

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
United States Coast Guard
Seventh District

909 SE 1st Avenue
Miami, FL 33131
Staff Symbol: dpb
Email:
Lisia.j.kowalczyk2@uscg.mil

May 1, 2024

PUBLIC NOTICE 06-24

All interested parties are herein notified that the Commander, Seventh Coast Guard District, has received application materials dated 21 February 2024 from the South Carolina Department of Transportation (SCDOT) through the Federal Highway Administration (FHWA) for approval of location and plans for the replacement of a bridge over a navigable waterway of the United States.

BRIDGE, WATERWAY AND LOCATION: I-95 Bridges over the Savannah River, River mile 28, on Interstate 95 at, between Jasper County, South Carolina and Effingham County, Georgia.

CHARACTER OF WORK: Proposed replacement includes widening I-95 towards the median from 4 lanes to 6 lanes, replacing the dual I-95 bridges over the Savannah River. The purpose of the proposed transportation project is to improve capacity, mobility, and operations along the 10-mile corridor of I-95 and to address operational deficiencies for interchanges and bridges within the project corridor. The existing bridges will be removed completely. Temporary work trestles will be used.

MINIMUM NAVIGATIONAL CLEARANCES:

The proposed replacement bridges will have clearances as described in the table below. The horizontal clearance is a decrease from current clearance over this section of the waterway at or near this mile.

	Existing	Proposed
Vertical	55 feet	58.7 feet
Horizontal	150 feet	100 feet

Datum: NAVD88

ENVIRONMENTAL CONSIDERATIONS:

The FHWA is the lead Federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA). The FHWA is acting on behalf of the U.S. Coast Guard for all environmental control laws. A Categorical Exclusion dated 27 July 2023 and a Finding of No Significant Impact (FONSI) will be issued, pursuant to NEPA, as amended. The U.S. Coast Guard has determined that the proposed action will not have a significant impact for the purposes of NEPA.

A water quality certification in accordance with Section 401 of the Clean Water Act, as amended, for this project was applied for from the South Carolina Health and Environmental Control (SCDHEC) and the Georgia Department of Natural Resources Division-Environmental Protection Division (GADNR-EPD). The project will impact 35.4 acres of wetland. Mitigation credits will be purchased to offset the impacts.

The bridge is located in the floodplain. The 100-year flood elevation is 44.23 feet, while elevation of the low member of the navigation span is 58.7 ft. Elevations are referenced to NAVD88 datum. Fill material placed below mean high water level is limited to the pilings for the construction of the bridge.

The decision as to whether to grant approval of the location and plans for the proposed action rests primarily upon the effect it has on navigation.

SOLICITATION OF COMMENTS:

Mariners are requested to comment on the proposed navigation clearances, placement of a bridge protective system and other navigational safety issues, including need for clearance gauges and extent of nighttime navigation to determine the need for bridge lighting. Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible impacts to navigation.

We will forward comments of an environmental nature such as those regarding wildlife refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, environmental justice, etc. to the FDOT. Comments will be received for the record at the address noted in the header or via email Lisia.j.kowalczyk2@uscg.mil through **June 1, 2024.**

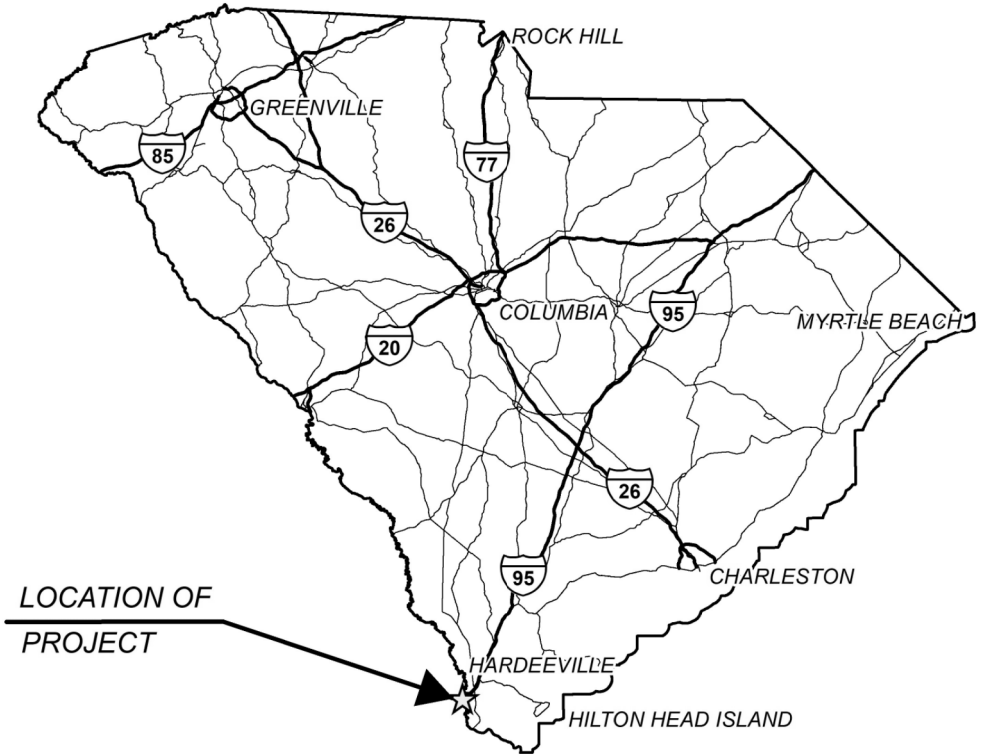
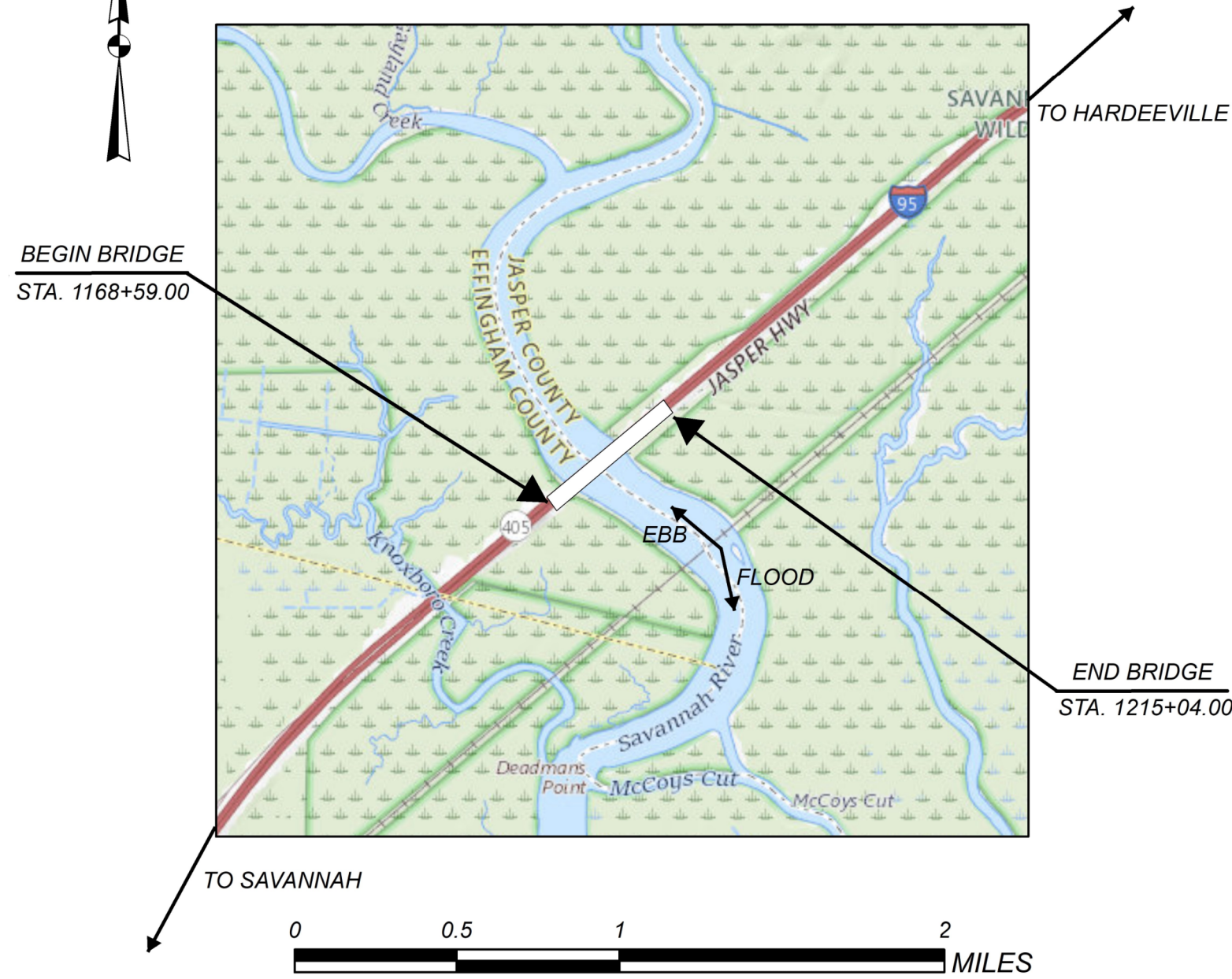
Map of location and plans attached.

Lisia Kowalczyk
Bridge Administrator
By direction of the Commander,
Seventh Coast Guard District

SHEET INDEX

TITLE SHEET	TS
PLAN ELEVATION	EI-E4
CONSTRUCTION SEQUENCE	SI-S2
TOTAL SHEETS	7

FOR USCG PERMITTING ONLY



LOCATION OF PROJECT

PLANS FOR USCG PERMITTING

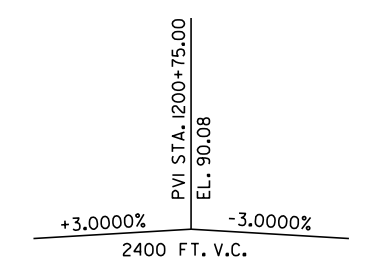
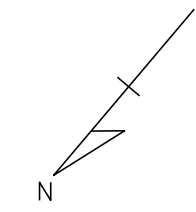
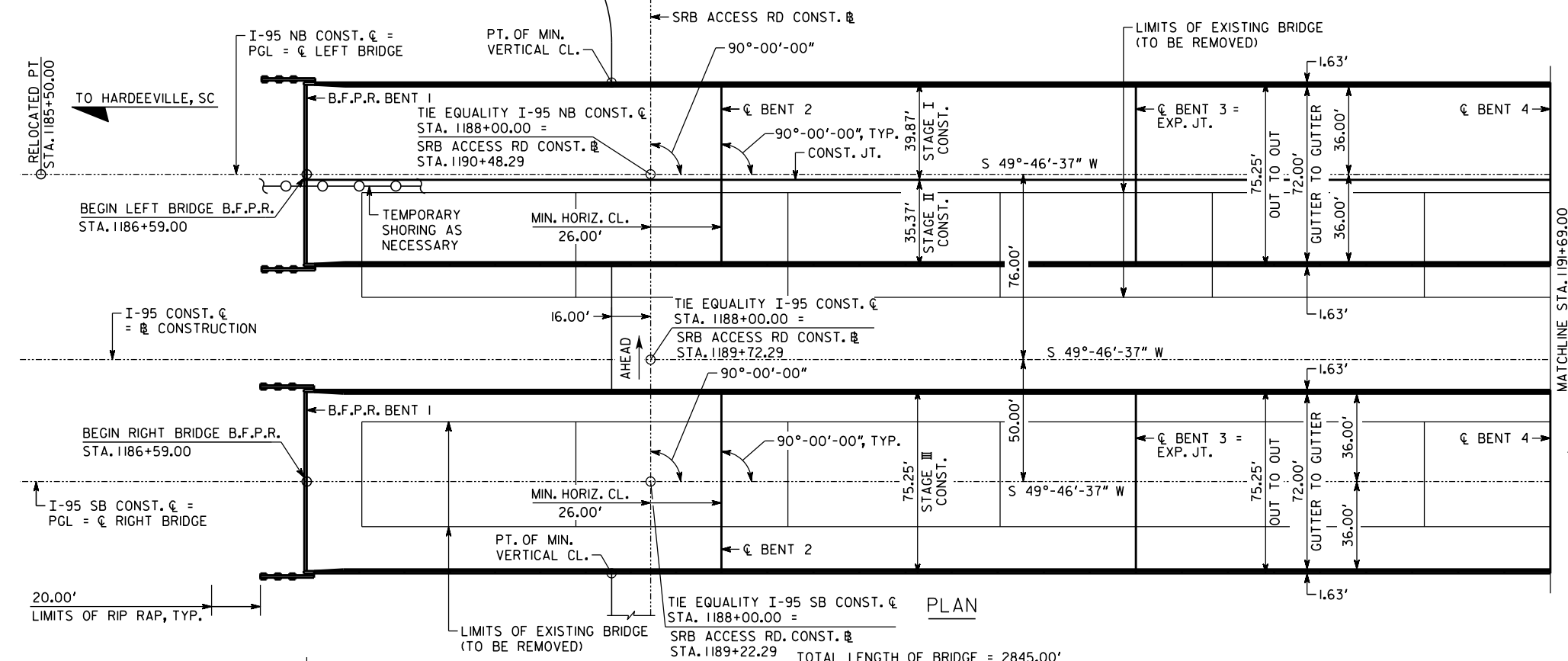
NAME OF WATERWAY:	MILE POINT:
SAVANNAH RIVER	28.0
APPLICANT:	PREPARED FOR:
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	US COAST GUARD
NAME OF BRIDGE:	DRAWING NO.:
I-95 MAINLINE DUAL BRIDGES	TS
	SHEET 1 OF 7



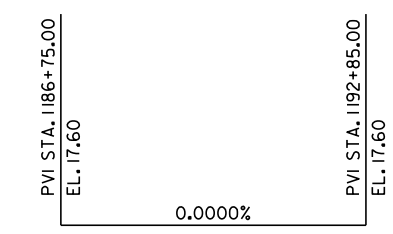
04-29-2024

CONSULTANT:		KCI TECHNOLOGIES, INC. 3014 Southcross Boulevard, Rock Hill, SC 29730 PHONE: (803) 980-6025	
BRIDGE OWNER:		GEORGIA DEPARTMENT OF TRANSPORTATION ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES	
DATE		APRIL 2024	
REVISIONS		I-95 OVER SAVANNAH RIVER	
BY		EFFINGHAM COUNTY, GA JASPER COUNTY, SC NHIM0-0095-01(146)	
		SCALE:	
DESIGNED	JES	CHECKED	WLB/JCM
DRAWN	JES/JTC	DESIGN GROUP	EJF
REVIEWED	SKG/DLC	APPROVED	DPD

FOR USCG PERMITTING ONLY



VERTICAL CURVE DATA
I-95

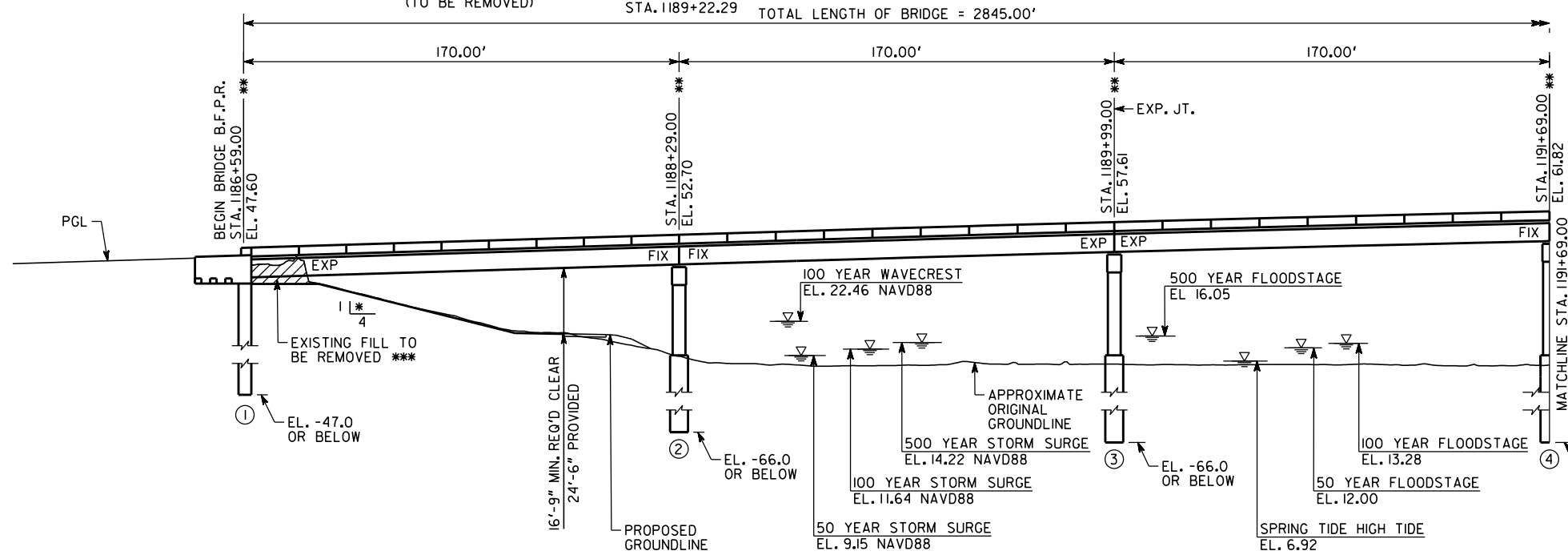


VERTICAL CURVE DATA
SRB ACCESS RD.

NOTES:

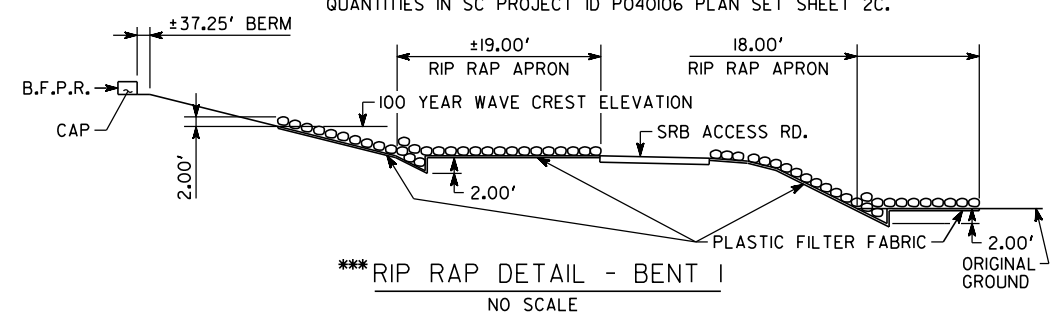
1. ALL BENTS ARE PARALLEL.
- * 2. SLOPE NORMAL TO END BENT.
- ** 3. STATIONS AND ELEVATIONS ARE ALONG PROFILE GRADE LINE AT THE INTERSECTION OF PROFILE GRADE LINE AND B.F.P.R. OR C BENT.
- *** 4. SEE ROADWAY PLANS FOR DETAILS AND PAYMENT (SCDOT PROJECT ID # P040106).
5. END BENT WINGWALL PILES NOT SHOWN.

LEFT BRIDGE SERIAL NO. 103-0025-0 RIGHT BRIDGE SERIAL NO. 103-0026-0
 LEFT BRIDGE I.D. NO. 103-00405D-112.30N RIGHT BRIDGE I.D. NO. 103-00405D-112.31N
 PROJECT P.I. NO. 511250-



ELEVATION

PLACE RIP RAP AND FILTER FABRIC FROM EDGE OF SRB ACCESS RD. TO 2 FT. BELOW ORIGINAL GROUND AND TO 2 FT. ABOVE 100 YEAR WAVE CREST ELEVATION. SEE ROADWAY PLANS FOR ADDITIONAL DETAIL AND THE ROADWAY SEQ FOR QUANTITIES IN SC PROJECT ID P040106 PLAN SET SHEET 2C.



*** RIP RAP DETAIL - BENT 1
NO SCALE

SURVEY DATUM DESCRIPTION
 THE GRID COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON NAD83(2011) SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM. ELEVATIONS FOR THIS PROJECT ARE BASED ON NAVD88 FOR C&GS STATION V 75 1955 WITH AN ELEVATION OF 17.94.



04-29-2024

PLANS FOR USCG PERMITTING

NAME OF WATERWAY: SAVANNAH RIVER	MILE POINT: 28.0
APPLICANT: SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	PREPARED FOR: US COAST GUARD
NAME OF BRIDGE: I-95 MAINLINE DUAL BRIDGES	DRAWING NO. EI
	SHEET 2 OF 7

CONSULTANT:
 KCI TECHNOLOGIES, INC.
 3014 Southcross Boulevard, Rock Hill, SC 29730 PHONE: (803) 980-6025

BRIDGE OWNER:
 GEORGIA
DEPARTMENT OF TRANSPORTATION
 ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

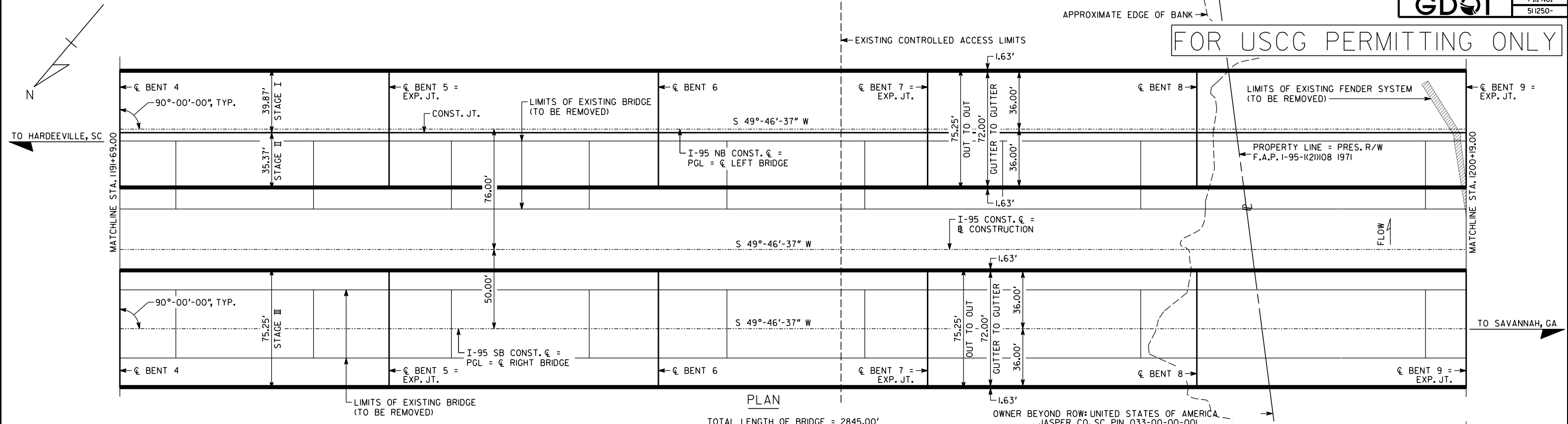
PLAN AND ELEVATION (1 OF 4)
 I-95 OVER SAVANNAH RIVER

EFFINGHAM COUNTY, GA
 JASPER COUNTY, SC
 NHIM0-0095-01(146)

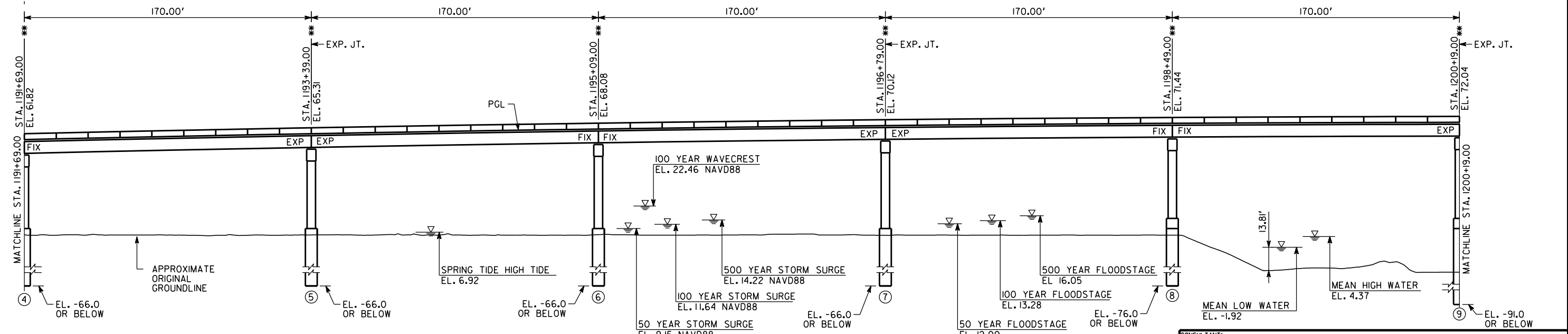
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DESIGNED: JES	CHECKED: WLB/JCM	REVIEWED: SKG/DLC
DRAWN: JES/JTC	DESIGN GROUP: EJF	APPROVED: DPD

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TOTAL LENGTH OF BRIDGE = 2845.00' OWNER BEYOND ROW: UNITED STATES OF AMERICA JASPER CO, SC PIN 033-00-00-001



ELEVATION

- NOTES:
- ALL BENTS ARE PARALLEL.
 - STATIONS AND ELEVATIONS ARE ALONG PROFILE GRADE LINE AT THE INTERSECTION OF PROFILE GRADE LINE AND B.F.P.R. OR C BENT.



04-29-2024

PLANS FOR USCG PERMITTING

NAME OF WATERWAY: SAVANNAH RIVER	MILE POINT: 28.0
APPLICANT: SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	PREPARED FOR: US COAST GUARD
NAME OF BRIDGE: I-95 MAINLINE DUAL BRIDGES	DRAWING NO. E2
	SHEET 3 OF 7

CONSULTANT:
KCI TECHNOLOGIES, INC.
3014 Southcross Boulevard, Rock Hill, SC 29730
PHONE: (803) 980-6025

BRIDGE OWNER: GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

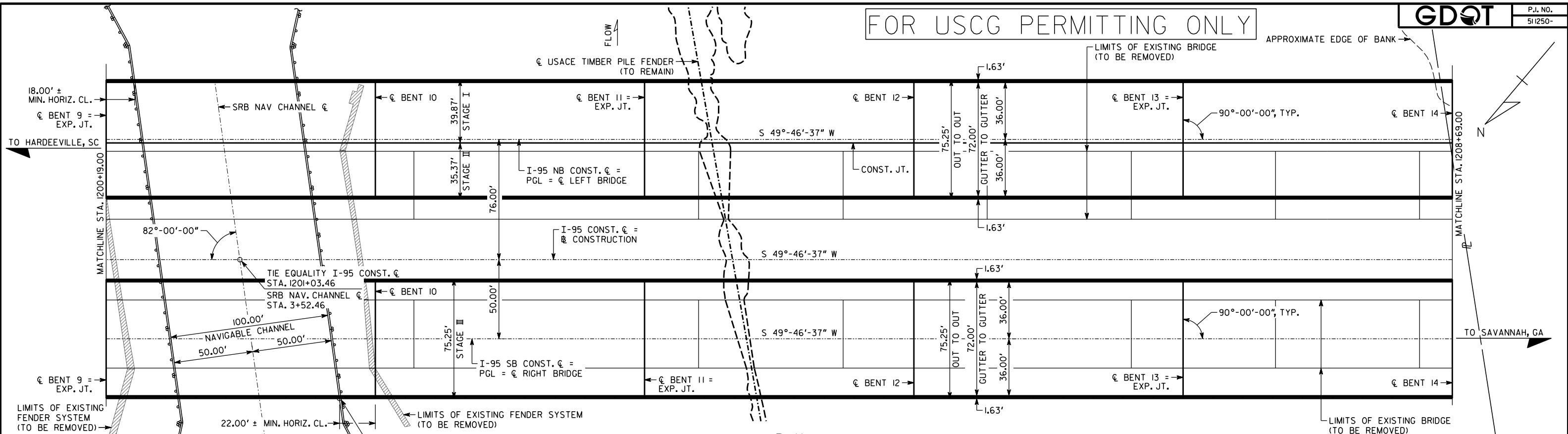
PLAN AND ELEVATION (2 OF 4)
I-95 OVER SAVANNAH RIVER

EFFINGHAM COUNTY, GA
JASPER COUNTY, SC
NHIM0-0095-01(146)

SCALE: 1" = 30'-0"
APRIL 2024

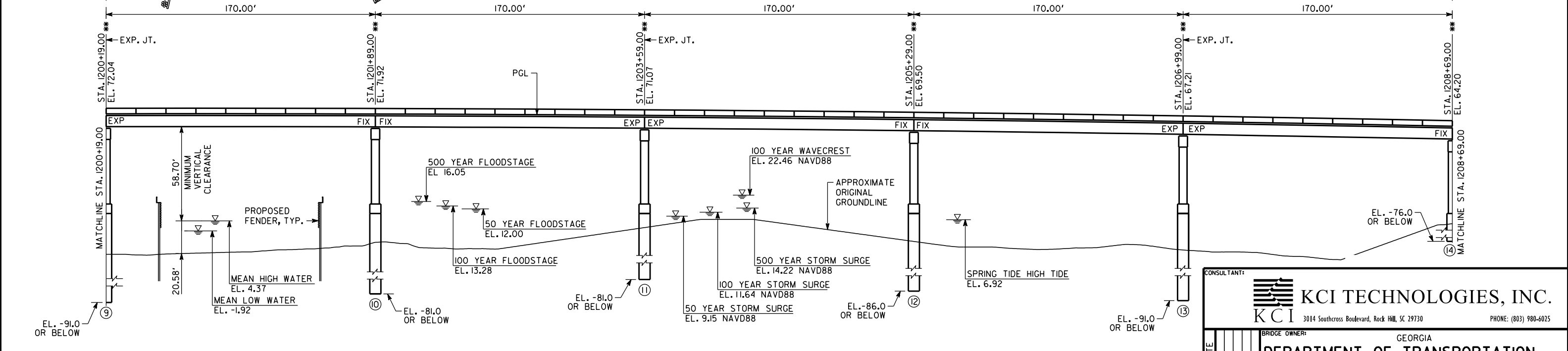
DESIGNED: JES	CHECKED: WLB/JCM	REVIEWED: SKG/DLC
DRAWN: JES/JTC	DESIGN GROUP: E2	APPROVED: DPD

FOR USCG PERMITTING ONLY



PLAN

TOTAL LENGTH OF BRIDGE = 2845.00'



ELEVATION

NOTES:

- 1. ALL BENTS ARE PARALLEL.
- ** 2. STATIONS AND ELEVATIONS ARE ALONG PROFILE GRADE LINE AT THE INTERSECTION OF PROFILE GRADE LINE AND B.F.P.R. OR C BENT.



04-29-2024

PLANS FOR USCG PERMITTING

NAME OF WATERWAY: SAVANNAH RIVER	MILE POINT: 28.0
APPLICANT: SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	PREPARED FOR: US COAST GUARD
NAME OF BRIDGE: I-95 MAINLINE DUAL BRIDGES	DRAWING NO. E3
	SHEET 4 OF 7

CONSULTANT:
KCI TECHNOLOGIES, INC.
3014 Southcross Boulevard, Rock Hill, SC 29730
PHONE: (803) 980-6025

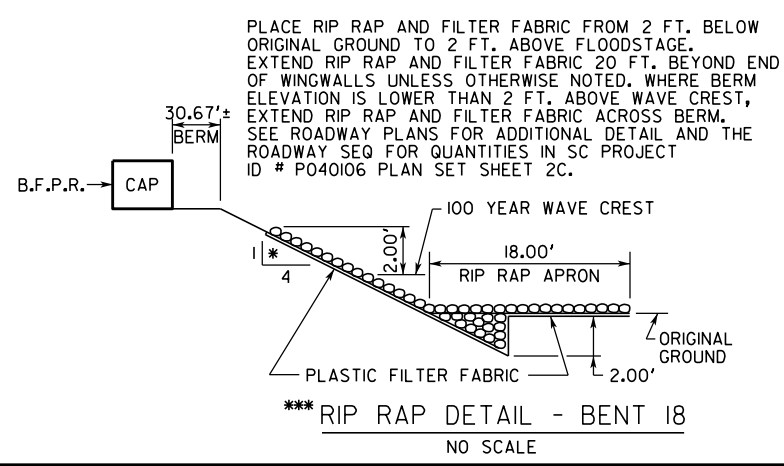
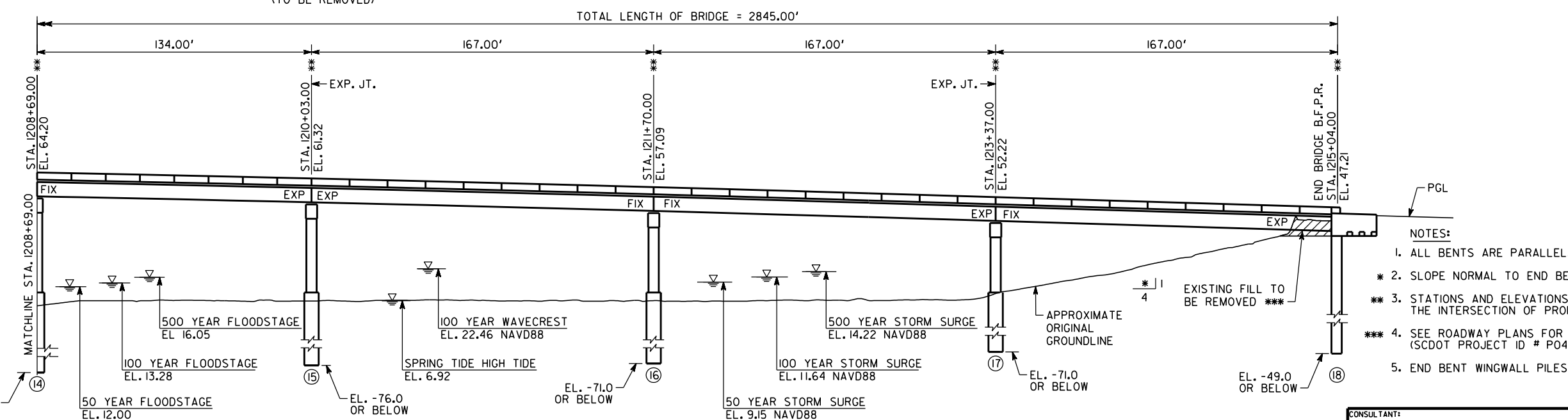
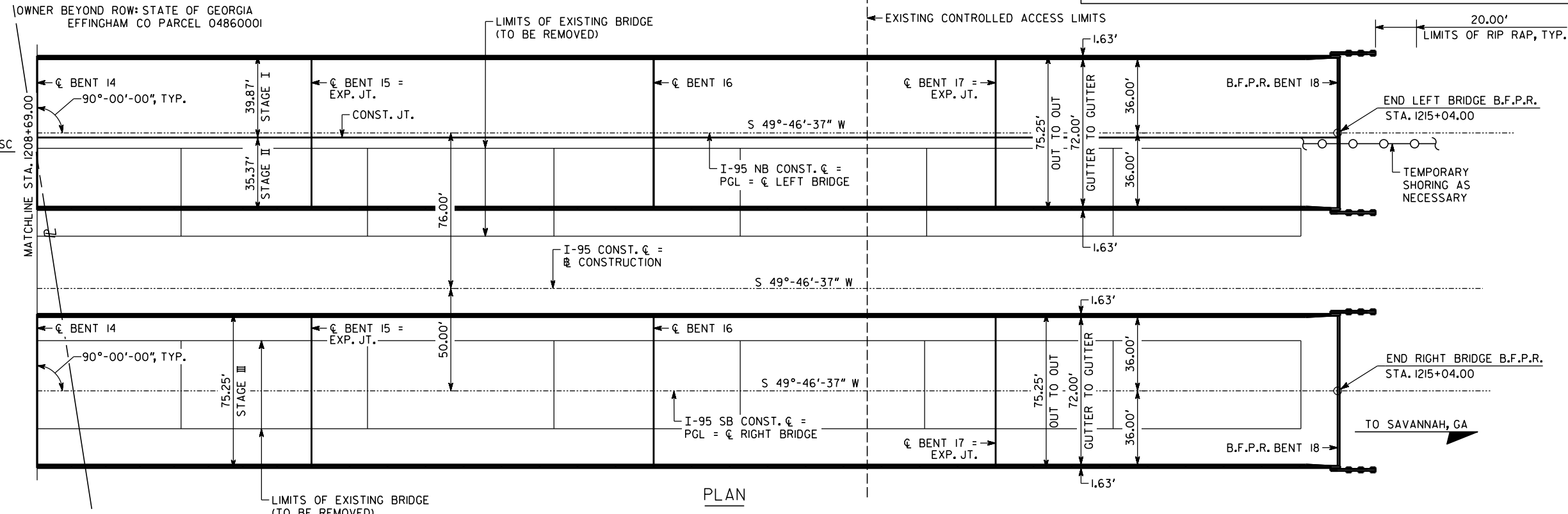
BRIDGE OWNER:
GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

PLAN AND ELEVATION (3 OF 4)
I-95 OVER SAVANNAH RIVER

EFFINGHAM COUNTY, GA
JASPER COUNTY, SC
NHIM0-0095-01(146)

SCALE: 1" = 30'-0" APRIL 2024

DESIGNED: JES	CHECKED: WLB/JCM	REVIEWED: SKG/DLC
DRAWN: JES/JTC	DESIGN GROUP: EJF	APPROVED: DPD



ELEVATION

PLANS FOR USCG PERMITTING

NAME OF WATERWAY:	SAVANNAH RIVER	MILE POINT:	28.0
APPLICANT:	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	PREPARED FOR:	US COAST GUARD
NAME OF BRIDGE:	I-95 MAINLINE DUAL BRIDGES	DRAWING NO.:	E4
		SHEET:	5 OF 7

CONSULTANT:

KCI TECHNOLOGIES, INC.
3014 Southcross Boulevard, Rock Hill, SC 29730
PHONE: (803) 980-6025

BRIDGE OWNER: GEORGIA

DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

PLAN AND ELEVATION (4 OF 4)
I-95 OVER SAVANNAH RIVER

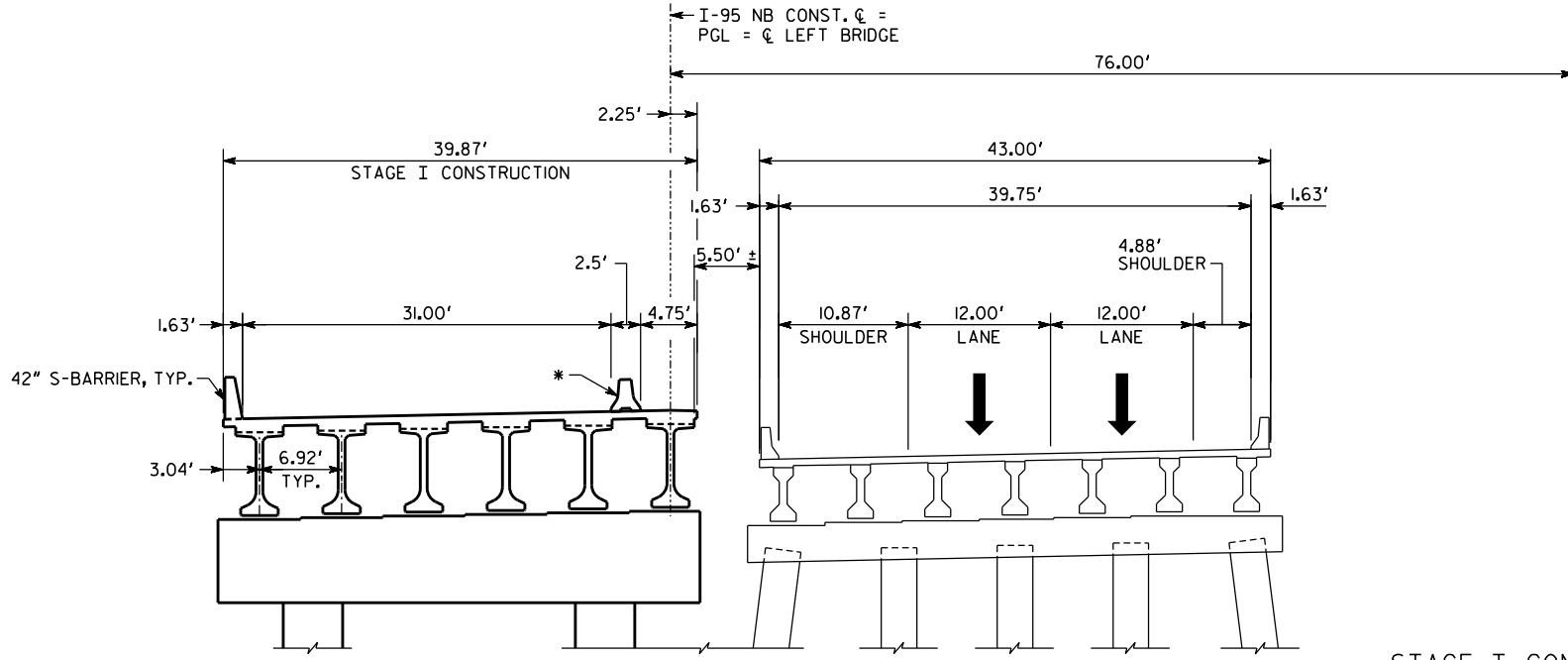
EFFINGHAM COUNTY, GA
JASPER COUNTY, SC

NHIMO-0095-01(146)

SCALE: 1" = 30'-0" (UNLESS OTHERWISE NOTED) APRIL 2024

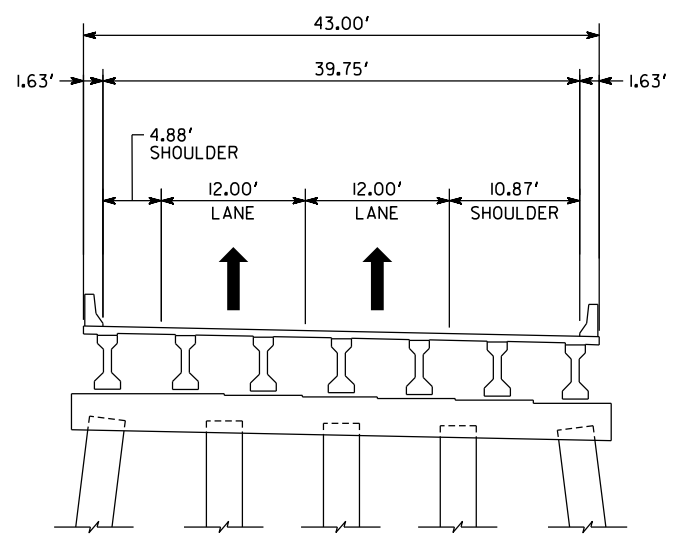
DESIGNED	JES	CHECKED	WLB/JCM	REVIEWED	SKG/DLC
DRAWN	JES/JTC	DESIGN GROUP	EJF	APPROVED	DPD





STAGE I CONSTRUCTION

* INDICATES METHOD I TEMPORARY BARRIER



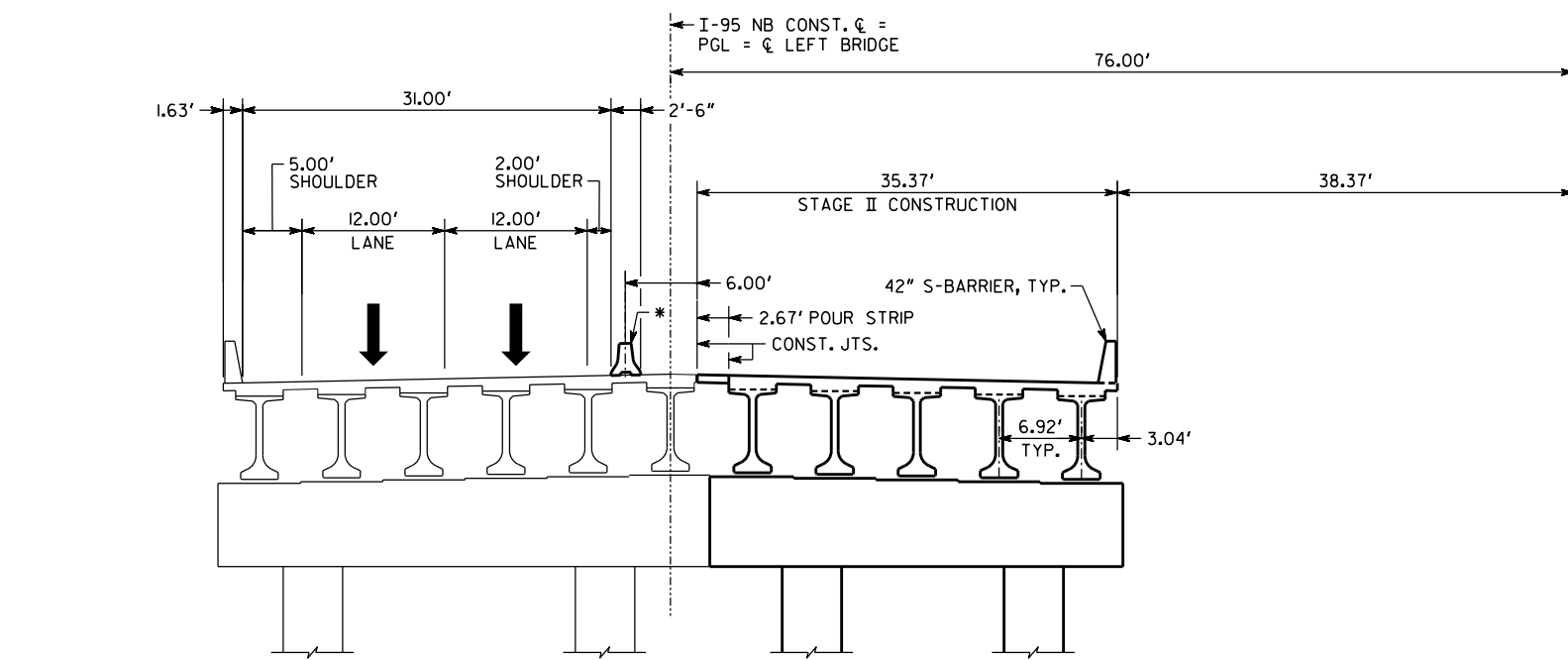
CONSTRUCTION SEQUENCE

- STAGE I**
1. PROVIDE TEMPORARY SHORING AS NECESSARY FOR STAGE I CONSTRUCTION.
 2. CONSTRUCT LEFT BRIDGE STAGE I AS SHOWN.
 3. PLACE TEMPORARY BARRIER METHOD I ON PROPOSED LEFT BRIDGE AS SHOWN.

- STAGE II**
1. SHIFT NB TRAFFIC, MAINTAINING TWO 12.00' LANES ON PROPOSED LEFT BRIDGE AS SHOWN.
 2. REMOVE EXISTING LEFT BRIDGE.
 3. CONSTRUCT LEFT BRIDGE STAGE II AS SHOWN.

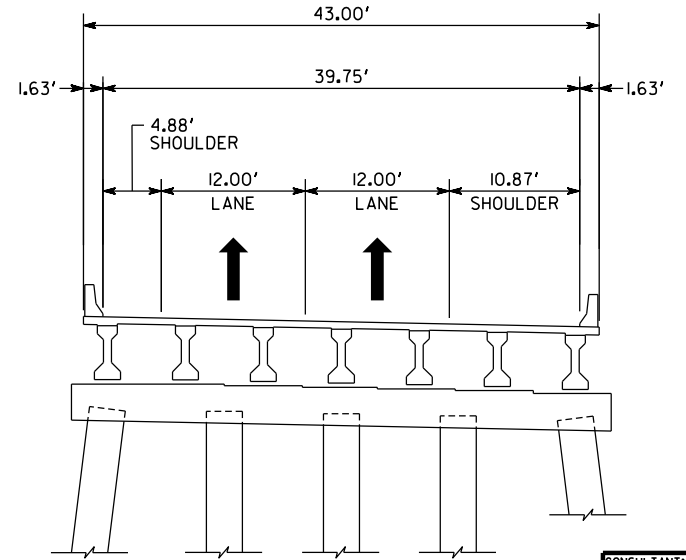
NOTE:

THE AFOREMENTIONED SEQUENCE SHALL BE COORDINATED WITH ROADWAY OPERATIONS, SEE ROADWAY PLANS. IN LIEU OF THE ABOVE CONSTRUCTION SEQUENCE, THE CONTRACTOR MAY SUBMIT A PROPOSED CONSTRUCTION SEQUENCE FOR APPROVAL.



STAGE II CONSTRUCTION

* INDICATES METHOD I TEMPORARY BARRIER



PLANS FOR USCG PERMITTING

NAME OF WATERWAY: SAVANNAH RIVER	MILE POINT: 28.0
APPLICANT: SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	PREPARED FOR: US COAST GUARD
NAME OF BRIDGE: I-95 MAINLINE DUAL BRIDGES	DRAWING NO. SI
	SHEET 6 OF 7



04-29-2024

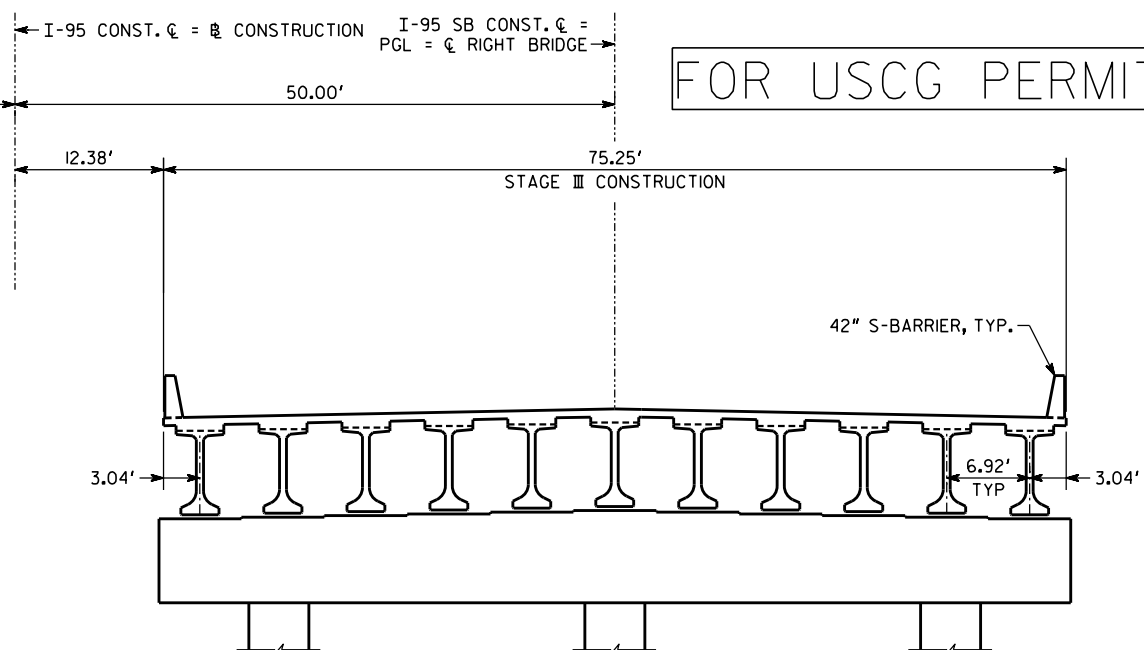
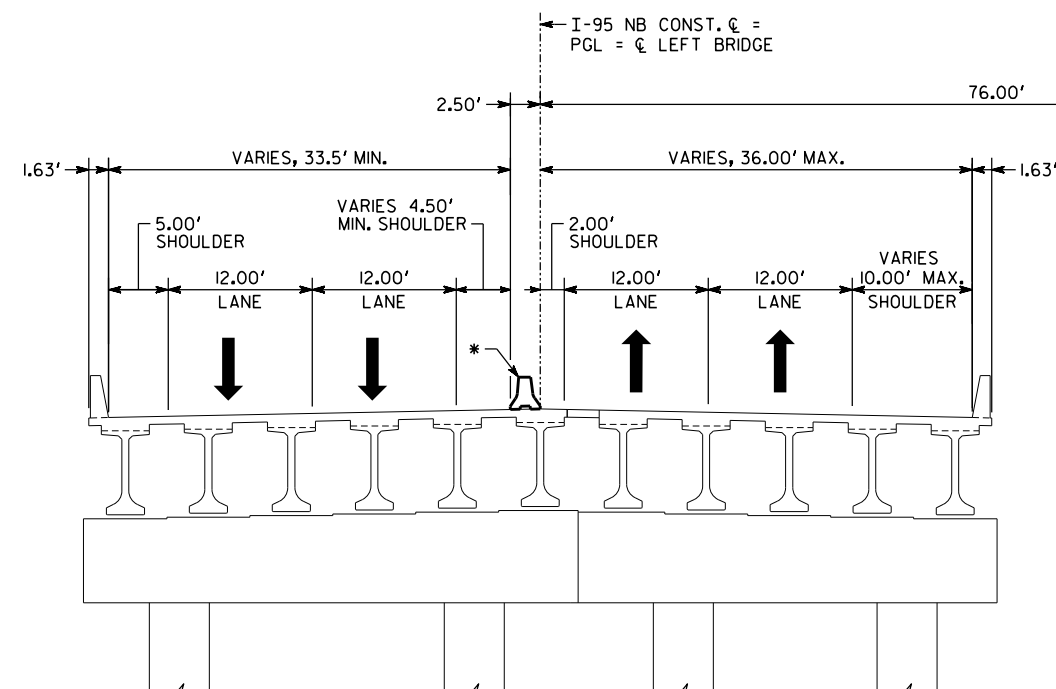
CONSULTANT: KCI TECHNOLOGIES, INC. 3014 Southcross Boulevard, Rock Hill, SC 29730 PHONE: (803) 980-6025	
BRIDGE OWNER: GEORGIA DEPARTMENT OF TRANSPORTATION ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES	
CONSTRUCTION SEQUENCE (1 OF 2) I-95 OVER SAVANNAH RIVER	
EFFINGHAM COUNTY, GA	NHIMO-0095-01(146)
JASPER COUNTY, SC	
SCALE: 1/8" = 1'-0"	APRIL 2024
DESIGNED: JES	CHECKED: WLB/JCM
DRAWN: JES/JTC	DESIGN GROUP: EJF
REVIEWED: SKG/DLC	APPROVED: DPD

FOR USCG PERMITTING ONLY

CONSTRUCTION SEQUENCE

STAGE III

1. REPOSITION TEMPORARY BARRIER, METHOD I, AS SHOWN.
2. SHIFT SB TRAFFIC, MAINTAINING TWO 12.00' LANES ON PROPOSED LEFT BRIDGE AS SHOWN.
3. REMOVE EXISTING RIGHT BRIDGE.
4. CONSTRUCT RIGHT BRIDGE.
5. SHIFT SB TRAFFIC TO RIGHT BRIDGE.
6. REMOVE TEMPORARY BARRIER.
7. SHIFT NB TRAFFIC AS SHOWN.

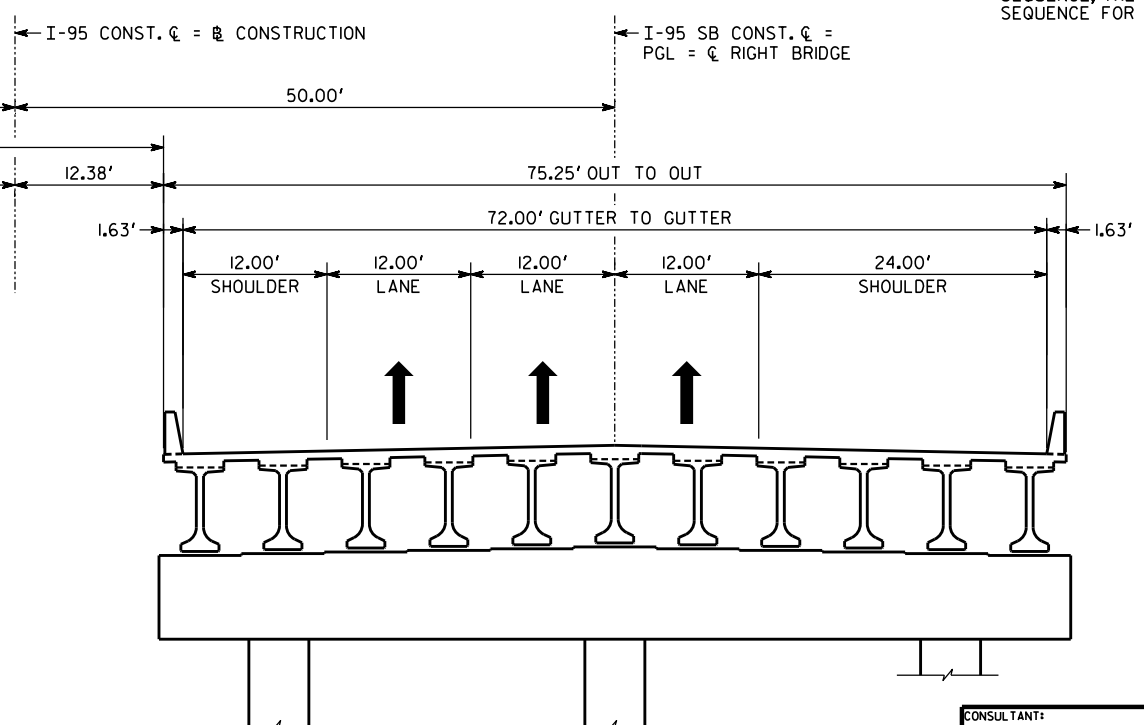
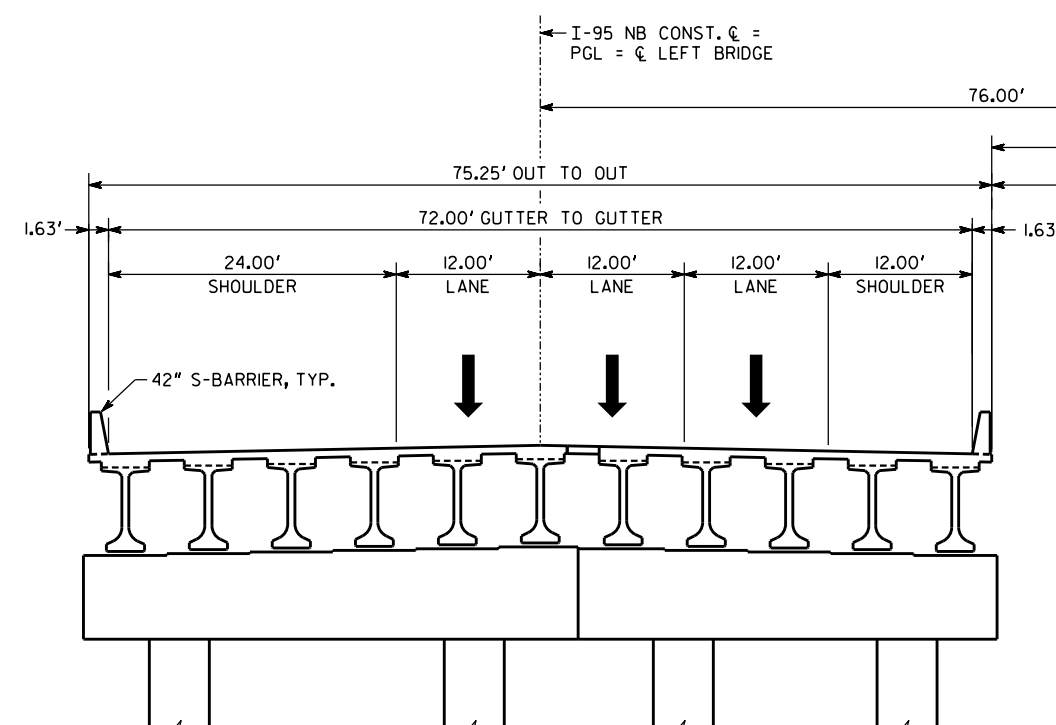


STAGE III CONSTRUCTION

* INDICATES METHOD I TEMPORARY BARRIER

NOTE:

THE AFOREMENTIONED SEQUENCE SHALL BE COORDINATED WITH ROADWAY OPERATIONS, SEE ROADWAY PLANS. IN LIEU OF THE ABOVE CONSTRUCTION SEQUENCE, THE CONTRACTOR MAY SUBMIT A PROPOSED CONSTRUCTION SEQUENCE FOR APPROVAL.



COMPLETED SECTION

CONSULTANT:		KCI TECHNOLOGIES, INC. 3014 Southcross Boulevard, Rock Hill, SC 29730 PHONE: (803) 980-6025	
BRIDGE OWNER:		GEORGIA DEPARTMENT OF TRANSPORTATION ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES	
DATE		CONSTRUCTION SEQUENCE (2 OF 2) I-95 OVER SAVANNAH RIVER	
REVISIONS		EFFINGHAM COUNTY, GA JASPER COUNTY, SC NHIM0-0095-01(146)	
BY		SCALE: 1/8" = 1'-0" APRIL 2024	
NAME OF WATERWAY:		SAVANNAH RIVER	
MILE POINT:		28.0	
APPLICANT:		SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PREPARED FOR:		US COAST GUARD	
DRAWING NO.:		S2	
NAME OF BRIDGE:		I-95 MAINLINE DUAL BRIDGES	
SHEET:		7 OF 7	



04-29-2024