION NOTES:
- * THIS SLOPE MAY BE VARIED WHEN A DEEPER DITCH IS NECESSARY FOR DRAINAGE PURPOSES, USING A MINIMUM SLOPE OF 12.5:1 AND A MAXIMUM SLOPE OF 4:1. WHERE A DEEPER DITCH THAN PROVIDED BY A 4:1 IS NECESSARY, THE DITCH SHALL BE PLACED FARTHER FROM THE CL CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES
 - NOTE:
6:1 SLOPE 0'-5' FILL HEIGHT
4:1 SLOPE >5'-10' FILL HEIGHT
2:1 SLOPE >10' FILL HEIGHT AND AT BRIDGE ENDS
 - ** SEE CROSS SECTIONS FOR SUPERELEVATION DETAILS.
 - NOTE:
USE SILT FENCE AT TOE OF ALL FILL SLOPES PER STANDARD DRAWING NO. 815-605-00
 - NOTE:
CONSTRUCT 50.00' X 30.00' PRESTRESSED CONCRETE BRIDGE FROM: STA. 59+65.00 TO: STA. 60+15.00
 - NOTE:
CONTRACTOR IS TO REMOVE ALL EXISTING PAVEMENT FROM STA. 58+15.00 TO STA. 63+20.00

LEGEND

- | | | |
|---|---|---|
| 1 |  | HOT MIX ASPHALT SURFACE COURSE TYPE D (150 LBS./S.Y.) |
| 2 |  | HOT MIX ASPHALT BASE COURSE TYPE B (350 LBS./S.Y.) |
| 3 |  | EXISTING PAVEMENT (TO BE REMOVED) |
| 4 |  | 4" HOT MIX ASPHALT SURFACE COURSE (NON-MOW STRIP) |

S-1210 (BUFFALO POND RD) - RURAL LOCAL GROUP 4

RTE. S-1210 DESIGN SPEED		
MPH	FROM STA.	TO STA.
35	58+15.00	63+20.00
EXCEPTIONS TO DESIGN SPEED		

CONTRACTOR



6409 BROOKSHIRE BLVD.
CHARLOTTE, NC 28216
PHONE 800-422-8184
FAX 704-372-9946
WWW.CROWDERUSA.COM

CONSULTING ENGINEERING FIRM

TRANSYSTEMS

1859 SUMMERVILLE AVENUE, SUITE 600
CHARLESTON, SC 29405
PHONE (843) 266-9300
FAX (843) 529-9616
WWW.TRANSYSTEMS.COM

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROAD DESIGN COLUMBIA, S.C.

TYPICAL SECTION

NOT TO SCALE RTE./RD. S-1210

INDEX OF SHEETS		
SHEET NO.	DESCRIPTION	SHEET SUBTOTALS
1	TITLE SHEET	1
2	TYPICAL SECTIONS	1
3	PLAN AND PROFILE SHEETS	1
TOTAL		3



DESIGN BY: TRANSYSTEMS					
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	SHEET NO.	TOTAL SHEETS
3	S.C.	BAMBERG	P044315	1	3

Hydraulic Design Reference for these plans is the:

2009

Edition of SCDOT's "Requirements for Hydraulic Design Studies"

Design Reference for these plans is the:

LVB

Supplemental Design Criteria For Low Volume Bridge Replacement Projects

NPDES PERMIT INFORMATION	
Disturbed Area = _____	Acre(s)
Project Area = _____	Acre(s)
Approximate Location of Roadway is:	
Begin	
Latitude	33°08'42" N
Longitude	81°05'05" W
End	
Latitude	33°08'46" N
Longitude	81°05'08" W
Hydraulic and NPDES Design provided by:	
TRANSYSTEMS	
Designs may be obtained from the SCDOT Regional Production Group	

PROJECT ID P044315
S-458 (INDIAN CAMP ROAD)
CONSTRUCT BRIDGE OVER INDIAN CAMP BRANCH

CONSTRUCT 70.00' X 36.00' PRESTRESSED CONCRETE BRIDGE
STA. 2+70.00 - STA. 3+40.01
(SEE BRIDGE PLANS)

SURVEY STA. 0+80.00
BEGIN PROJECT
PROJ. ID P044315 S-458

SURVEY STA. 5+20.00
END PROJECT
PROJ. ID P044315 S-458

NOTE:
BRIDGE PLANS BOUND UNDER A SEPARATE COVER

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

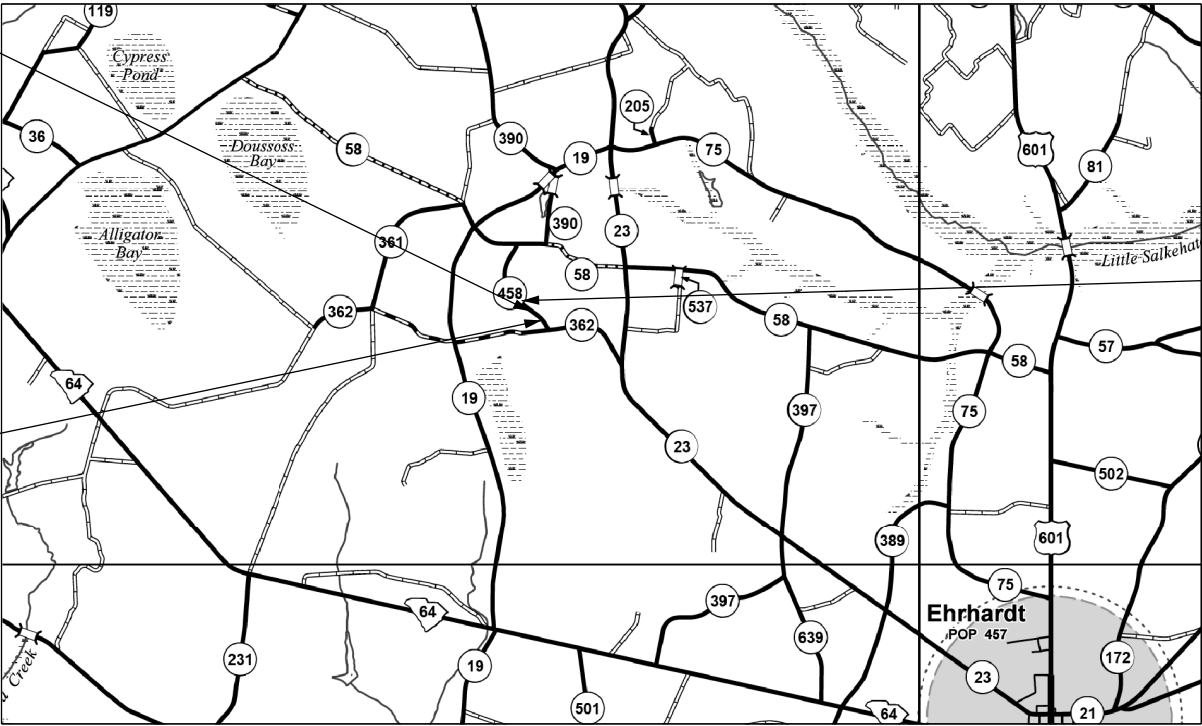
RAILROAD INVOLVEMENT?
YES **(NO)**

TRAFFIC DATA

2025 ADT 130

2045 ADT 170

TRUCKS 5 %



	ROAD S-458	TOTAL PROJECT
NET LENGTH OF ROADWAY	0.070 MILES	0.070 MILES
NET LENGTH OF BRIDGES	0.013 MILES	0.013 MILES
NET LENGTH OF PROJECT	0.083 MILES	0.083 MILES
LENGTH OF EXCEPTIONS	0.000 MILES	0.000 MILES
GROSS LENGTH OF PROJECT	0.083 MILES	0.083 MILES

EQUALITIES IN STATIONING

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 (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF FINAL RFP.

CONTRACTOR

6409 BROOKSHIRE BLVD.
CHARLOTTE, NC 28216
PHONE 800-422-8184
FAX 704-372-9946
WWW.CROWDERUSA.COM

CONSULTING ENGINEERING FIRM

TRANSYSTEMS

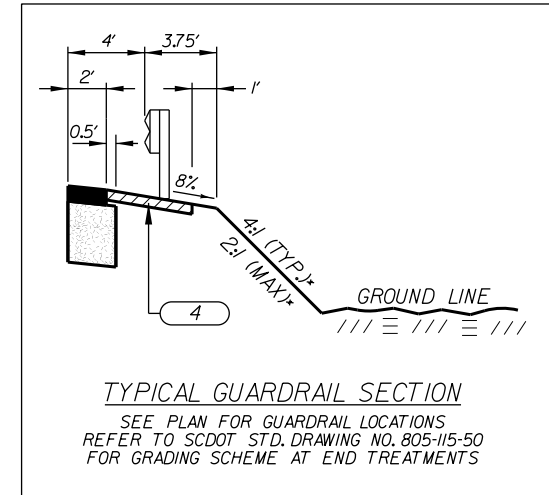
1859 SUMMERVILLE AVE, SUITE 600
CHARLESTON, SC 29405
PHONE 843-266-9300
FAX 843-628-7718
WWW.TRANSYSTEMS.COM



DESIGN BY:

TRANSYSTEMS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	BAMBERG	P044315	S-458	2



NOTE:
CONTRACTOR IS TO REMOVE ALL EXISTING PAVEMENT FROM STA.
0+80.00 TO STA.5+20.00

NOT TO SCALE RTE./RD. S-458

A.2 CONCEPTUAL BRIDGE PLANS

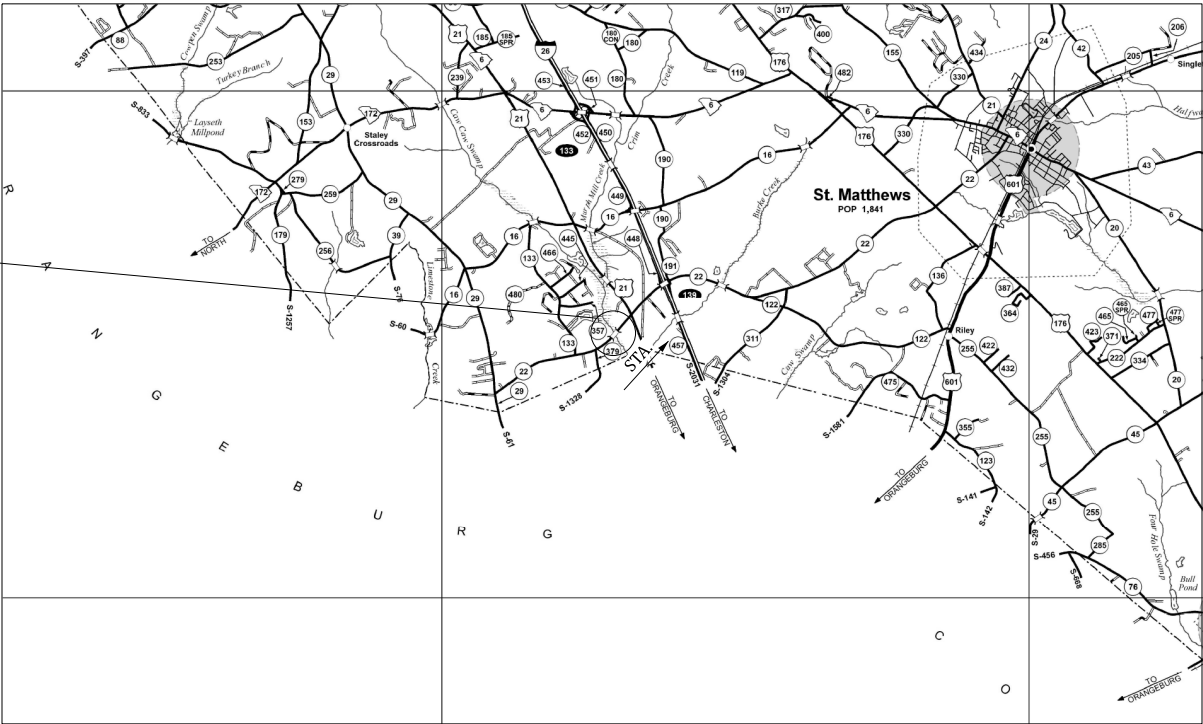
INDEX OF SHEETS

- 1. TITLE SHEET
- 2. BRIDGE PLAN AND PROFILE
- 3. BRIDGE TYPICAL SECTION (END BENTS 1 & 4)
- 4. BRIDGE TYPICAL SECTION (INTERIOR BENTS 2 & 3)



PROPOSED PLANS
FOR
CALHOUN COUNTY
PROJECT ID P044267
ROUTE S-22 (BURKE RD)
REPLACE BRIDGE OVER CAW CAW SWAMP

SITE LOCATION



LAYOUT

APPROXIMATE LOCATION OF BRIDGE IS
LATITUDE 33°- 37' - 22" N
LONGITUDE 80°- 53' - 21" W



ENGINEER OF RECORD
FOR CONSTRUCTION

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

2025 ADT 3,400 V.P.D.
2045 ADT 4,200 V.P.D.
TRUCKS 9 %

NET LENGTH OF ROADWAY	0.000	MILES
NET LENGTH OF BRIDGES	0.022	MILES
NET LENGTH OF PROJECT	0.022	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.022	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 AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF THE FINAL RFP.

mwrekers 3/11/2025 11:21:56 AM S-22,700-SPP.dgn			
REV.			
REV.			
BY	CHK.	DATE	DESCRIPTION OF REVISION
QUAN.	WBM	MWR	3-25
DES.	WBM	MWR	3-25
BY	CHK.	DATE	


REVIEWED	VAU		
QUAN.	WBM	MWR	3-25
DES.	WBM	MWR	3-25
BY	CHK.	DATE	

HYDROLOGY DATA		
DRAINAGE AREA = 28.5 SQ. MI.		
FLOW =	4% AEP *	1% AEP **
VELOCITY =	2,160 CFS	3,310 CFS
W.S. ELEV. =	3.07 FPS	3.99 FPS
HISTORICAL HIGHWATER ELEV. =	209.83 FT	211.08 FT
BACKWATER ELEVATION UPSTREAM		
4% AEP H.W. ELEV. =	210.26 FT INCLUDING	
1% AEP H.W. ELEV. =	0.16 FT BACKWATER	
STRUCTURE OVERTOPPING FLOOD	211.59 FT INCLUDING	
0.2% AEP FLOW =	0.37 FT BACKWATER	
OVERTOPPING FLOW =	4,770 CFS	
	8,000 CFS	


SECTION ALONG & SURVEY S-22

EXCAVATE HATCHED AREA (SEE ROADWAY PLANS)
*** TIME OF SURVEY WATER ELEV. 204.60 (1/9/2025)

BEARING LEGEND
F = FIXED
X = EXPANSION



6409 BROOKSHIRE BOULEVARD
CHARLOTTE, NC 28216
(800) 422-8184

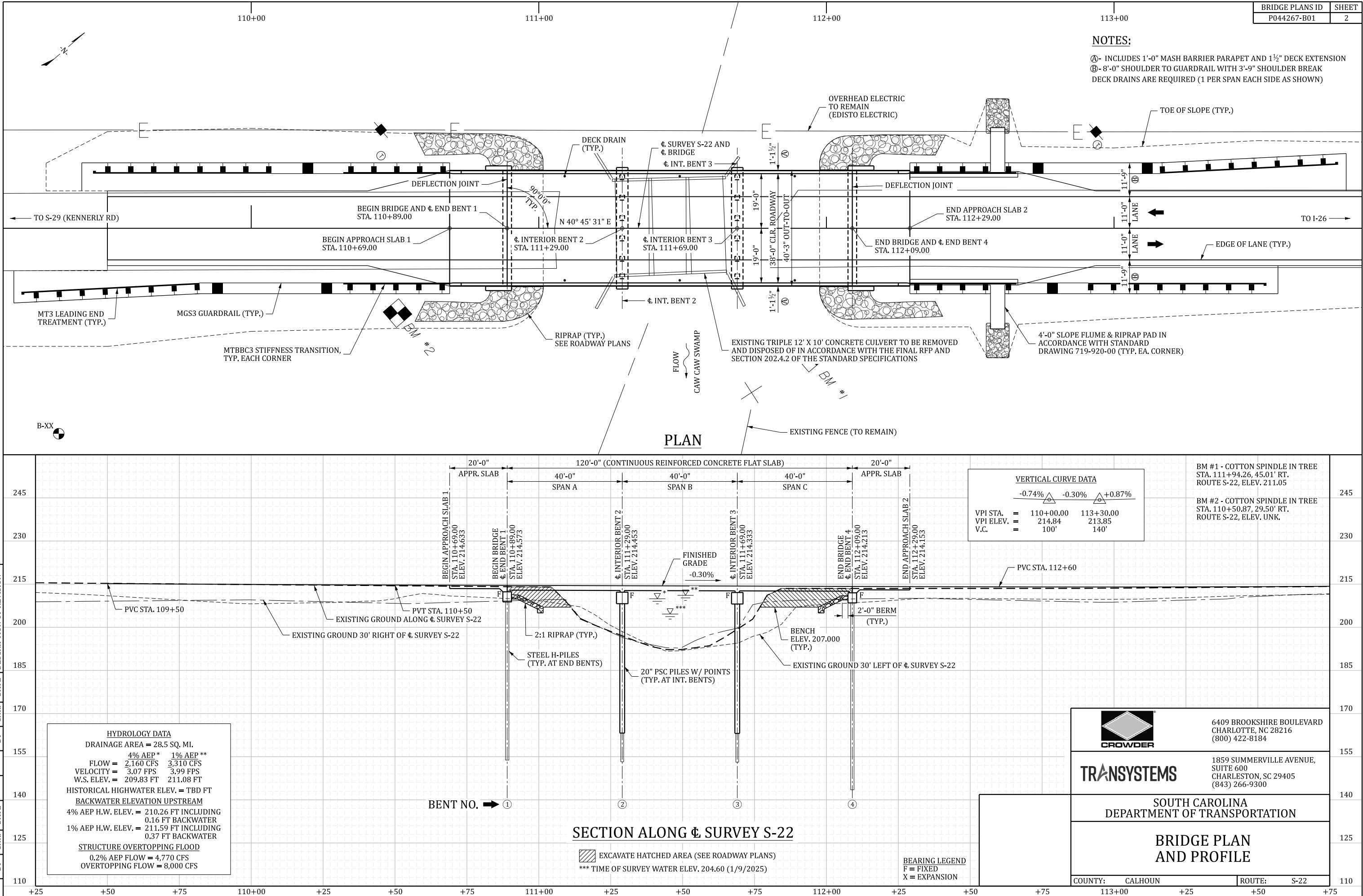


1859 SUMMERVILLE AVENUE,
SUITE 600
CHARLESTON, SC 29405
(843) 266-9300

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BRIDGE PLAN
AND PROFILE

COUNTY: CALHOUN ROUTE: S-22



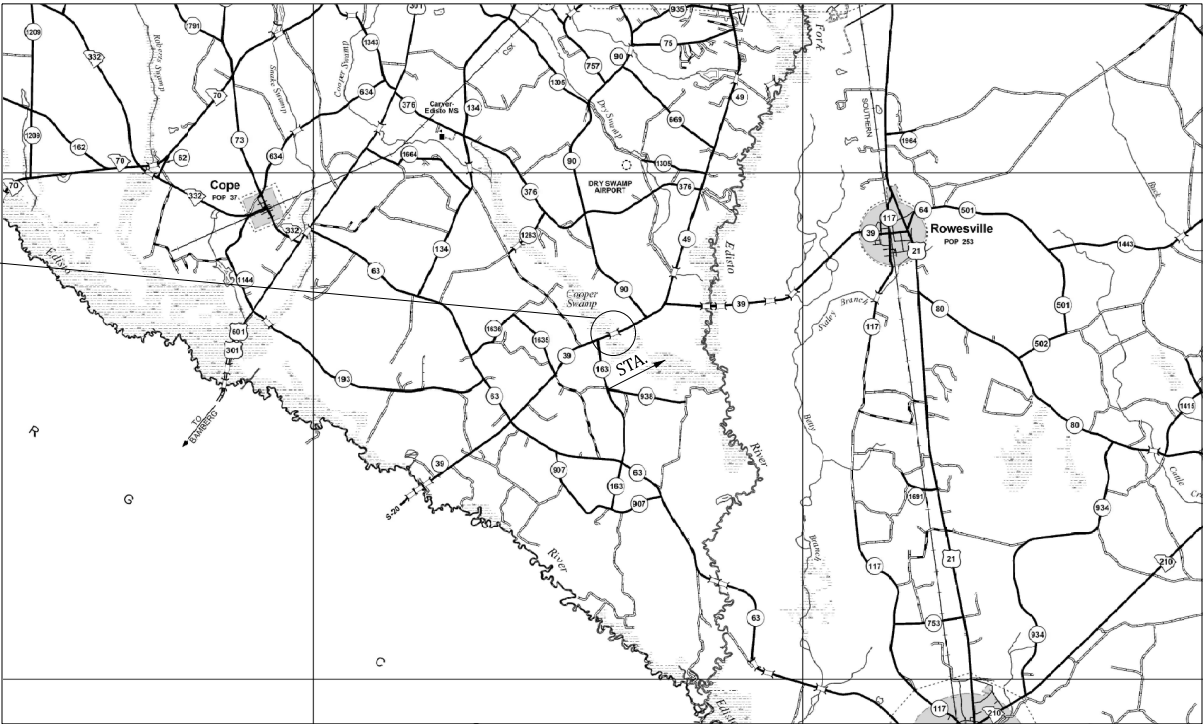
INDEX OF SHEETS

- 1. TITLE SHEET
- 2. BRIDGE PLAN AND PROFILE
- 3. BRIDGE TYPICAL SECTION (END BENTS 1 & 3)
- 4. BRIDGE TYPICAL SECTION (INTERIOR BENT 2)



PROPOSED PLANS
FOR
ORANGEBURG COUNTY
PROJECT ID P044268
ROUTE S-39 (CANNON BRIDGE RD)
REPLACE BRIDGE OVER COOPER SWAMP

SITE LOCATION



LAYOUT

APPROXIMATE LOCATION OF BRIDGE IS
LATITUDE 33°- 20' - 56" N
LONGITUDE 80°- 54' - 44" W

-N-

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

2025 ADT 1,250 V.P.D.
2045 ADT 1,550 V.P.D.
TRUCKS 12 %

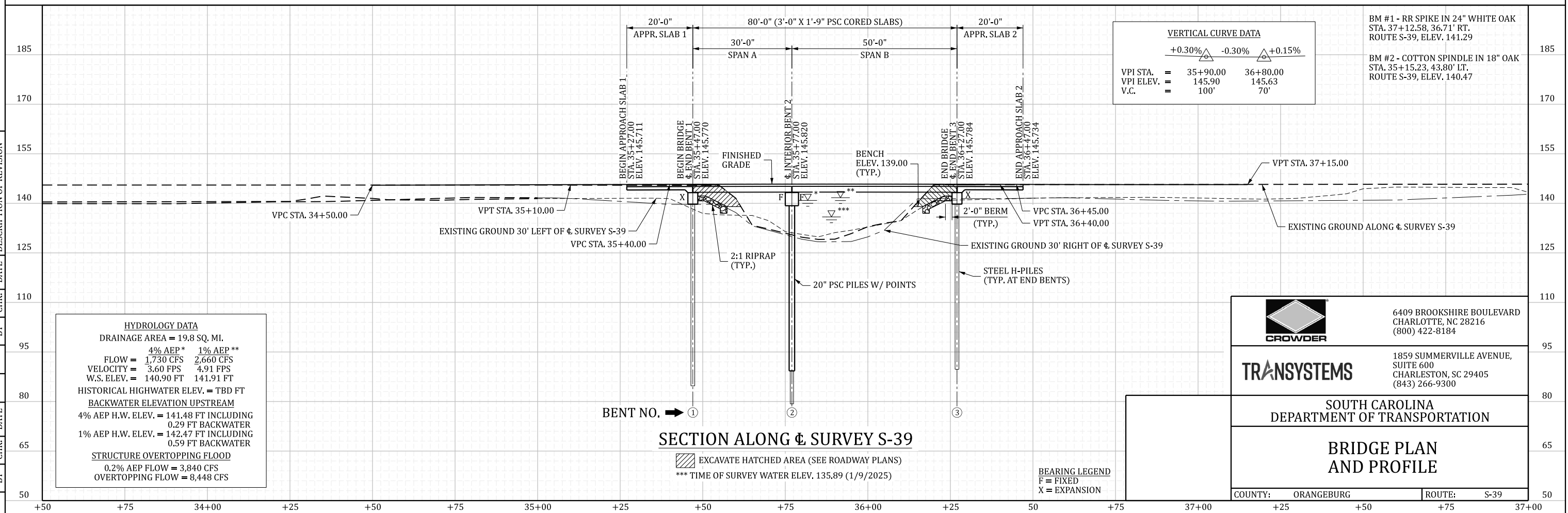
NET LENGTH OF ROADWAY	0.000	MILES
NET LENGTH OF BRIDGES	0.015	MILES
NET LENGTH OF PROJECT	0.015	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.015	MILES

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 AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF THE FINAL RFP.



ENGINEER OF RECORD
FOR CONSTRUCTION

A- INCLUDES 1'-0" MASH BARRIER PARAPET AND 1½" DECK EXTENSION
 B- 6'-0" SHOULDER TO GUARDRAIL WITH 3'-9" SHOULDER BREAK
 DECK DRAINS ARE REQUIRED



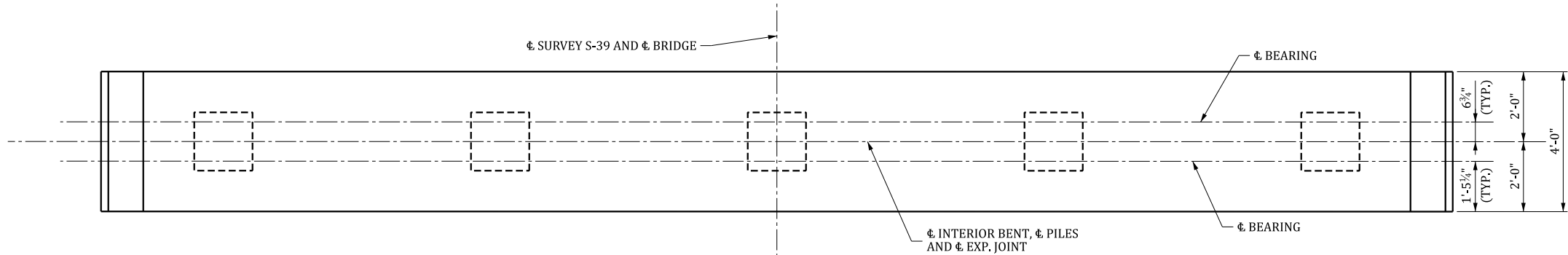
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	REVIEWED		VAU	
	QUAN.			
DR.	WBM	MWR	3-25	
DES.	WBM	MWR	3-25	
	BY	CHK.	DATE	
				DESCRIPTION OF REVISION
REV.				
REV.				
REV.				

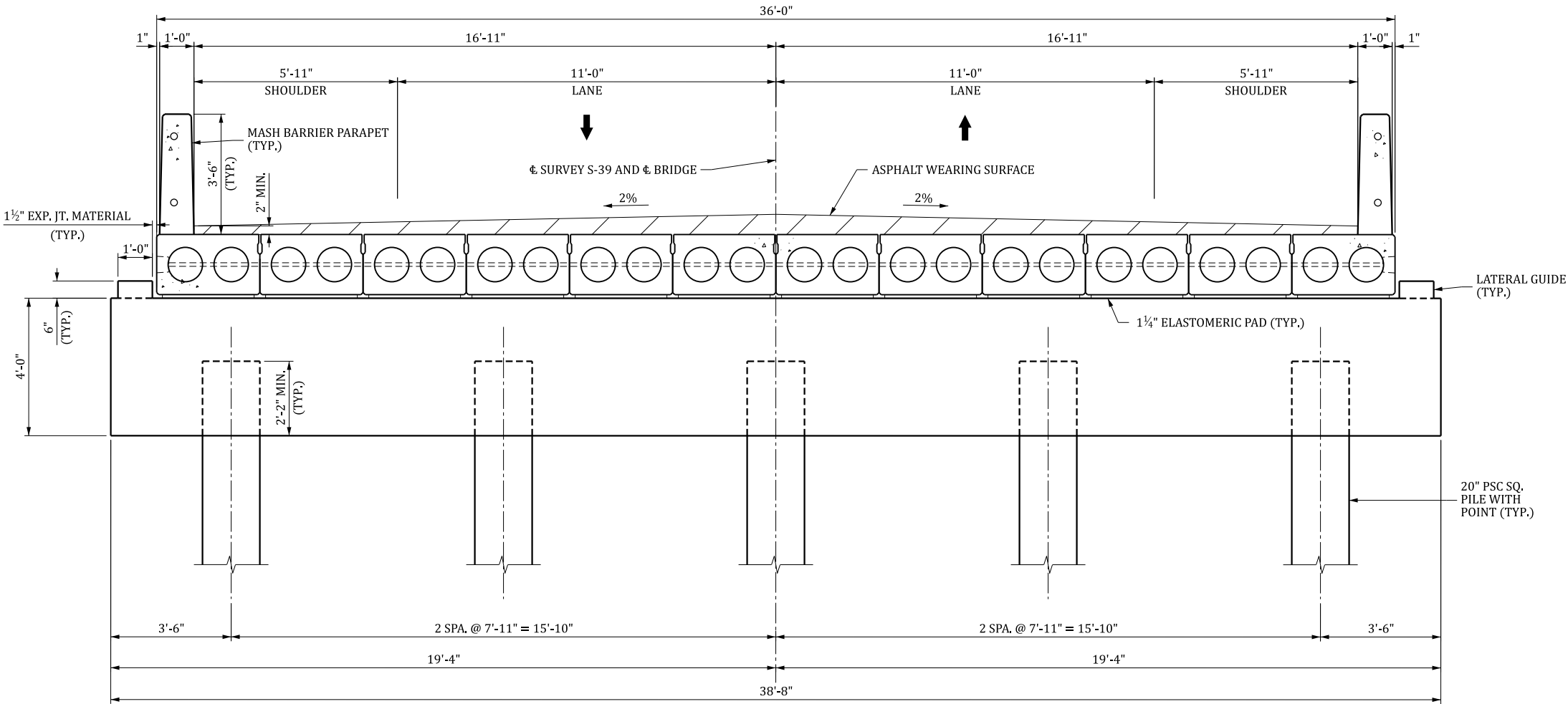
REVIEWED		VAU	
QUAN.		WBM	MWR
DR.		WBM	MWR
DES.		BY	CHK.
		DATE	

mwrkrters 3/11/2025 11:22:38 AM S-39_BridgeTyp2.dgn			
REV.			
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REV.			
BY	CHK.	DATE	DESCRIPTION OF REVISION

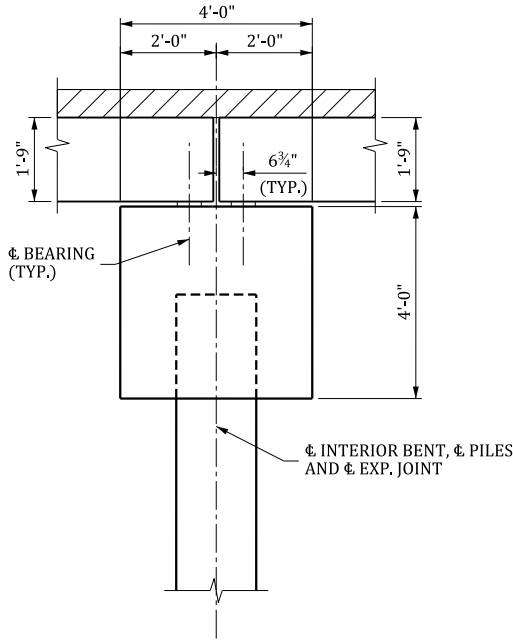
BRIDGE PLANS ID	SHEET
P044268-B01	4



PLAN



ELEVATION



SECTION



6409 BROOKSHIRE BOULEVARD
CHARLOTTE, NC 28216
(800) 422-8184

TRANSYSTEMS

1859 SUMMERVILLE AVENUE,
SUITE 600
CHARLESTON, SC 29405
(843) 266-9300

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BRIDGE TYPICAL SECTION
(INTERIOR BENT 2)

COUNTY: ORANGEBURG ROUTE: S-39

INDEX OF SHEETS

- 1. TITLE SHEET
- 2. BRIDGE PLAN AND PROFILE
- 3. BRIDGE TYPICAL SECTION (END BENT 1)
- 4. BRIDGE TYPICAL SECTION (INTERIOR BENT 2)
- 5. BRIDGE TYPICAL SECTION (END BENT 3)



SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION



PROPOSED PLANS
FOR
ORANGEBURG COUNTY
PROJECT ID P044269
ROUTE S-191 (MIDDLE WILLOW RD)
REPLACE BRIDGE OVER ROBERTS SWAMP

DESIGN REFERENCE FOR THESE PLANS IS THE:

LVB

SUPPLEMENTAL DESIGN CRITERIA FOR
LOW VOLUME BRIDGE REPLACEMENT PROJECTS

SITE LOCATION



APPROXIMATE LOCATION OF BRIDGE IS

LATITUDE 33°- 28' - 45" N
LONGITUDE 81°- 03' - 42" W

LAYOUT

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

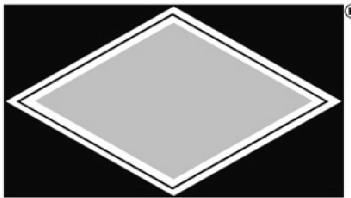
2025 ADT 400 V.P.D.

2045 ADT 450 V.P.D.

TRUCKS 8 %

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NET LENGTH OF BRIDGES	0.017	MILES
NET LENGTH OF PROJECT	0.017	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.017	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 AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF THE FINAL RFP.

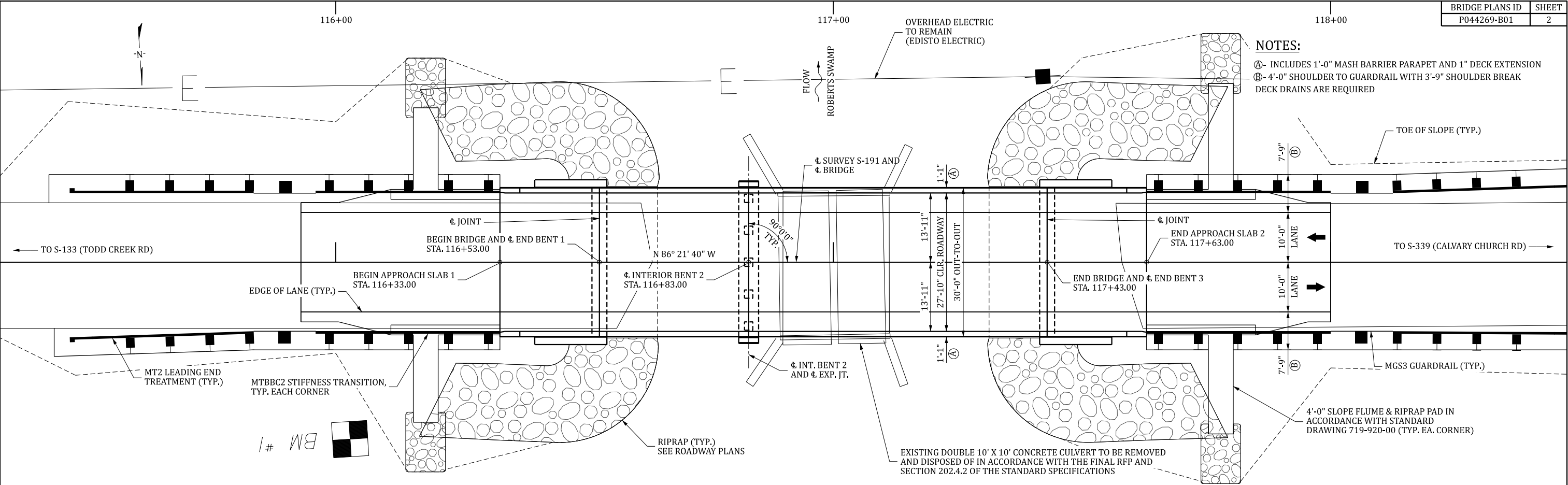


TRANSYSTEMS

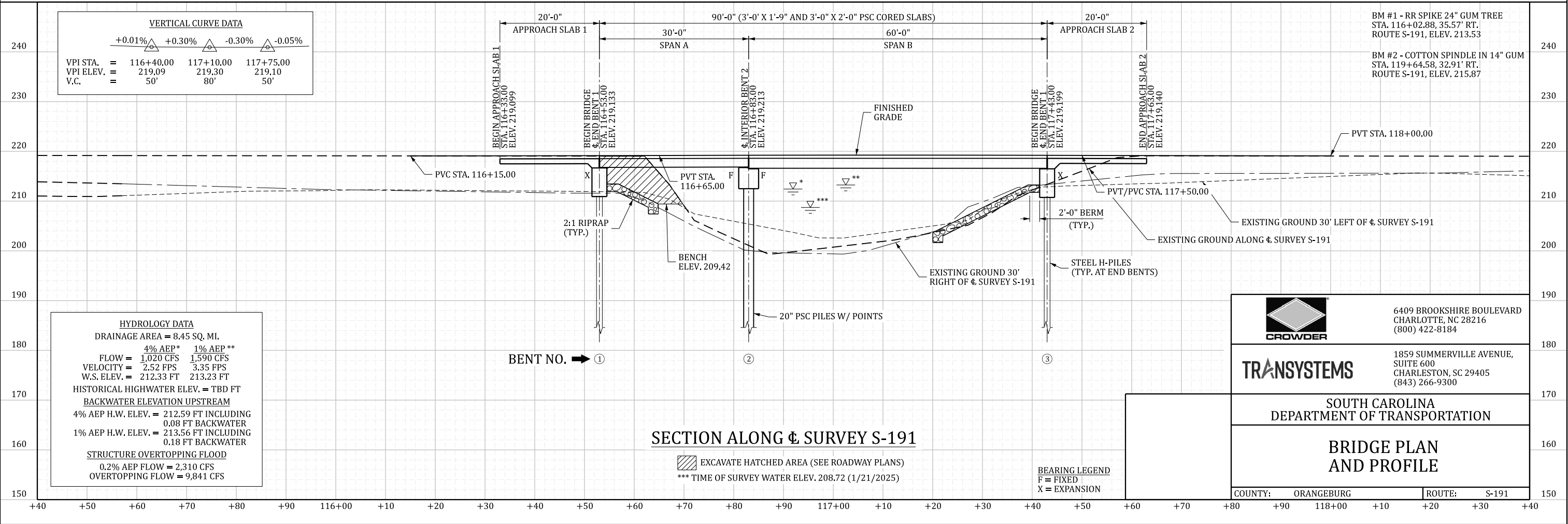
ENGINEER OF RECORD
FOR CONSTRUCTION

REVIEWED VAW		QUAN.		BY		DATE		DESCRIPTION OF REVISION	
DR.	DES.	WBM	MWR	3-25	BY	CHK.	DATE		
		WBM	MWR	3-25	BY	CHK.	DATE		

mwrekers 3/11/2025 11:22:53 AM S-191_700-SPP.dgn



PLAN



SECTION ALONG Survey S-191

6409 Brookshire Boulevard
Charlotte, NC 28216
(800) 422-8184

1859 Summerville Avenue,
Suite 600
Charleston, SC 29405
(843) 266-9300

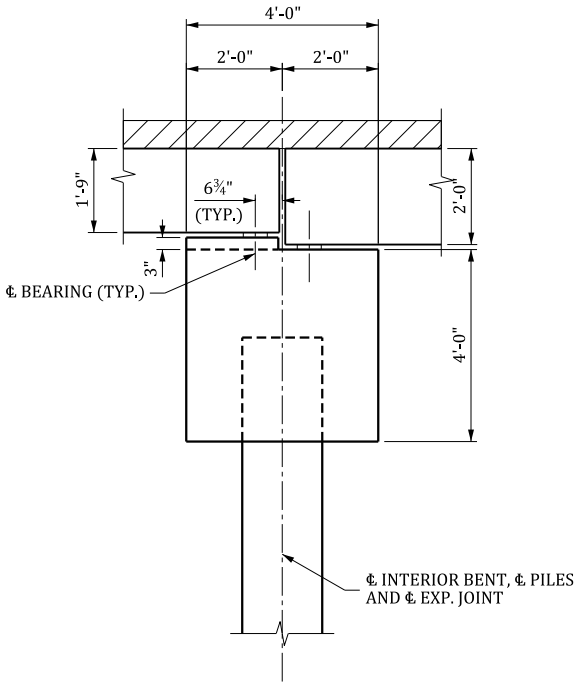
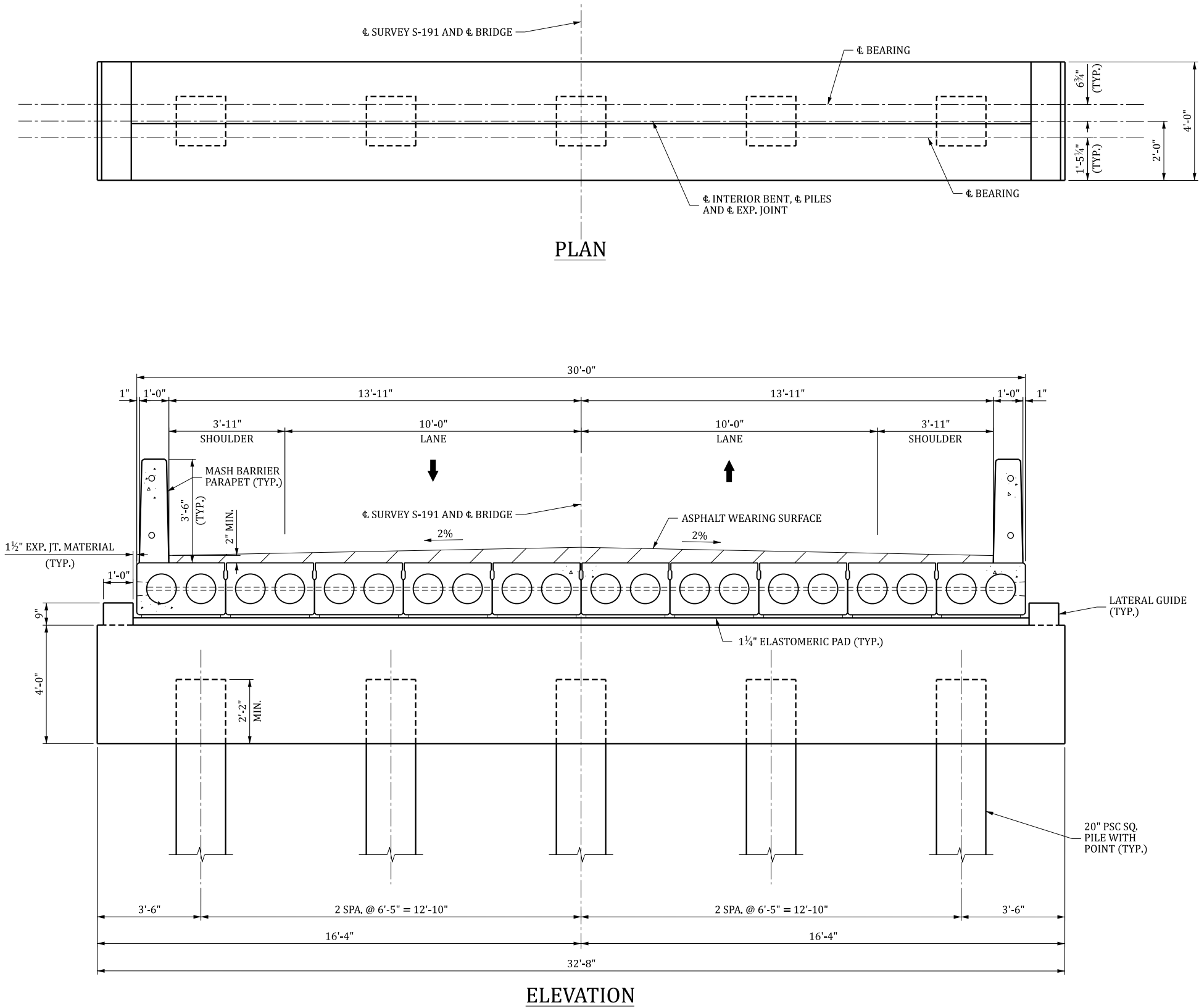
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION


BRIDGE PLAN
AND PROFILE

COUNTY:	ORANGEBURG	ROUTE:	S-191
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REVIEWED		VAU		mwrckers 3/11/2025 11:23:04 AM S-191_BridgeTyp2.dgn			
QUAN.		WB	MWR	03-25			
DR.		WB	MWR	03-25			
DES.		WB	MWR	03-25			
		BY	CHK.	DATE	DESCRIPTION OF REVISION		

BRIDGE PLANS ID	SHEET
P044269-B01	4



	6409 BROOKSHIRE BOULEVARD CHARLOTTE, NC 28216 (800) 422-8184	
	1859 SUMMERVILLE AVENUE, SUITE 600 CHARLESTON, SC 29405 (843) 266-9300	
	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
	BRIDGE TYPICAL SECTION (INTERIOR BENT 2)	
COUNTY:	ORANGEBURG	ROUTE: S-191

- INDEX OF SHEETS
- 1. TITLE SHEET
 - 2. BRIDGE PLAN AND PROFILE
 - 3. BRIDGE TYPICAL SECTION (END BENTS 1 & 2)



PROPOSED PLANS
FOR
ORANGEBURG COUNTY
PROJECT ID P044270
ROUTE S-634 (DEER TRAIL RD)
REPLACE BRIDGE OVER COOPER SWAMP

DESIGN REFERENCE FOR THESE PLANS IS THE:

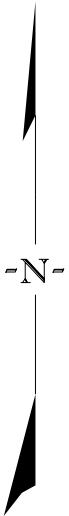
LVB

SUPPLEMENTAL DESIGN CRITERIA FOR
LOW VOLUME BRIDGE REPLACEMENT PROJECTS

SITE LOCATION



LAYOUT



APPROXIMATE LOCATION OF BRIDGE IS

LATITUDE 33°- 24' - 06" N

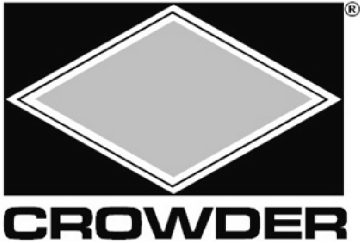
LONGITUDE 80°- 59' - 05" W

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

NET LENGTH OF ROADWAY	0.000	MILES
NET LENGTH OF BRIDGES	0.013	MILES
NET LENGTH OF PROJECT	0.013	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.013	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 AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF THE FINAL RFP.



TRANSYSTEMS

ENGINEER OF RECORD
FOR CONSTRUCTION

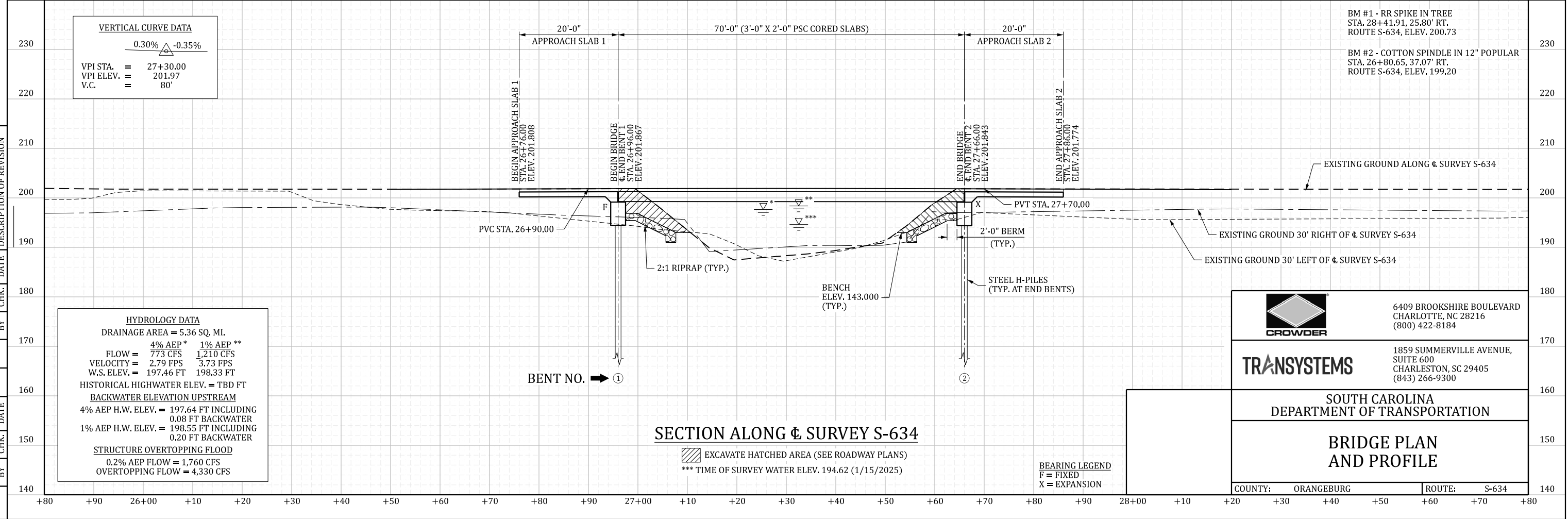
REVIEWED VAW 3-25 DATE
DR. WBM MWR BY CHK.
mwrckers 3/11/2025 11:23:15 AM S-634_700-01_TITLE_SHT.dgn

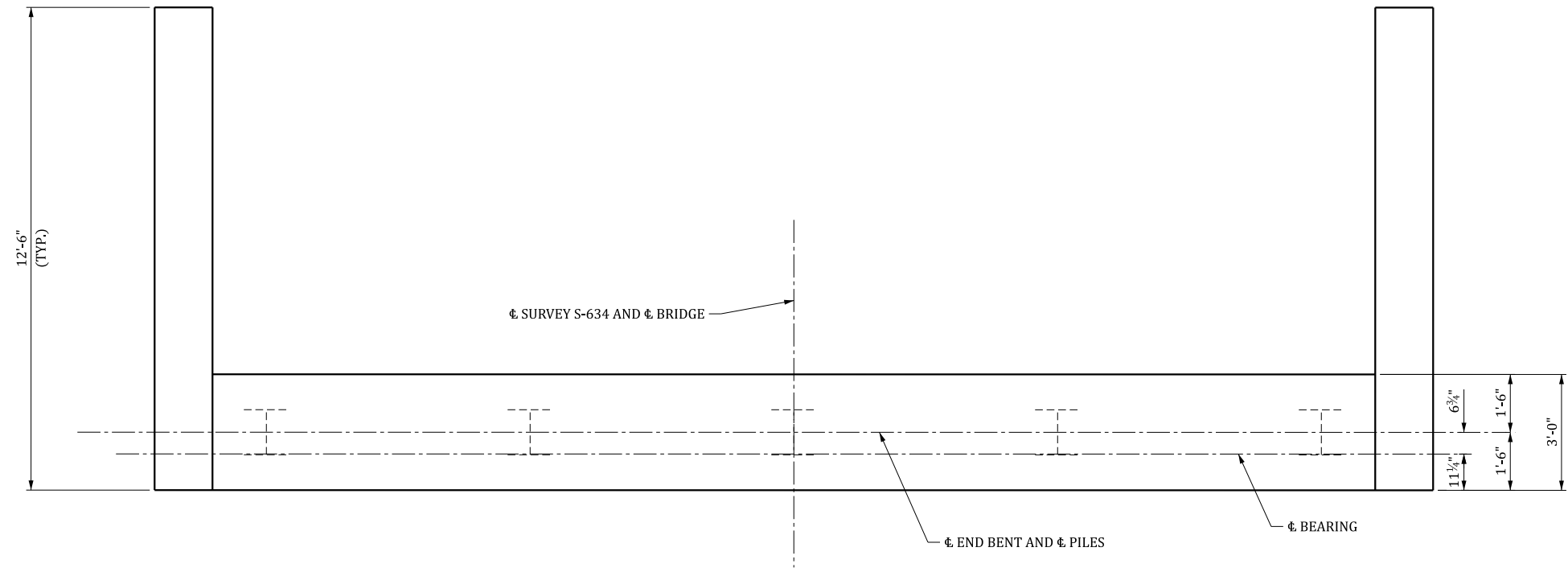
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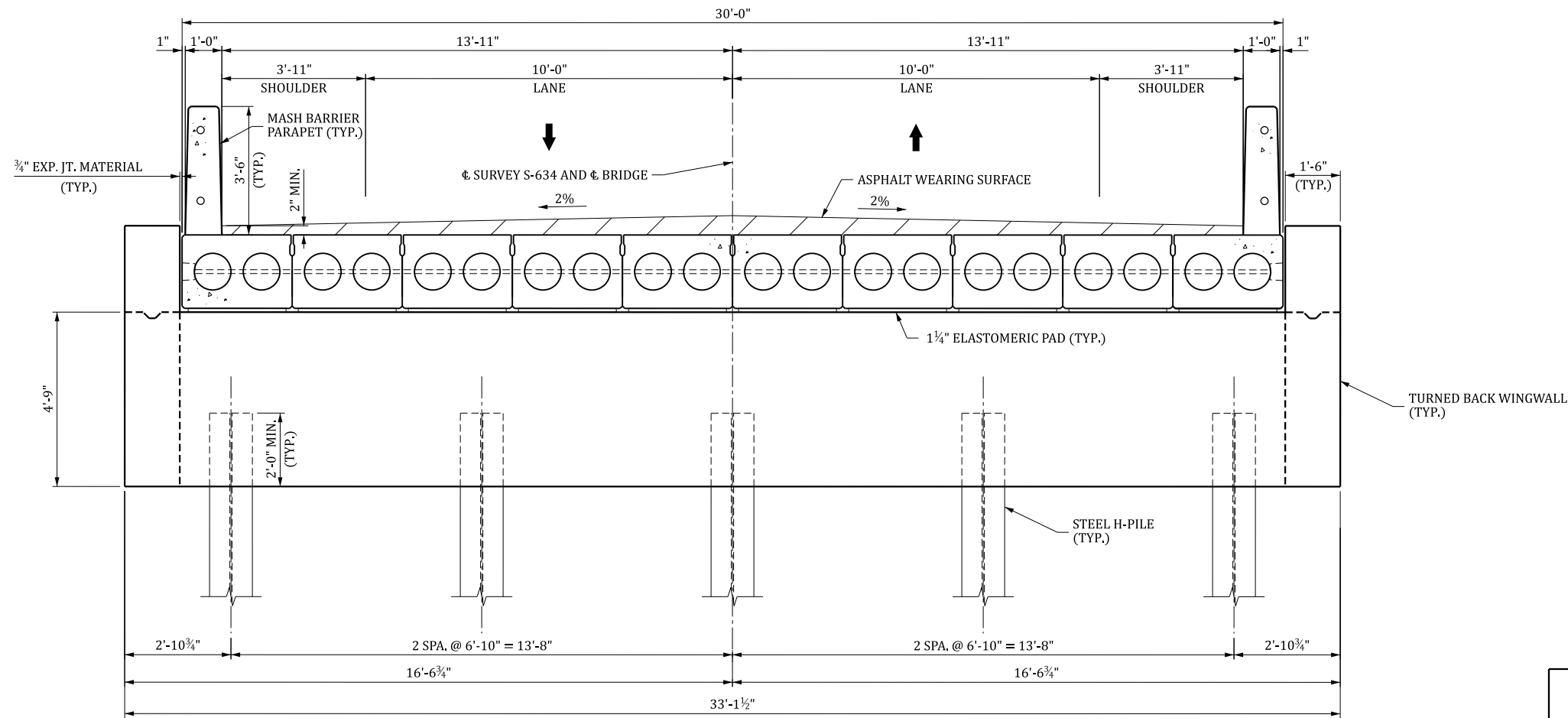
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TRUCKS 1 %

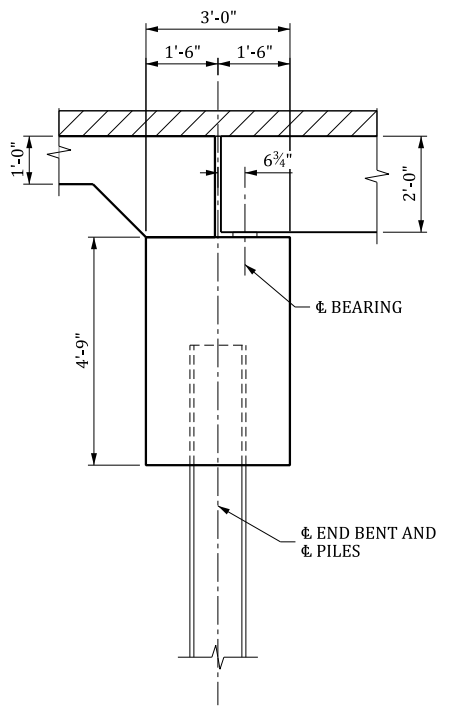




PLAN





ELEVATION



SECTION

REV.						
REV.						
REV.						
	BY	CHK.	DATE	DESCRIPTION OF REVISION		

REVIEWED		VAU
QUAN.		
DR.	WBM	MWR 03-25
DES.	WBM	MWR 03-25
	BY	CHK. DATE

	6409 SUMMERSVILLE BOULEVARD CHARLOTTE, NC 28216 (800) 422-8184
	1859 SUMMERSVILLE AVENUE, SUITE 600 CHARLESTON, SC 29405 (843) 266-9300
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
BRIDGE TYPICAL SECTION (END BENTS 1 & 2)	
COUNTY: ORANGEBURG	ROUTE: S-634

INDEX OF SHEETS

- 1. TITLE SHEET
- 2. BRIDGE PLAN AND PROFILE
- 3. BRIDGE TYPICAL SECTION (END BENT 1)
- 4. BRIDGE TYPICAL SECTION (END BENT 2)



SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION



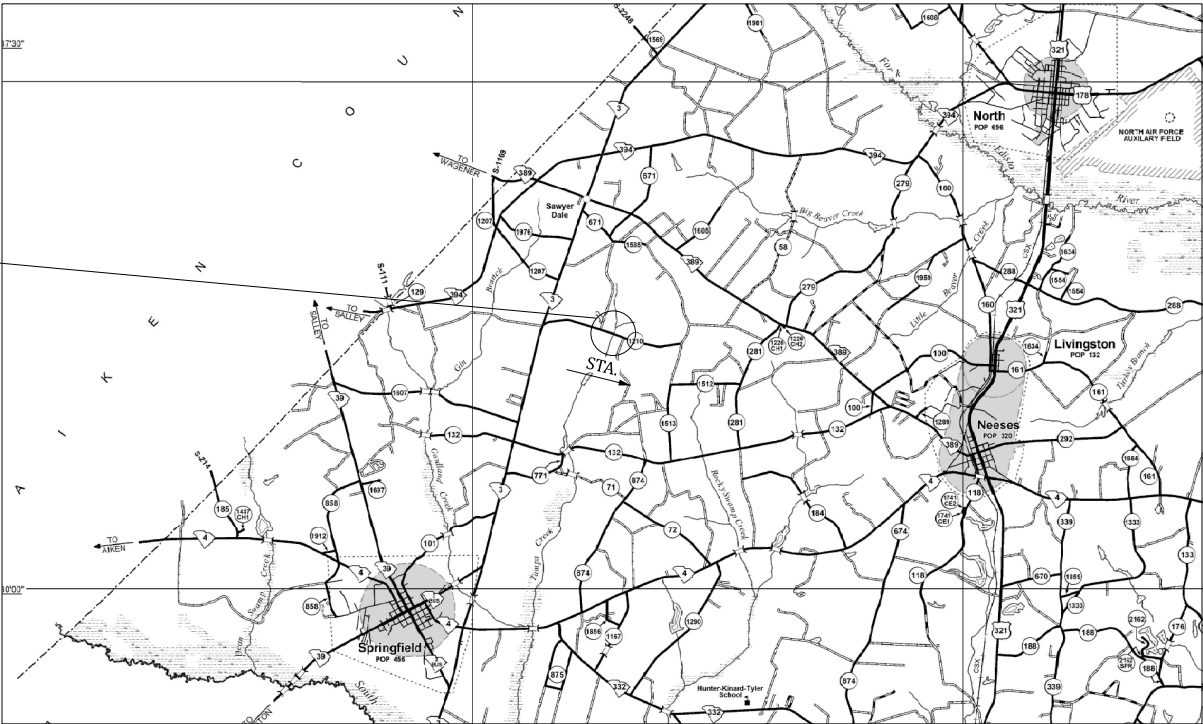
PROPOSED PLANS
FOR
ORANGEBURG COUNTY
PROJECT ID P044271
ROUTE S-1210 (BUFFALO POND RD)
CONSTRUCT BRIDGE OVER TAMPA CREEK

DESIGN REFERENCE FOR THESE PLANS IS THE:

LVB

SUPPLEMENTAL DESIGN CRITERIA FOR
LOW VOLUME BRIDGE REPLACEMENT PROJECTS

SITE LOCATION



LAYOUT

APPROXIMATE LOCATION OF BRIDGE IS

LATITUDE 33°- 33' - 37" N
LONGITUDE 81°- 13' - 24" W

-N-



CROWDER

TRANSYSTEMS

ENGINEER OF RECORD
FOR CONSTRUCTION

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

2025 ADT 175 V.P.D.

2045 ADT 225 V.P.D.

TRUCKS 5 %

NET LENGTH OF ROADWAY	0.000	MILES
NET LENGTH OF BRIDGES	0.009	MILES
NET LENGTH OF PROJECT	0.009	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.009	MILES

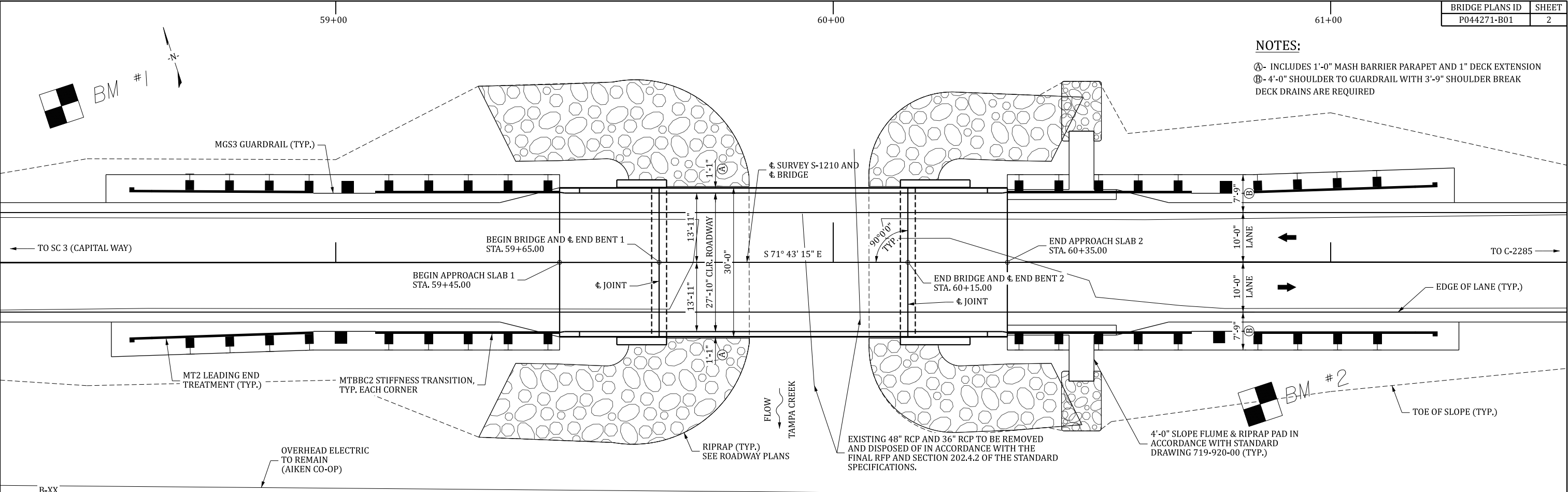
NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT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

REVIEWED VAW 3-25 DATE
DR. WBM MWR BY CHK. DATE
mwrekers 3/11/2025 11:23:35 AM S-1210_700-01_TITLE_SHT.dgn

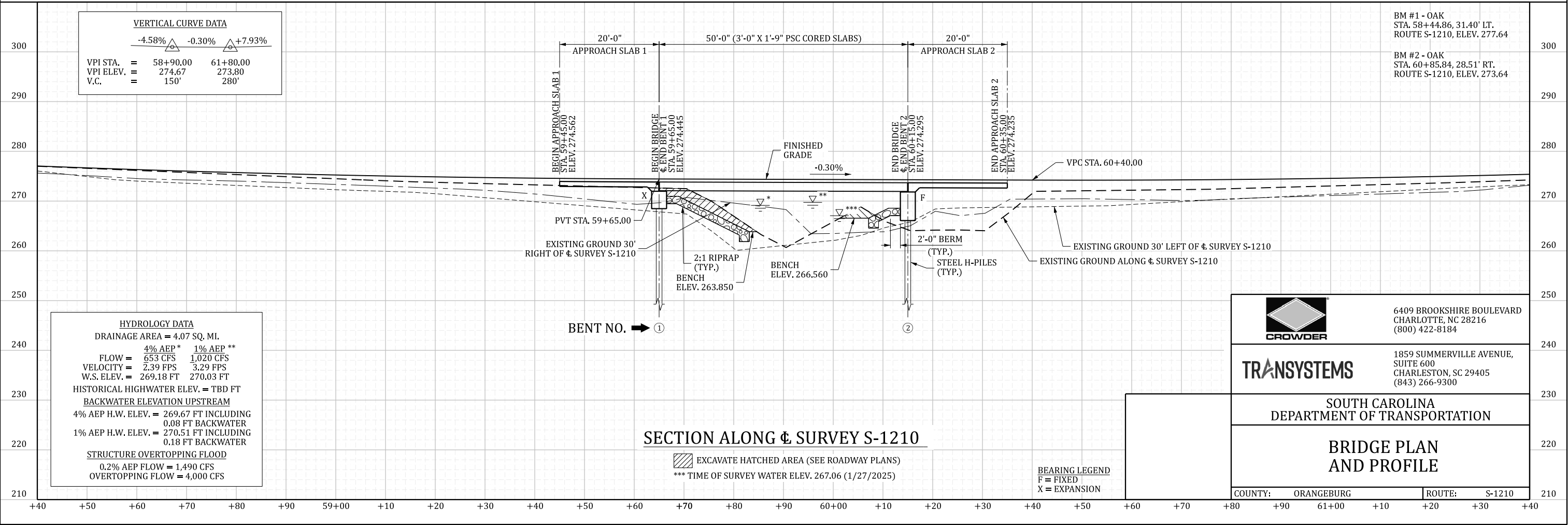
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REVIEWED		VAU	
QUAN.		WBM	MWR
DR.	3-25	WBM	MWR
DES.	3-25	WBM	MWR
		BY	CHK.
		DATE	

REV.	CHK.	DATE	DESCRIPTION OF REVISION



PLAN



SECTION ALONG ϕ SURVEY S-1210

BEARING LEGEND
F = FIXED
X = EXPANSION

NOTES:

- Ⓐ- INCLUDES 1'-0" MASH BARRIER PARAPET AND 1" DECK EXTENSION
 - Ⓑ- 4'-0" SHOULDER TO GUARDRAIL WITH 3'-9" SHOULDER BREAK
- DECK DRAINS ARE REQUIRED



6409 BROOKSHIRE BOULEVARD
CHARLOTTE, NC 28216
(800) 422-8184

TRANSYSTEMS

1859 SUMMERVILLE AVENUE,
SUITE 600
CHARLESTON, SC 29405
(843) 266-9300

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BRIDGE PLAN
AND PROFILE

COUNTY: ORANGEBURG ROUTE: S-1210

- INDEX OF SHEETS
- 1. TITLE SHEET
 - 2. BRIDGE PLAN AND PROFILE
 - 3. BRIDGE TYPICAL SECTION (END BENTS 1 & 2)



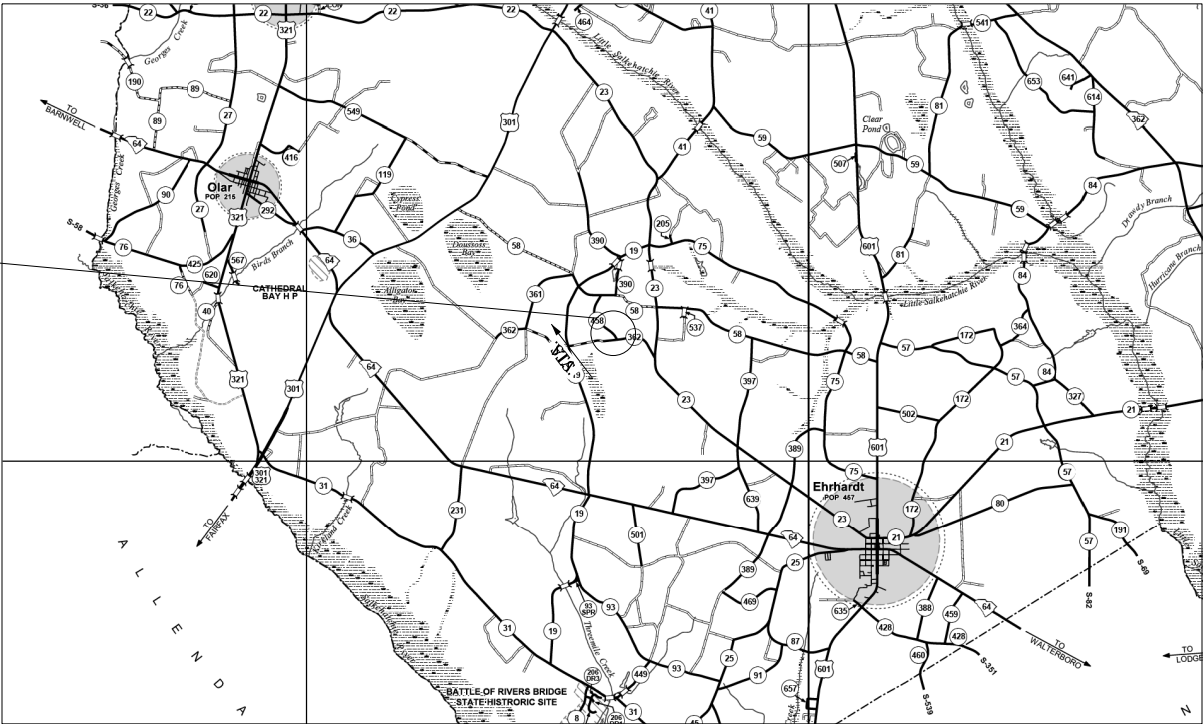
PROPOSED PLANS
FOR
BAMBERG COUNTY
PROJECT ID P044315
ROUTE S-458 (INDIAN CAMP RD)
CONSTRUCT BRIDGE OVER INDIAN CAMP BRANCH

DESIGN REFERENCE FOR THESE PLANS IS THE:

LVB

SUPPLEMENTAL DESIGN CRITERIA FOR
LOW VOLUME BRIDGE REPLACEMENT PROJECTS

SITE LOCATION



LAYOUT

APPROXIMATE LOCATION OF BRIDGE IS

LATITUDE 33°- 08' - 44" N

LONGITUDE 81°- 05' - 07" W



ENGINEER OF RECORD
FOR CONSTRUCTION

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

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2045 ADT 170 V.P.D.

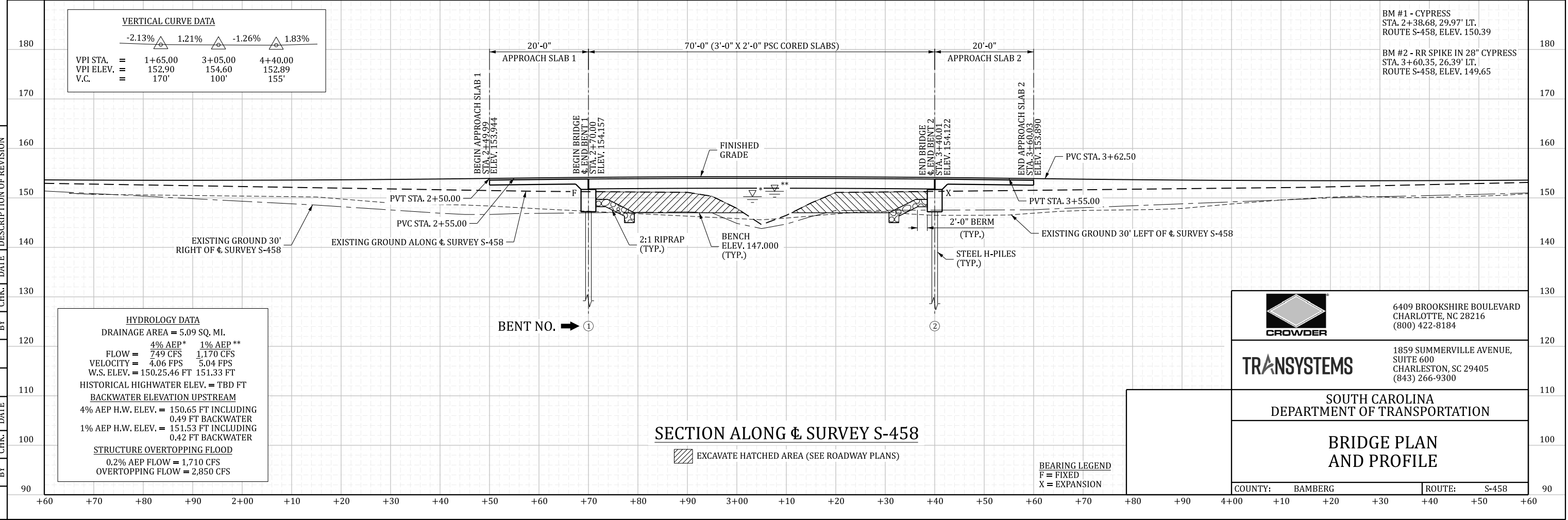
TRUCKS 5 %

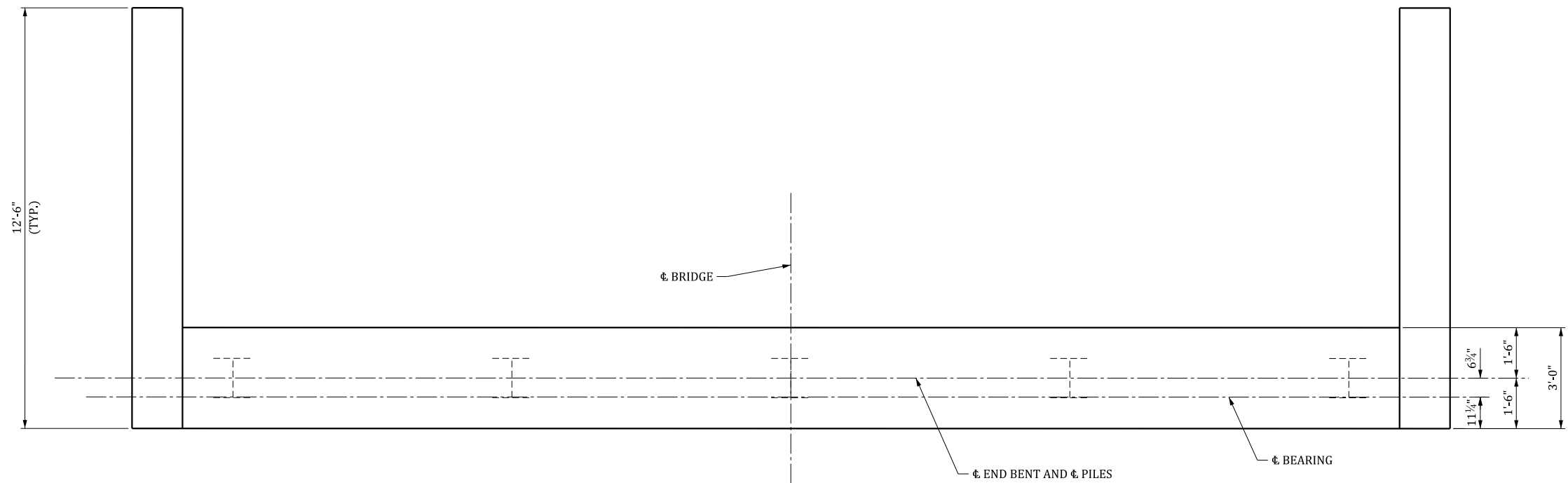
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NET LENGTH OF BRIDGES	0.013	MILES
NET LENGTH OF PROJECT	0.013	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.013	MILES

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 AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF THE FINAL RFP.

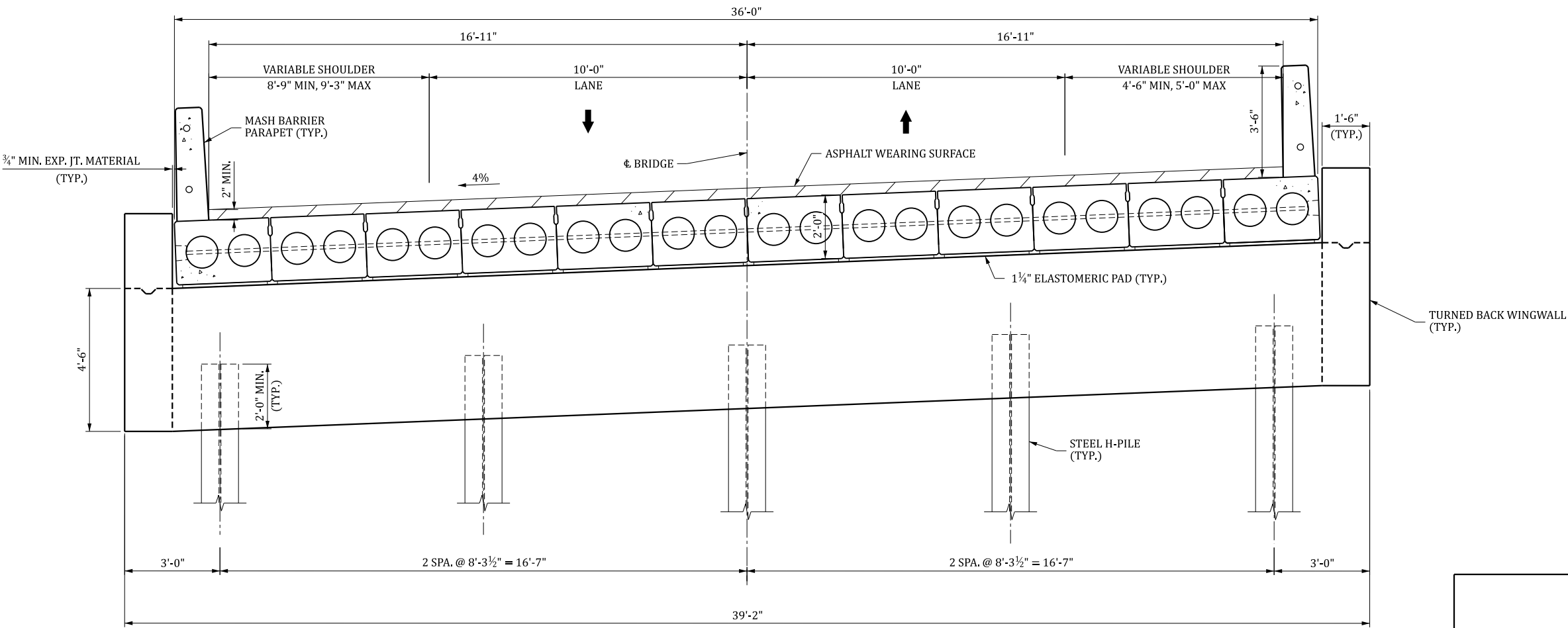
REVIEWED VAW 3-25
DR. WBM MWR
BY CHK. DATE

mwrekers 3/11/2025 11:23:59 AM S-458_700-01_TITLE_SHT.dgn

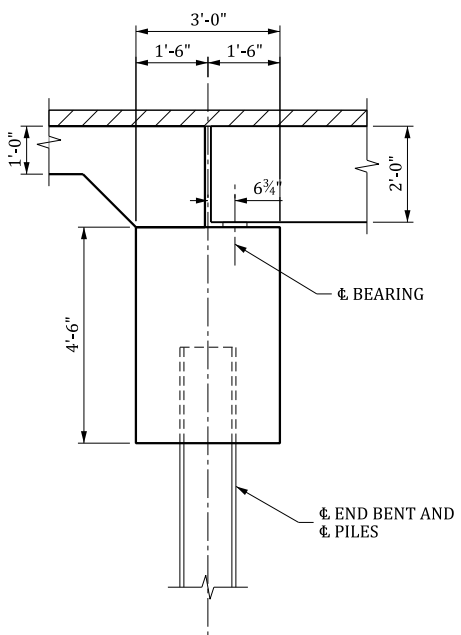




PLAN




ELEVATION



SECTION

REVIEWED	VAU	
	QUAN.	
DR.	WBM	MWR 03-25
DES.	WBM	MWR 03-25
BY	CHK.	DATE
REV.		
REV.		
REV.		

	6409 SUMMERVILLE AVENUE CHARLOTTE, NC 28216 (800) 422-8184
<h1>TRANSYSTEMS</h1>	1859 SUMMERVILLE AVENUE, SUITE 600 CHARLESTON, SC 29405 (843) 266-9300
<p style="text-align: center;">SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION</p>	
<p style="text-align: center;">BRIDGE TYPICAL SECTION (END BENTS 1 & 2)</p>	
COUNTY: BAMBERG	ROUTE: S-458



Burke Rd. (S-22) over Caw Caw Swamp



Cannon Bridge Rd. (S-39) over Cooper Swamp



Middle Willow Rd. (S-191) over Roberts Swamp



Indian Camp Rd. (S-458) over Indian Camp



Deer Trail Rd. (S-634) over Cooper Swamp



Buffalo Pond Rd. (S-1210) over Tampa Creek

Appendix B



TRANSYSTEMS

11. NON-COLLUSION CERTIFICATION

NON-COLLUSION CERTIFICATION

Project ID: 5772040

IN ACCORDANCE WITH THE PROVISIONS OF S.C. CODE ANN. §§ 39-3-10 ET. SEQ., 39-5-10 ET. SEQ., 15 U.S.C. §45; 23 C.F.R. §635.112(F); AND 28 U.S.C. §1746, I HEREBY ACKNOWLEDGE THAT I AM AN OFFICER OF THE PROPOSER FIRM AND, UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES AND SOUTH CAROLINA, DECLARE, BY MY CERTIFICATION BELOW, THAT THE FOLLOWING IS TRUE AND CORRECT, AND FURTHER, THAT THIS FIRM, ASSOCIATION OR CORPORATION HAS NOT, EITHER DIRECTLY OR INDIRECTLY, ENTERED INTO ANY AGREEMENT, PARTICIPATED IN ANY COLLUSION, OR OTHERWISE TAKEN ANY ACTION IN RESTRAINT OF FREE COMPETITIVE BIDDING IN CONNECTION WITH THE SUBMISSION OF A BID PROPOSAL ON THE ABOVE REFERENCED PROJECT.

BY CHECKING THIS BOX ☒, I CERTIFY THAT I HAVE READ, UNDERSTAND, ACCEPT, AND ACKNOWLEDGE ALL OF THE ABOVE STATEMENTS.

Executed on 3/03/2025
(Date)

Signed: 
(Officer/Proposer)

Executive Vice President
(Title)

PO Box 30007, Charlotte, NC 28230
(Address)

12. EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

(COMPLETE THIS SECTION FOR FEDERAL PROJECTS ONLY) EQUAL EMPLOYMENT OPPORTUNITY PERFORMANCE

Select the Certification that applies to the PROPOSER:

Certification (1) ☒ or Certification (2) ☐

Select the appropriate responses in the applicable Certification:

Certification (1): Pursuant to 41 C.F.R. §60-1.7(b)(1), Previous Equal Employment Opportunity Performance Certification, as the Prospective Prime Contractor, I HEREBY CERTIFY THAT I:

(a) **(HAVE / HAVE NOT)** developed and filed an Affirmative Action Program pursuant to 41 C.F.R. §60-2 and/or 60-4;

(b) **(HAVE / HAVE NOT)** participated in a previous contract or subcontract subject to the equal opportunity clause;

(c) **(HAVE / HAVE NOT)** filed with the Joint Reporting Committee, the Director of Office of Federal Contract Compliance, or the Equal Employment Opportunity Commission, all reports due under the applicable filing requirements,

OR

Certification (2): I, HEREBY CERTIFY that as the Prospective Prime Contractor submitting this Proposal, **(CLAIM / DO NOT CLAIM)** exemption from the submission of the Standard Form 100 (EEO-1) due to the fact that it employs a total of less than fifty (50) employees under C.F.R. §60-1.7, or qualifies for an exempted status under 41 C.F.R. §60-1.5.

I FURTHER CERTIFY that the above Certification will be made part of any Subcontract Agreement involved with this project.

Executed on 3/3, 20 25

Signed: 
(Officer/PROPOSER)

Title: Executive Vice President

Company: Crowder Construction Company

Address: PO Box 30007, Charlotte, NC 28230

Note: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41 CFR 60-1.7(b)(1)), and must be submitted by PROPOSERS only in connection with contracts which are subject to the equal opportunity clause. Contracts that are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally, only contracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by Executive Orders or their implementing regulations.

Proposers, Primary Members, or proposed Contractors and Consultants who have participated in a previous contract subject to the Executive Orders and have not filed the required reports shall note that 41 CFR 60-1.7(b)(1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

DISCLOSURE OF POTENTIAL CONFLICT OF INTEREST CERTIFICATION

PROPOSER hereby indicates that it has, to the best of its knowledge and belief has:

 X Determined that no potential organizational conflict of interest exists.

 Determined a potential organizational conflict of interest as follows:

Attach additional sheets as necessary.

1. Describe nature of the potential conflict(s):

2. Describe measures proposed to mitigate the potential conflict(s):



Signature

03/03/2025

Date

George F Ellis

Print Name

Crowder Construction Company

Company

If a potential conflict has been identified, please provide name and phone number for a contact person authorized to discuss this disclosure certification with Department of Transportation contract personnel.

Name

Phone

Company

13. STIPEND ACKNOWLEDGEMENT FORM

Stipend Acknowledgement Form

Bridge Package 32 Bamberg, Calhoun, and Orangeburg Counties

Proposer: Crowder Construction Company

ADDRESS: PO Box 30007, Charlotte, NC 28230

The undersigned Proposer, hereby:

☐

Waives the stipend for this Project.

☒

Accepts the stipend for this Project.

By accepting the stipend for this Project, Proposer agrees:

1) to execute and include the Stipend Agreement in Article XIII of the RFP with its RFP response;

2) to submit an invoice with FEIN number for the stipend amount to the SCDOT POC after SCDOT's posting of the Notice of Award on SCDOT's Design-Build Website.;

3) to transfer all rights to its Work Product used to develop the Proposal as of the date of this acknowledgement. "Work Product" means all submittals, ideas, innovations, solutions, methods, processes, design concepts, materials, electronic files, marked up drawings, cross sections, quantity lists and intellectual property, made by Proposer during the RFP process, including the Proposal, exchange of information during the pre-Proposal and post-Proposal period.

SCDOT will pay the stipend to each eligible unsuccessful Proposer, who has signed a Stipend Agreement, within ninety (90) days after execution of the Contract or the decision to not award a contract.

3/03/2025

Date

George F Ellis
Proposer

George F Ellis, Executive Vice President

Print Name

14. STIPEND AGREEMENT

STIPEND AGREEMENT

Project ID: 5772040

Bridge Package 32

Bamberg, Calhoun, and Orangeburg Counties

THIS STIPEND AGREEMENT (the "Agreement") is made and entered into as of the 3rd day of March, 2025 by and between the SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION (hereinafter "SCDOT"), and Crowder Construction Company ("Proposer"), with reference to the following facts:

SCDOT issued a Request for Proposal ("RFP") for design and construction of the above-referenced Design-Build Project ("Project"), pursuant to procurement authority granted in Section 57-5-1625 of the S.C. Code of Laws, 1976, as amended. The RFP provided for payment of stipends as provided herein. Capitalized terms used, but not defined, have the meanings ascribed in the RFP.

NOW, THEREFORE, Proposer hereby agrees as follows:

1. Work Product.

1.1 Proposer shall prepare and submit a responsible and responsive Technical Proposal and Cost Proposal that conforms in all material respects to the requirements and provisions of the RFP, as determined by SCDOT, and are timely received by SCDOT in accordance with the RFP Milestone Schedule.

1.2 By signing this Stipend Agreement, Proposer agrees to transfer full and complete ownership to SCDOT of all Work Product. The Work Product (as defined below) shall become the property of SCDOT without restriction or limitation on its use, without further compensation or consideration, and can be used in connection with this Project or any future projects by SCDOT. Neither Proposer nor any of its team members shall copyright any of the material developed under this Agreement.

1.3 The term "Work Product" shall mean the Proposal and all material, electronic files, marked up drawings, cross sections, quantity lists, submittals, ideas, innovations, solutions, methods, processes, design concepts, Trade Secrets or confidential information, and intellectual property, made by or produced for Proposer in the development and submission of the Technical and Cost Proposal, including exchanges of information during the pre-Proposal and post-Proposal period.

2. Compensation and Payment.

2.1 A stipend to Proposer for the Work Product described herein shall be \$65,000.00 and is payable to Proposer that was determined to be responsible and (1) submitted a responsive Technical Proposal and responsive Cost Proposal to the RFP which is not selected for award of this Project, or (2) was awarded the Contract but the Contract was terminated by SCDOT for convenience after the Submittal of Proposal Due Date (See Final RFP Milestone schedule) but prior to the Notice to Proceed #1. Responsibility of Proposers and responsiveness of the Technical Proposal and Cost Proposal will be determined by SCDOT as a condition of payment.

2.2 SCDOT will pay the stipend to Proposer as follows, subject (as applicable) to the following conditions:

- (a) Proposer has submitted this signed Stipend Agreement, unchanged with its response to the RFP.
- (b) After posting of the Notice of Award on SCDOT's Design-Build Website, Proposer has submitted to SCDOT an invoice, with FEIN Number, for the Stipend amount.
- (c) After execution of the Contract or the decision not to award a contract, SCDOT will pay the invoice for the stipend amount to the unsuccessful Proposer meeting the criteria of Section 2.1 within 90 calendar days of receipt of the invoice from Proposer.
- (d) If the procurement is suspended or cancelled prior to the Proposal Due Date (see FINAL RFP Milestone schedule), no stipend will be paid to Proposer.
- (e) After the submittal of Proposals, but prior to award, if the procurement is cancelled, all Proposers that provide a responsive Technical Proposal and Cost Proposal to the final RFP and submitted a signed Stipend Agreement with their RFP shall receive the stipend.
- (f) In the event of a Best and Final Offer, only one stipend will be paid to each Proposer that executed a Stipend Agreement and met the other criteria and conditions herein.
- (g) No stipends will be paid to a Proposer who withdraws at any time from this procurement.

2.3 Acceptance by the Proposer of payment of the stipend amount from SCDOT shall constitute a waiver by Proposer of any and all right, equitable or otherwise, to bring any claim in connection with this procurement, procurement process, award of the Contract, or cancellation of this procurement.

2.4 The Proposer awarded the contract shall be not eligible to receive a stipend.
2.5 If Proposer elects to waive payment of the stipend, SCDOT will not use the ideas or information contained in that Proposer's Proposal for this Project. However, the Proposer's Proposal will be subject to the South Carolina Freedom of Information Act.

3. Indemnities.

3.1 Subject to the limitations contained in Section 3.2, Proposer shall indemnify, protect and hold harmless SCDOT and its directors, officers, employees and contractors from, and Proposer shall defend at its own expense, all claims, costs, expenses, liabilities, demands, or suits at law or equity arising, in whole or in part, from the negligence or willful misconduct of Proposer or any of its agents, officers, employees, representatives or subcontractors or breach of any of Proposer's obligations under this Agreement.

3.2 This indemnity shall not apply with respect to any claims, demands or suits arising from use of the Work Product by SCDOT.

4. Compliance With Laws.

4.1 Proposer shall comply with all federal, state, and local laws, ordinances, rules, and regulations applicable to the work performed or paid for under this Agreement and covenants and agrees that it and its employees shall be bound by the standards of conduct provided in applicable laws, ordinances, rules, and regulations as they relate to work performed under this Agreement. Proposer agrees to incorporate the provisions of this paragraph in any subcontract into which it might enter with reference to the work performed pursuant to this Agreement.

4.2 The Proposer agrees (a) not to discriminate in any manner against an employee or applicant for employment because of race, color, religion, creed, age, sex, marital status, national origin, ancestry or disability of a qualified individual with a disability; (b) to include a provision similar to that contained in subsection (a) in any subcontract; and (c) to post and to cause subcontractors to post in conspicuous places available to employees and applicants for employment, notices setting forth the substance of this clause.

5. Assignment.

Proposer shall not assign this Agreement without SCDOT's prior written consent. Any assignment of this Agreement without such consent shall be null and void.

6. Miscellaneous.

6.1 Proposer and SCDOT agree that Proposer, its team members, and their respective employees are not agents of SCDOT as a result of this Agreement.

6.2 This Agreement, together with the RFP, as amended from time to time, the provisions of which are incorporated herein by reference, embodies the entire agreement of the parties. There are no promises, terms, conditions, or obligations other than those contained herein or in the RFP, and this Agreement shall supersede all previous communications, representation, or agreements, either oral or written, between the parties hereto.

6.3 It is understood and agreed by the parties hereto that if any part, term, or provision of this Agreement is by the courts held to be illegal or in conflict with any law of the State of South Carolina, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term, or provisions to be invalid.

6.4 This Agreement shall be governed by and construed in accordance with the laws of the State of South Carolina.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

Witness:

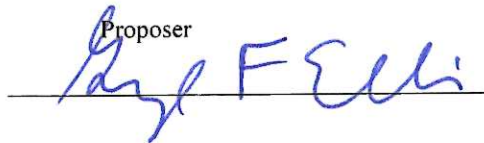
SOUTH CAROLINA DEPARTMENT
OF TRANSPORTATION

By: _____
Jae Mattox
Preconstruction Alternative Delivery Engineer

Recommended:

Tyler A. Clark

Proposer



NOTICE OF RECEIPT
Bridge Package 32
Design-Build – Contract ID 5772040
Bamberg, Calhoun, and Orangeburg Counties

Addendum 1

The information in this addendum shall be made part of the contract documents. PROPOSERS are instructed to incorporate the information into the previously provided RFP documents.

PROPOSERS are required to sign this document and enclose it with their Technical Proposal. Receipt of this signed document by The South Carolina Department of Transportation serves as confirmation that the PROPOSER has received and incorporated this Addendum into the contract documents.

Confirmation Statement:

I, the PROPOSER confirm that I have received this addendum package and have incorporated the information provided in the addendum into the contract documents.



PROPOSER's Signature

3/6/2025

Date

George F Ellis, Executive Vice President

Printed Name

For: Crowder / TranSystems

Design-Build Team Name



B.e. CONFIDENTIAL AND PROPRIETARY INFORMATION PAGE LIST

Not Applicable.