

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A HAGOOD AVENUE
CHARLESTON, SOUTH CAROLINA 29403-5107
and
THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Water Quality Certification and Wetlands Section
2600 Bull Street
Columbia, South Carolina 29201

REGULATORY DIVISION
Refer to: SAC-2023-00107

DATE 4 October 2023

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), Section 14 of the Rivers and Harbors Act of 1899, 33 USC 408 (Section 408) and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

Mr. Chris Beckham
SCDOT
955 Park Street
Columbia, South Carolina 29201

for a permit to upgrade approximately 10 miles of Interstate 95 in waters associated with

The Savannah River

for a 10.63-mile section of Interstate 95 along its existing corridor, starting within the City of Hardeeville, Jasper County, South Carolina and continuing south towards City of Port Wentworth, Chatham County, Georgia (Latitude: 32.2803 °, Longitude: -81.0870 °), Hardeeville, Port Wentworth, and Rincon quadrangles.

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by the **Corps** until

15 Days from the Date of this Notice,

and **SCDHEC** will receive written statements regarding the proposed work until

30 Days from the Date of this Notice

from those interested in the activity and whose interests may be affected by the proposed work.

NOTE: This public notice and associated plans are available on the Corps' website at: <http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> .

Applicant's Stated Purpose

According to the applicant, the purpose of the proposed project is to improve capacity, mobility, and operations along the approximate 10-mile corridor of I-95 from Mile Marker (MM) 0 to MM 08 and to address operational deficiencies for interchanges and bridges within the study corridor.

Project Description

The proposed work consists of upgrading the existing I-95 corridor from 0.57 mile southwest of MM 0 at the Georgia-South Carolina state line to 1.07 miles north of MM 8 in South Carolina. The project extends from Effingham County in Georgia to Jasper County in South Carolina. The project includes adding an additional travel lane in each direction and matching the typical section in Georgia. The additional lane is proposed to be constructed within the existing median. Additional construction activities include clearing parts of the median for safety improvements, installing barrier walls and cable barriers, installing guardrail, improving drainage, making minor improvements at Exit 5, improving operations for the Exit 8 interchange and ramps, as well as replacing and widening the I-95 mainline dual bridges over the Savannah River, Savannah Overflow, Sand Island Swamp, and CSX Railroad. The SC 141/John Smith Road bridge over I-95 would also be replaced on its existing alignment. A portion of SC 141/John Smith Road between Pine Arbor Road and McTeer Street would be closed during construction. During the closure, SC 141/John Smith Road traffic would utilize a detour route along US Highway 278 (US 278) and US Highway 17 (US 17). The proposed detour route is approximately 2.8 miles in length and would be required for approximately 18 months during the replacement of the John Smith Road bridge.

In detail, the proposed project would impact 646 linear feet (0.290 acre) of streams/tributaries, 0.49 acres of ponds, and 35.772 acres of wetlands. The proposed project would impact two streams (Streams 6 and 9) and include 584 linear feet (If) (0.262 acre) of permanent fill. This stream fill would be partially offset by 374 lf (0.102 acre) of equivalent channel relocated adjacent to the current stream with equivalent functionality. The remaining 62 lf of stream impacts result from temporary geomorphological impacts at construction tie-ins. Impacts to 59 freshwater wetlands would include 17.896 acres of permanent cut/fill, 8.283 acres of permanent clearing, 0.076 acre of permanent ditching, 4.344 acres of temporary clearing, 1.020 acres of temporary fill, and 4.153 acres of temporary bridge construction access (BCA); please see Appendix D, Sheets 1 through 37. At the proposed temporary bridge construction access areas outlined on the permit sheets, timber mats would be

specified for use in wetland areas, and either barges or work trestles would be used for construction access in the Savannah River.

The impacts to WOTUS associated with the project would result from: the widening and roadway improvements of I-95 and associated bridge replacements; the relocation of Frontage Road at Exit 5; and the Exit 8 interchange improvements. This includes the placement of fill and riprap, as well as the construction of new drainage pipes and the replacement of existing pipes.

Avoidance and Minimization

The applicant included the following information: The proposed project was designed to minimize adverse impacts to the human and natural environment, including waters of the U.S., to the maximum extent possible; however, impacts to waters of the U.S. are unavoidable and necessary for construction of the project. Efforts to avoid and/or minimize impacts to waters of the U.S. include the following:

- The mainline construction of I-95 will widen the lanes in toward the median where there are fewer impacts to waters of the U.S. and include features that are already of a lower functional value than adjacent wetlands outside of the existing right-of-way.
- Roadway approach fill slopes were reduced to a 4:1 slope where feasible or practicable to avoid or minimize impacts to waters of the U.S. Further tightening of slopes to 3:1 or less was not deemed suitable for this project due to the additional guard rails and extra clear zone widths needed.
- SCDOT and their contractors will install sediment and erosion control measures, consistent with best management practices (BMPs) identified in the Stormwater Pollution Prevention Plan (SWPPP) and the National Pollutant Discharge Elimination System (NPDES) permit, during construction of the project to prevent runoff and sedimentation of waters of the U.S. Utilization of existing ditches as clearway diversion along the project and avoidance of wetland impacts was prioritized in the erosion control strategy. Double layered silt fencing is used in vicinity of wetlands and environmental features as applicable per SC DHEC Guidance. Sediment dams are included as an additional practice at concentrated outfall points adjacent to environmental features.
- Roadway construction would be conducted from the existing roadway, uplands, or authorized fill areas to avoid additional impacts to undisturbed waters of the U.S. The limits of clearing, grading, or placement of fill in wetlands would be delineated and shown on approved permitted plans by the USACE, SCDHEC, and GAEPD. SCDOT and the contractor would comply with all applicable permits and permit conditions for the placement of fill in wetlands.

- At the proposed new bridges, construction access will be limited to designated Bridge Construction Access (BCA) routes that have been kept to a minimal size and out of wetlands wherever feasible. Within the wetlands at the BCA, timber mats will be specified for use, and either barges or work trestles will be used for construction access in the Savannah River.
- Temporary silt/turbidity curtains would be installed prior to commencement of in-waterwork, where practicable. The number of bents and piles required to support the bridge replacement has been reduced through the use of a longer replacement bridge.
- The I-95 bridges over Savannah River and Union Creek would be replaced by staged construction, which would reduce the number of any temporary work trestles required in the Savannah River and can be completed within the existing ROW.
- These existing bridges over the Savannah River would be removed in their entirety once construction of the new bridges is completed. The replacement with the new 84-inch piers would result in a net gain of approximately 2,650 square feet of unconsolidated bottom habitat.
- Non-hazardous demolition debris would be hauled off site and disposed of in accordance SCDOT policy and SCDHEC regulations.
- The contractor, SCDOT, and FHWA would be required to stay in compliance with all approved environmental conditions established in the NEPA document as well as any special conditions established in the required permit authorizations.

Proposed Compensatory Mitigation

The applicant has proposed to mitigate for impacts to wetlands and/or waters of the United States by purchasing stream and wetland mitigation credits from Corps approved mitigation banks. SCDOT would purchase required compensatory mitigation credits for impacts to Waters of the U.S. from a USACE-approved mitigation bank. Under a planned procurement process for this project, SCDOT has reserved credits from the Palmetto Umbrella Mitigation Bank-Savannah Branch with service areas covering the project area (freshwater wetlands and stream credits, pending approval).

No permanent fill impacts would occur in Georgia, and the impacts (0.750 ac) would be limited to temporary bridge construction access for the Savannah River bridge replacement. The project extends across two (2) watersheds, the Calibogue Sound-Wright River Basin (USGS Hydrologic Unit Code [HUC] 03060110) and the Lower Savannah Basin (USGS HUC 03060109). Impacts to wetlands and streams would occur in both HUCs.

A total of 455.362 wetland credits and 1,088.517 stream credits would be

required for impacts to freshwater wetlands, streams, and open water. The amount of stream credit tabulated has been reduced by 374.270 linear feet as a portion of Stream 9 will be relocated to a functional equivalent stream as discussed during both the JD site visit and pre-application meeting. SCDOT intends to provide compensatory mitigation through a purchase of credits from the Palmetto Umbrella Mitigation Bank-Savannah Branch or other suitable USACE-approved mitigation bank to fulfill the 2010 Charleston District's *Guidelines for Preparing a Compensatory Mitigation Plan* for impacts to streams and wetlands associated with the proposed project.

33 USC 408 (Section 408)

The proposed facility is within the project area of a Federal Civil Works project: **Savannah River**. The proposed project described in this notice would require permission pursuant to Section 14 of the Rivers and Harbors Act of 1899, 33 USC 408 (Section 408). Permission for an alteration under Section 408 may be granted when, in the judgment of the Secretary of the Army, the alteration will not be injurious to the public interest and will not impair the usefulness of the project. Decisions on proposed alterations are delegated to the District Commander unless one or more criteria requiring elevation are triggered.

Section 408 is based on factors which are outlined in Engineering Circular (EC) 1165-2- 220. Review of the requests for modification will be reviewed by a Corps technical review team considering the following factors:

1. Impair the Usefulness of the Project Determination. The review team will determine if the proposed alteration would limit the ability of the federally authorized project to function as authorized, or would compromise or change any authorized project conditions, purposes or outputs. All appropriate technical analyses including geotechnical, structural, hydraulic and hydrologic, real estate, and operations and maintenance requirements, must be conducted and the technical adequacy of the design must be reviewed. The Charleston District is working closely with the requestor to ensure that all required technical plans, maps, drawings, and specifications necessary for these analyses are provided and complete. In order to approve a request for modification, it must be determined that the usefulness of the authorized project will not be negatively impacted.
2. Injurious to the Public Interest Determination. Proposed alterations will be reviewed to determine the probable impacts, including cumulative impacts, on the public interest. Evaluation of the probable impacts that the proposed alteration to the USACE project may have on the public interest requires a careful weighing of all those factors that are relevant in each particular case. Factors that may be relevant to the public interest depend upon the type of USACE project being altered and may include, but are not limited to, such things as conservation, economic development, historic properties, cultural resources, environmental impacts, water supply, water quality, flood hazards, floodplains, residual risk, induced damages, navigation, shore erosion or accretion, and recreation. The decision whether to approve an alteration will be determined by the

consideration of whether benefits are commensurate with risks. If the potential detriments are found to outweigh the potential benefits, then it may be determined that the proposed alteration is injurious to the public interest. This determination is not the same as the “contrary to the public interest determination” that is undertaken pursuant to Sections 10/404/103.

3. Legal and Policy Compliance. A determination will be made as to whether the proposal meets all legal and policy requirements. This includes the National Environmental Policy Act (NEPA) and other environmental compliance requirements, as well as USACE policy. While ensuring compliance is the responsibility of USACE, the requester is required to provide all information that the Charleston District identifies as necessary to satisfy all applicable federal laws, executive orders, regulations, policies, and ordinances.

408 Process Overview: The basic 408 process for this application is outlined in EC 1165-2-220, ¶¶ 7.h. (4). In cases in which a Section 408 permission (except for Section 408 decisions that must be made by the Division Commander, per paragraph 8.c.) and a Regulatory standard individual permit are both required for the same proposed alteration/activity, the district will conduct these evaluations in a coordinated and concurrent manner resulting in a single decision document. Note that implementing regulations and policies for the Regulatory permit require the evaluation of proposed activities and their compatibility with the purposes of a federal project. The Section 408 analysis informs the compatibility with the purposes of a federal project for Regulatory purposes. In addition, there will be a single transmittal letter to the requester that includes as attachments both the Section 408 decision letter and the Regulatory permit. The District Commander is the deciding official for the single decision document for these cases, although he or she may further delegate these combined decisions following the same requirements as in paragraph 8.d.

South Carolina Department of Health and Environmental Control

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the certifying authority, South Carolina Department of Health and Environmental Control, in accordance with provisions of Section 401 of the Clean Water Act (CWA). The CWA Section 401 Certification Rule (Certification Rule, 40 CFR 121), effective September 11, 2020, requires certification, or waiver, for any license or permit that authorizes an activity that may result in a discharge. The scope of a CWA Section 401 Certification is limited to assuring that a discharge from a Federally licensed or permitted activity will comply with water quality requirements. The applicant is responsible for requesting certification and providing required information to the certifying authority. In accordance with Certification Rule part 121.12, the Corps will notify the U.S. Environmental Protection Agency Administrator when it has received a Department of the Army (DA) permit application and the related certification. The Administrator is responsible for determining if the discharge may affect water quality in a neighboring jurisdiction. The DA permit may not be issued pending the conclusion of the Administrator’s determination of effects on neighboring jurisdictions.

The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930) This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

Essential Fish Habitat

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact **36.06** acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer has made no determination whether the proposed action would have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Coordination with the NMFS is being led by the FHWA as the lead federal agency. The District Engineer's final determination relative to project impacts and the need for mitigation measures will be made following the conclusion of FHWA's consultation/coordination with the NMFS.

Endangered Species

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the District Engineer has consulted the most recently available information and has made no determination of effect on any Federally endangered, threatened, or proposed species. As the lead federal agency pursuant to NEPA, the FHWA made the determination that the proposed project would have no effect on any listed endangered or threatened species, nor destroy or adversely modify critical habitat.

Cultural Resources

In accordance with the "Programmatic Agreement Among The Federal Highway Administration, The U.S. Army Corps of Engineers, Charleston District, The South Carolina Department of Transportation, The South Carolina State Historic Preservation Officer, and The Advisory Council on Historic Preservation Regarding Section 106 Implementation for Federal Aid Transportation Projects in The State of South Carolina" executed on October 6, 2017 (Section 106 Programmatic Agreement), for the purpose of Section 106 compliance for all FHWA undertakings in the State of South Carolina that require Corps authorization, the Corps designated FHWA as the lead federal agency for fulfilling both FHWA and the Corps' collective responsibilities under Section 106 of the National Historic Preservation Act. Additionally, as part of the Section 106 Programmatic Agreement, the FHWA delegated responsibility to the SCDOT to

coordinate with the South Carolina Preservation Officer (SHPO) and Georgia Department of Community Affairs Historic Preservation Division on certain matters related to Section 106 of the NHPA. Therefore, by letter dated December 16, 2022, the SCDOT provided their determination that no historic property will be affected by the proposed undertaking to the SHPO. On January 3, 2023, the SHPO concurred with the SCDOT's determination. In a letter dated January 12, 2023, Georgia Department of Community Affairs Historic Preservation Division indicated the project would have no adverse effect to historic properties.

Corps' Evaluation

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

Solicitation of Public Comment

The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

Please submit comments in writing, identifying the project of interest by public

notice/file number (SAC-2023-00107), to Tony.B.hardee@usace.army.mil or the following address:

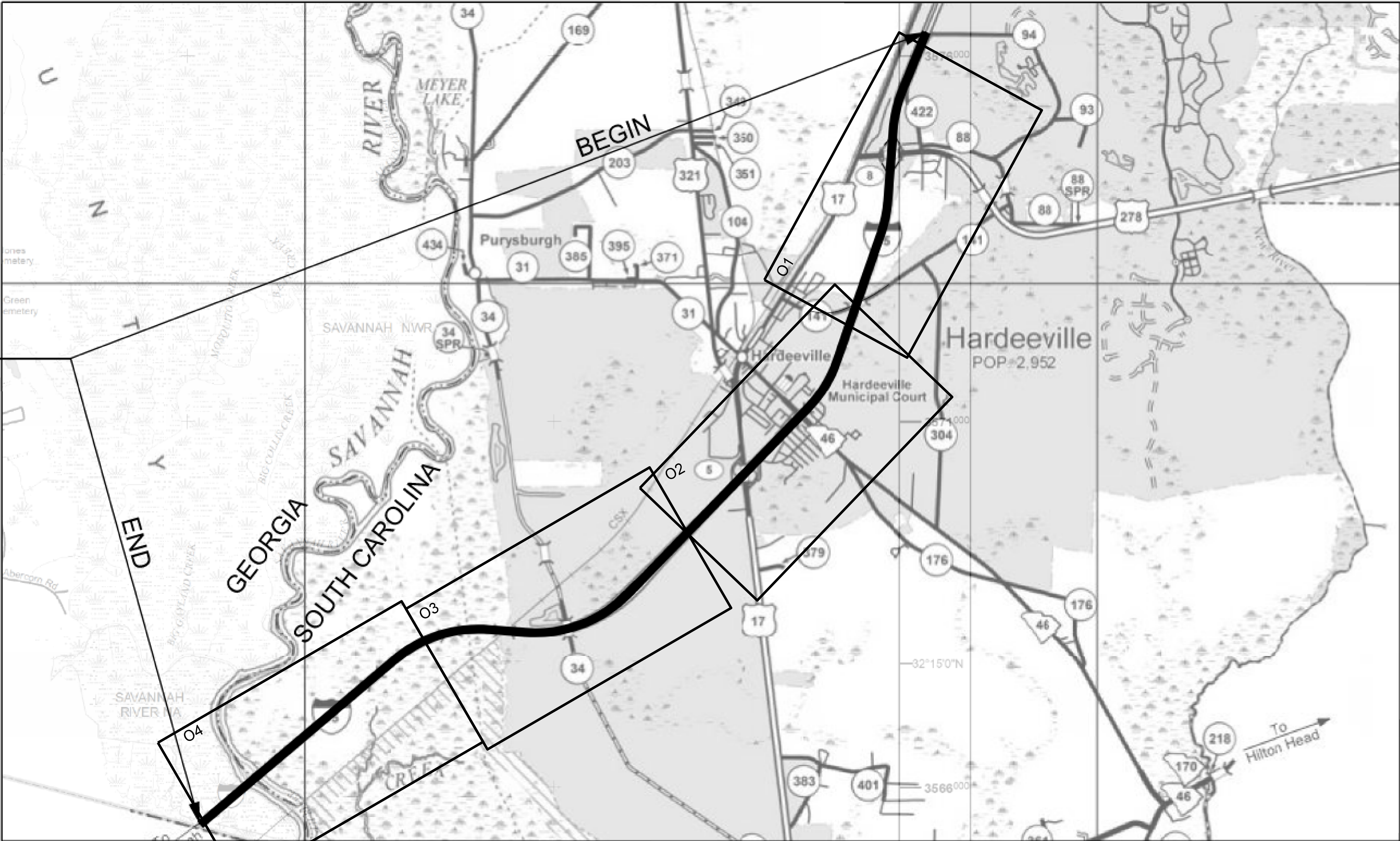
**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
1949 INDUSTRIAL PARK ROAD, ROOM 140
CONWAY, SOUTH CAROLINA 29526**

If there are any questions concerning this public notice, please contact Mr. T. Brian Hardee Project Manager, at (843) 365-0848, or by email at Tony.B.Hardee@usace.army.mil.

TOTAL PROJECT IMPACTS	
TEMPORARY BCA CLEARING	4.153 ACRES
PERMANENT WETLAND CUT/FILL	17.896 ACRES
PERMANENT WETLAND CLEARING	8.283 ACRES
TEMPORARY WETLAND CUT/FILL	1.020 ACRES
TEMPORARY WETLAND CLEARING	4.344 ACRES
PERMANENT DITCH WETLAND	0.076 ACRES
TOTAL WETLAND IMPACTS	35.772 ACRES
TEMPORARY STREAM IMPACT	62.183 LF / 0.024 ACRES
PERMANENT STREAM FILL	583.740 LF / 0.256 ACRES
TOTAL STREAM IMPACTS	645.923LF / 0.390 ACRES
TOTAL OPEN WATER IMPACTS	0.490 ACRES

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	TS

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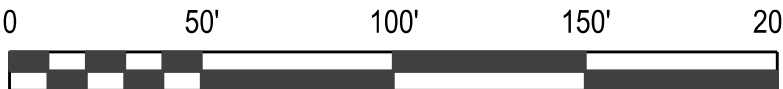
SHEET INDEX	
TITLE SHEET	TS
OVERVIEW SHEETS	O1-4
PERMIT SHEETS	P01 - 37 (38)
CROSS-SECTION SHEETS	XS A - JJ (36)
BRIDGE PLAN SHEETS	B01-12 (12)
TOTAL SHEETS	91

I-95

Project Limits

Station 713+56.68 TO 1234+24.34

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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1	KCI	08/23/2023	ORIGINAL
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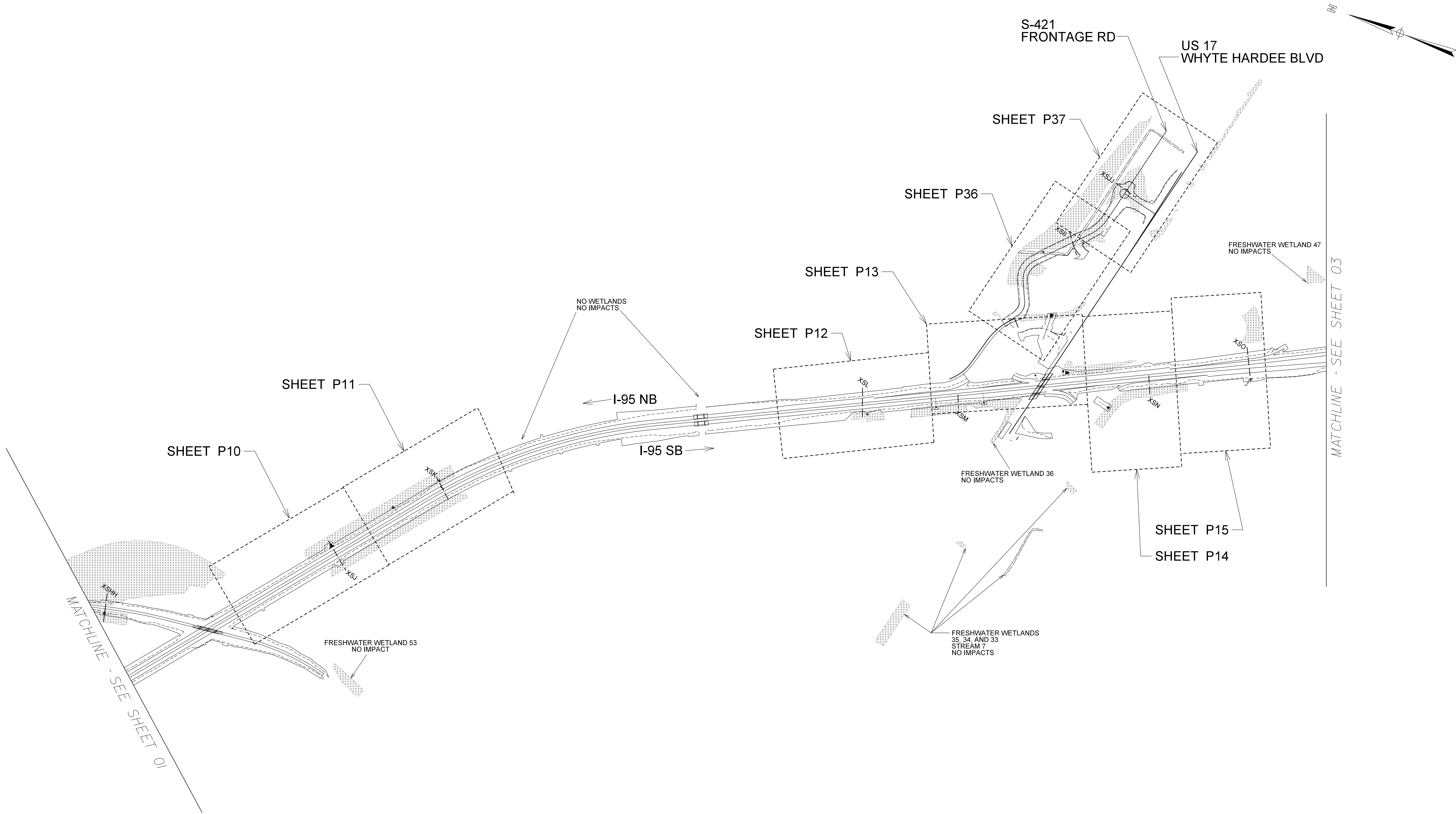
APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA


WATERS OF THE US IMPACTS TITLE SHEET


FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	O2



LEGEND	
WETLAND	
RPW STREAM	
PROJECT LIMITS	
CONSTRUCTION LIMITS	

PREPARED BY:


 **KCI TECHNOLOGIES**
ENGINEERS | PLANNERS | SCIENTISTS | CONSTRUCTION MANAGERS



US ARMY CORPS OF ENGINEERS:
CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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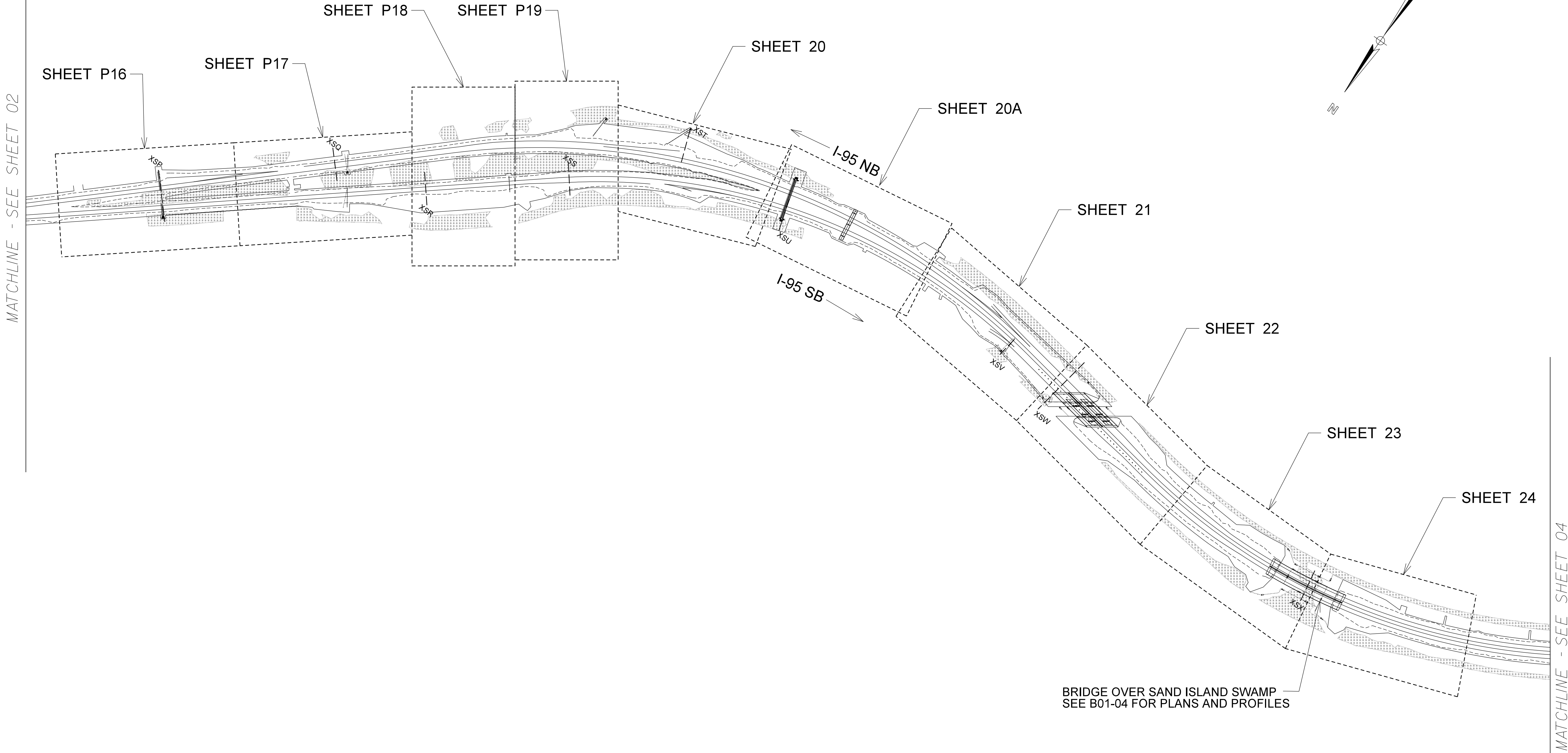
APPLICATION BY:


SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	O3



LEGEND	
WETLAND	
RPW STREAM	
PROJECT LIMITS	
CONSTRUCTION LIMITS	

PREPARED BY:

KCI TECHNOLOGIES
ENGINEERS | PLANNERS | SCIENTISTS | CONSTRUCTION MANAGERS

0' 500' 1000' 1500' 2000'

US ARMY CORPS OF ENGINEERS:
CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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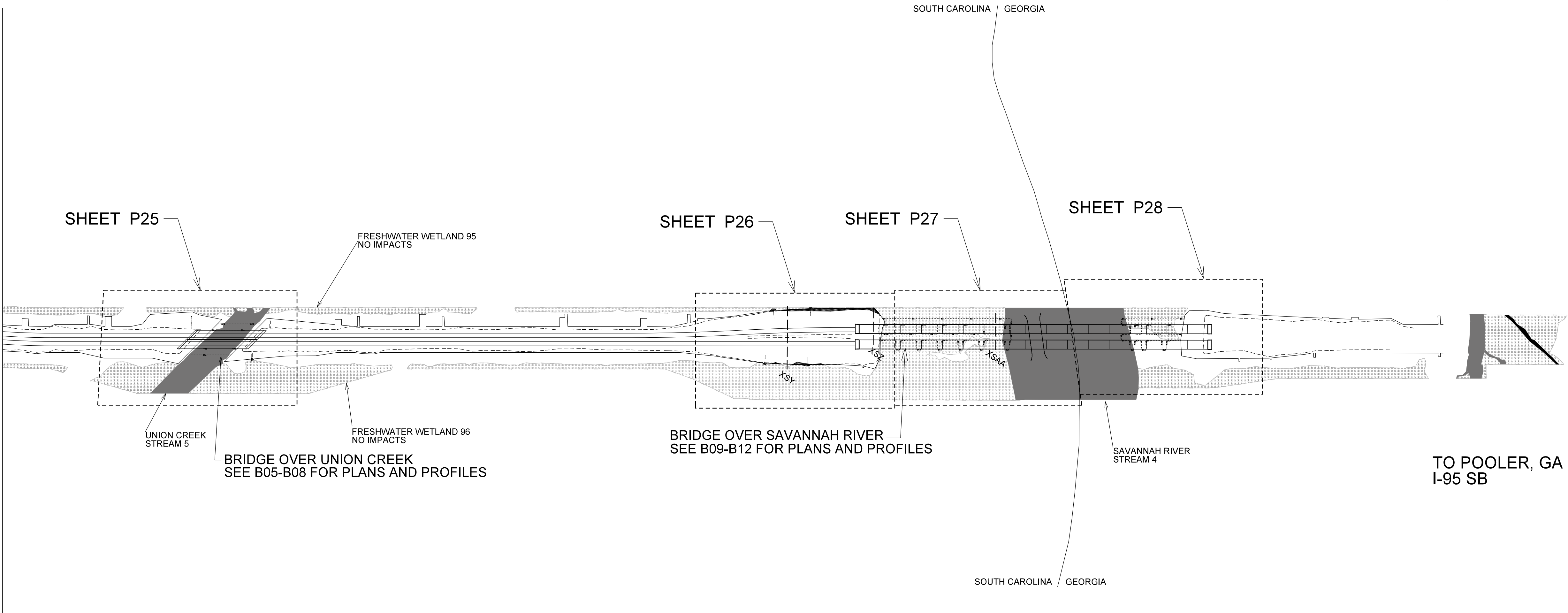
SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	O4

MATCHLINE - SEE SHEET 03



LEGEND	
WETLAND	
RPW STREAM	
PROJECT LIMITS	
CONSTRUCTION LIMITS	

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US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:



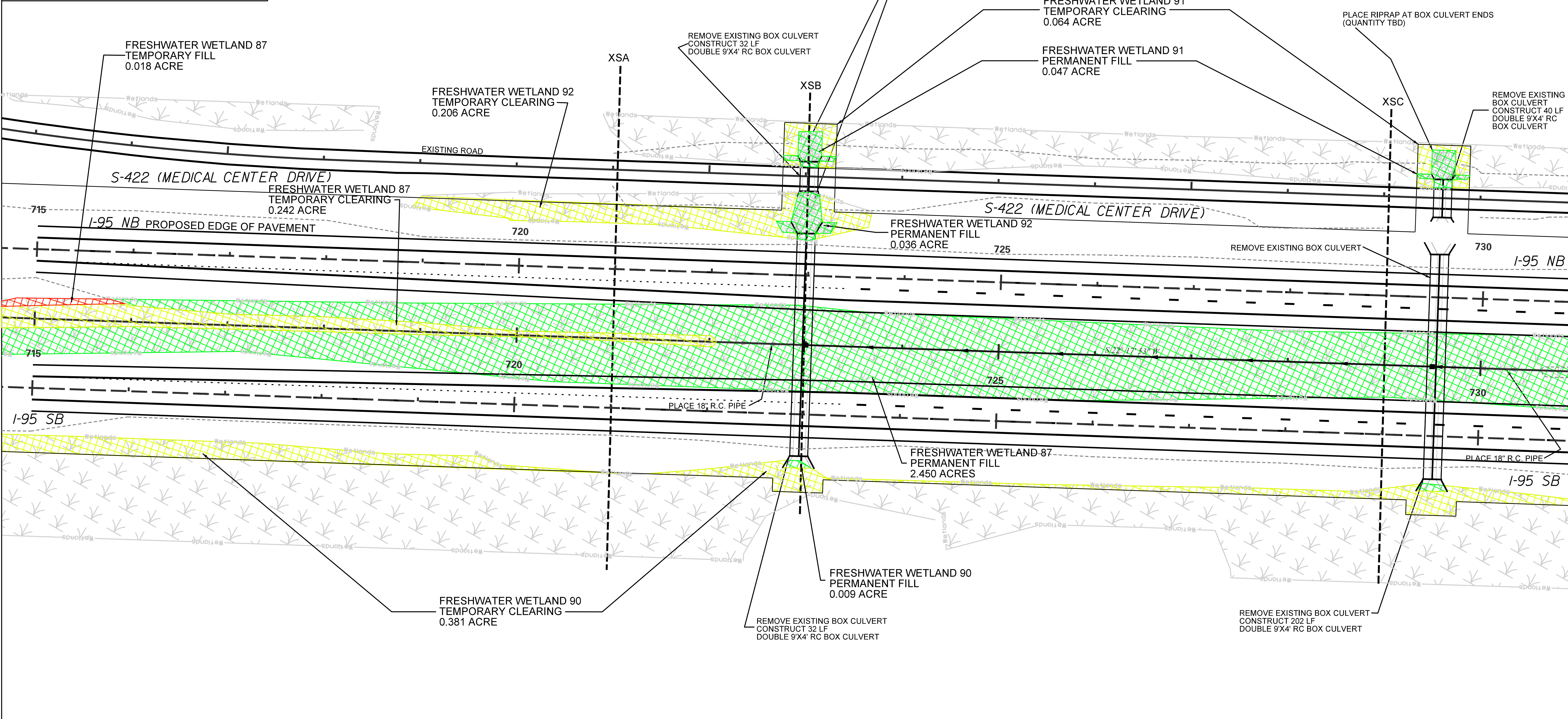
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MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
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JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

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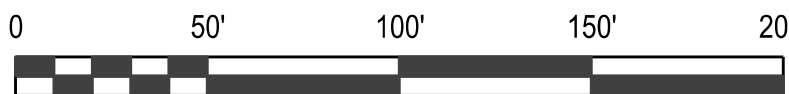
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PROJECT IMPACTS		FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
TEMPORARY BCA CLEARING IMPACT	2.541 ACRES	3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P3
PERMANENT WETLAND CUT/FILL IMPACT							
PERMANENT WETLAND CLEARING IMPACT	0.018 ACRES						
TEMPORARY WETLAND CUT/FILL IMPACT	0.894 ACRES						
TEMPORARY WETLAND CLEARING IMPACT							
TOTAL WETLAND IMPACTS	3.453 ACRES						
PERMANENT STREAM GEOMORPH IMPACT							
PERMANENT STREAM FILL IMPACT							
TEMPORARY STREAM IMPACT							
TOTAL STREAM IMPACTS							



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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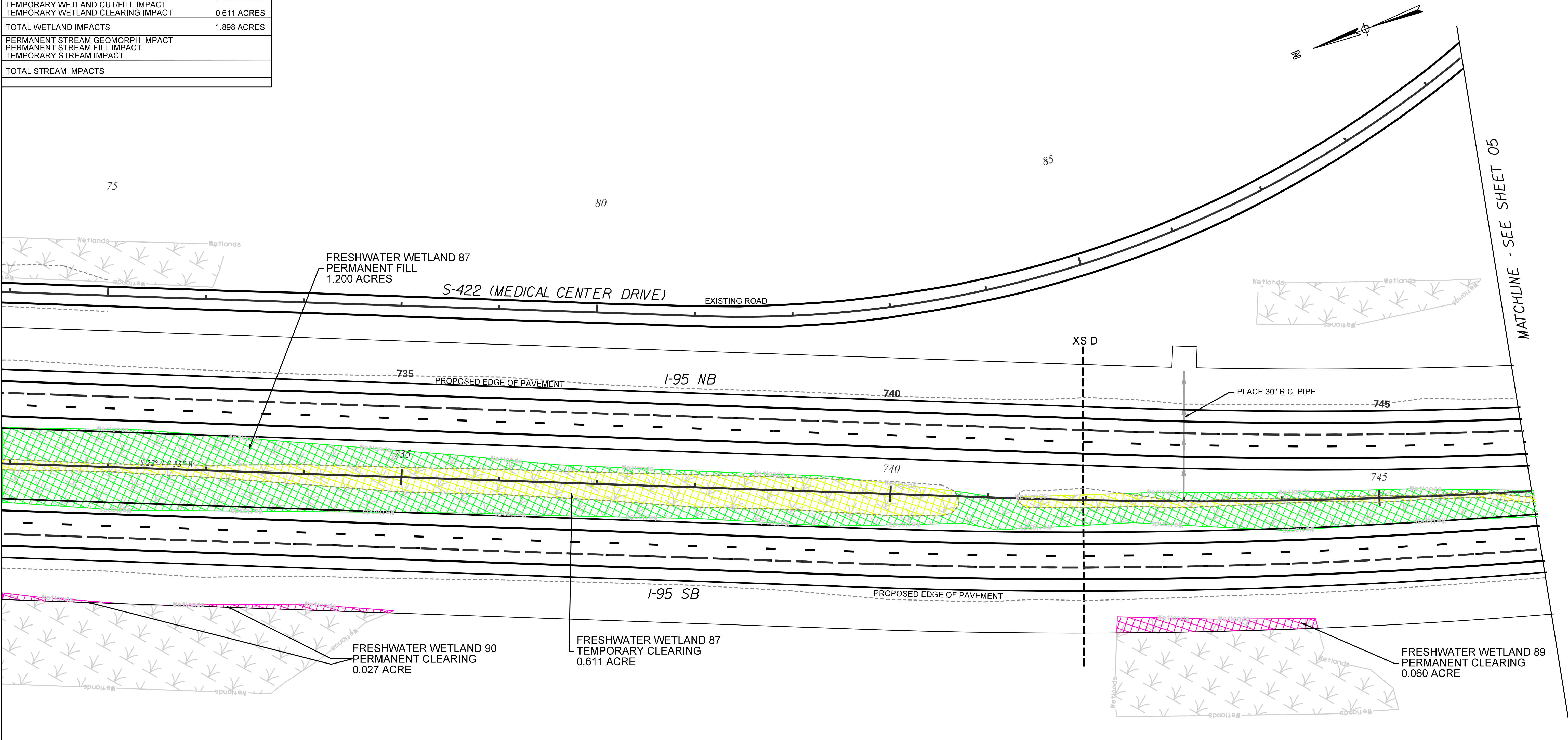
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	1.200 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	0.087 ACRES
PERMANENT WETLAND CLEARING IMPACT	0.611 ACRES
TEMPORARY WETLAND CUT/FILL IMPACT	0.611 ACRES
TEMPORARY WETLAND CLEARING IMPACT	1.898 ACRES
TOTAL WETLAND IMPACTS	1.898 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P4

MATCHLINE - SEE SHEET 03



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
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SAVANNAH DISTRICT
SAS-2023-00079

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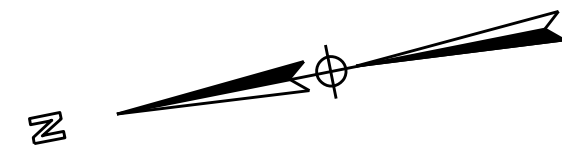


SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

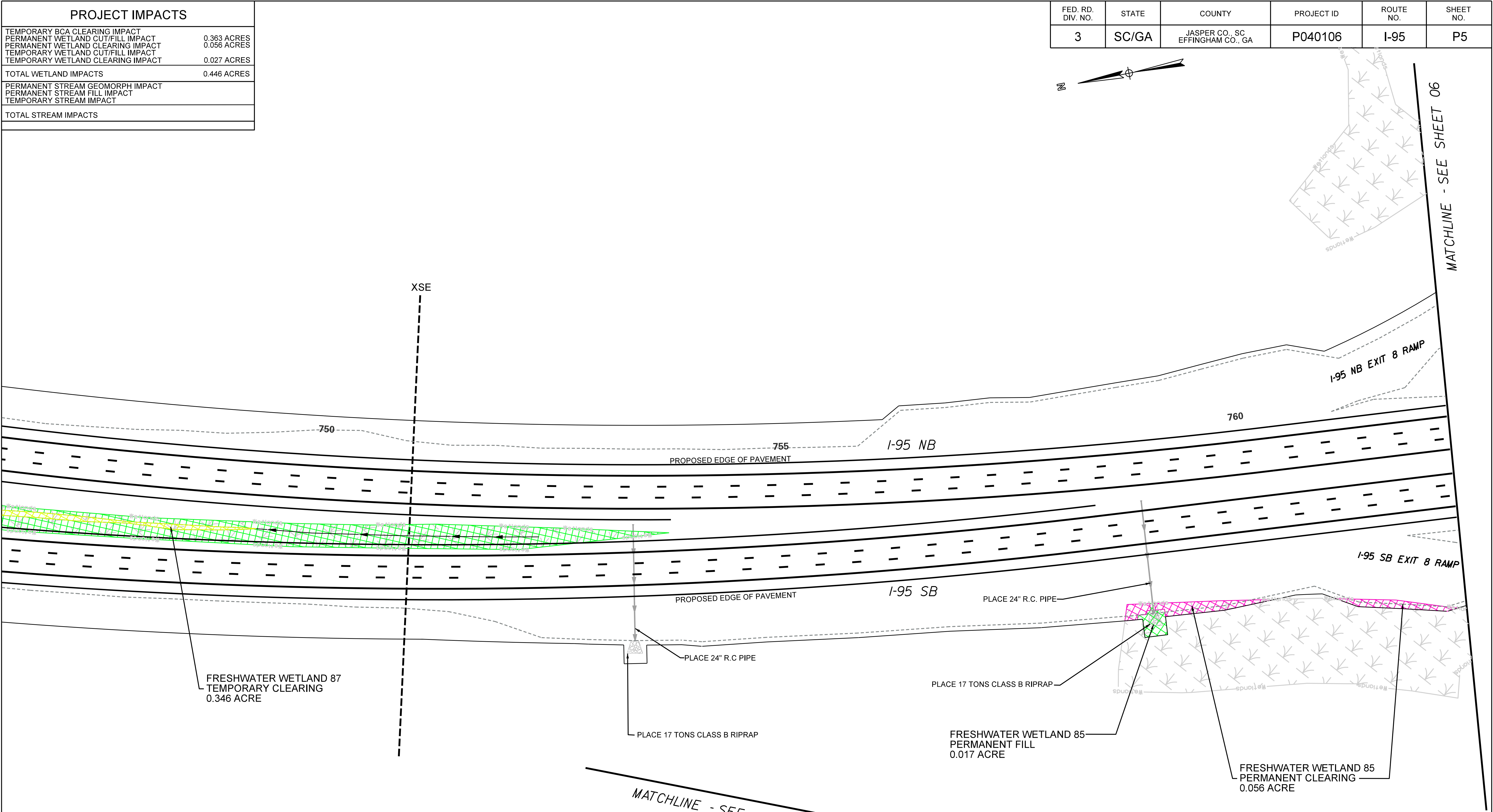
PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.363 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	0.056 ACRES
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	0.027 ACRES
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.446 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P5



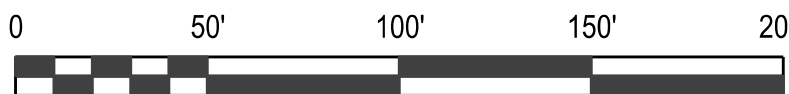
MATCHLINE - SEE SHEET 04

MATCHLINE - SEE SHEET 06



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

APPLICATION BY:

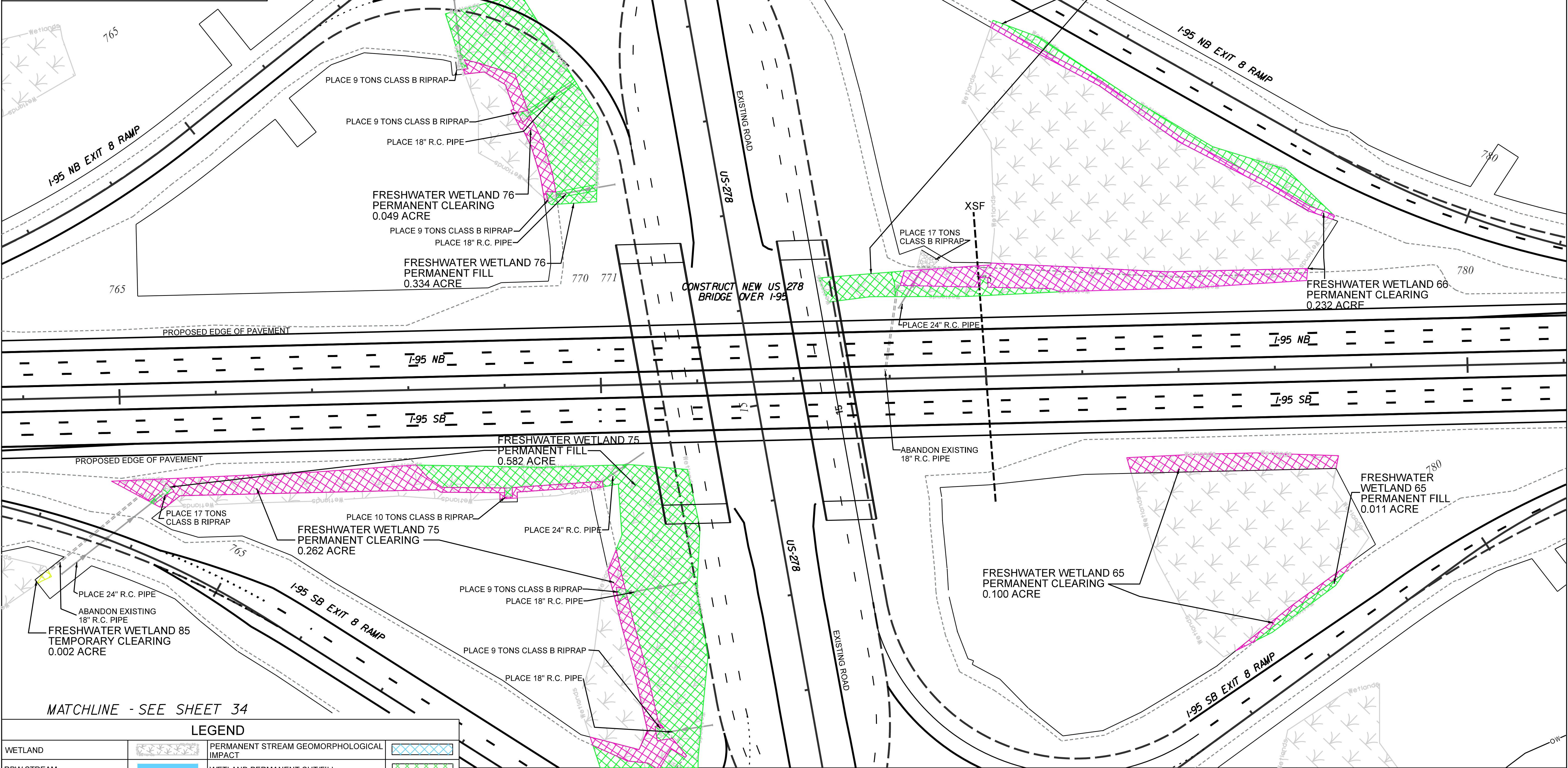


SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	1.086 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	0.641 ACRES
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	0.002 ACRES
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	1.729 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P6



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:

KCI TECHNOLOGIES
ENGINEERS | PLANNERS | SCIENTISTS | CONSTRUCTION MANAGERS



US ARMY CORPS OF ENGINEERS:
CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

APPLICATION BY:

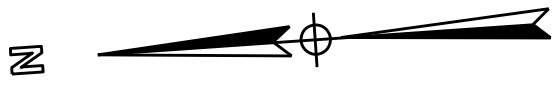
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

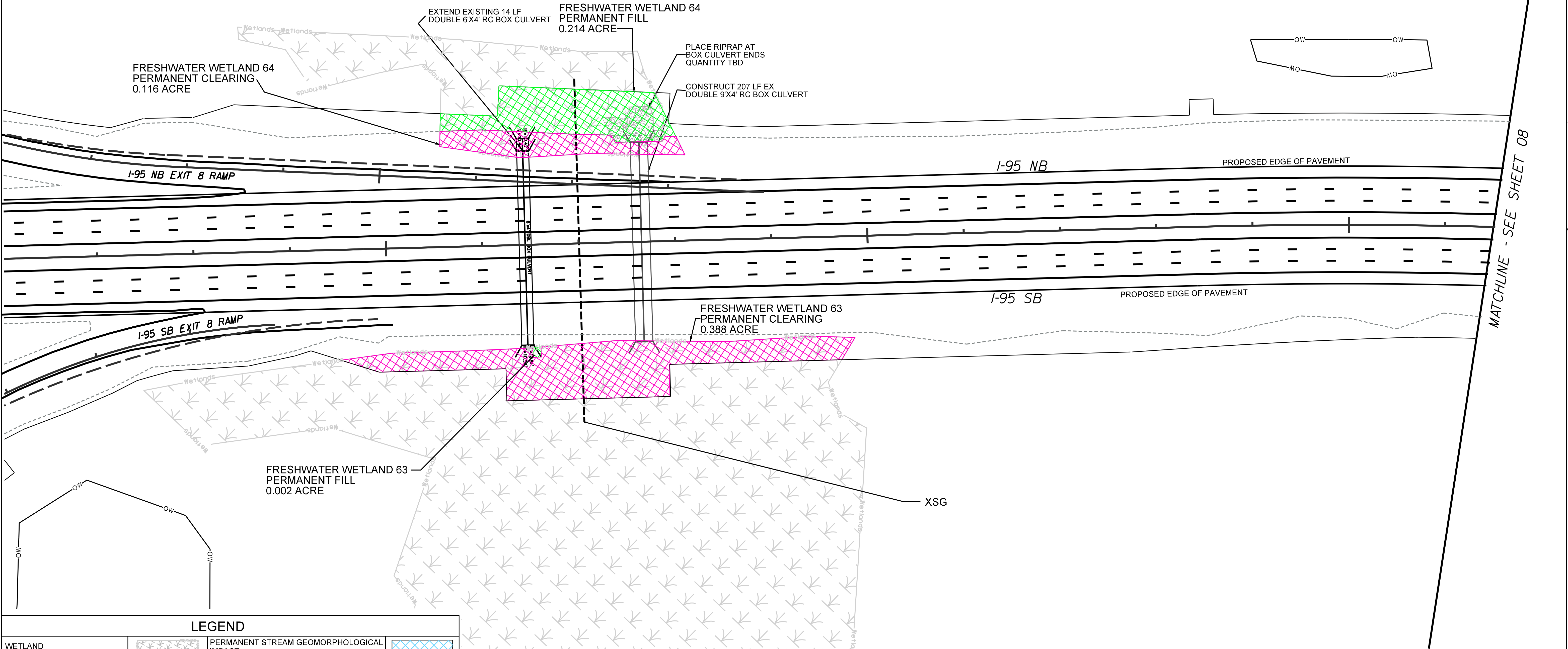
WATERS OF THE US IMPACTS P6 OF 37

PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.216 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	0.504 ACRES
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.719 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P7



MATCHLINE - SEE SHEET 06



MATCHLINE - SEE SHEET 08

LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

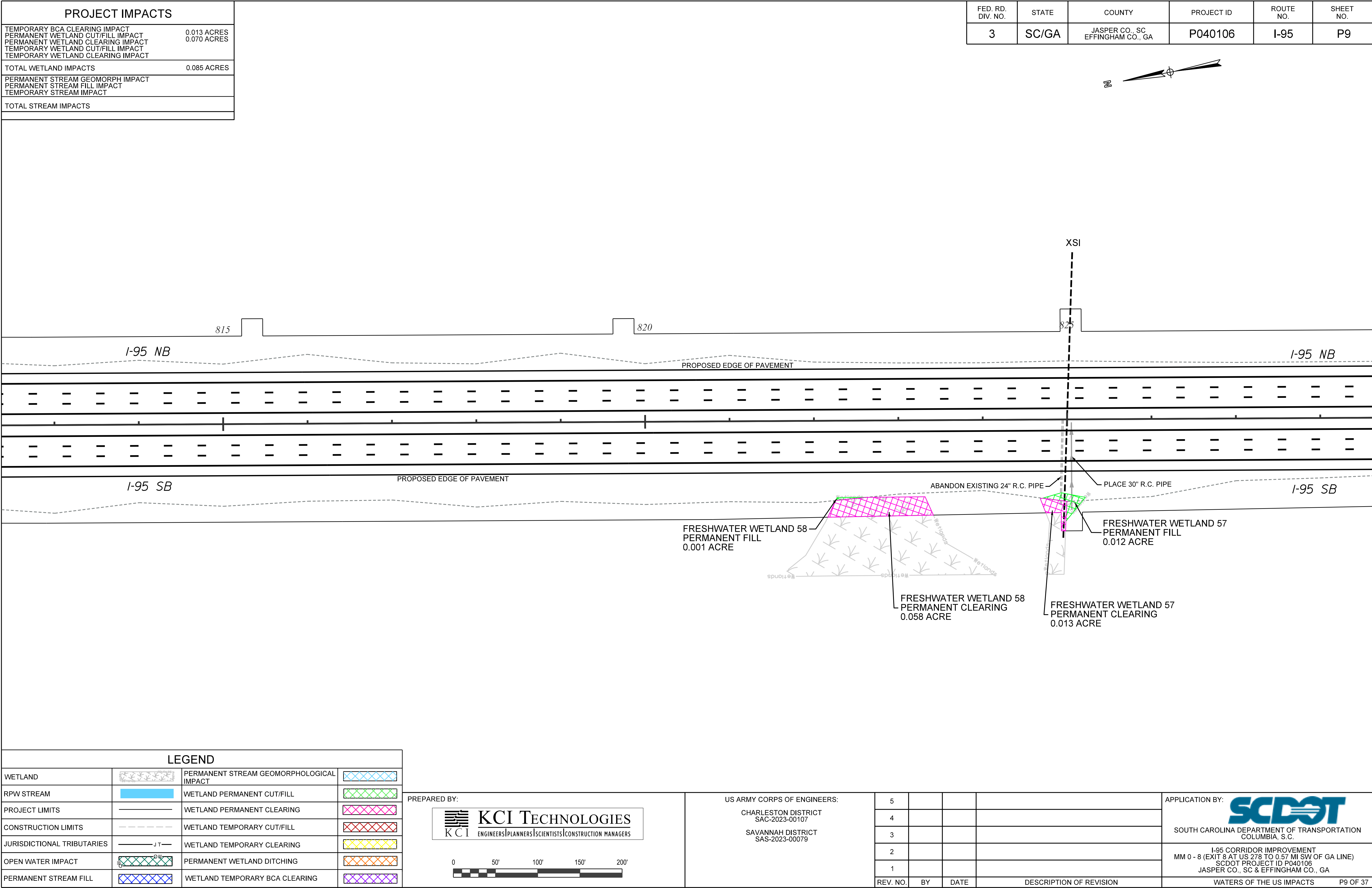
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US ARMY CORPS OF ENGINEERS:
CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

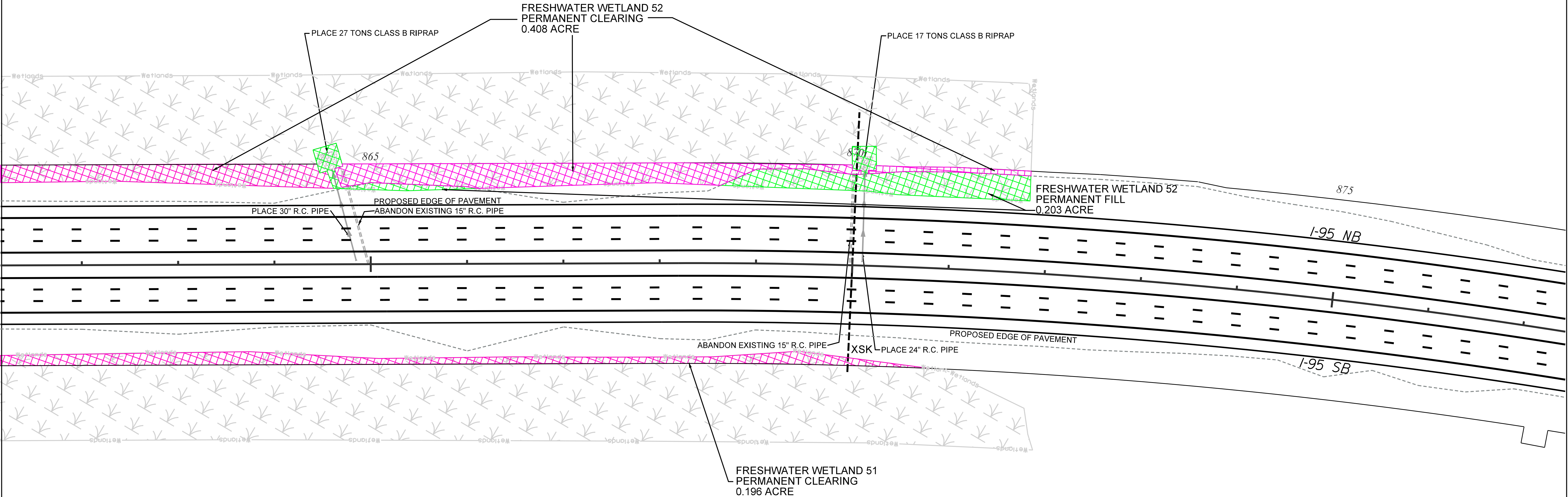
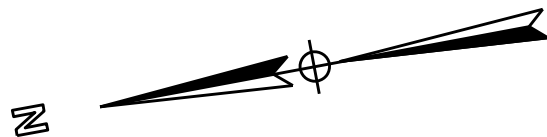
APPLICATION BY:	
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.	
I-95 CORRIDOR IMPROVEMENT MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE) SCDOT PROJECT ID P040106 JASPER CO., SC & EFFINGHAM CO., GA	
WATERS OF THE US IMPACTS	P7 OF 37



MATCHLINE - SEE SHEET 10

PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.203 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	0.604 ACRES
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.807 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P11



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:



SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

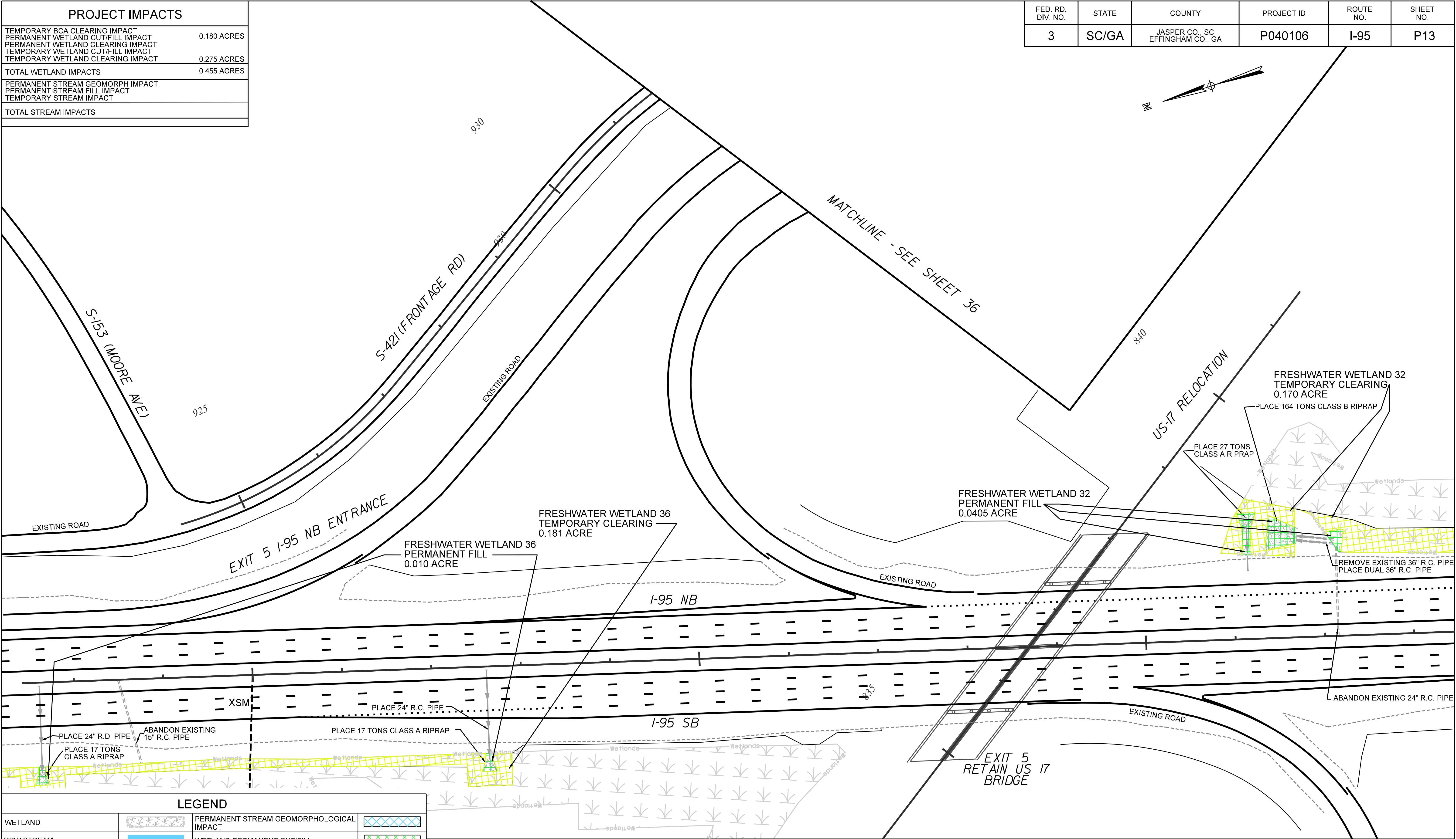
I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS P11 OF 37

PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.180 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	0.275 ACRES
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.455 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P13

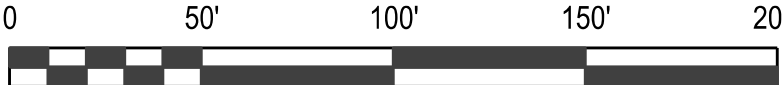
MATCHLINE - SEE SHEET 12



MATCHLINE - SEE SHEET 14

LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

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SAS-2023-00079

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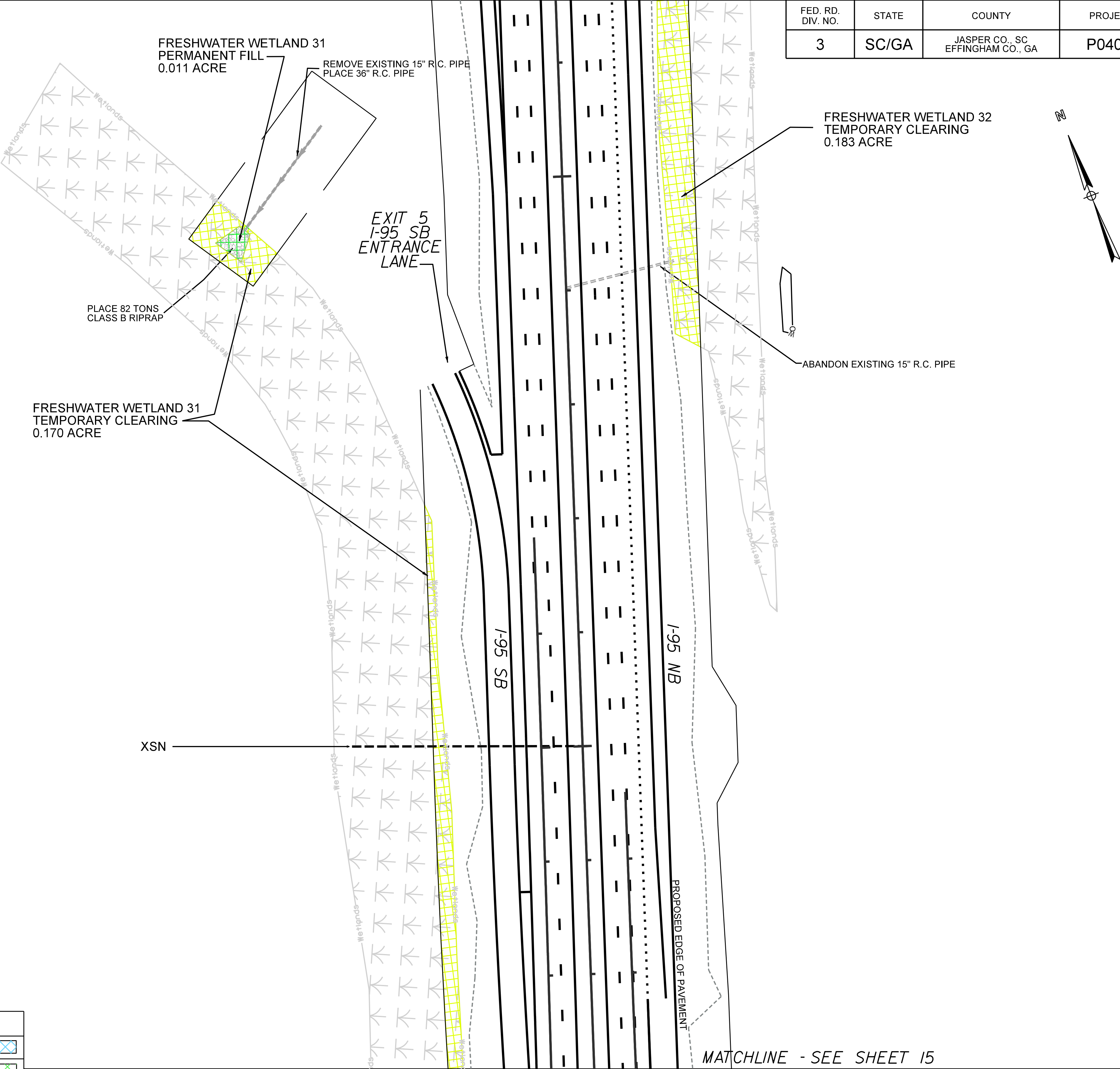


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS P13 OF 37

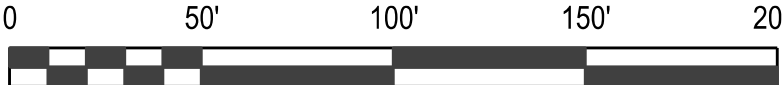
PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.011 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	0.353 ACRES
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.364 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P14



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:



SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

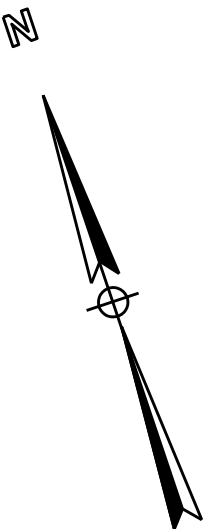
I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	
PERMANENT WETLAND CUT/FILL IMPACT	
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	0.029 ACRES
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.029 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	6.163 LF / 0.001 ACRES
TOTAL STREAM IMPACTS	6.163 LF / 0.001 ACRES

FRESHWATER WETLAND 31
TEMPORARY CLEARING
0.029 ACRE

STREAM 6
TEMPORARY STREAM IMPACT
6.163 LINEAR FEET
0.001 ACRE

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P15



I-95 SB

I-95 NB

PROPOSED EDGE OF PAVEMENT

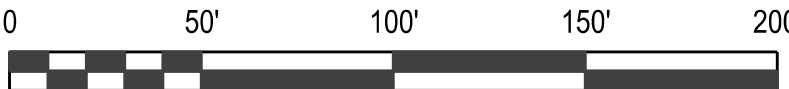
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WELCOME CENTER
NB EXIT

LEGEND

WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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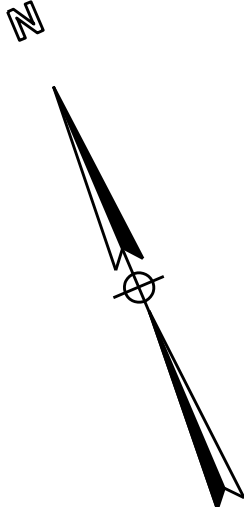
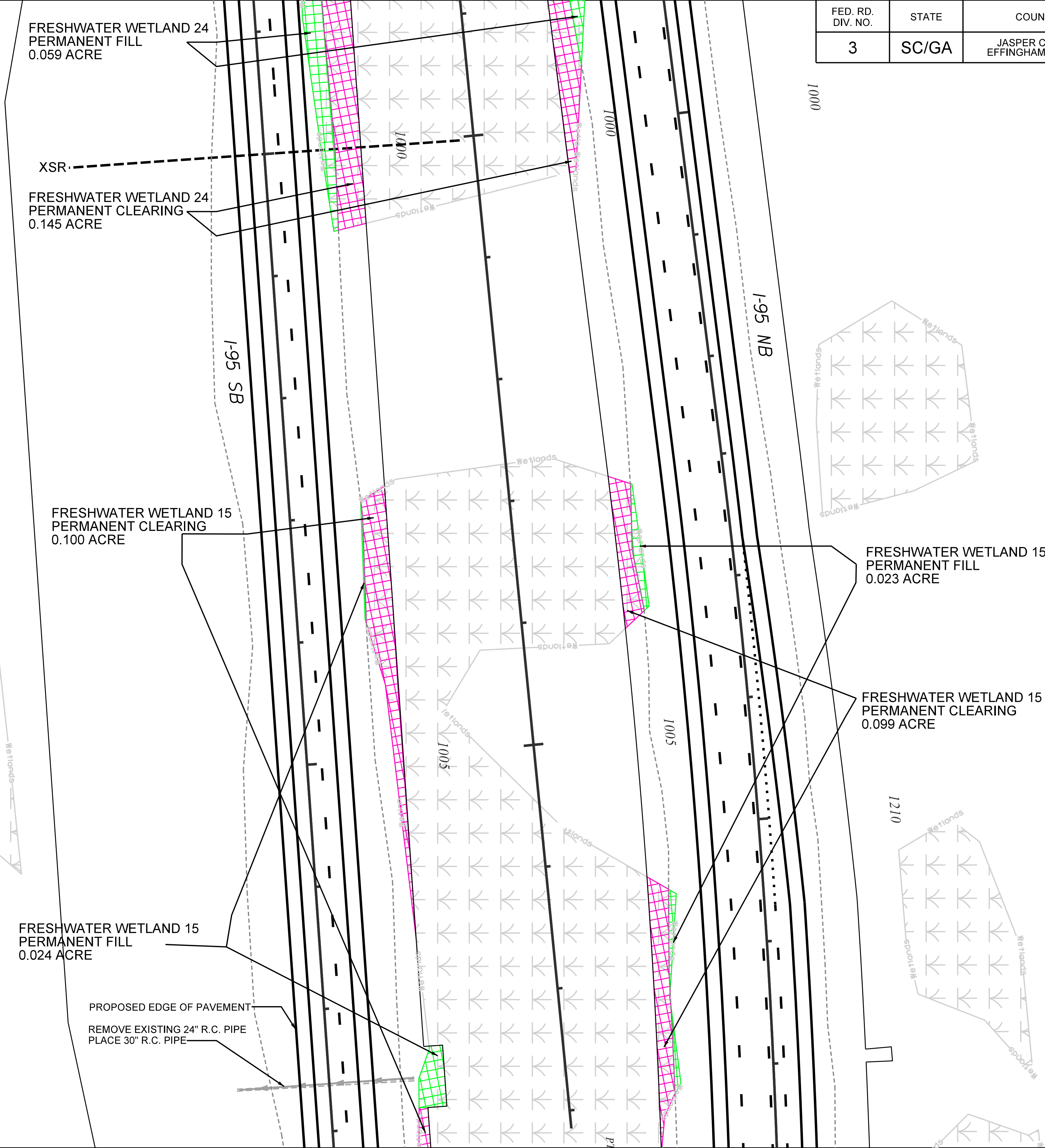
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.104 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	0.344 ACRES
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.448 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P18

LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	



PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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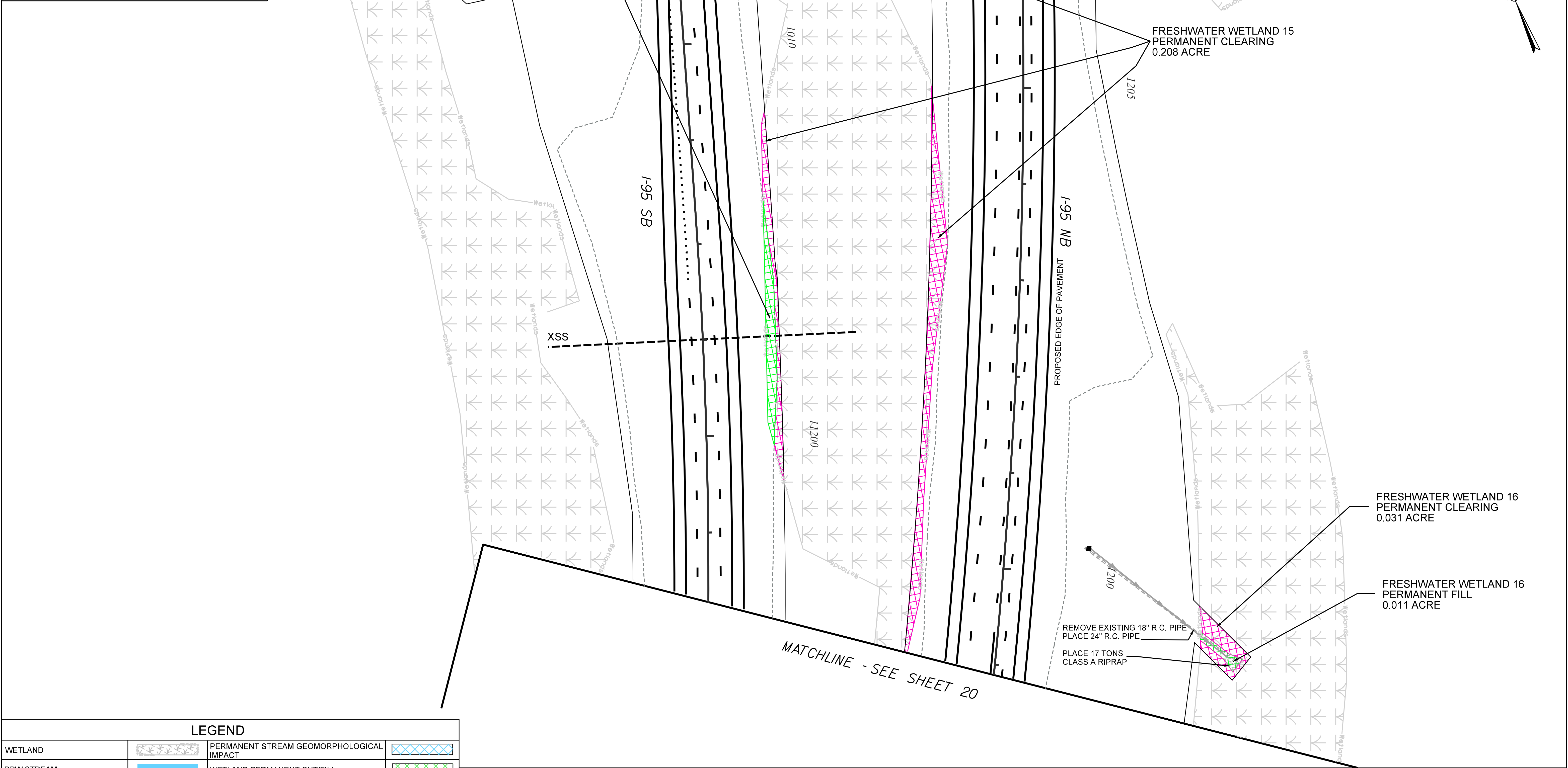
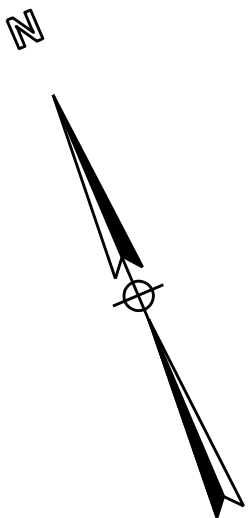


SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
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SCDOT PROJECT ID P040106
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PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.054 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	0.236 ACRES
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.290 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P19



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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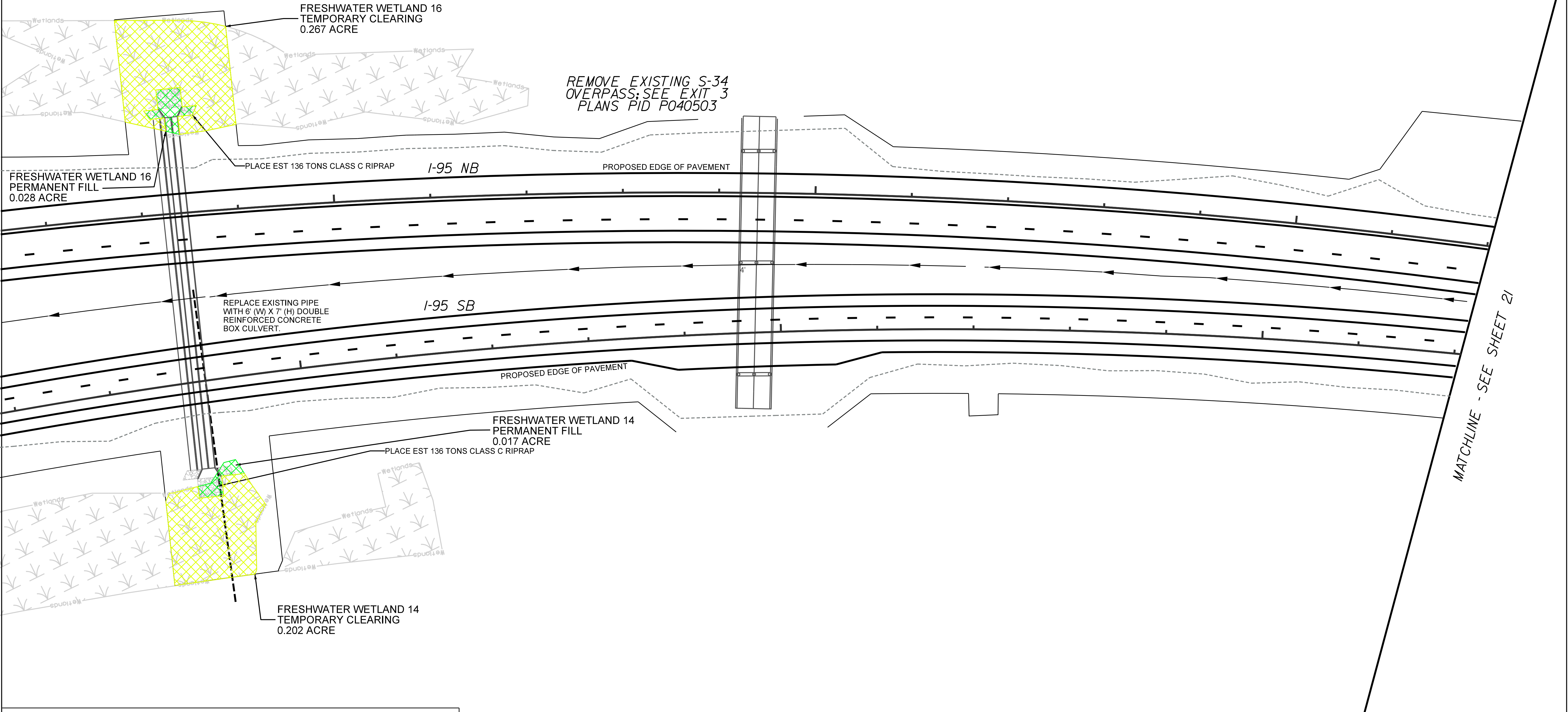
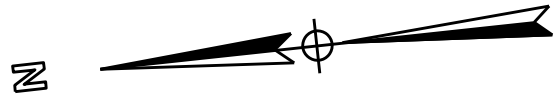


SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
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JASPER CO., SC & EFFINGHAM CO., GA

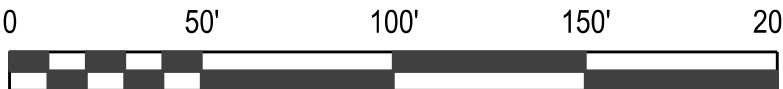
PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.045 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	0.469 ACRES
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.514 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P20A



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



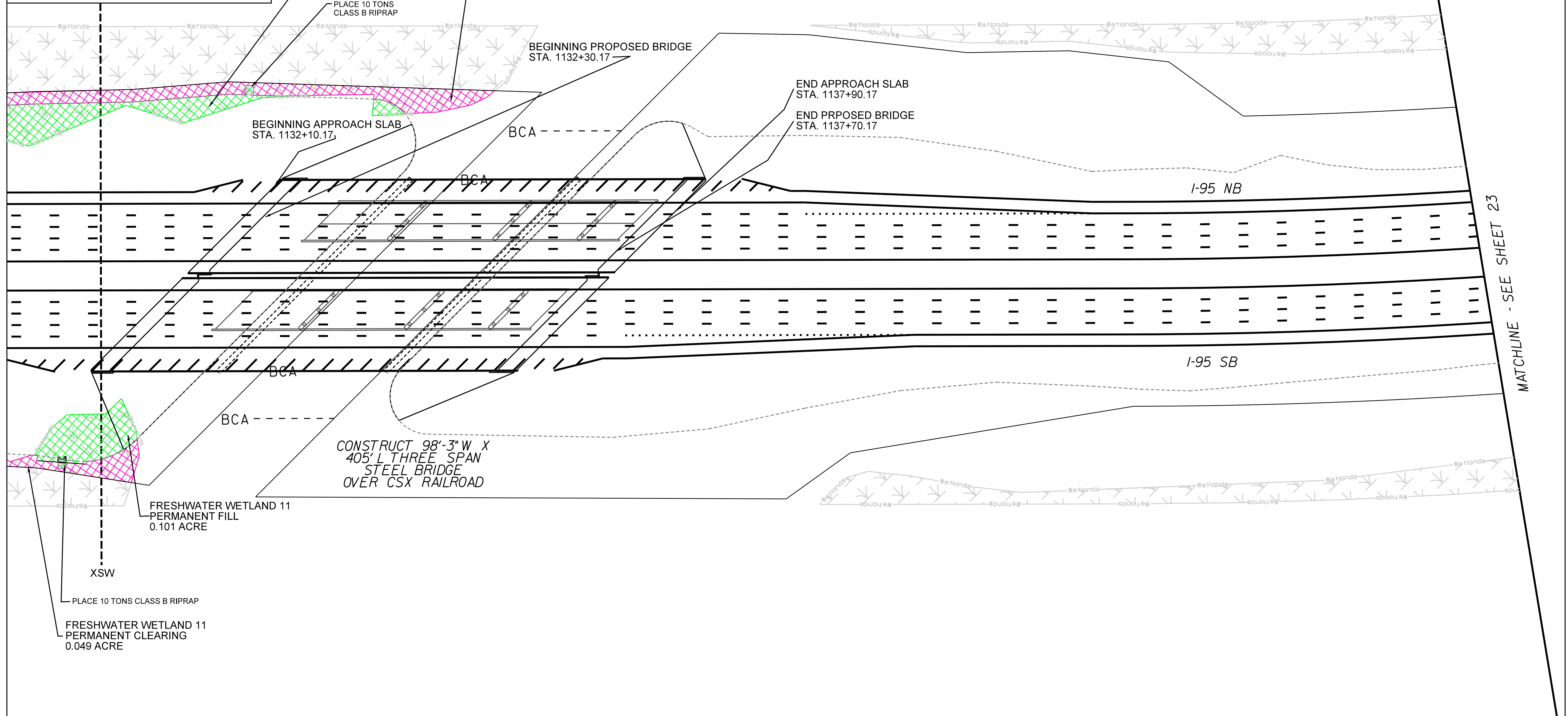
US ARMY CORPS OF ENGINEERS:
CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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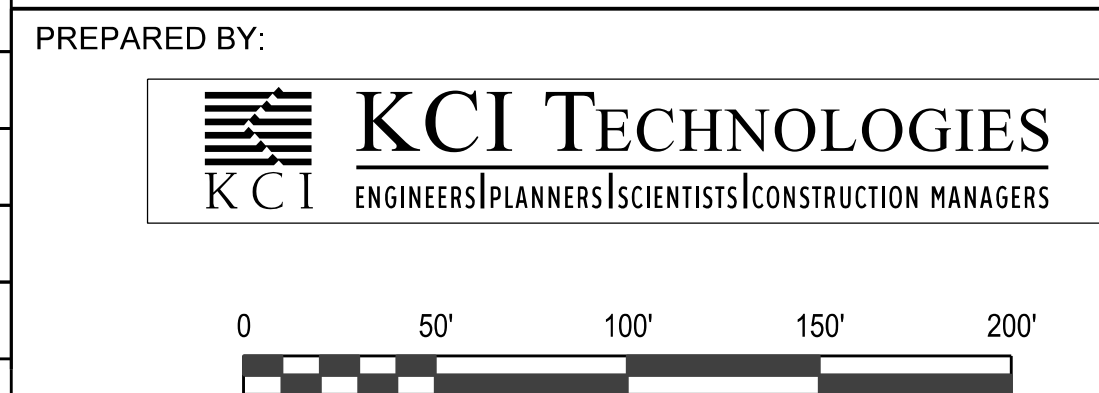
APPLICATION BY:	
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.	
I-95 CORRIDOR IMPROVEMENT MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE) SCDOT PROJECT ID P040106 JASPER CO., SC & EFFINGHAM CO., GA	
WATERS OF THE US IMPACTS	P20A OF 37


PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	
PERMANENT WETLAND CUT/FILL IMPACT	0.238 ACRES
PERMANENT WETLAND CLEARING IMPACT	0.209 ACRES
TEMPORARY WETLAND CUT/FILL IMPACT	
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.447 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P22



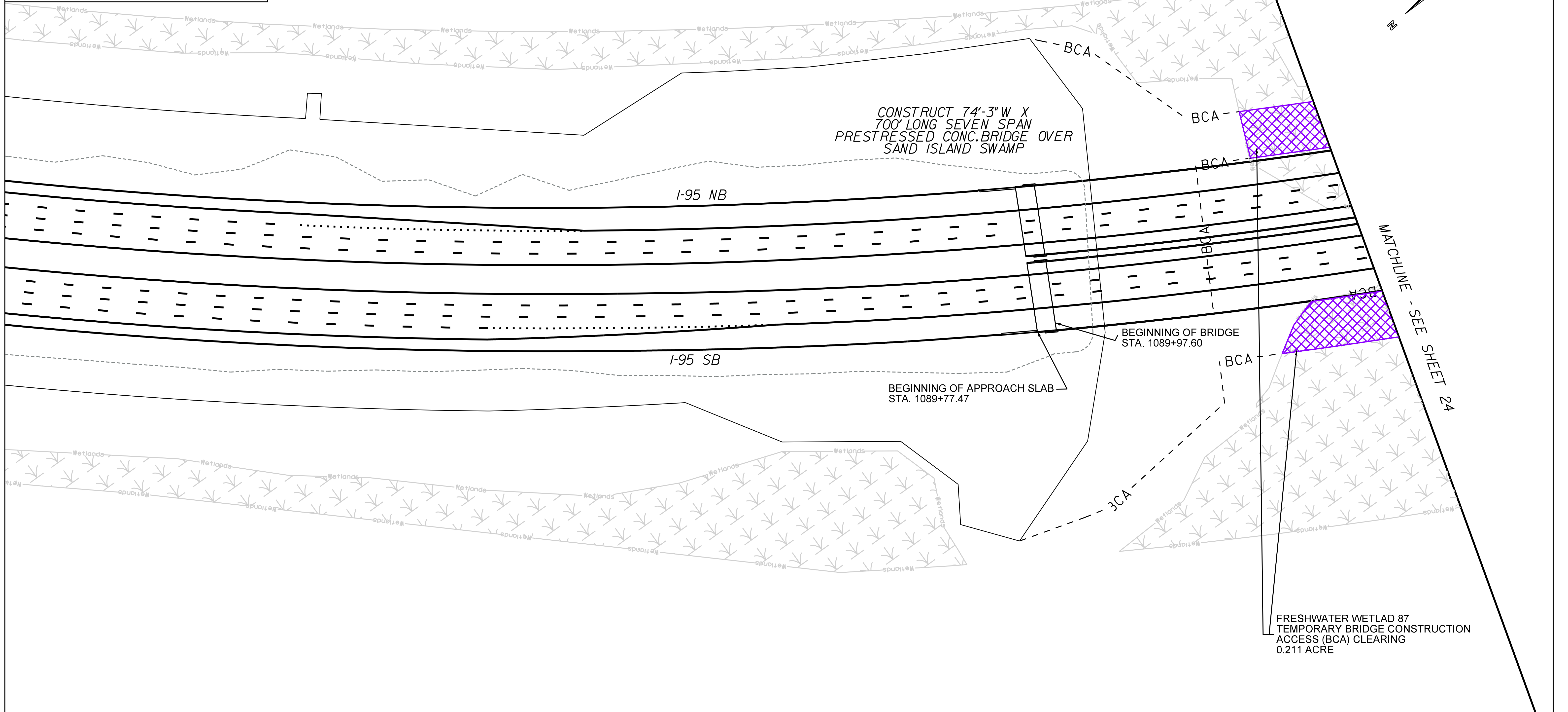
LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	



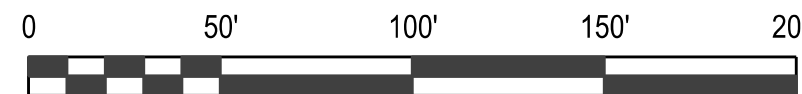
US ARMY CORPS OF ENGINEERS: CHARLESTON DISTRICT SAC-2023-00107 SAVANNAH DISTRICT SAS-2023-00079	5				APPLICATION BY:  SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.
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	2				I-95 CORRIDOR IMPROVEMENT MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE) SCDOT PROJECT ID P040106 JASPER CO., SC & EFFINGHAM CO., GA
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	REV. NO.	BY	DATE	DESCRIPTION OF REVISION	WATERS OF THE US IMPACTS

PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.211 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.211 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P23



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

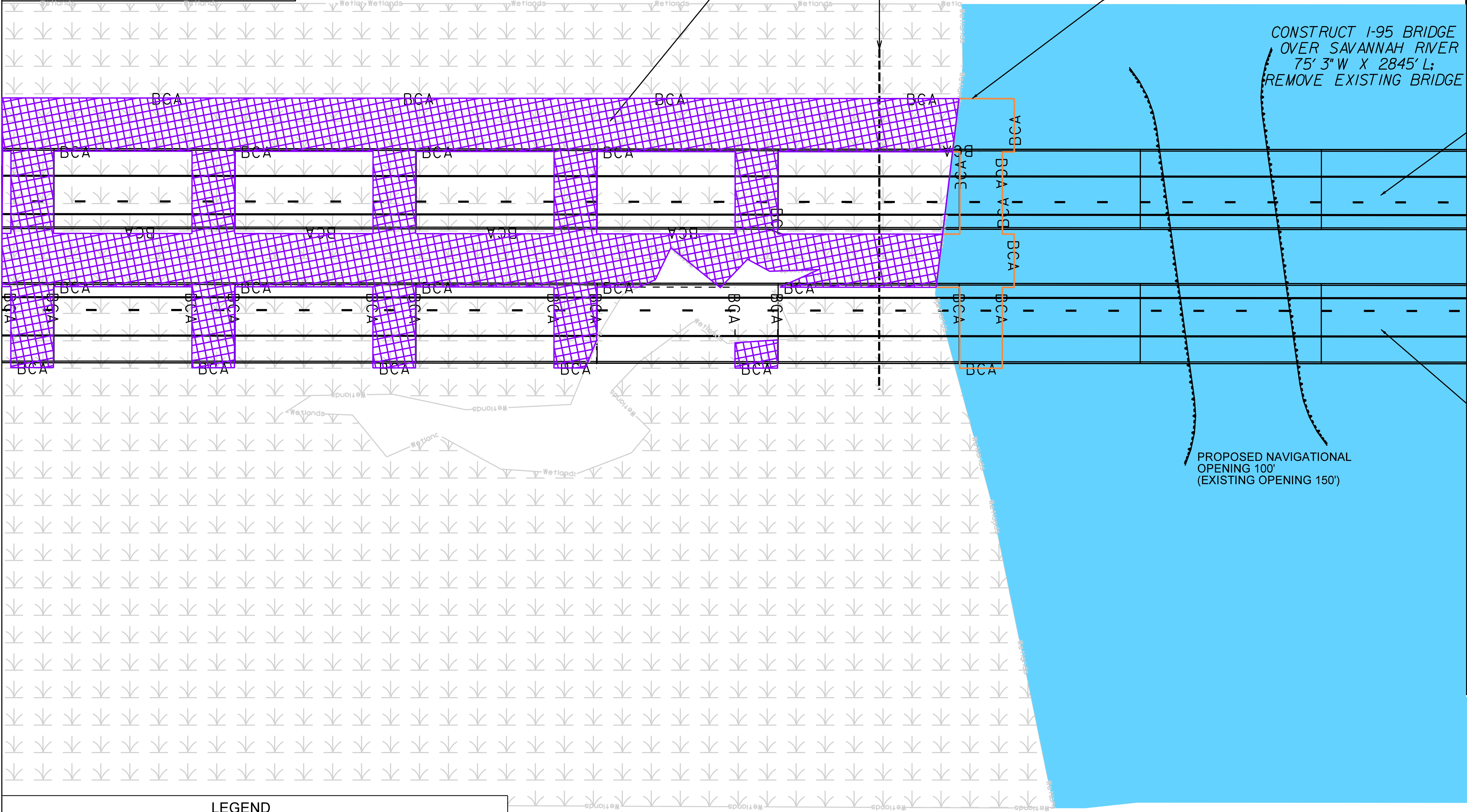


PREPARED BY:

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MATCHLINE - SEE SHEET 26

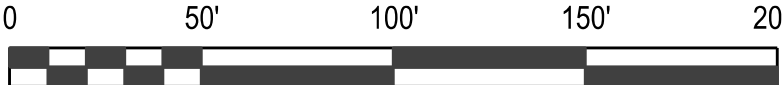
PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	2.637 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	2.637 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TOTAL STREAM IMPACTS	



FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P27

LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS P27 OF37

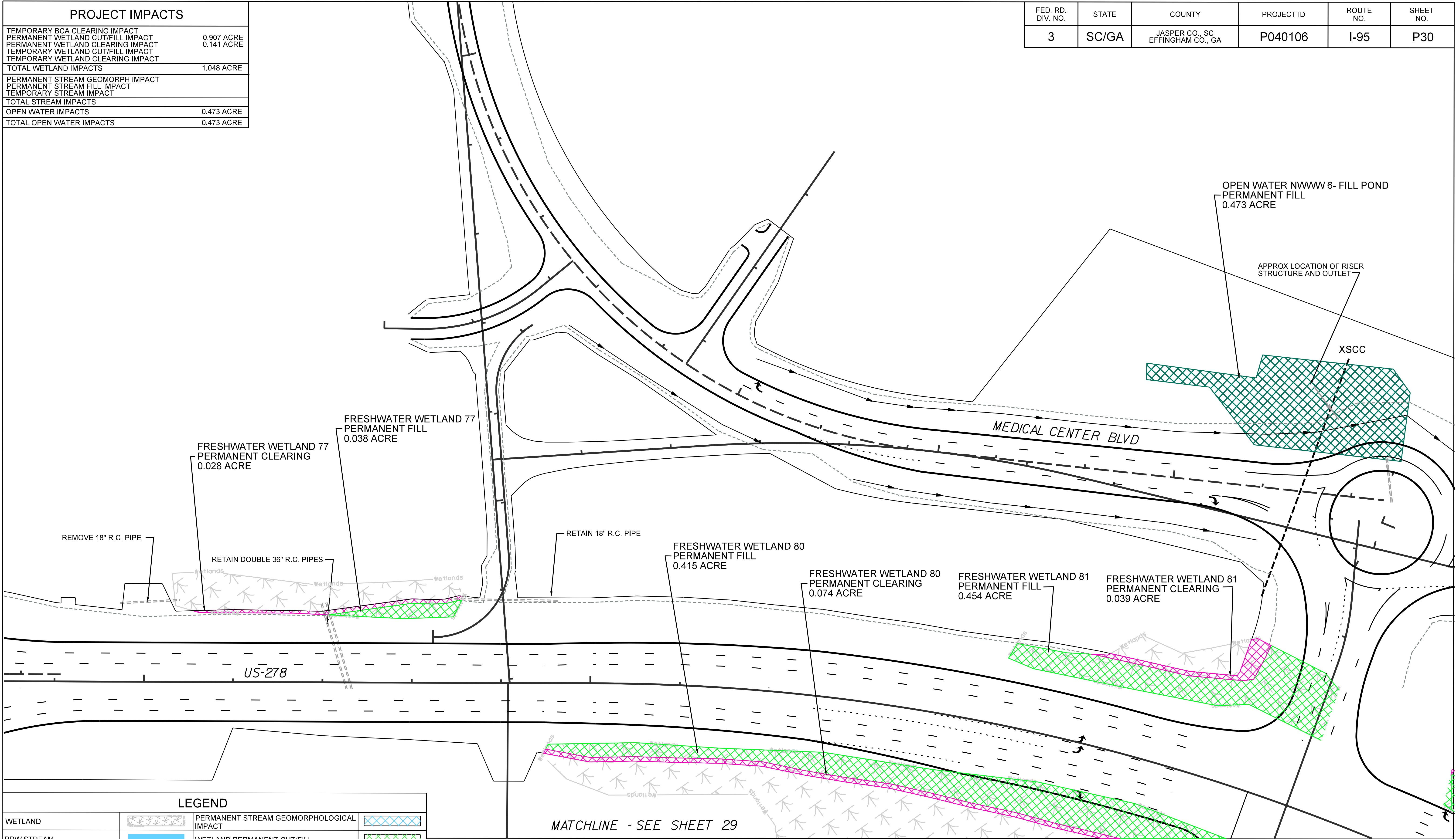
MATCHLINE - SEE SHEET 28

SOUTH CAROLINA
GEORGIA

PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.907 ACRE
PERMANENT WETLAND CUT/FILL IMPACT	0.141 ACRE
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	1.048 ACRE
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	
OPEN WATER IMPACTS	0.473 ACRE
TOTAL OPEN WATER IMPACTS	0.473 ACRE

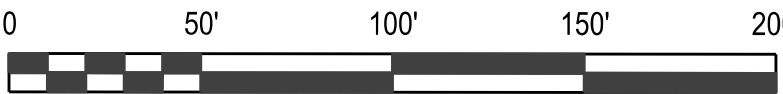
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P30

MATCHLINE - SEE SHEET 31



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:

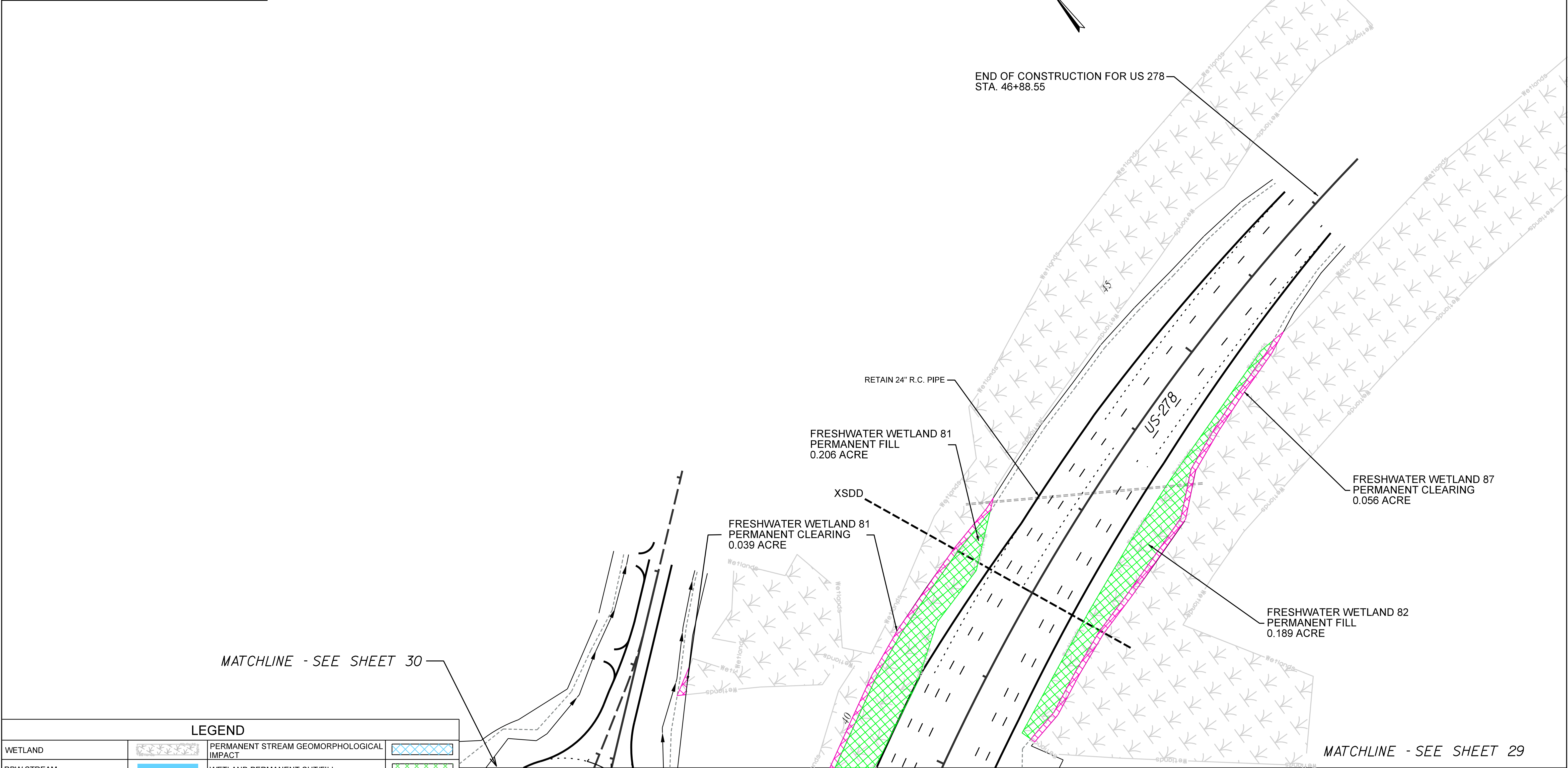


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SVY OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS P30 OF 37

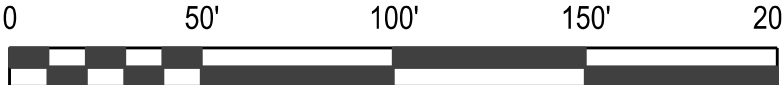
PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.395 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	0.095 ACRES
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.490 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P31



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

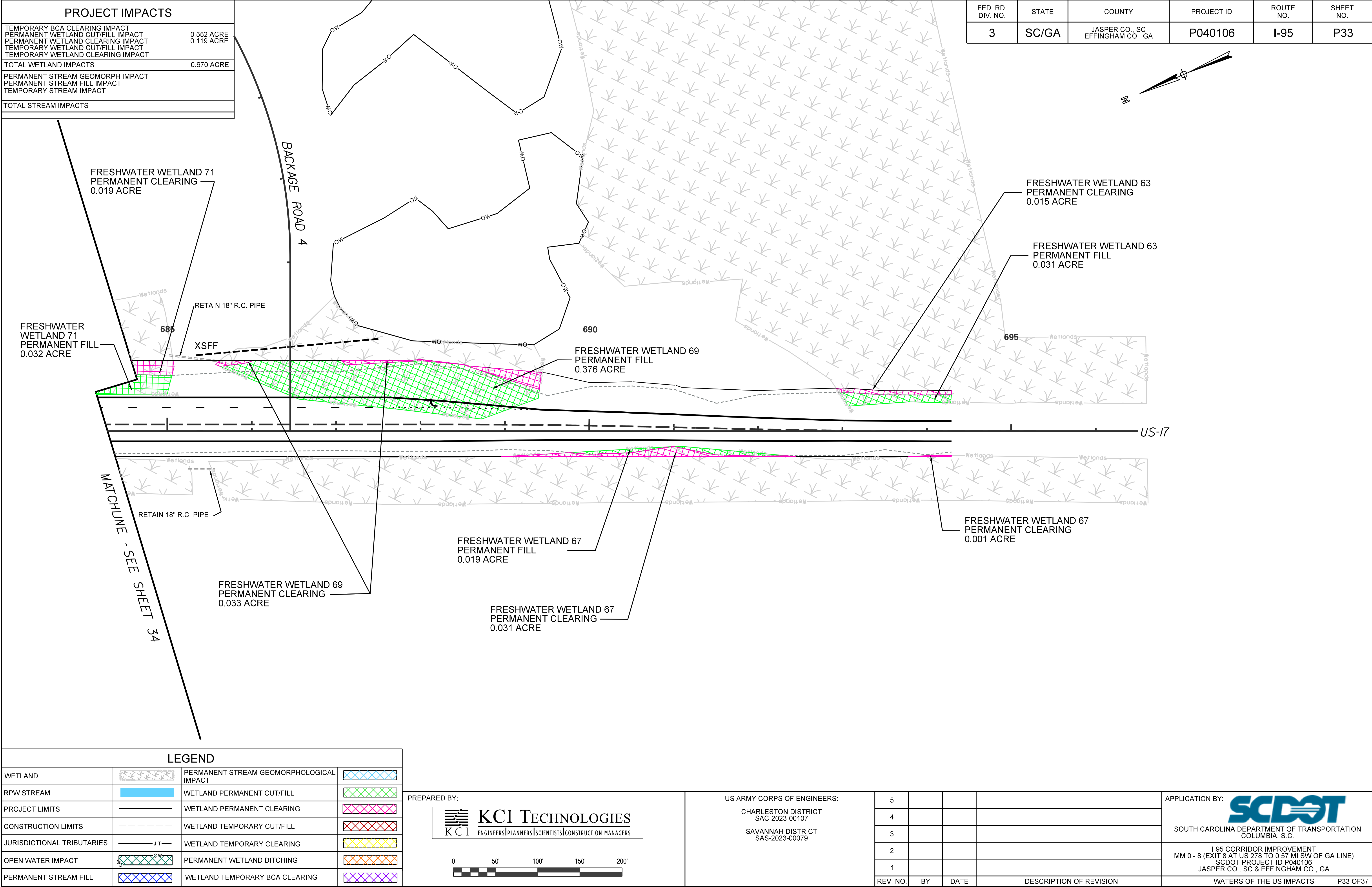
SAVANNAH DISTRICT
SAS-2023-00079

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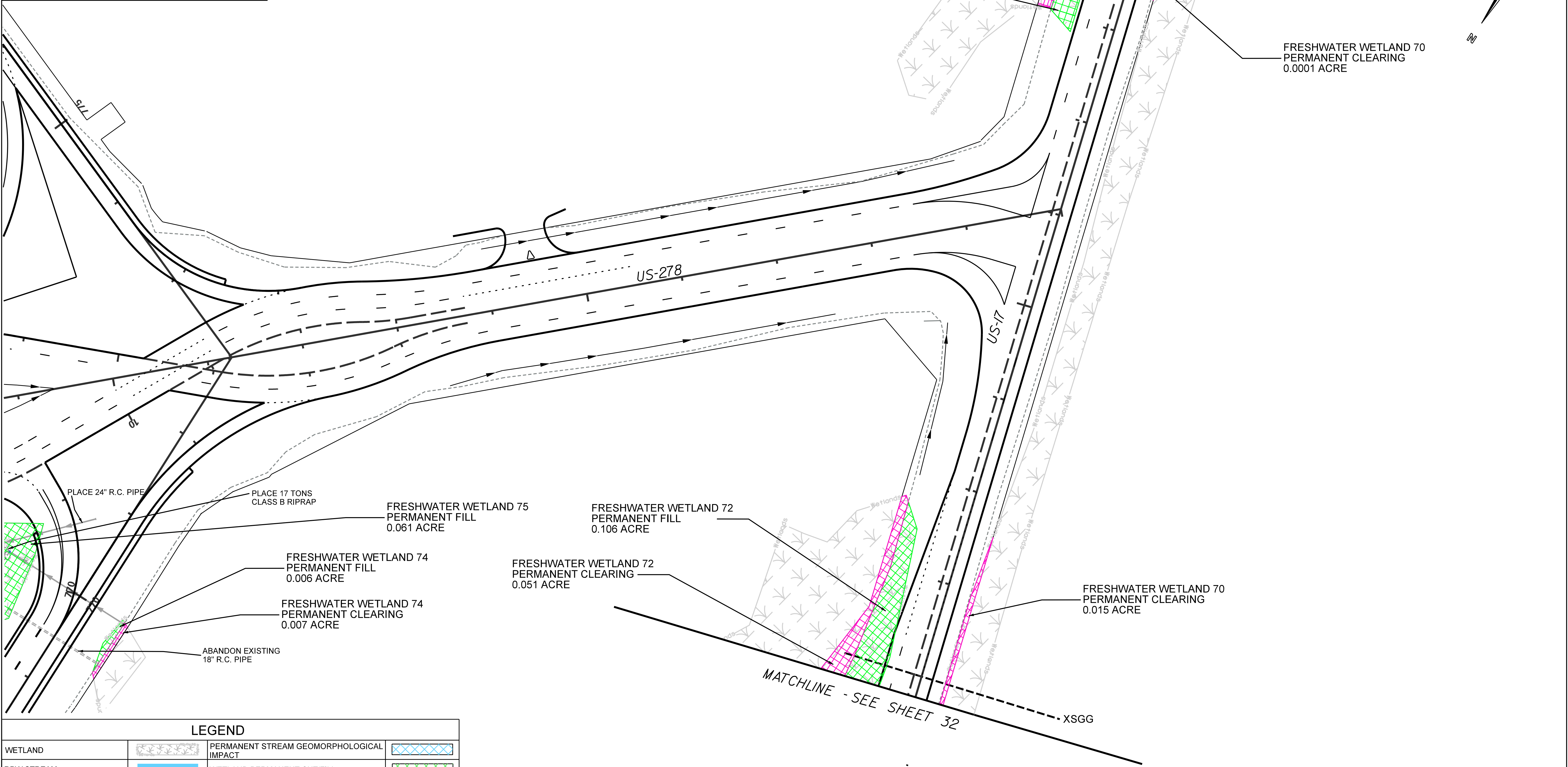
APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA



PROJECT IMPACTS	
TEMPORARY BCA CLEARING IMPACT	0.261 ACRES
PERMANENT WETLAND CUT/FILL IMPACT	0.127 ACRES
PERMANENT WETLAND CLEARING IMPACT	
TEMPORARY WETLAND CUT/FILL IMPACT	
TEMPORARY WETLAND CLEARING IMPACT	
TOTAL WETLAND IMPACTS	0.388 ACRES
PERMANENT STREAM GEOMORPH IMPACT	
PERMANENT STREAM FILL IMPACT	
TEMPORARY STREAM IMPACT	
TOTAL STREAM IMPACTS	



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:

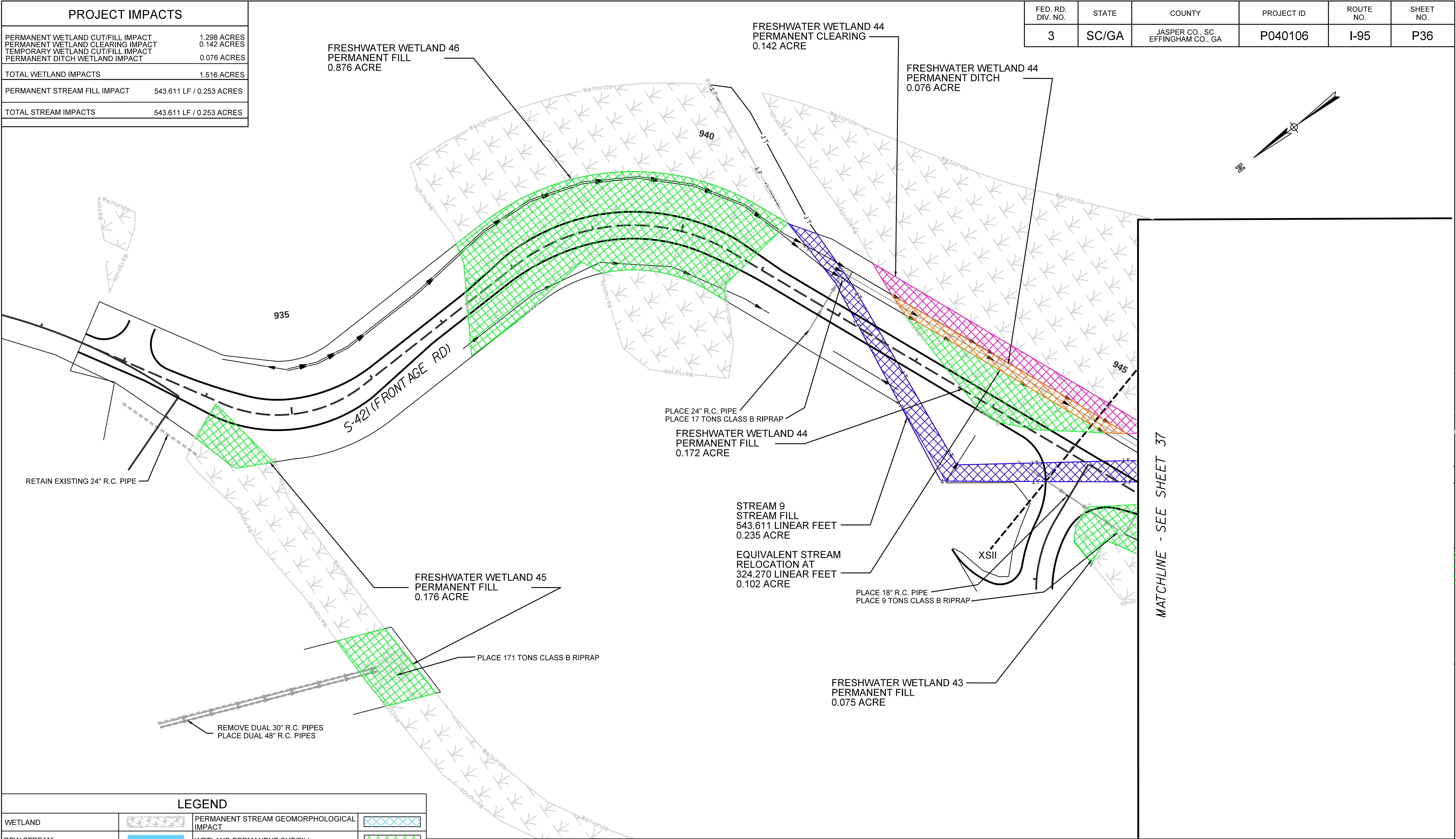


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

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PROJECT IMPACTS	
PERMANENT WETLAND CUT/FILL IMPACT	1.298 ACRES
PERMANENT WETLAND CLEARING IMPACT	0.142 ACRES
TEMPORARY WETLAND CUT/FILL IMPACT	0.076 ACRES
PERMANENT DITCH WETLAND IMPACT	
TOTAL WETLAND IMPACTS	1.516 ACRES
PERMANENT STREAM FILL IMPACT	543.611 LF / 0.253 ACRES
TOTAL STREAM IMPACTS	543.611 LF / 0.253 ACRES

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	P36



LEGEND			
WETLAND		PERMANENT STREAM GEOMORPHOLOGICAL IMPACT	
RPW STREAM		WETLAND PERMANENT CUT/FILL	
PROJECT LIMITS		WETLAND PERMANENT CLEARING	
CONSTRUCTION LIMITS		WETLAND TEMPORARY CUT/FILL	
JURISDICTIONAL TRIBUTARIES		WETLAND TEMPORARY CLEARING	
OPEN WATER IMPACT		PERMANENT WETLAND DITCHING	
PERMANENT STREAM FILL		WETLAND TEMPORARY BCA CLEARING	

PREPARED BY:

KCI TECHNOLOGIES
ENGINEERS | PLANNERS | SCIENTISTS | CONSTRUCTION MANAGERS

US ARMY CORPS OF ENGINEERS:
CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

APPLICATION BY:

SCDOT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

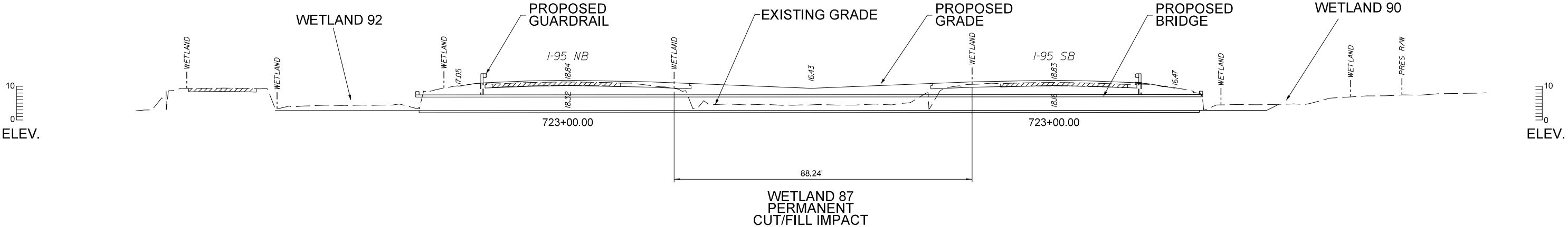
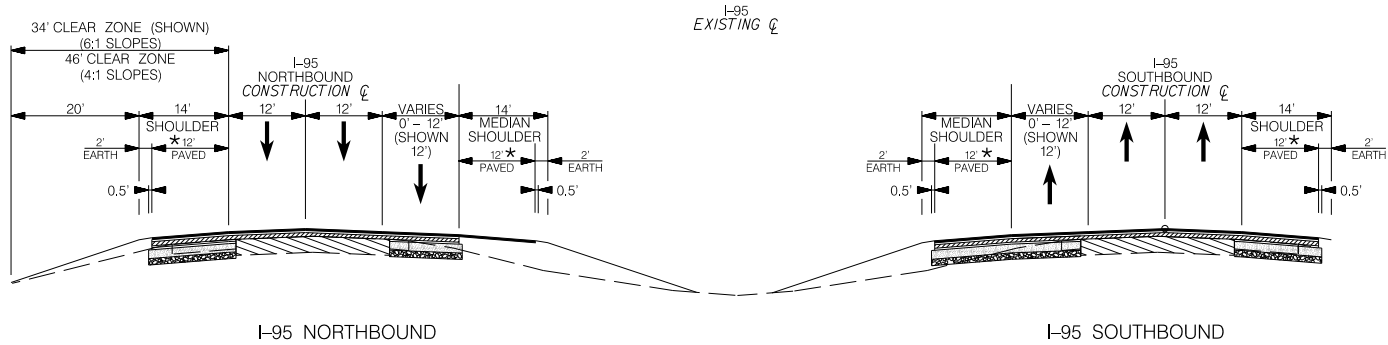
I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

P36 OF 37

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSB

I-95 TYPICAL



I-95
Cross Section B
Station 723+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:

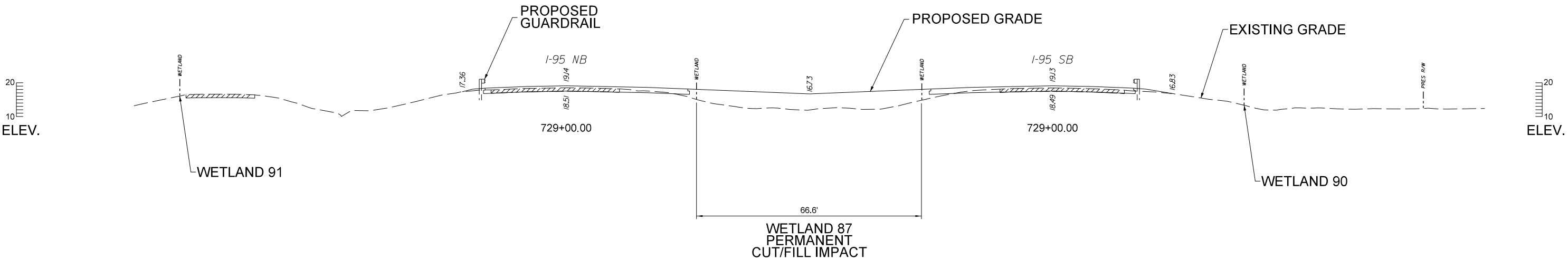
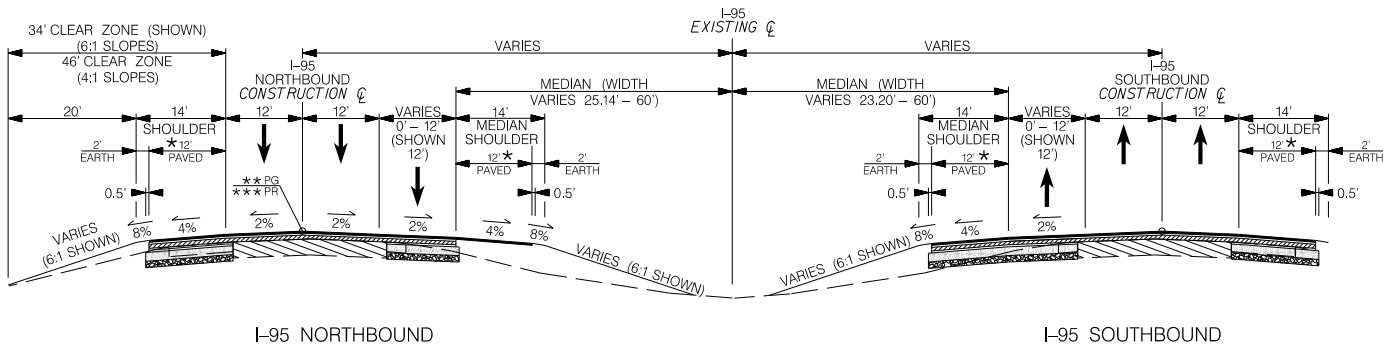


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

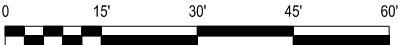
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSC



I-95
Cross Section C
Station 729+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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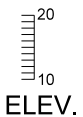
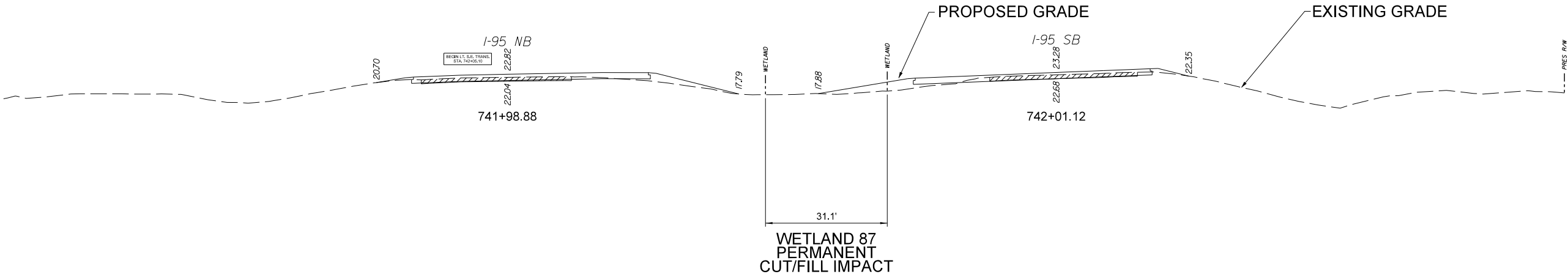
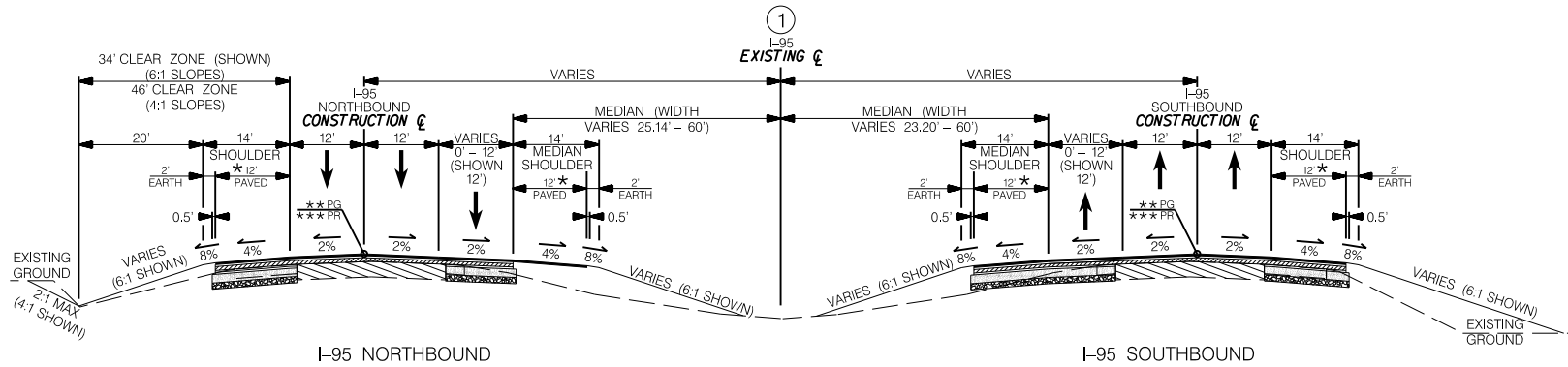
APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
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SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

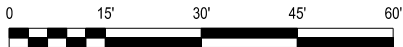
WATERS OF THE US IMPACTS XS C

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSD



I-95
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PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:

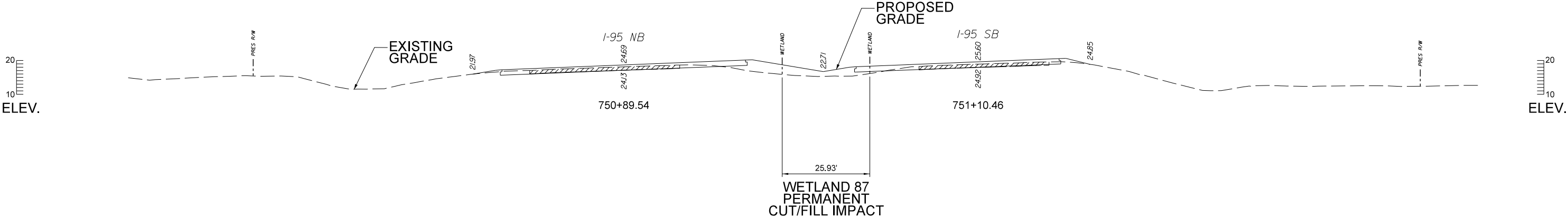
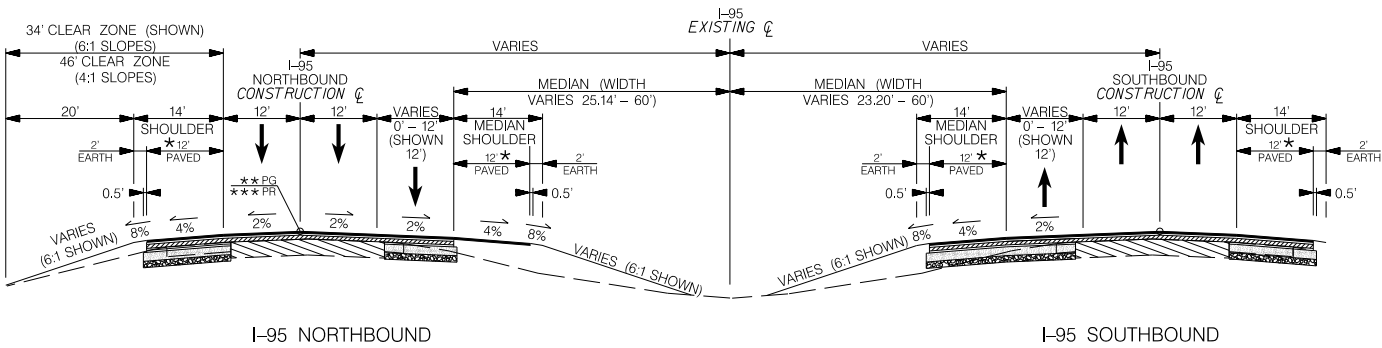


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

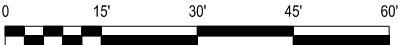
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSE



I-95
Cross Section E
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PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:



SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

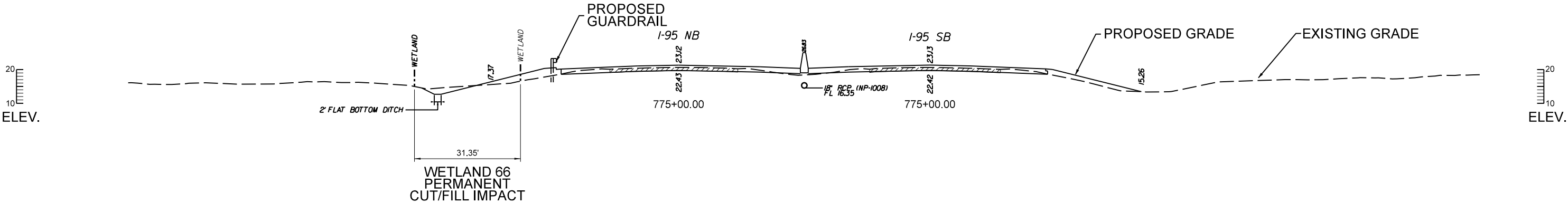
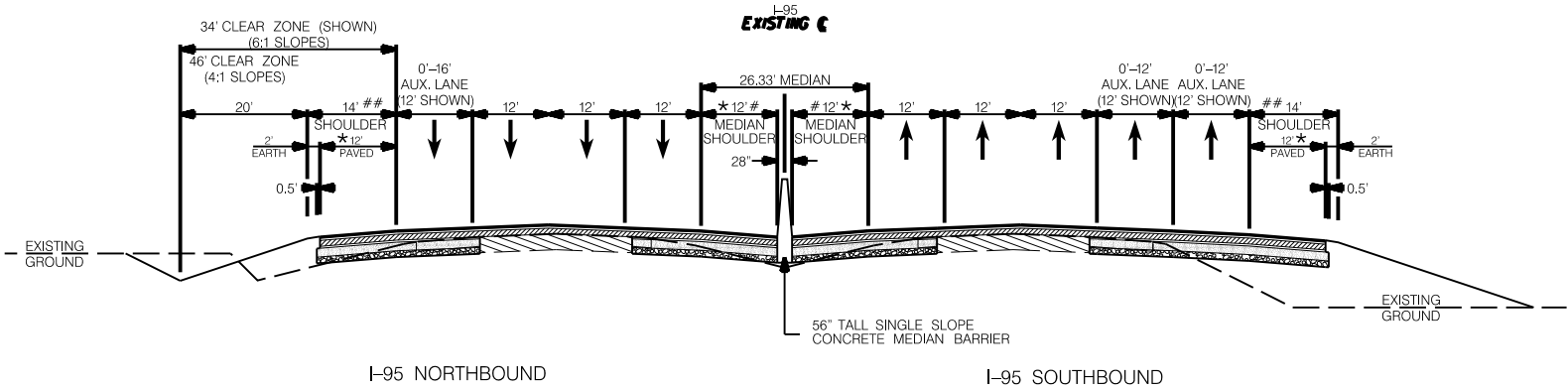
I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

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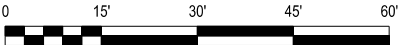
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3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSF

I-95 TYPICAL



I-95
Cross Section F
Station 775+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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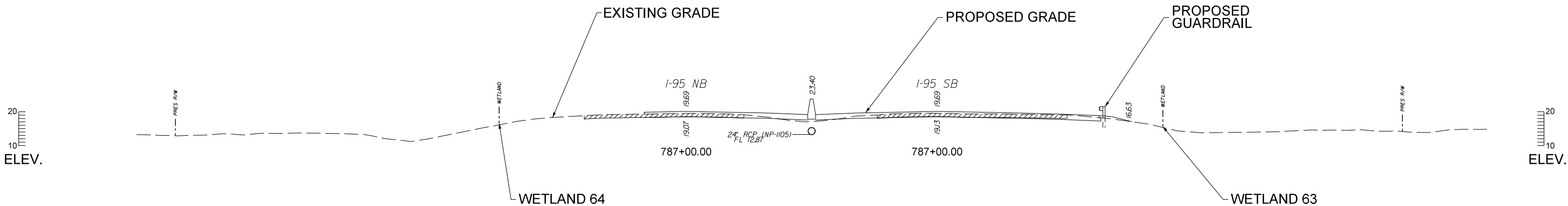
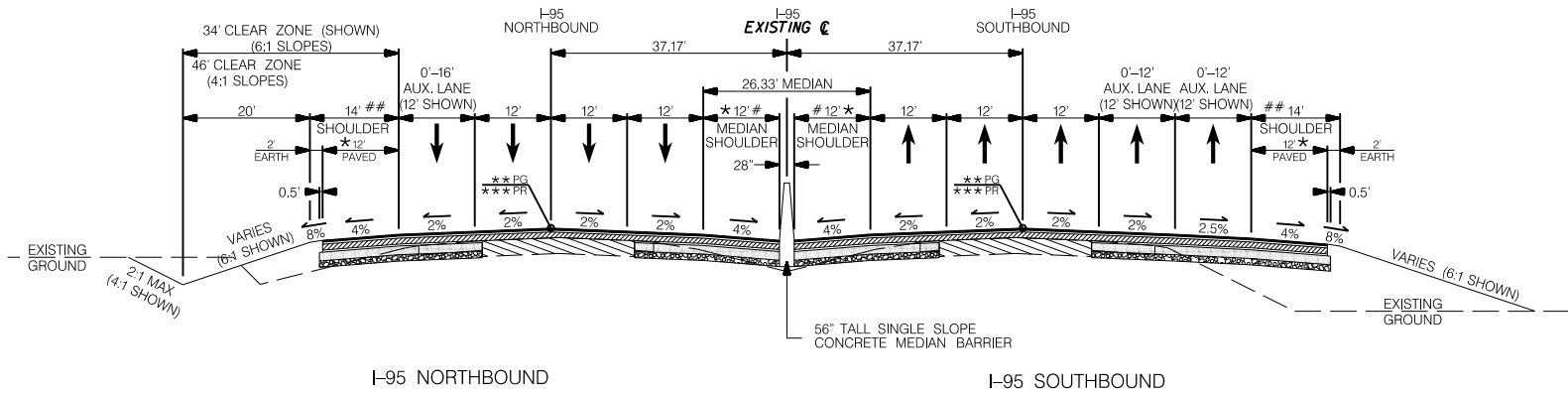


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

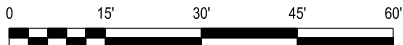
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSG



I-95
Cross Section G
Station 787+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:

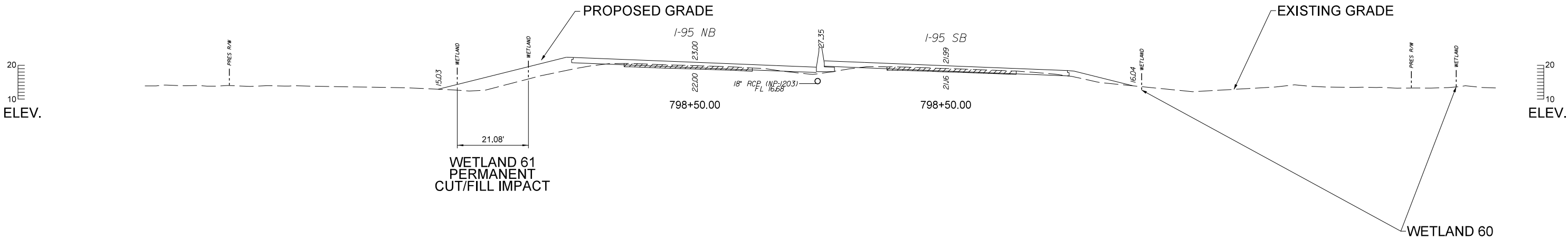
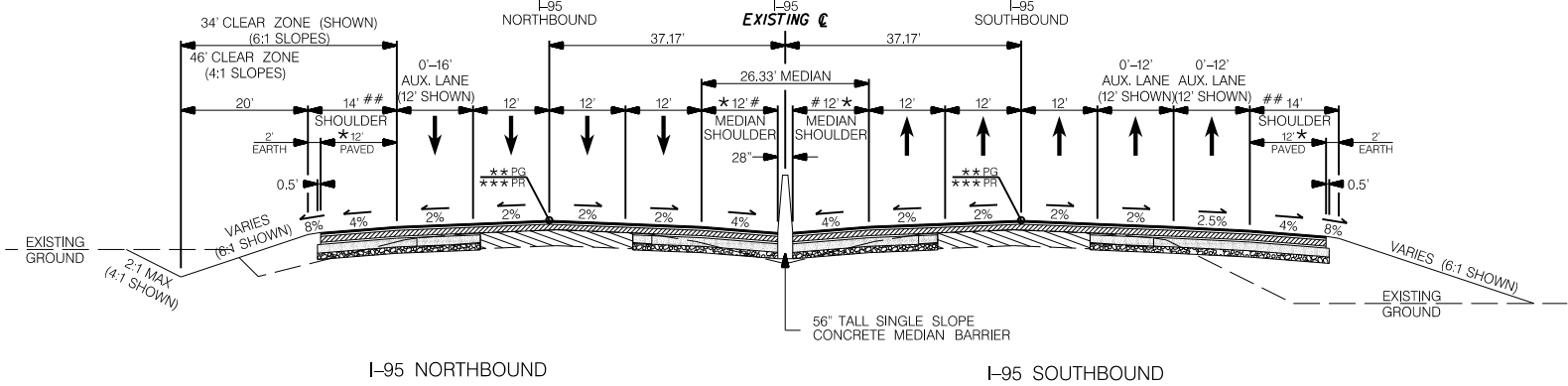


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

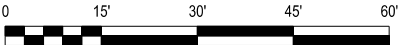
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3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSH



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Cross Section H
Station 798+50.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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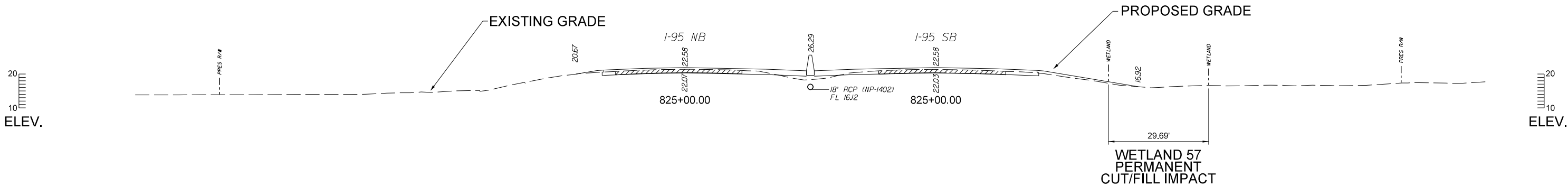
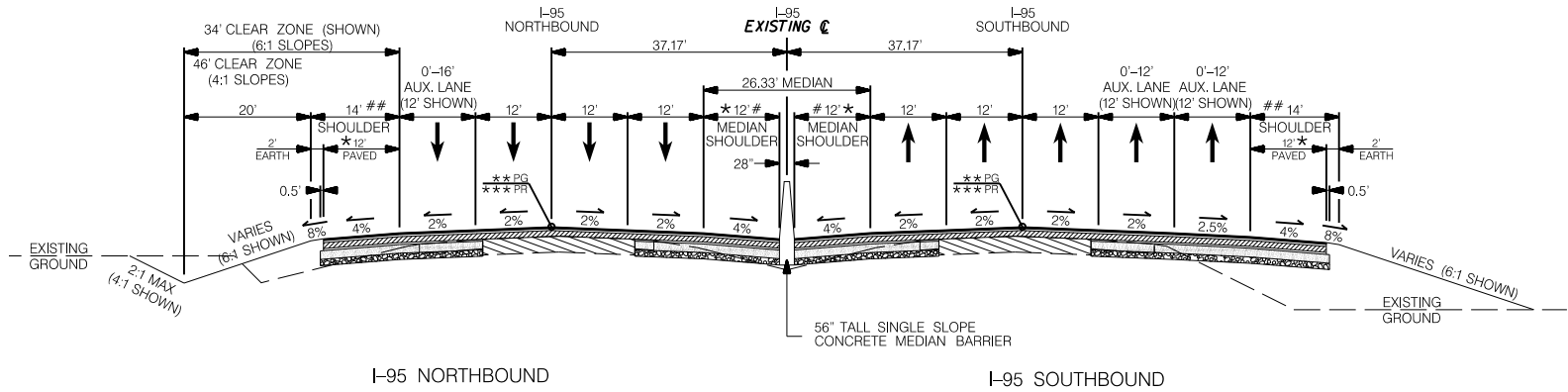
APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS XS H

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSI



I-95
Cross Section I
Station 825+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

APPLICATION BY:



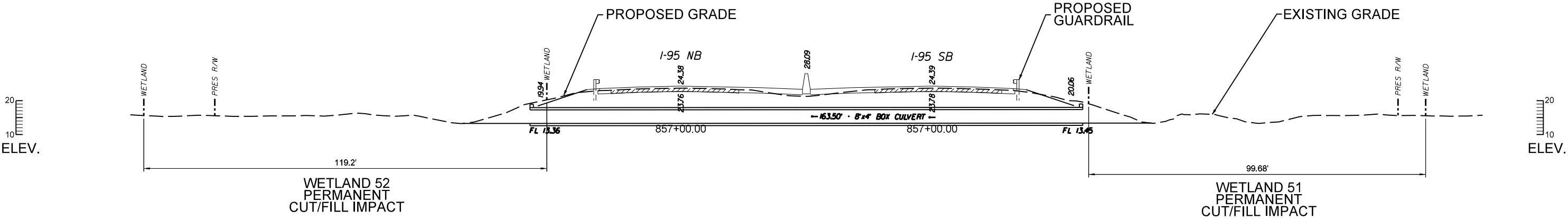
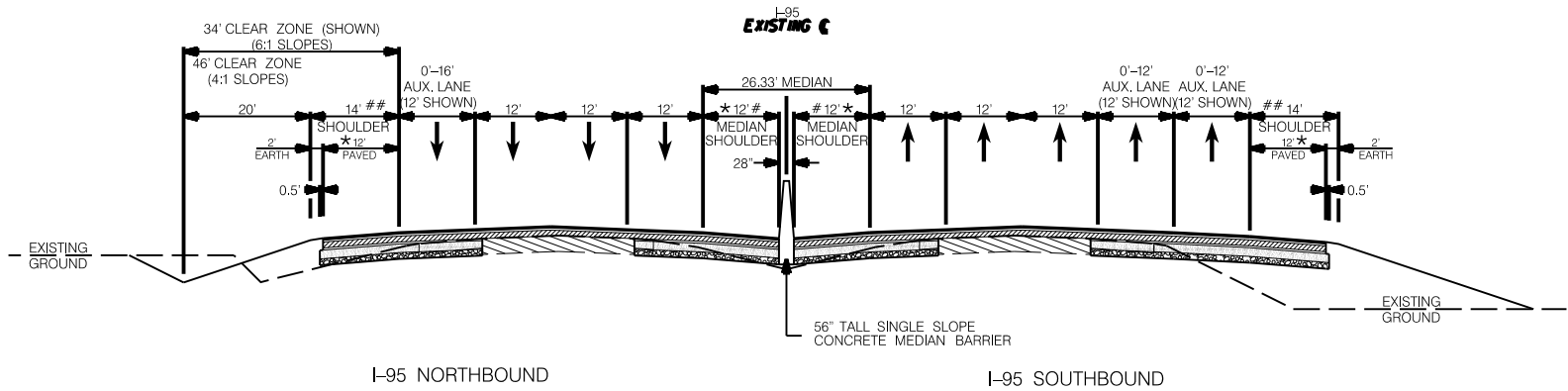
I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

XS I

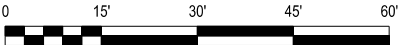
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSJ

I-95 TYPICAL



I-95
Cross Section J
Station 857+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

APPLICATION BY:

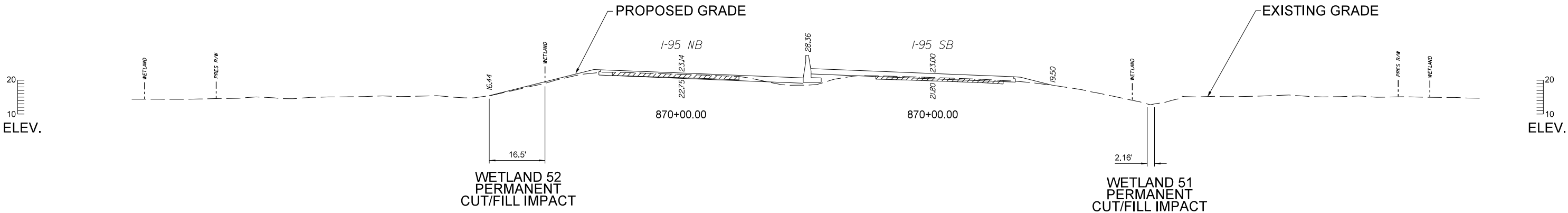
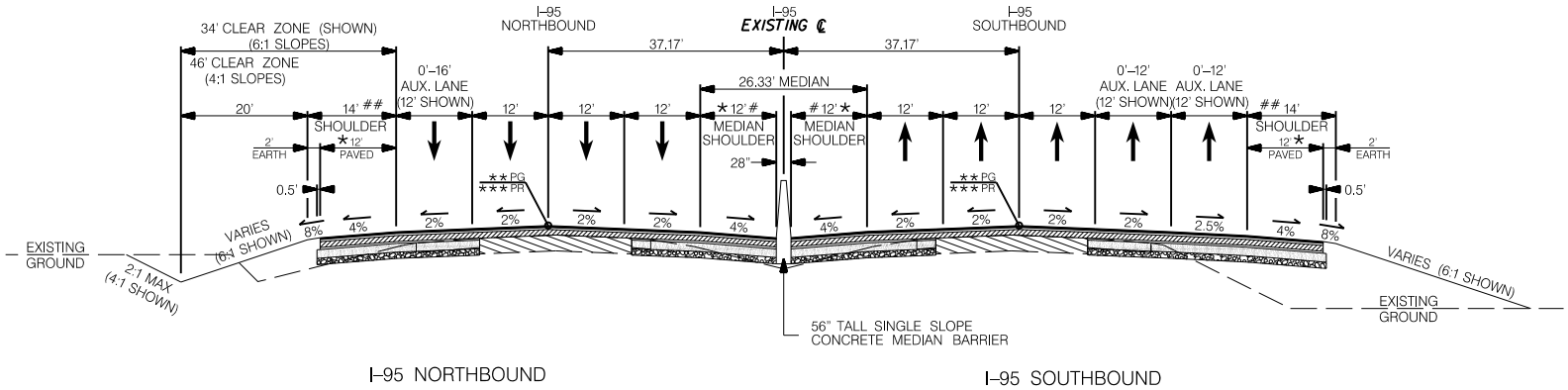


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

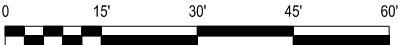
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSK



I-95
Cross Section K
Station 870+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:

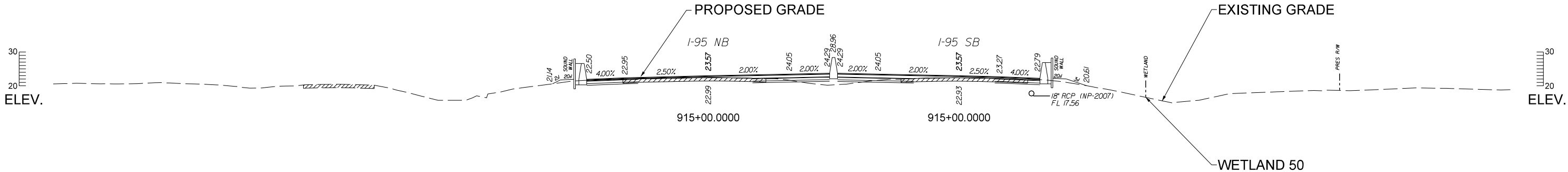
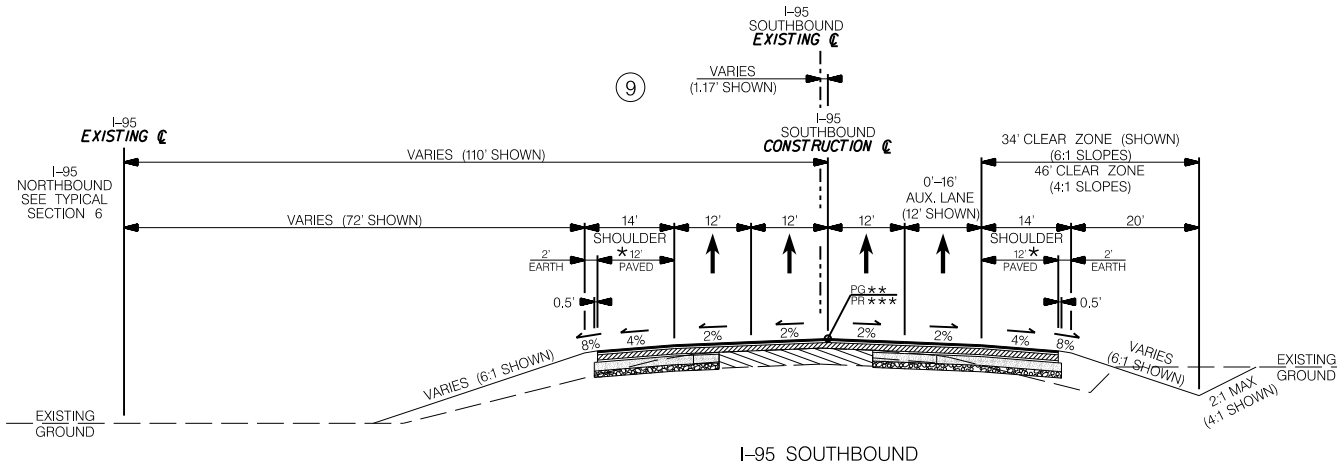


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

XS K

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSL



I-95
Cross Section L
Station 915+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

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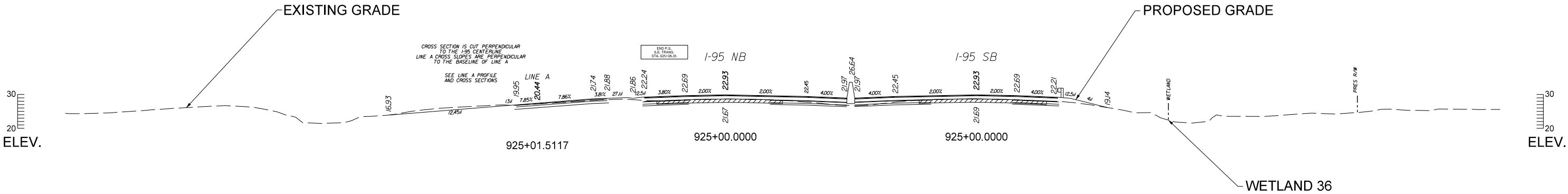
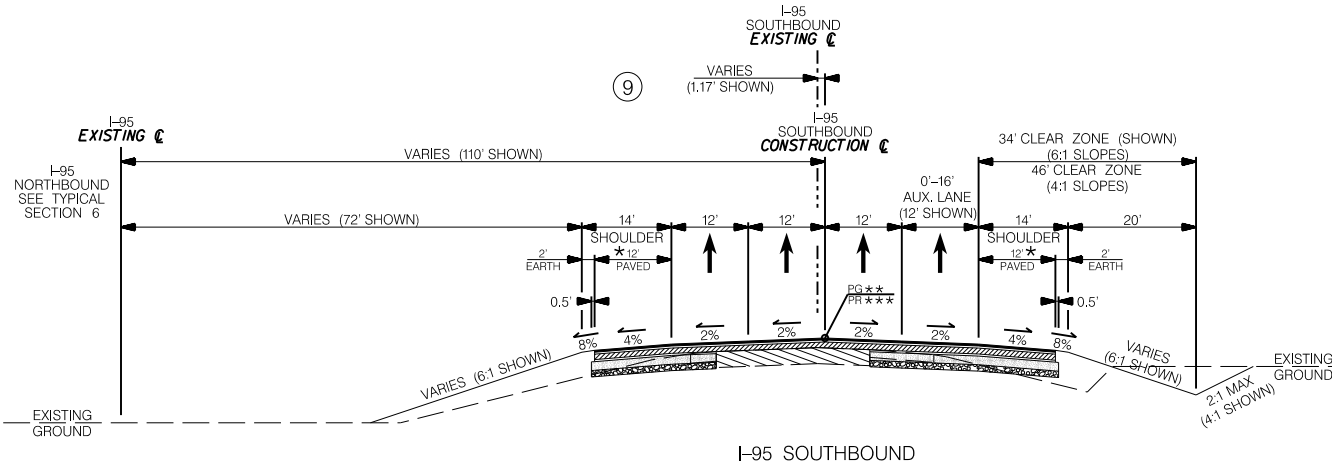
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

XS L

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSM



I-95
Cross Section M
Station 925+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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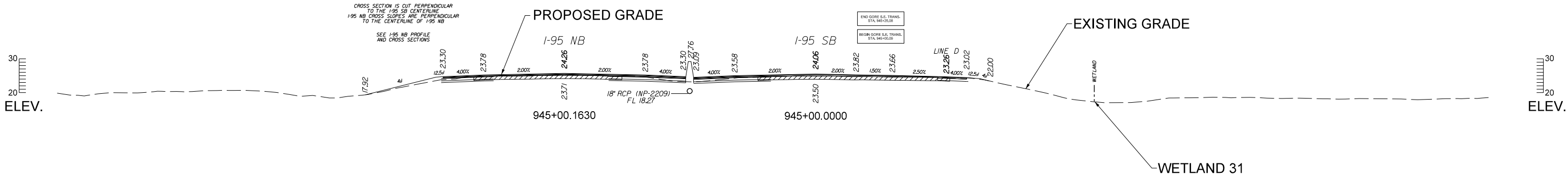
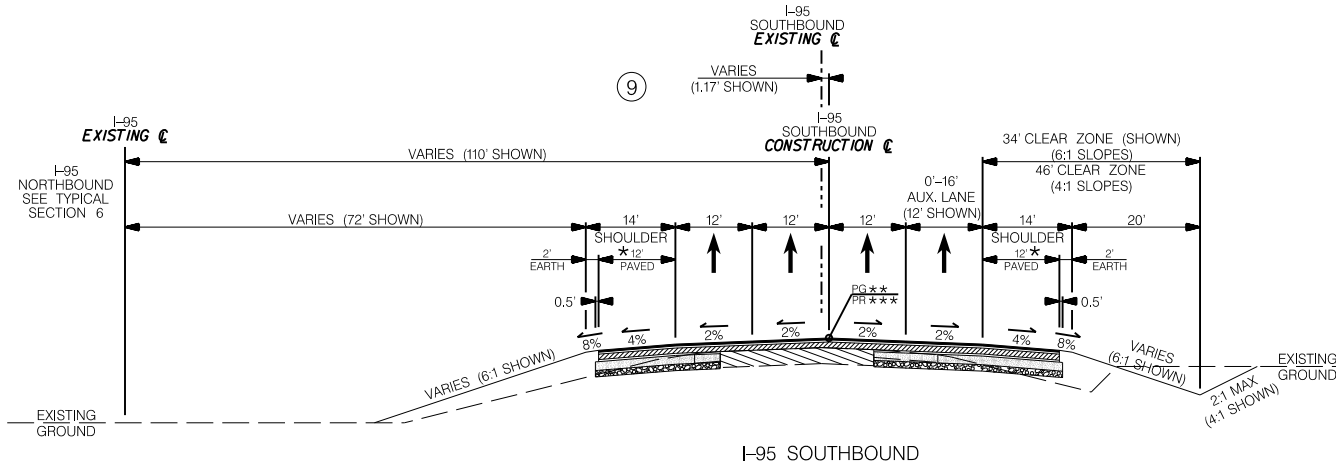


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSN



I-95
Cross Section N
Station 945+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

APPLICATION BY:



SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

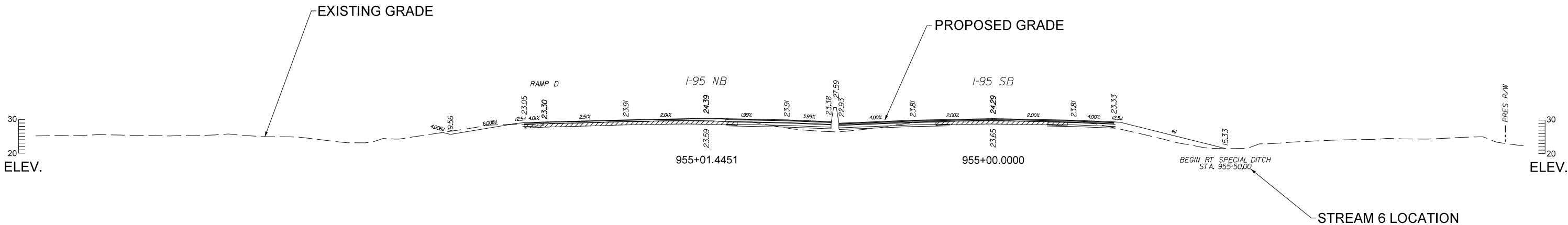
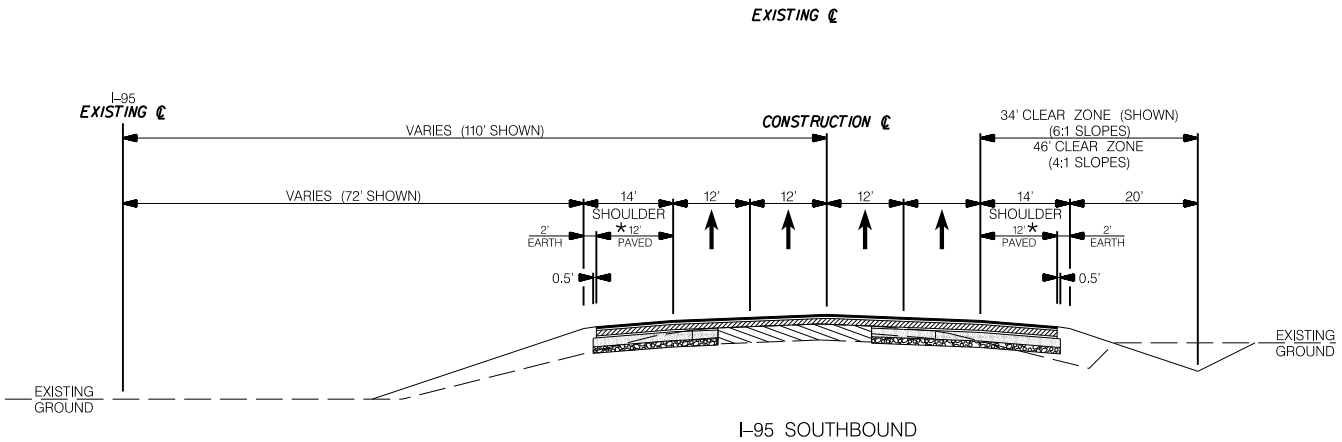
I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

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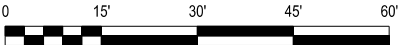
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3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSO

I-95 TYPICAL



I-95
Cross Section O
Station 955+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:

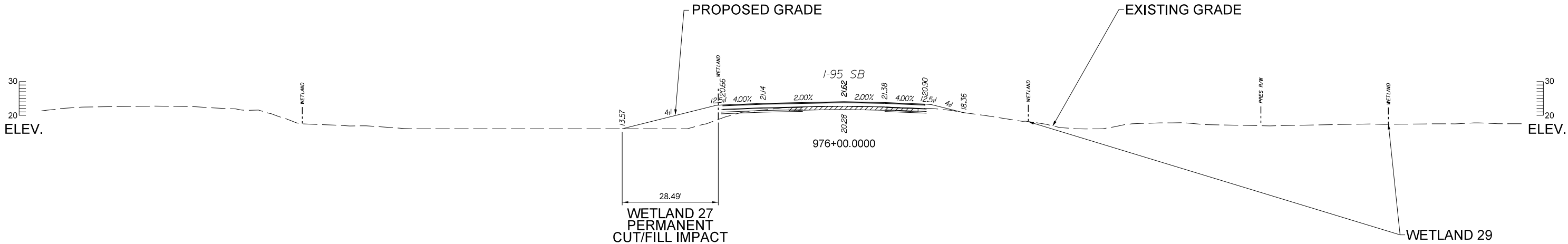
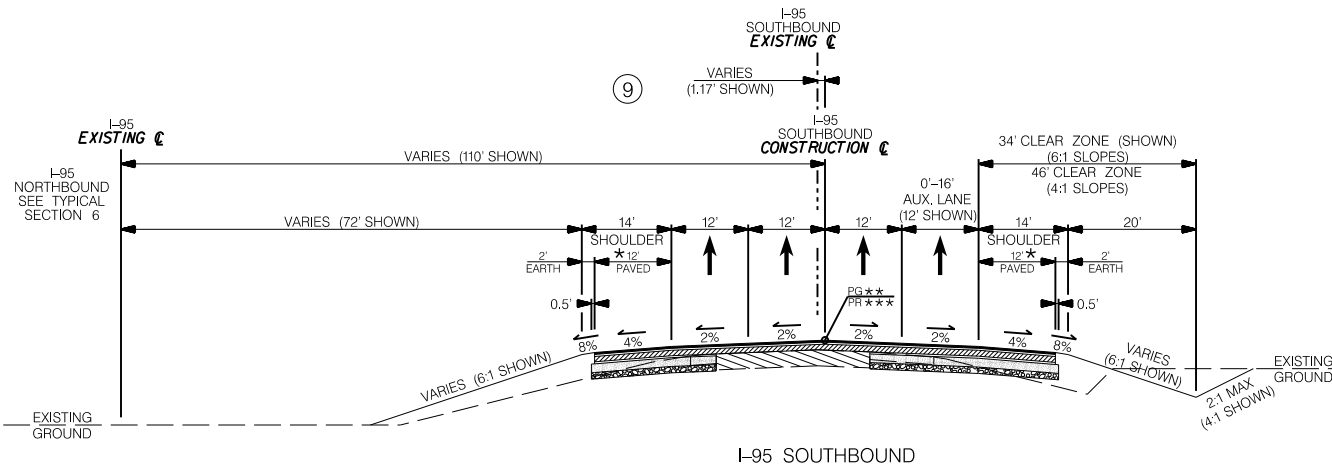


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

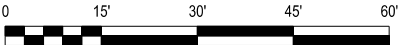
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSP



I-95
Cross Section P
Station 976+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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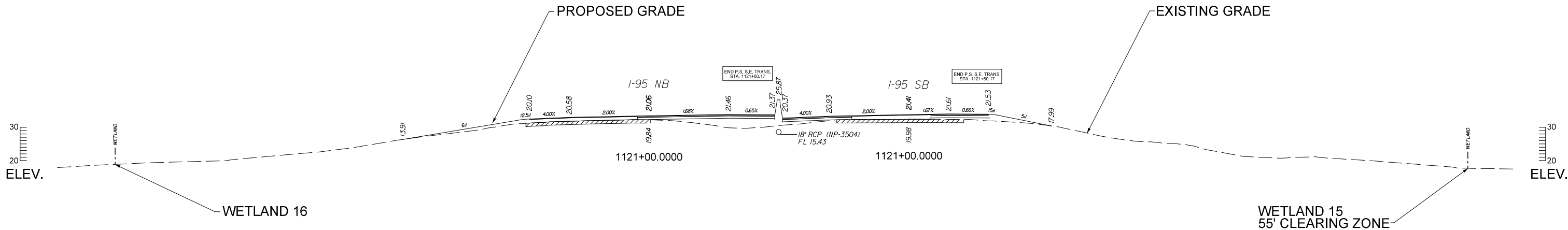
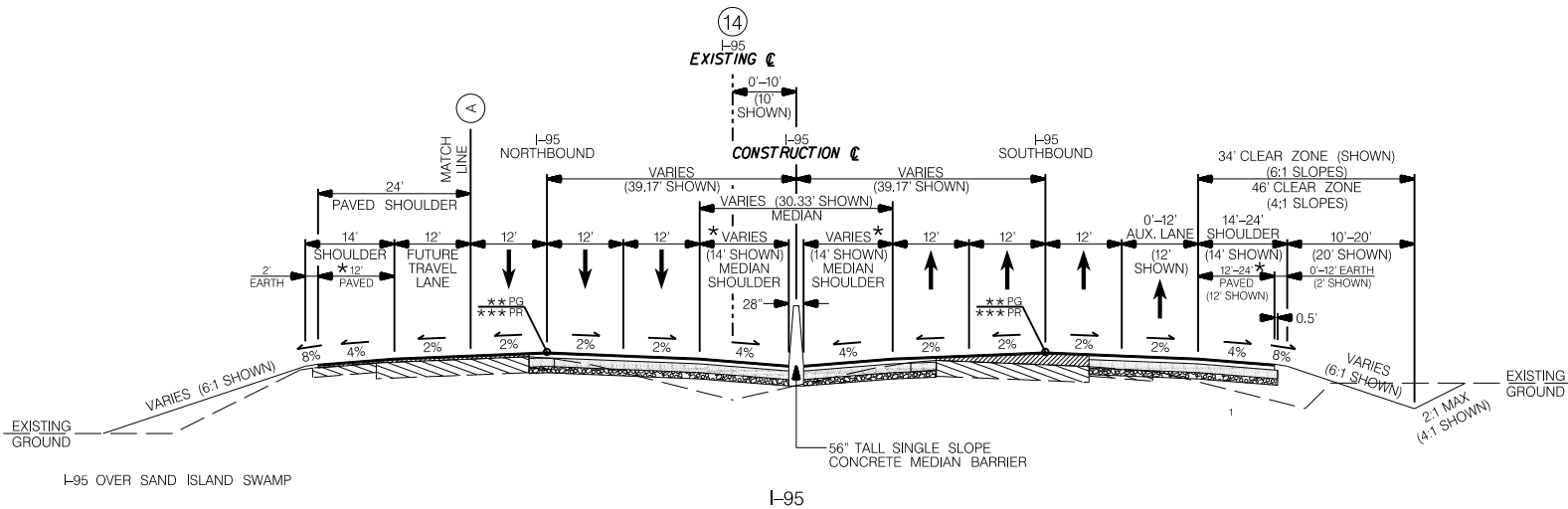


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

XS P

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSS



I-95
Cross Section S
Station 1121+00.00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:

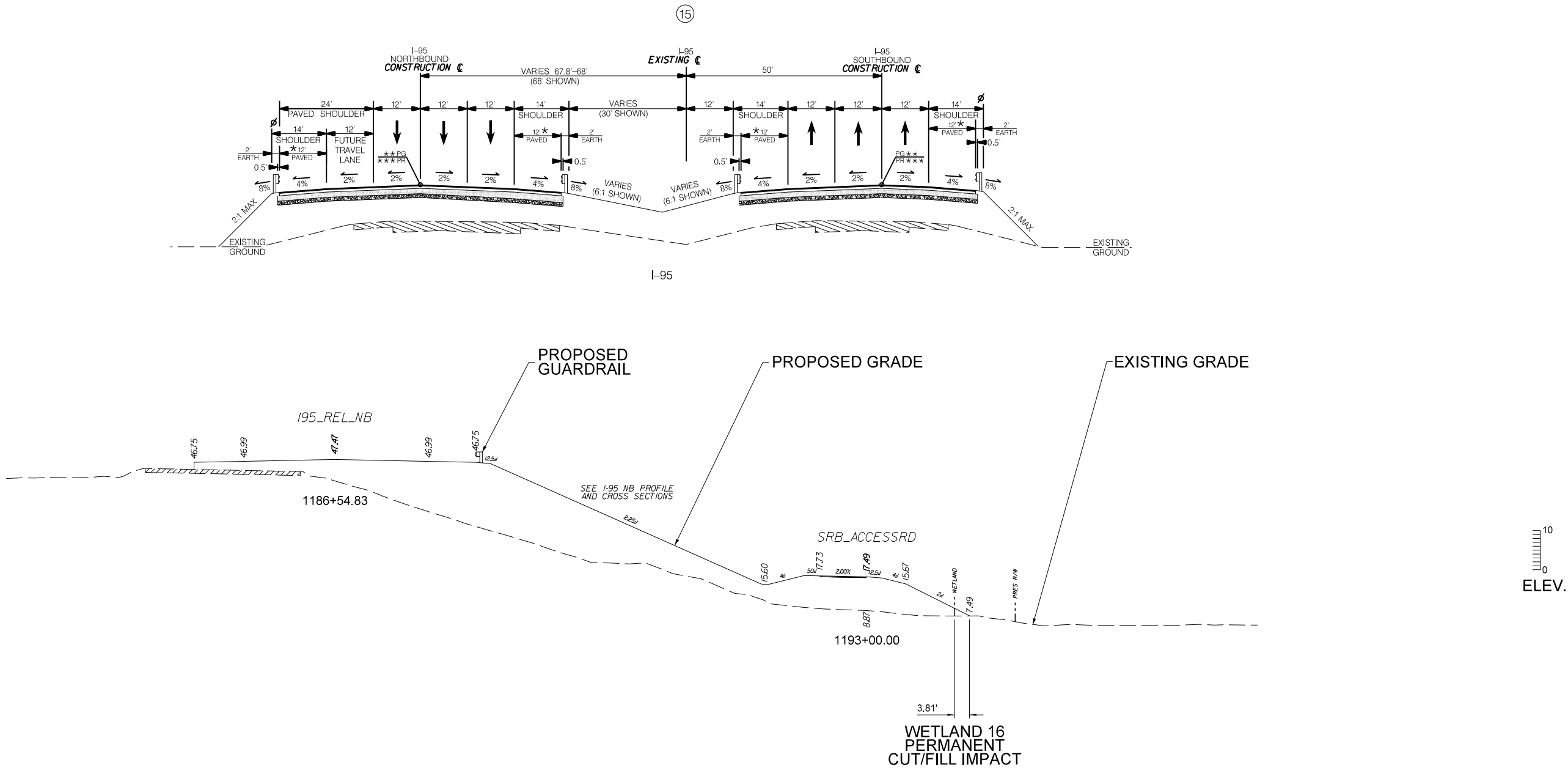


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

XS S

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XST



I-95
Cross Section T
Station 1186+54.83

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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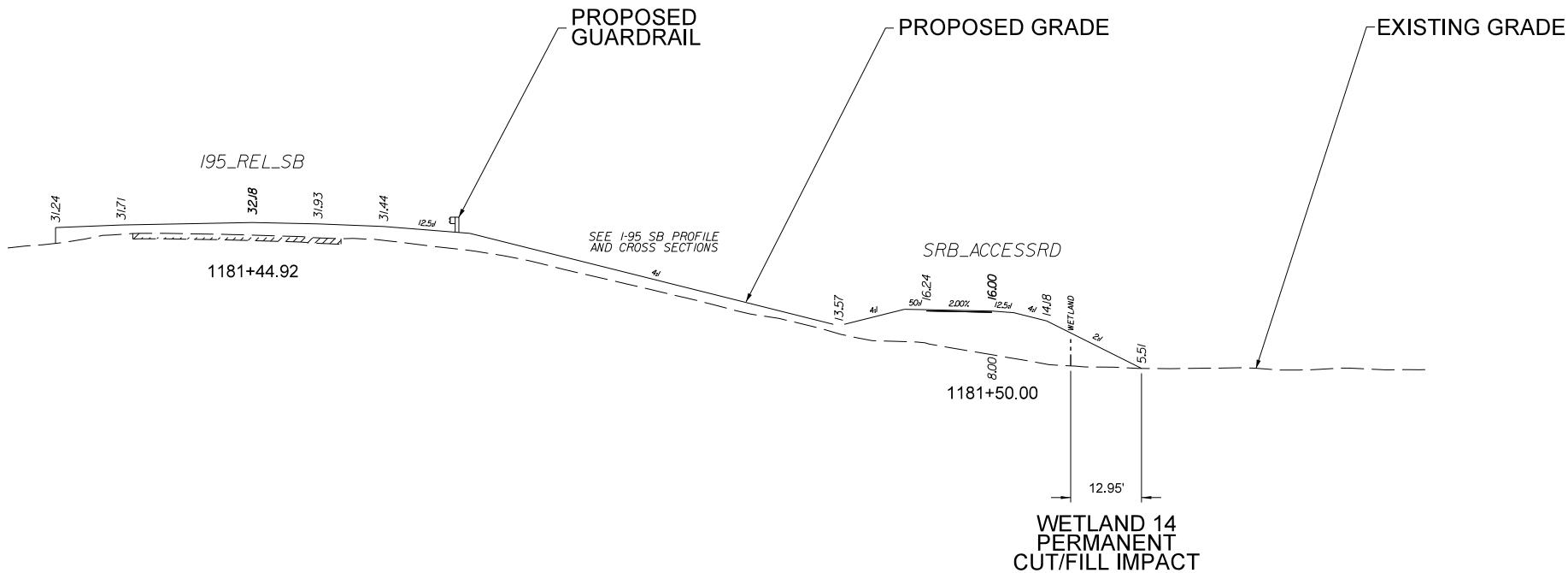
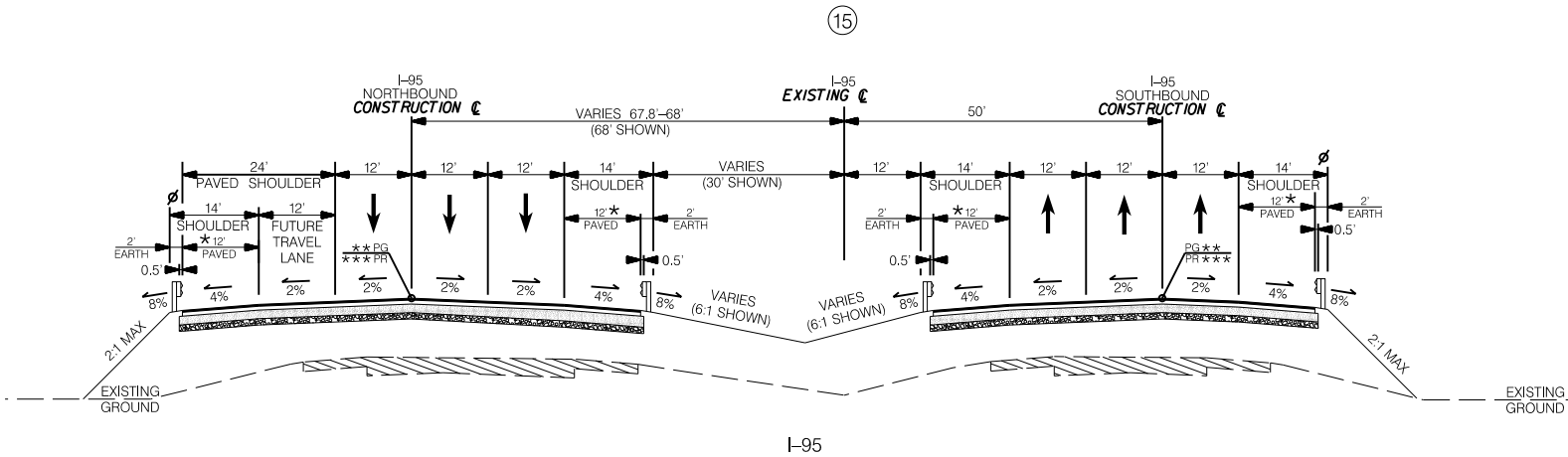


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSU



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I-95
Cross Section U
Station 1181+44.92

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:



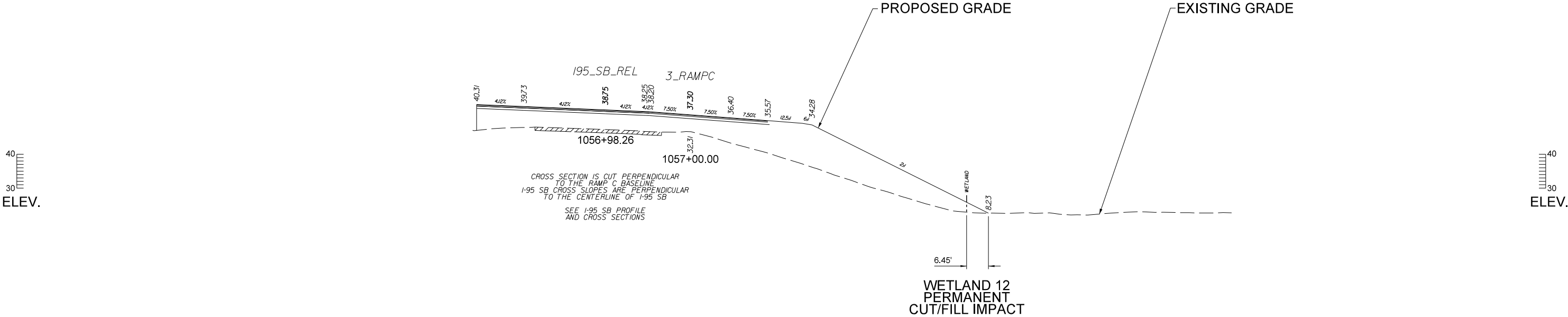
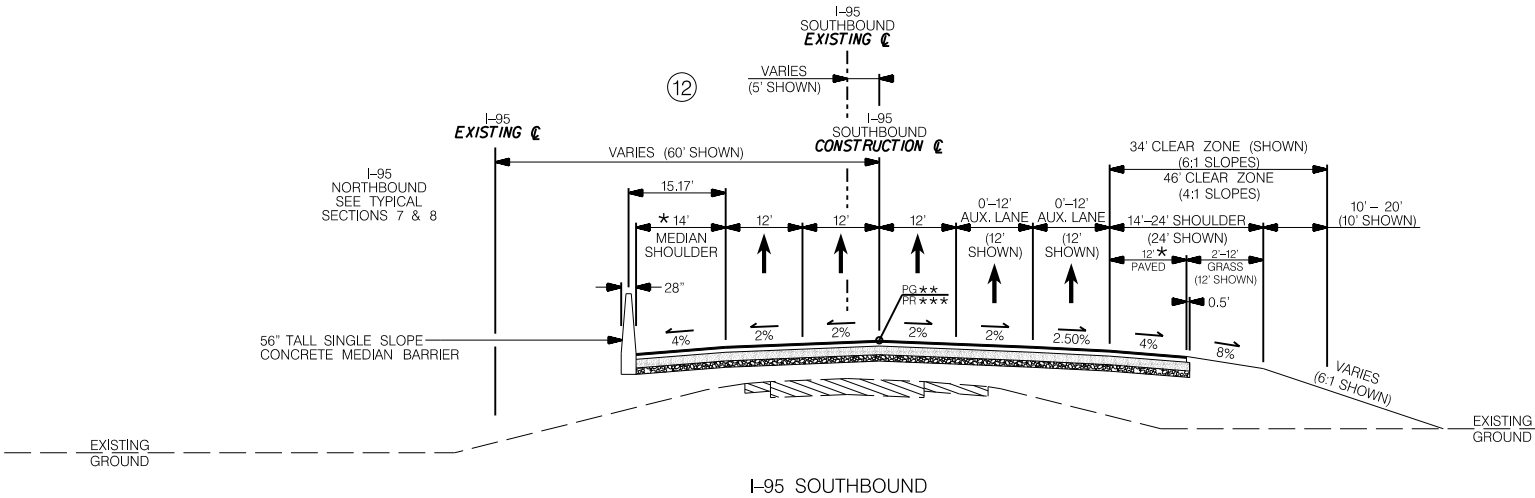
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

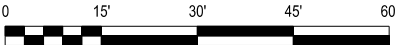
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSV



I-95
Cross Section V
Station 1157+00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

APPLICATION BY:



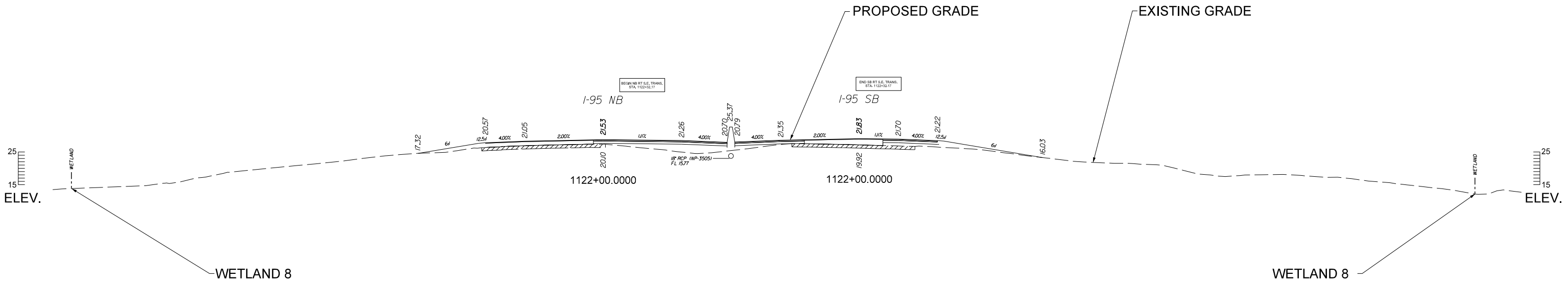
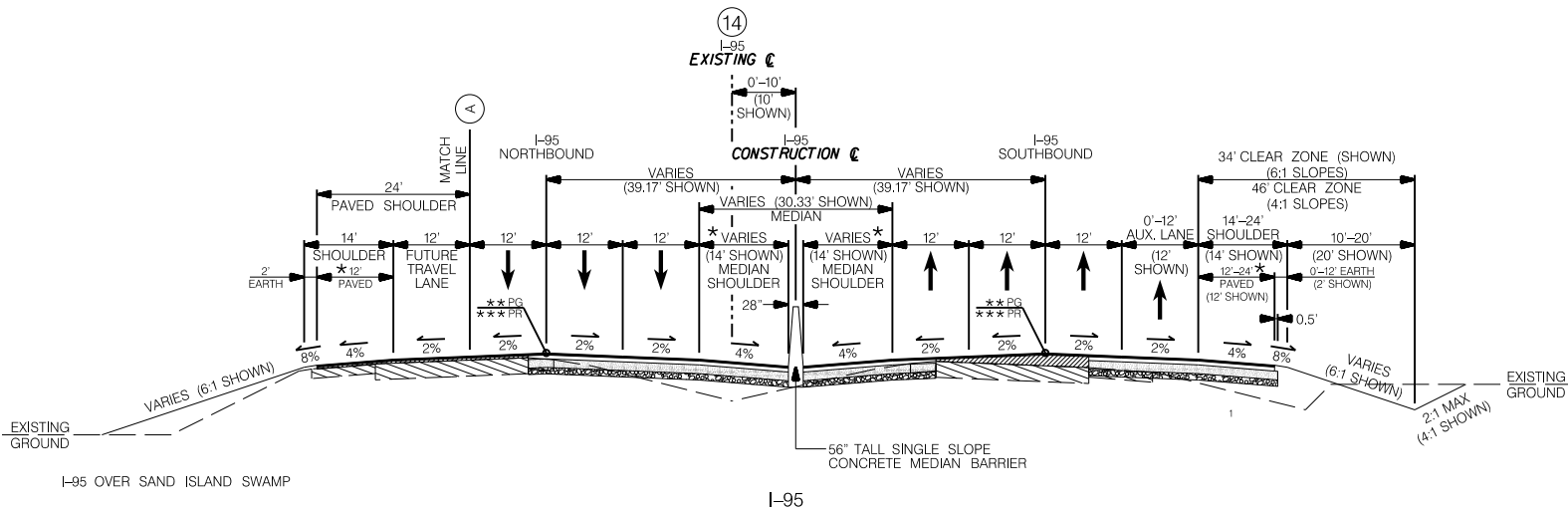
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS


XS V

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSX



I-95
Cross Section X
Station 1122+00

PREPARED BY:

**KCI TECHNOLOGIES**
ENGINEERS | PLANNERS | SCIENTISTS | CONSTRUCTION MANAGERS

0 15' 30' 45' 60'

US ARMY CORPS OF ENGINEERS:
CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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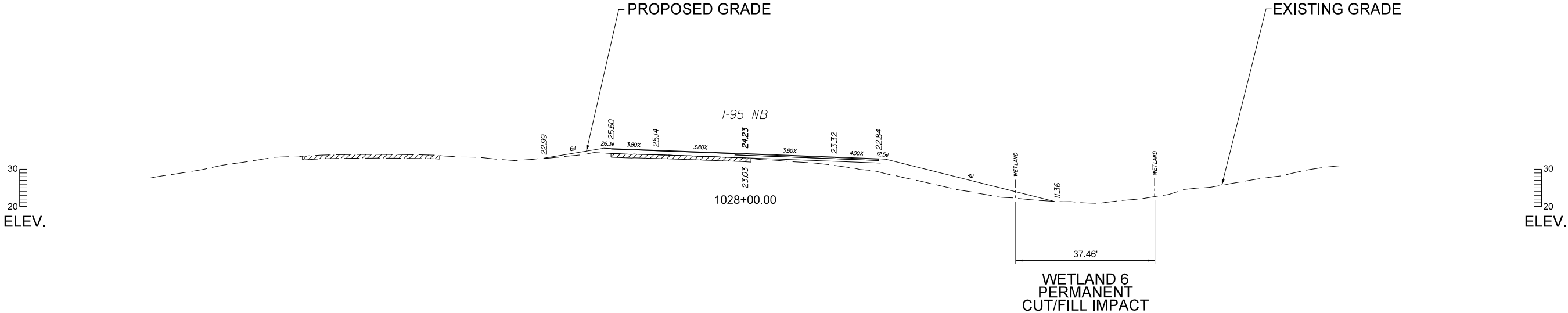
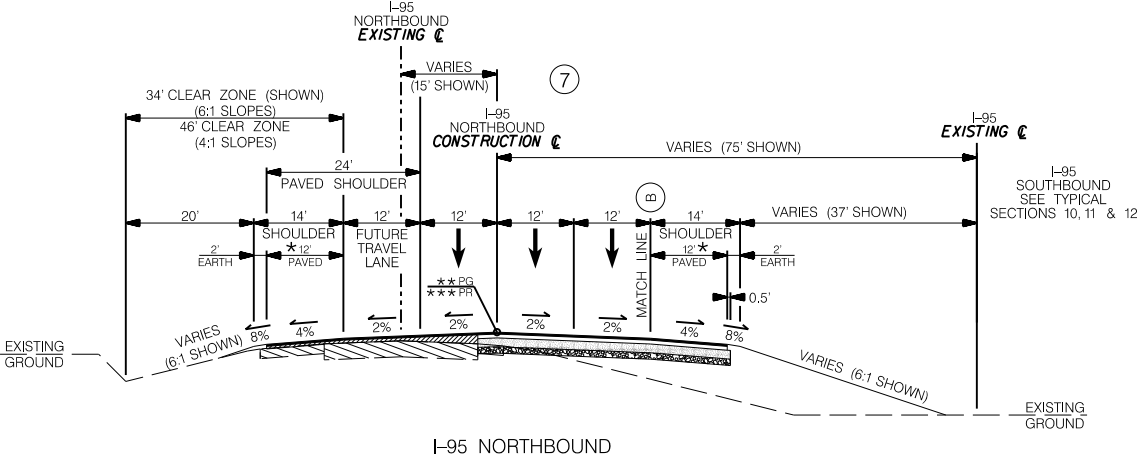
APPLICATION BY:

**SCDOT**
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
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SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

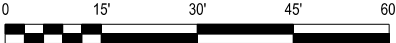
WATERS OF THE US IMPACTS XS X

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSZ



I-95
Cross Section Z
Station 1028+00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:



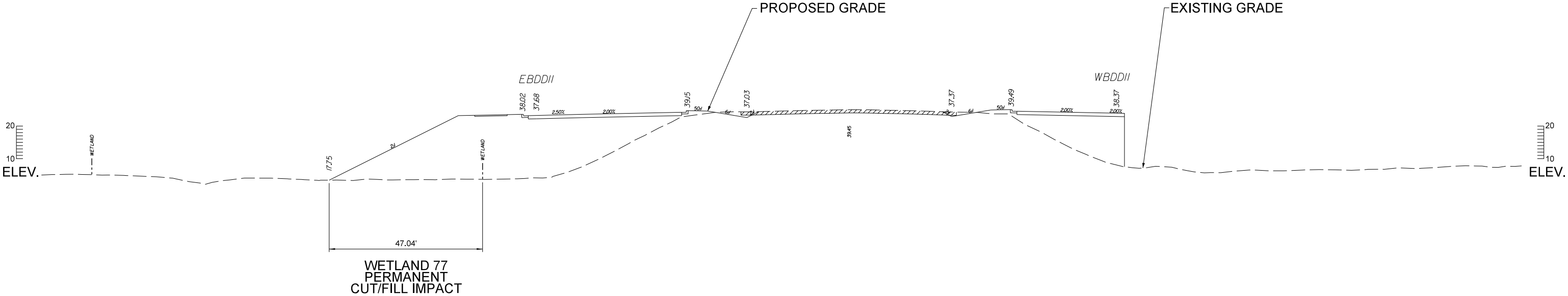
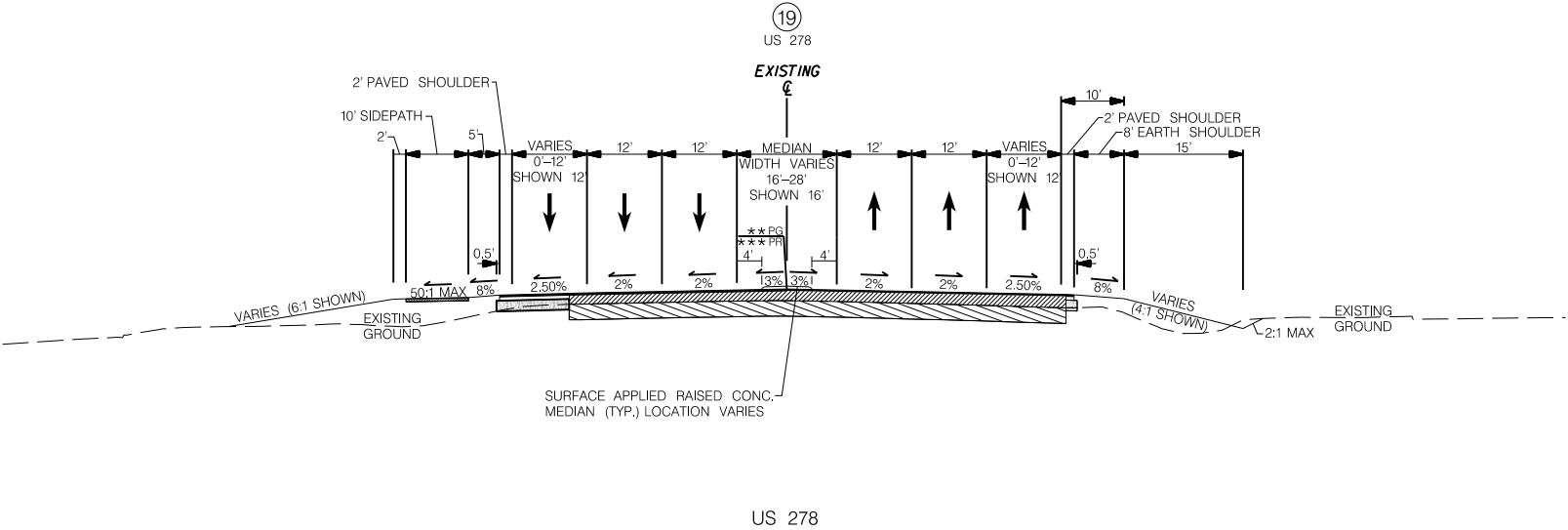
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
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SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

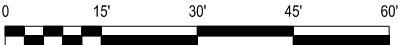
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSCC



I-95
Cross Section CC
Station 12+00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:



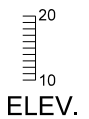
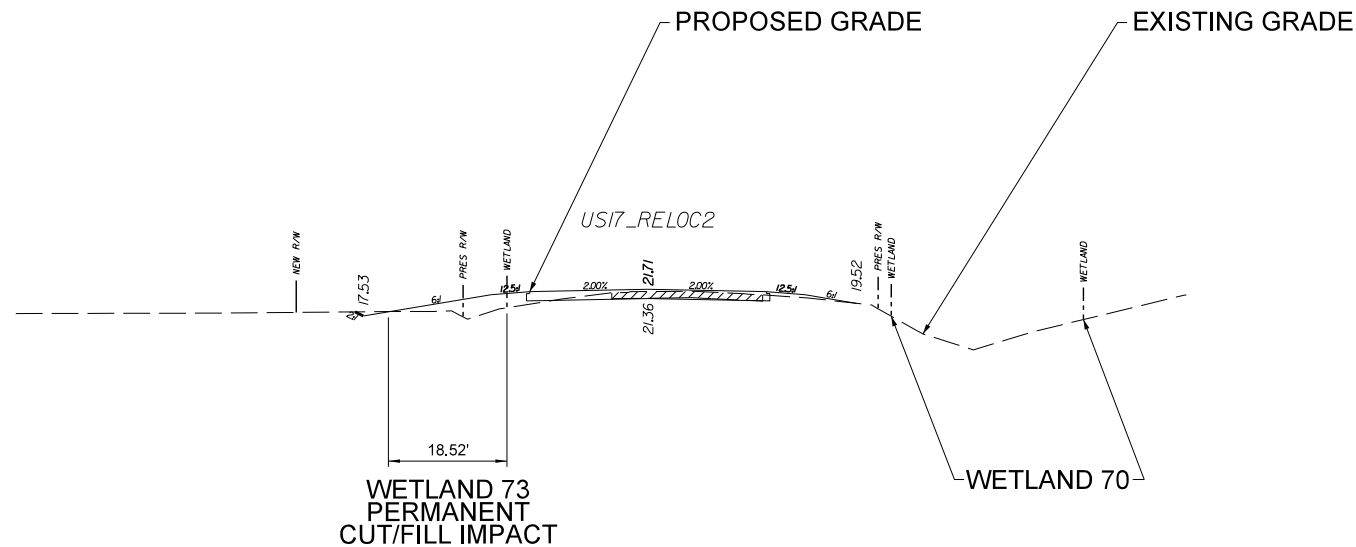
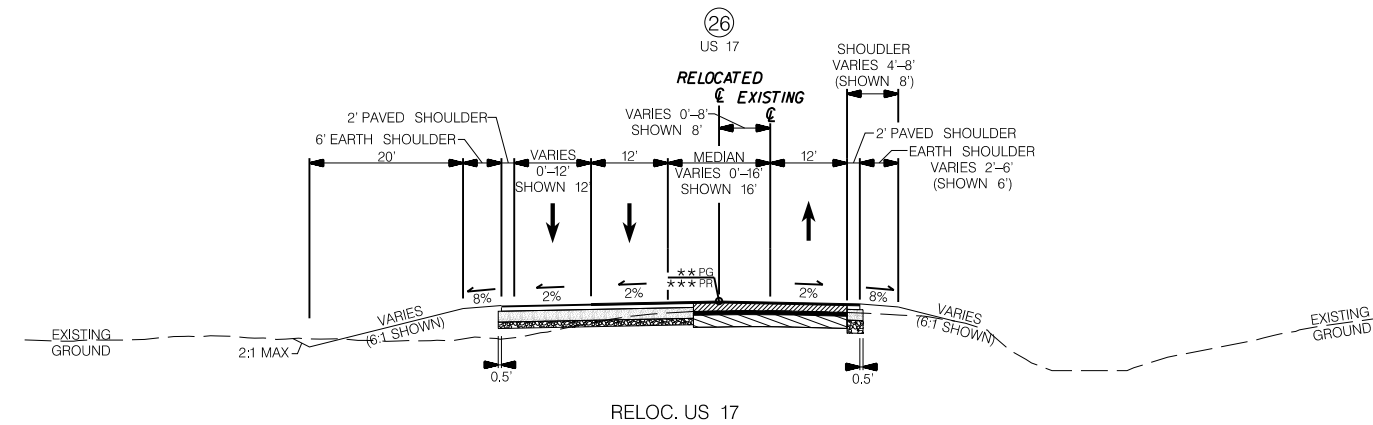
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

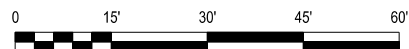
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSEE



I-95
Cross Section EE
Station 668+00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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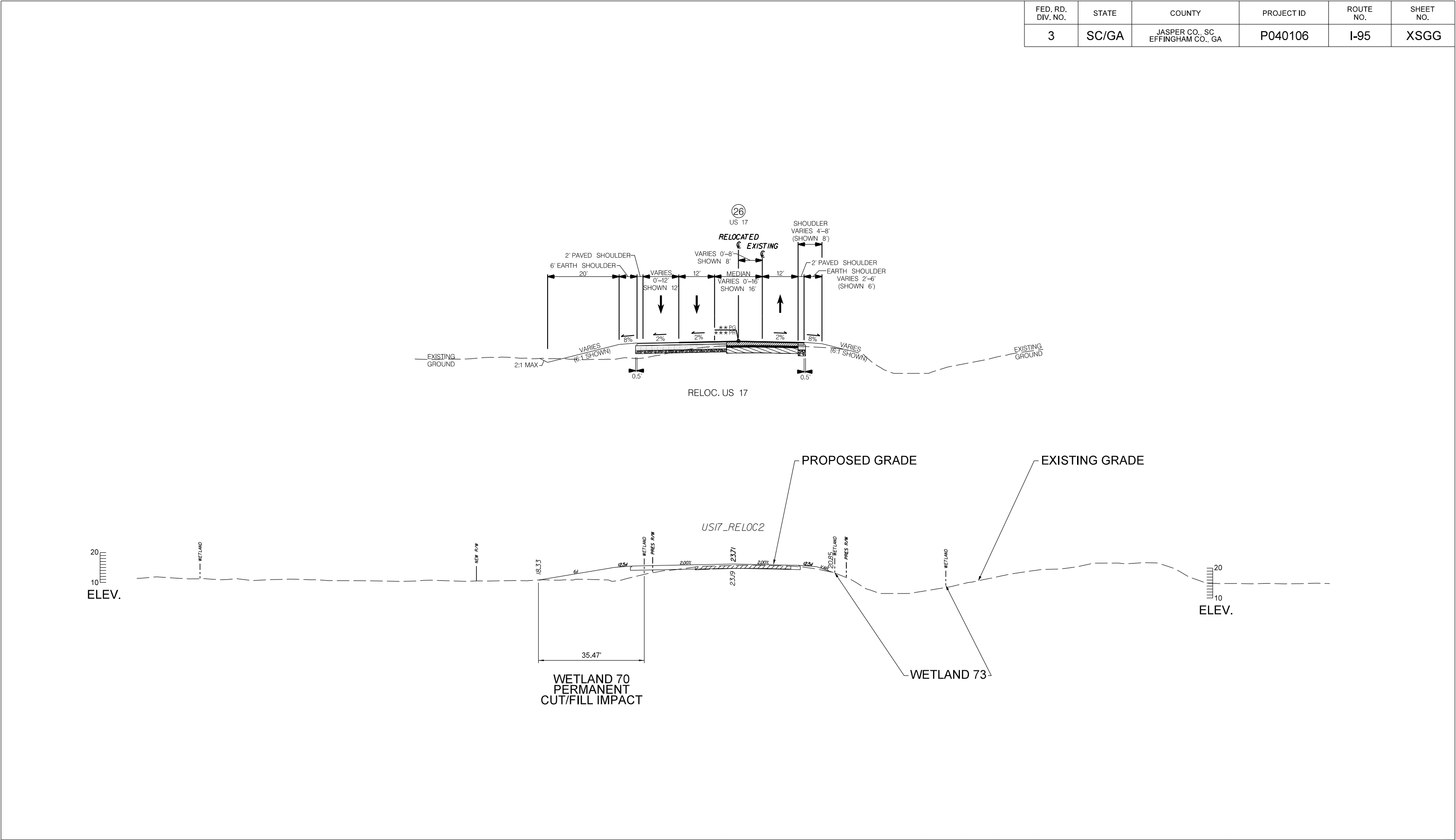
APPLICATION BY:






I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS XS EE

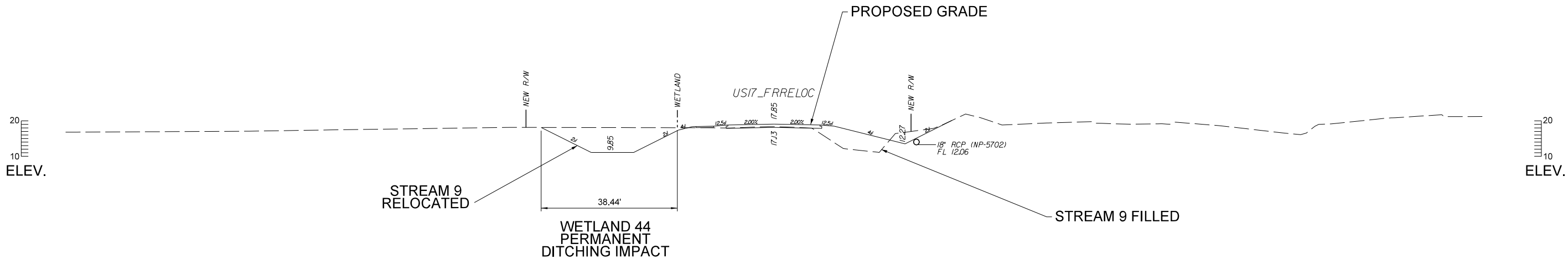
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3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSGG



<div>I-95 Cross SectionGG Station 676+00</div>	<div>PREPARED BY: <div><div></div><div>KCI TECHNOLOGIES</div><div>ENGINEERS PLANNERS SCIENTISTS CONSTRUCTION MANAGERS</div></div><div><div>015'30'45'60'</div><div></div></div></div>	<div>US ARMY CORPS OF ENGINEERS: CHARLESTON DISTRICT SAC-2023-00107 SAVANNAH DISTRICT SAS-2023-00079</div>	5				<div>APPLICATION BY:  SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.</div> <div>I-95 CORRIDOR IMPROVEMENT MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE) SCDOT PROJECT ID P040106 JASPER CO., SC & EFFINGHAM CO., GA</div> <div>WATERS OF THE US IMPACTSXS GG</div>
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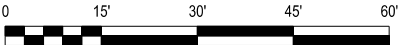
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSII

TYPICAL IN PROGRESS



I-95
Cross Section II
Station 945+00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

APPLICATION BY:



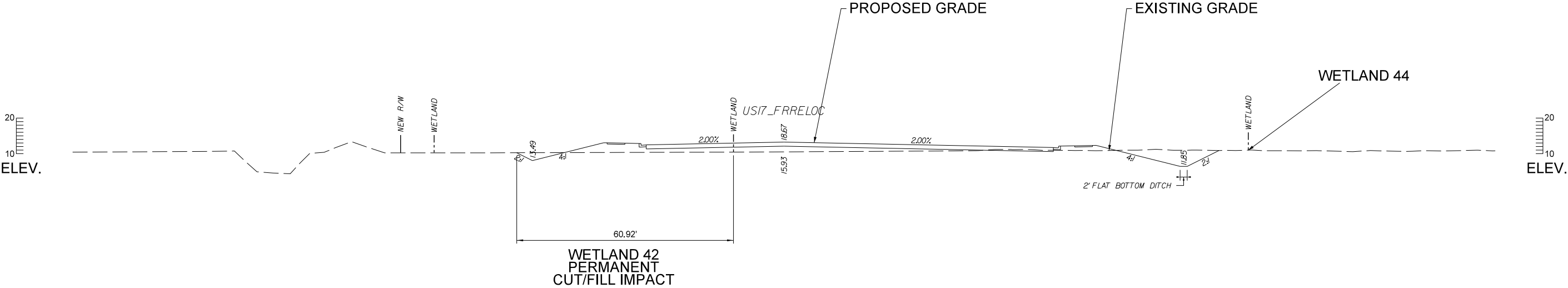
I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

XS II

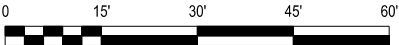
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	XSJJ

TYPICAL IN PROGRESS



I-95
Cross Section JJ
Station 952+00

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

APPLICATION BY:

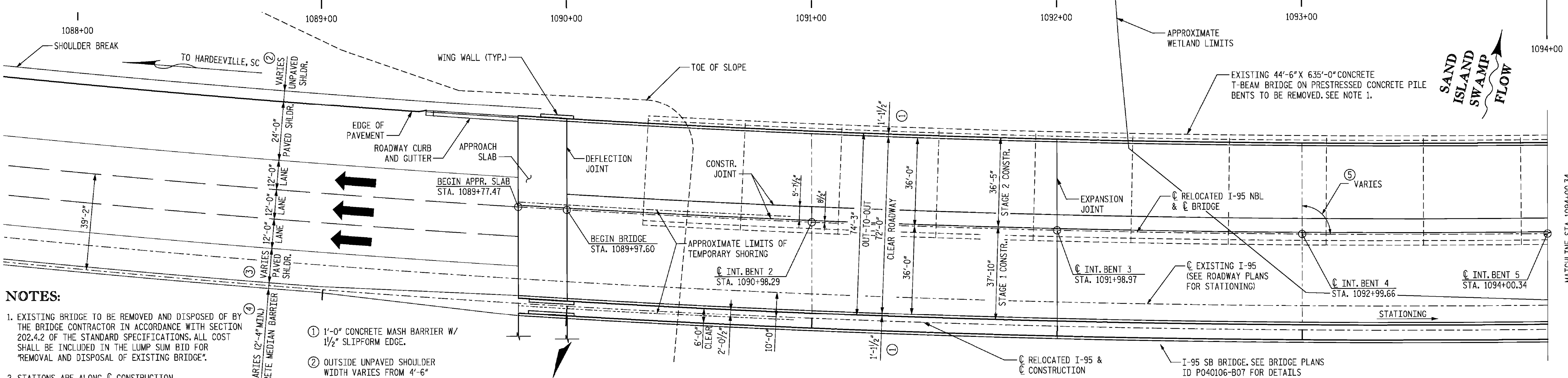


I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS

XS JJ

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	B01



NOTES:

1. EXISTING BRIDGE TO BE REMOVED AND DISPOSED OF BY THE BRIDGE CONTRACTOR IN ACCORDANCE WITH SECTION 202.4.2 OF THE STANDARD SPECIFICATIONS. ALL COST SHALL BE INCLUDED IN THE LUMP SUM BID FOR "REMOVAL AND DISPOSAL OF EXISTING BRIDGE".
2. STATIONS ARE ALONG C CONSTRUCTION
3. GUARDRAIL AND BRIDGE END DRAINAGE NOT SHOWN IN THESE PLANS. SEE ROADWAY PLANS FOR DETAILS OF GUARDRAIL AND BRIDGE END DRAINAGE.
4. EXCAVATION FOR END SLOPES AND RIP RAP ARE ROADWAY ITEMS. SEE ROADWAY PLANS FOR DETAILS.
5. SEE ROADWAY PLANS FOR EXISTING AND PROPOSED UTILITY LOCATIONS WITHIN PROXIMITY OF BRIDGE.
6. DECK DRAIN SPACING WILL BE DETERMINED IN FINAL DESIGN.
7. SEE SHEETS 16 AND 17 FOR BORING LOCATIONS.
8. NO ABOVE GROUND WATER WAS EVIDENT DURING SURVEYS IN NOVEMBER 2021 OR JUNE 2022.
9. TEMPORARY SHORING FOR STAGE 1 ROADWAY CONSTRUCTION BEYOND BRIDGE NOT SHOWN. SEE ROADWAY PLANS FOR DETAILS.
10. HORIZONTAL CURVE DATA NOT SHOWN IN PLAN VIEW FOR CLARITY. SEE LONG CHORD LAYOUT SHEET FOR MORE INFORMATION.

1. 1'-0" CONCRETE MASH BARRIER W/ 1/2" SLIPFORM EDGE.
2. OUTSIDE UNPAVED SHOULDER WIDTH VARIES FROM 4'-6" TO 3'-9" AT BRIDGE.
3. INSIDE PAVED SHOULDER WIDTH VARIES FROM 14'-0" TO 12'-0" AT BRIDGE.
4. GEOMETRY OF ROADWAY CONCRETE MEDIAN BARRIER VARIES TO MATCH MASH BARRIER PARAPET AT ENDS OF APPROACH SLABS. SEE ROADWAY PLANS FOR MORE INFORMATION.
5. 90°-00'-00" TO LONG CHORD FROM C END BENT 1 TO C END BENT 5. TYPICAL ALL BENTS. END APPROACH SLABS ARE PARALLEL TO BEGIN AND END BRIDGE.

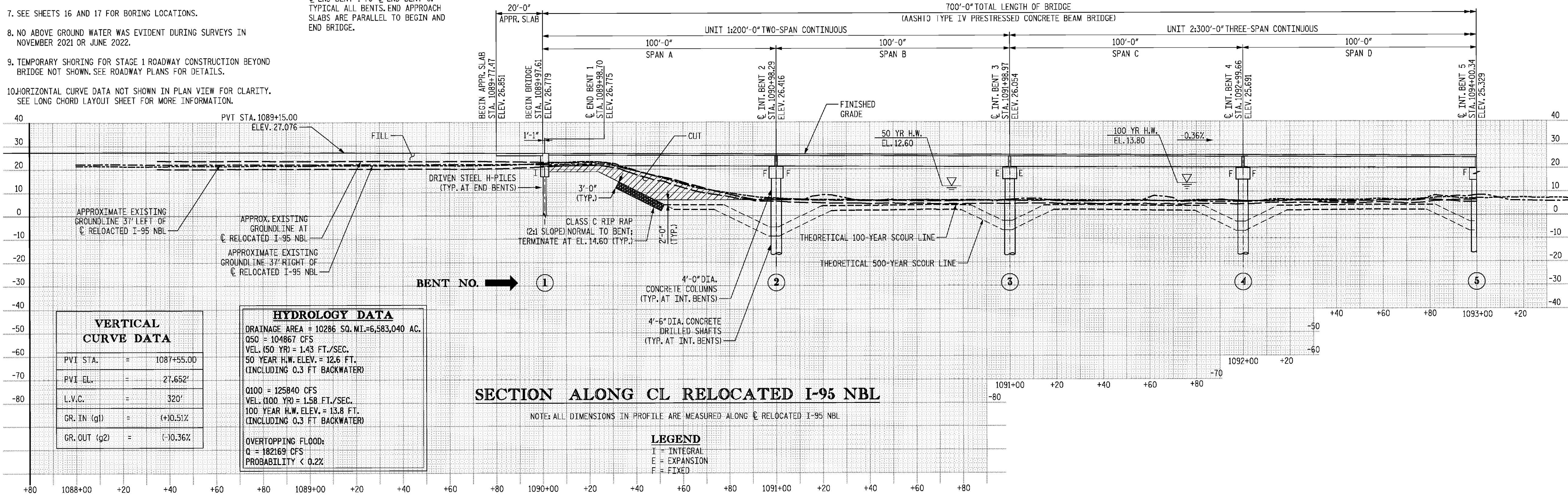
PLAN

NOTE: ALL DIMENSIONS SHOWN IN PLAN ARE RADIAL

BENCHMARKS:

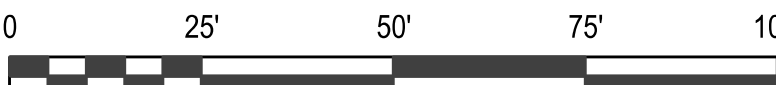
VERTICAL DATUM: NAVD 88
HORIZONTAL DATUM: NAD 83 (2011) SCSPCS
POINT ID 47
I-95, FAP (EXISTING)
STA. 1114+33.28
OFFSET 106.09' RT
N 152652.1350
E 1961204.6510
ELEV. 15.36
BENCHTIE IN TREE
POINT ID 48
I-95, FAP (EXISTING)
STA. 1127+83.53
OFFSET 93.33' RT
N 152993.9050
E 1962483.6680
ELEV. 20.34
BENCHTIE IN TREE

BRIDGE SUPERELEVATION
(LOOKING IN DIRECTION OF STATIONING)



BRIDGE PLAN AND PROFILE
I-95 OVER SAND ISLAND SWAMP NB

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107
SAVANNAH DISTRICT
SAS-2023-00079

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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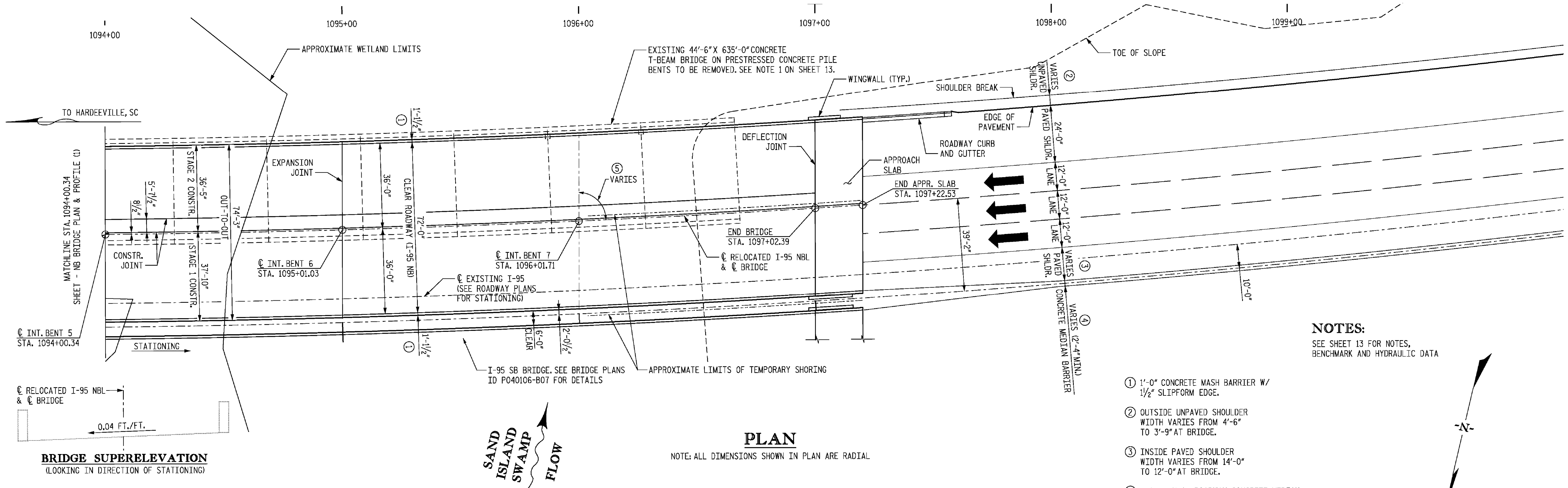
APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

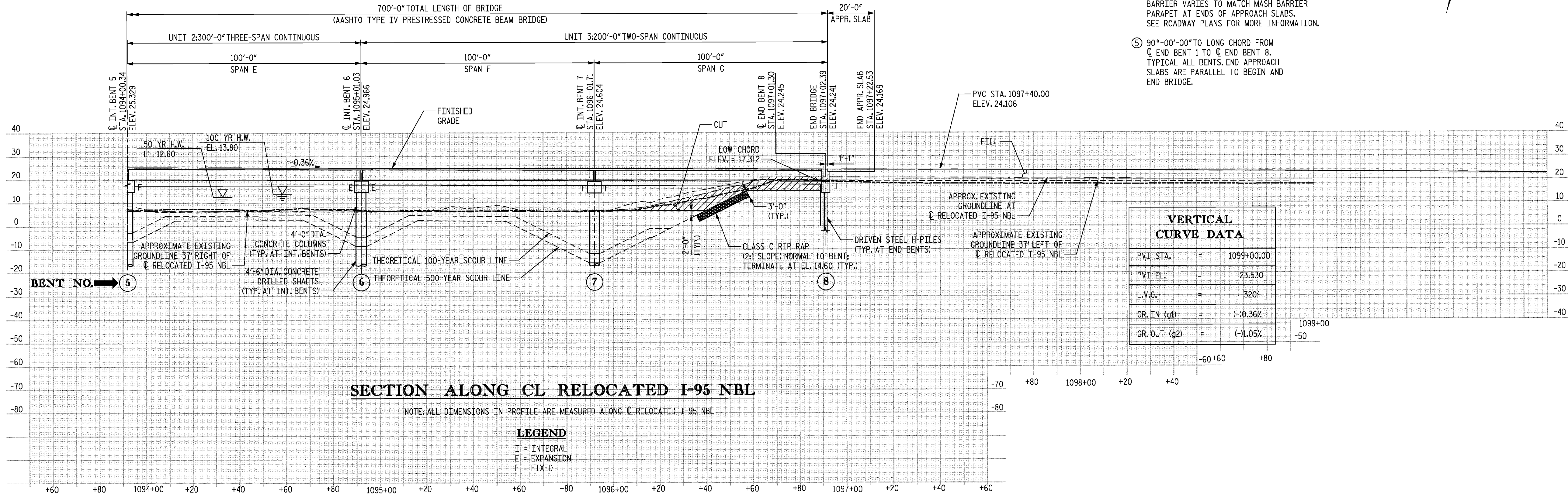
WATERS OF THE US IMPACTS B01 OF 12

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	B02



NOTES:
SEE SHEET 13 FOR NOTES,
BENCHMARK AND HYDRAULIC DATA

- 1'-0" CONCRETE MASH BARRIER W/
1/2" SLIPFORM EDGE.
- OUTSIDE UNPAVED SHOULDER
WIDTH VARIES FROM 4'-6"
TO 3'-9" AT BRIDGE.
- INSIDE PAVED SHOULDER
WIDTH VARIES FROM 14'-0"
TO 12'-0" AT BRIDGE.
- GEOMETRY OF ROADWAY CONCRETE MEDIAN
BARRIER VARIES TO MATCH MASH BARRIER
PARAPET AT ENDS OF APPROACH SLABS.
SEE ROADWAY PLANS FOR MORE INFORMATION.
- 90°-00'-00" TO LONG CHORD FROM
© END BENT 1 TO © END BENT 8.
TYPICAL ALL BENTS, END APPROACH
SLABS ARE PARALLEL TO BEGIN AND
END BRIDGE.



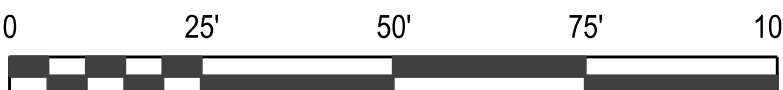
VERTICAL CURVE DATA	
PVI STA.	= 1099+00.00
PVI EL.	= 23.530
L.V.C.	= 320'
GR. IN (g1)	= -10.36%
GR. OUT (g2)	= -1.05%

LEGEND

I = INTEGRAL
E = EXPANSION
F = FIXED

BRIDGE PLAN AND PROFILE I-95 OVER SAND ISLAND SWAMP NB

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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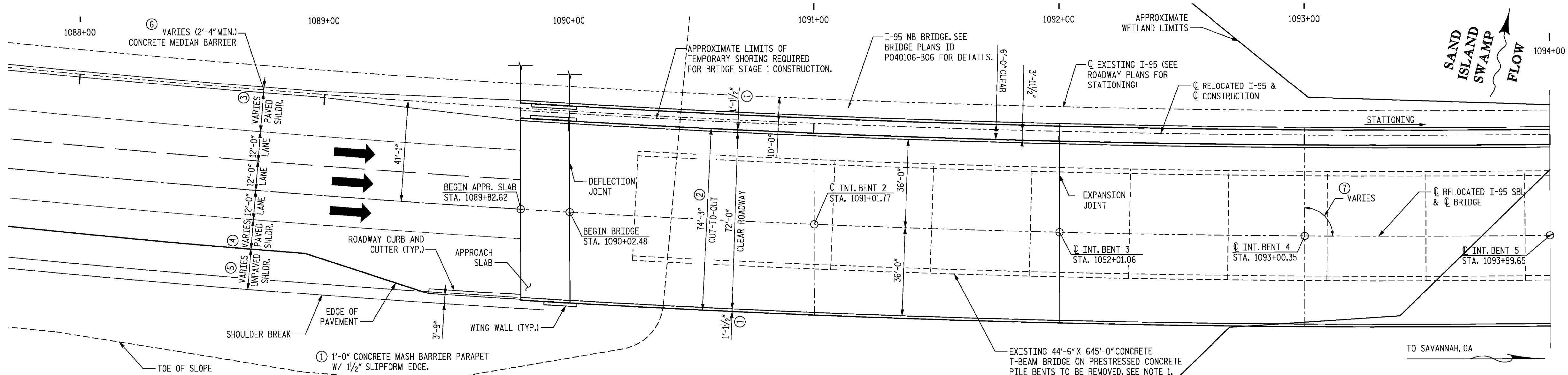
APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS B02 OF 12

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	B03



NOTES:

- EXISTING BRIDGE TO BE REMOVED AND DISPOSED OF BY THE BRIDGE CONTRACTOR IN ACCORDANCE WITH SECTION 202.4.2 OF THE STANDARD SPECIFICATIONS. ALL COST SHALL BE INCLUDED IN THE LUMP SUM BID FOR REMOVAL AND DISPOSAL OF EXISTING BRIDGE.
- STATIONS ARE ALONG C CONSTRUCTION.
- GUARDRAIL AND BRIDGE END DRAINAGE NOT SHOWN IN THESE PLANS. SEE ROADWAY PLANS FOR DETAILS OF GUARDRAIL AND BRIDGE END DRAINAGE.
- EXCAVATION FOR END SLOPES AND RIP RAP ARE ROADWAY ITEMS. SEE ROADWAY PLANS FOR DETAILS.
- SEE ROADWAY PLANS FOR EXISTING AND PROPOSED UTILITY LOCATIONS WITHIN PROXIMITY OF BRIDGE.
- DECK DRAIN SPACING WILL BE DETERMINED IN FINAL DESIGN.
- SEE SHEETS 9 AND 10 FOR BORING LOCATIONS.
- NO ABOVE GROUND WATER WAS EVIDENT DURING SURVEYS IN NOVEMBER 2021 OR JUNE 2022.
- HORIZONTAL CURVE DATA NOT SHOWN IN PLAN VIEW FOR CLARITY. SEE LONG CHORD LAYOUT SHEET FOR MORE INFORMATION.

- 1'-0" CONCRETE MASH BARRIER PARAPET W/ 1/2" SLIPFORM EDGE.
- THE SB BRIDGE IS CONSTRUCTED IN ITS ENTIRETY DURING MOT STAGE 3. SEE THE TRAFFIC CONTROL PLANS WITHIN THE ROADWAY PLANS AND THE CONSTRUCTION STAGING SHEETS IN THE NB BRIDGE PLANS (BRIDGE PLANS ID P040106-B06) FOR ADDITIONAL INFORMATION.
- INSIDE PAVED SHOULDER, WIDTH VARIES FROM 15'-11" TO 12'-0" AT BRIDGE.
- OUTSIDE PAVED SHOULDER VARIES FROM 12'-0" TO 24'-0" AT BRIDGE.
- UNPAVED SHOULDER WIDTH VARIES FROM 15'-9" TO 3'-9" AT BRIDGE.
- GEOMETRY OF ROADWAY CONCRETE MEDIAN BARRIER VARIES TO MATCH MASH BARRIER PARAPET AT ENDS OF APPROACH SLABS. SEE ROADWAY PLANS FOR MORE INFORMATION.
- 90°-00'-00" TO LONG CHORD FROM C END BENT 1 TO C END BENT 8. TYPICAL ALL BENTS, END APPROACH SLABS ARE PARALLEL TO BEGIN AND END BRIDGE.

BENCHMARKS:

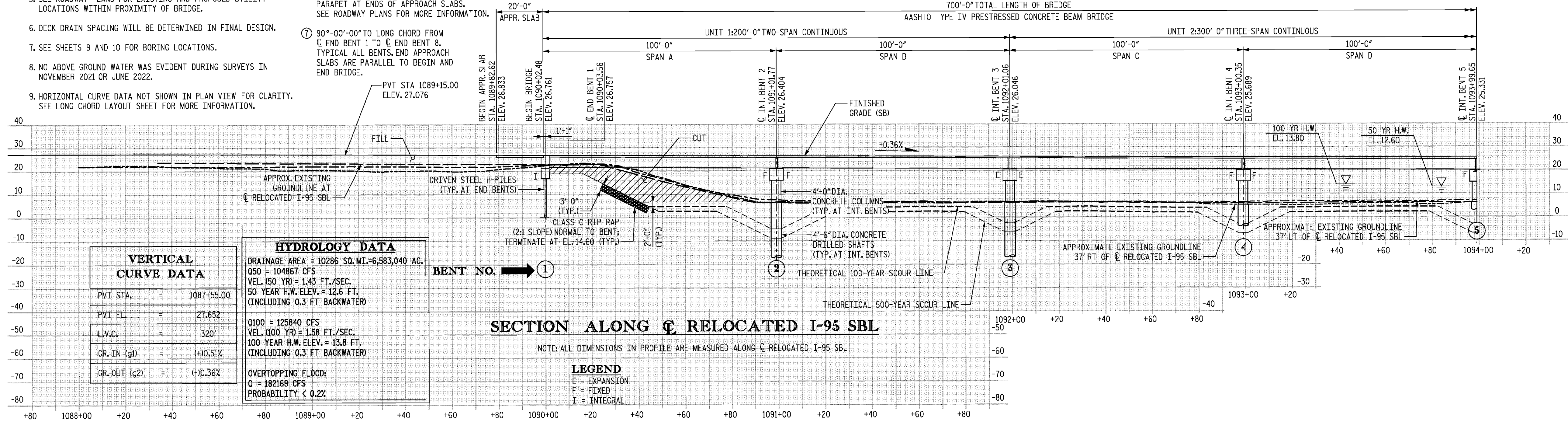
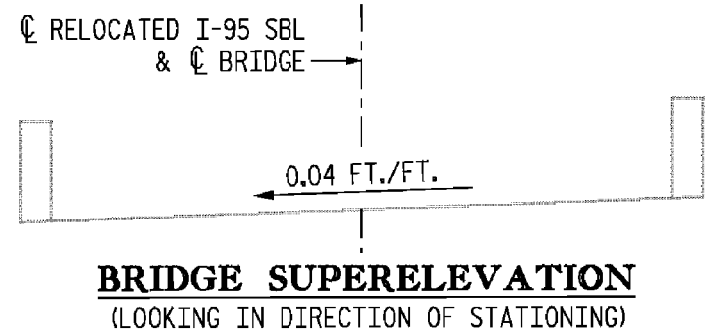
VERTICAL DATUM: NAVD 88
HORIZONTAL DATUM: NAD 83 (2011) SCSPCS

POINT ID 47
I-95 FAP (EXISTING)
STA. 1114+33.28
OFFSET 106.09' RT
N 152652.1350
E 1961204.6510
ELEV. 15.36
BENCHTIE IN TREE

POINT ID 48
I-95 FAP (EXISTING)
STA. 1127+83.53
OFFSET 93.33' RT
N 152993.9050
E 1962483.6680
ELEV. 20.34
BENCHTIE IN TREE

PLAN

NOTE: ALL DIMENSIONS SHOWN IN PLAN ARE RADIAL



VERTICAL CURVE DATA	
PVI STA.	= 1087+55.00
PVI EL.	= 27.652
L.V.C.	= 320'
GR. IN (g1)	= (+)0.51%
GR. OUT (g2)	= (+)0.36%

HYDROLOGY DATA	
DRAINAGE AREA	= 10286 SQ. MI. - 6,583,040 AC.
Q50	= 104867 CFS
VEL. (50 YR)	= 1.43 FT./SEC.
50 YEAR H.W. ELEV.	= 12.6 FT. (INCLUDING 0.3 FT. BACKWATER)
Q100	= 125840 CFS
VEL. (100 YR)	= 1.58 FT./SEC.
100 YEAR H.W. ELEV.	= 13.8 FT. (INCLUDING 0.3 FT. BACKWATER)
OVERTOPPING FLOOD:	
Q	= 182169 CFS
PROBABILITY	< 0.2%

SECTION ALONG C RELOCATED I-95 SBL

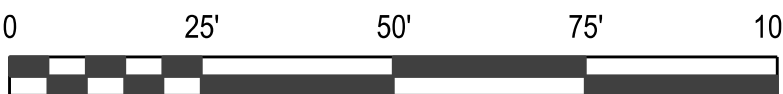
NOTE: ALL DIMENSIONS IN PROFILE ARE MEASURED ALONG C RELOCATED I-95 SBL

LEGEND

E = EXPANSION
F = FIXED
I = INTEGRAL

BRIDGE PLAN AND PROFILE
I-95 OVER SAND ISLAND SWAMP SB

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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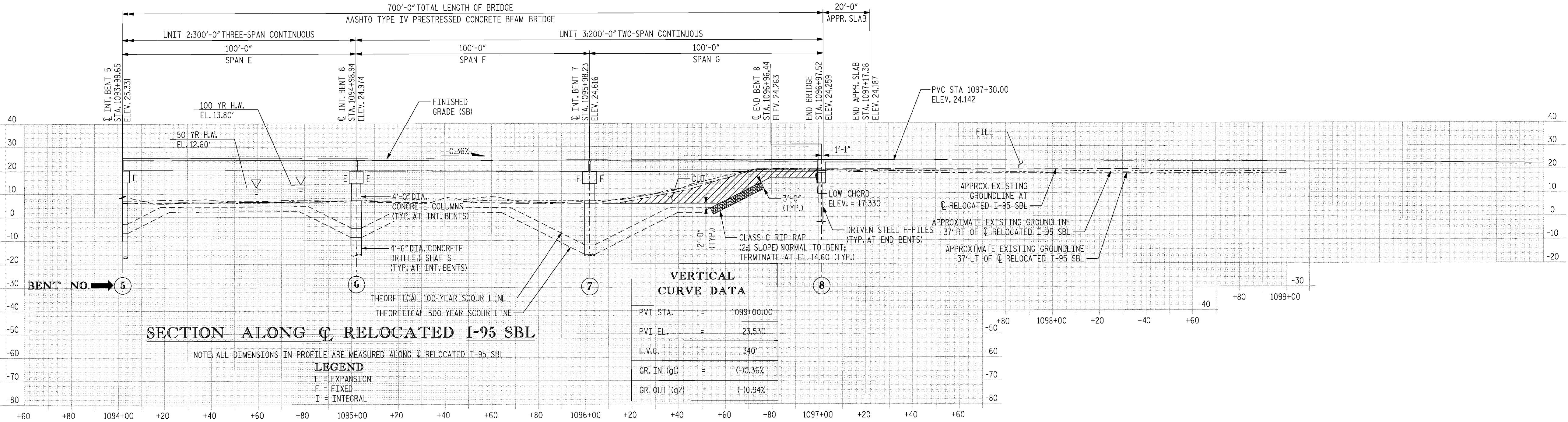
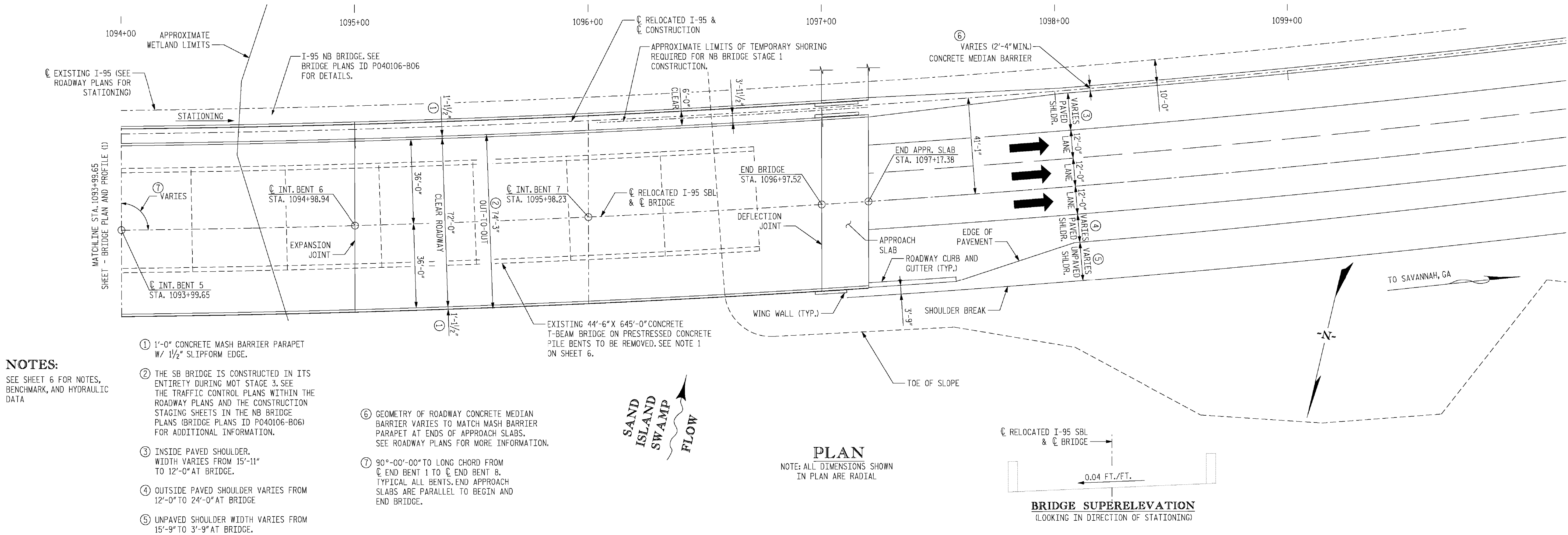
APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

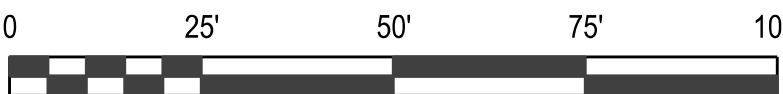
WATERS OF THE US IMPACTS B03 OF 12

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	B04



BRIDGE PLAN AND PROFILE I-95 OVER SAND ISLAND SWAMP SB

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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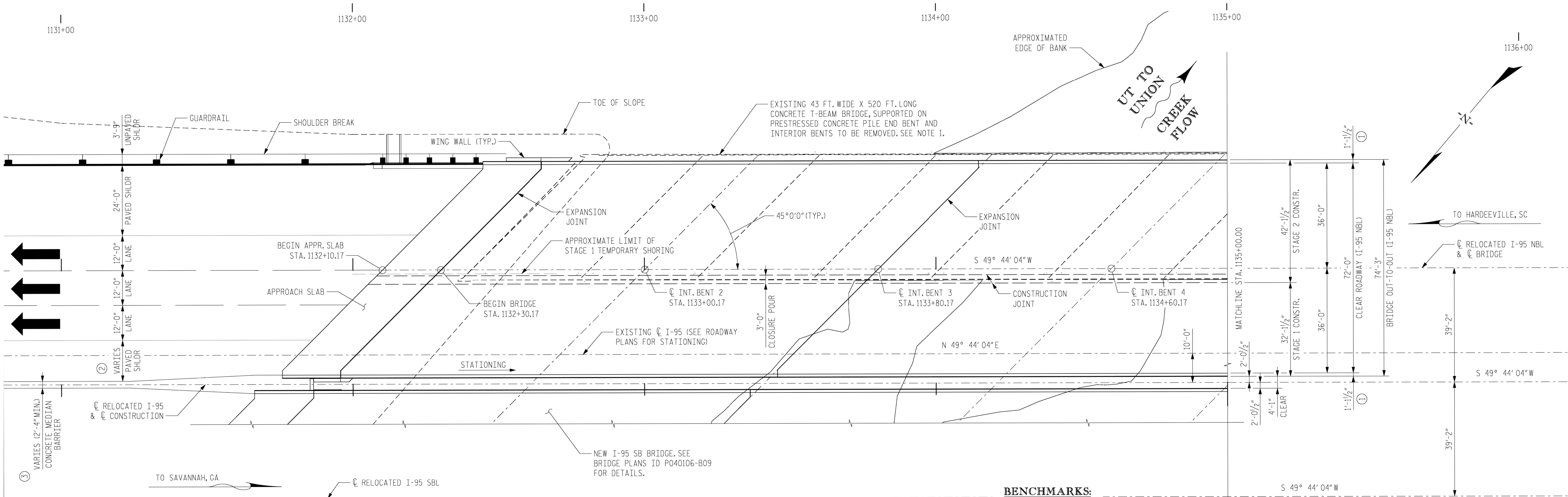
APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS B04 OF 12

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	B05



NOTES:

- EXISTING BRIDGE AND ALL EXISTING SUBSTRUCTURE ELEMENTS IN THE VICINITY OF THE NEW BRIDGE TO BE REMOVED AND DISPOSED OF BY THE BRIDGE CONTRACTOR IN ACCORDANCE WITH SECTION 202.4.2 OF THE STANDARD SPECIFICATIONS. ALL COSTS SHALL BE INCLUDED IN THE LUMP SUM BID FOR REMOVAL AND DISPOSAL OF EXISTING BRIDGE.
- GUARDRAIL AND BRIDGE END DRAINAGE NOT SHOWN IN THESE PLANS. SEE ROADWAY PLANS FOR DETAILS OF GUARDRAIL AND BRIDGE END DRAINAGE.
- EXCAVATION FOR END SLOPES IS A ROADWAY ITEM. SEE ROADWAY PLANS FOR DETAILS.
- SEE ROADWAY PLANS FOR EXISTING AND PROPOSED UTILITY LOCATIONS WITHIN PROXIMITY OF BRIDGE.
- SEE SHEETS 14 AND 15 FOR BORING LOCATIONS.
- TEMPORARY SHORING FOR STAGE 1 ROADWAY CONSTRUCTION BEYOND BRIDGE NOT SHOWN. SEE ROADWAY PLANS FOR DETAILS.
- DECK DRAIN SPACING WILL BE DETERMINED IN FINAL DESIGN.

- 1'-0" MASH BARRIER PARAPET W/ 1/2" SLIPFORM EDGE.
- INSIDE PAVED SHOULDER VARIES FROM 12'-0" AT BRIDGE TO 14'-0".
- GEOMETRY OF ROADWAY CONCRETE MEDIAN BARRIER VARIES TO MATCH MASH BARRIER PARAPET AT ENDS OF APPROACH SLABS. SEE ROADWAY PLANS FOR MORE INFORMATION.
- WATER SURFACE ELEVATION 4.5, TAKEN AT SURVEY ON 11-10-2021.

PLAN

BENCHMARKS:
VERTICAL DATUM: NAVD 88
HORIZONTAL DATUM: NAD 83 (2011) SCSPCS

POINT ID 44
I-95_FAP (EXISTING) STA. 1076+80.61
O/S 162.20' RT
N 150467.6210
E 1958223.222
ELEV. 11.79
BENCHMARK IN TREE

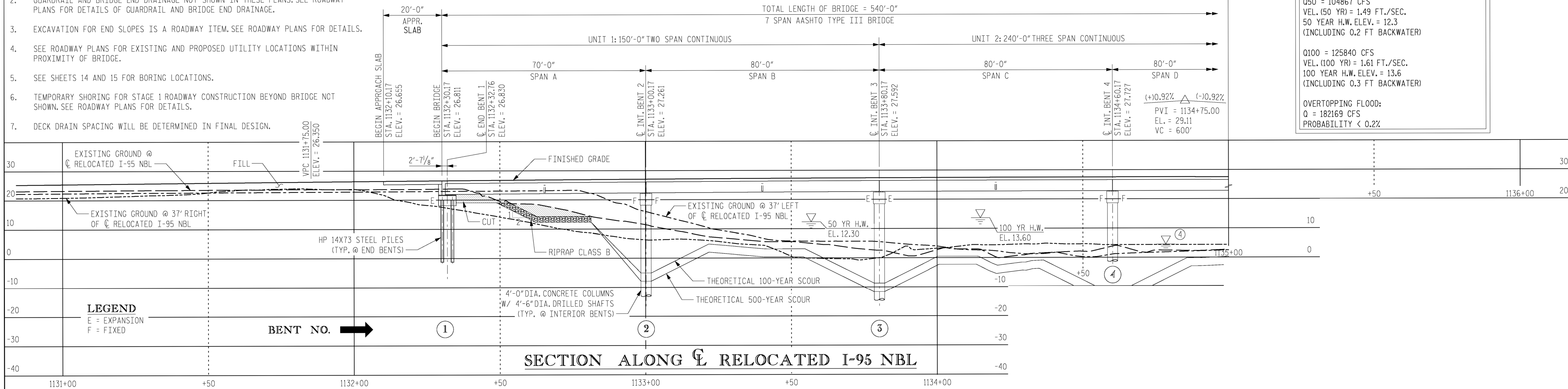
POINT ID 45
I-95_FAP (EXISTING) STA. 1086+60.66
O/S 120.04' RT
N 151133.2300
E 1958949.8030
ELEV. 15.95
BENCHMARK IN TREE

HYDROLOGY DATA

DRAINAGE AREA = 10286 SQ. MI.
Q50 = 104867 CFS
VEL. (50 YR) = 1.49 FT./SEC.
50 YEAR H.W. ELEV. = 12.3
(INCLUDING 0.2 FT BACKWATER)

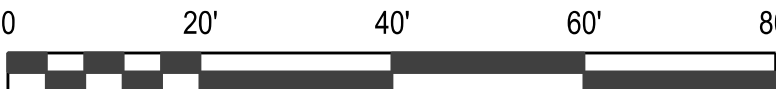
Q100 = 125840 CFS
VEL. (100 YR) = 1.61 FT./SEC.
100 YEAR H.W. ELEV. = 13.6
(INCLUDING 0.3 FT BACKWATER)

OVERTOPPING FLOOD:
Q = 182169 CFS
PROBABILITY < 0.2%



BRIDGE PLAN AND PROFILE
I-95 OVER UNION CREEK NB

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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APPLICATION BY:

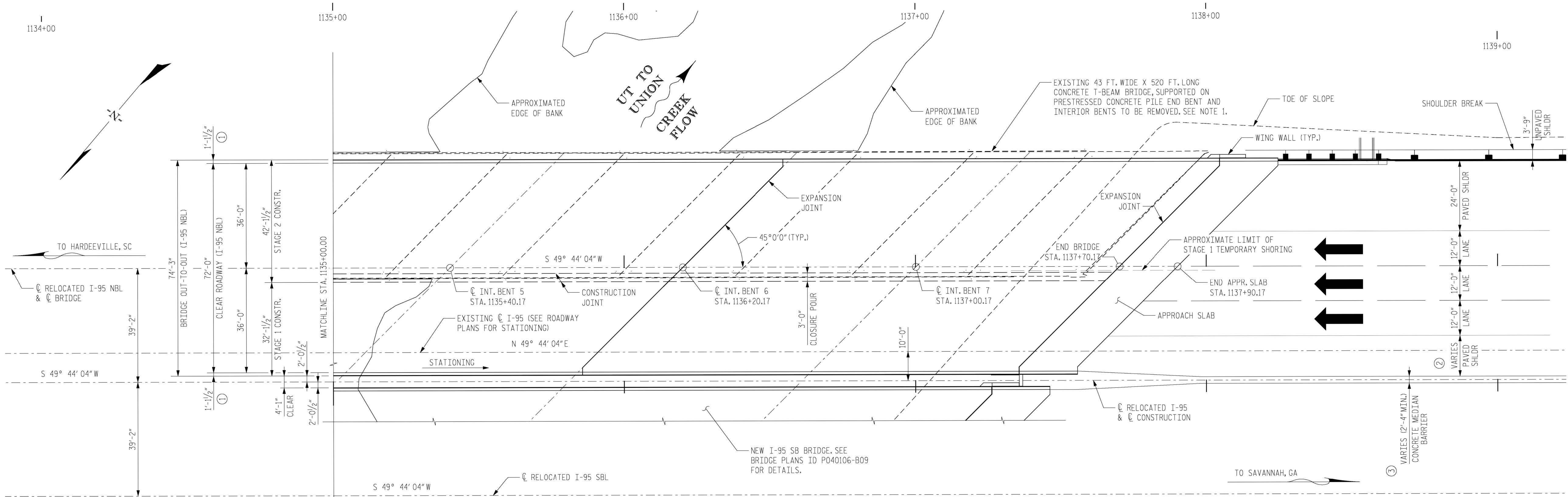


SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS B05 OF 12

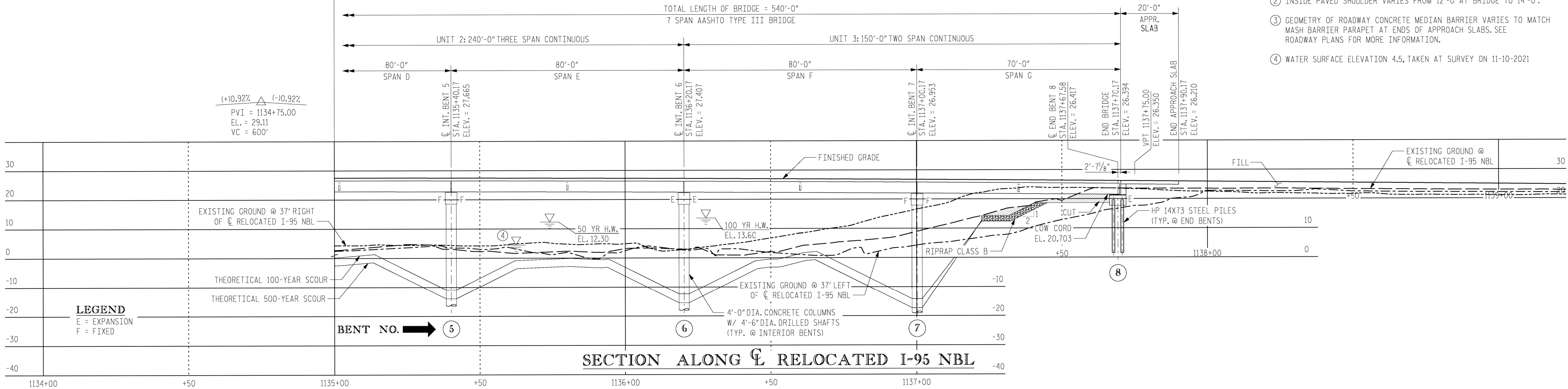
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	B06



NOTES:

1. SEE SHEET 13 FOR BENCHMARK AND HYDRAULIC DATA AND FOR ADDITIONAL NOTES.

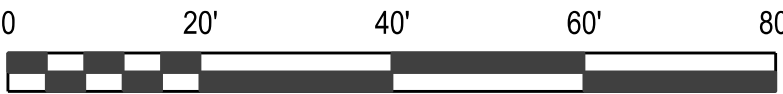
PLAN



- ① 1'-0" MASH BARRIER PARAPET W/ 1/2" SLIPFORM EDGE.
② INSIDE PAVED SHOULDER VARIES FROM 12'-0" AT BRIDGE TO 14'-0".
③ GEOMETRY OF ROADWAY CONCRETE MEDIAN BARRIER VARIES TO MATCH MASH BARRIER PARAPET AT ENDS OF APPROACH SLABS. SEE ROADWAY PLANS FOR MORE INFORMATION.
④ WATER SURFACE ELEVATION 4.5, TAKEN AT SURVEY ON 11-10-2021

BRIDGE PLAN AND PROFILE
I-95 OVER UNION CREEK NB

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

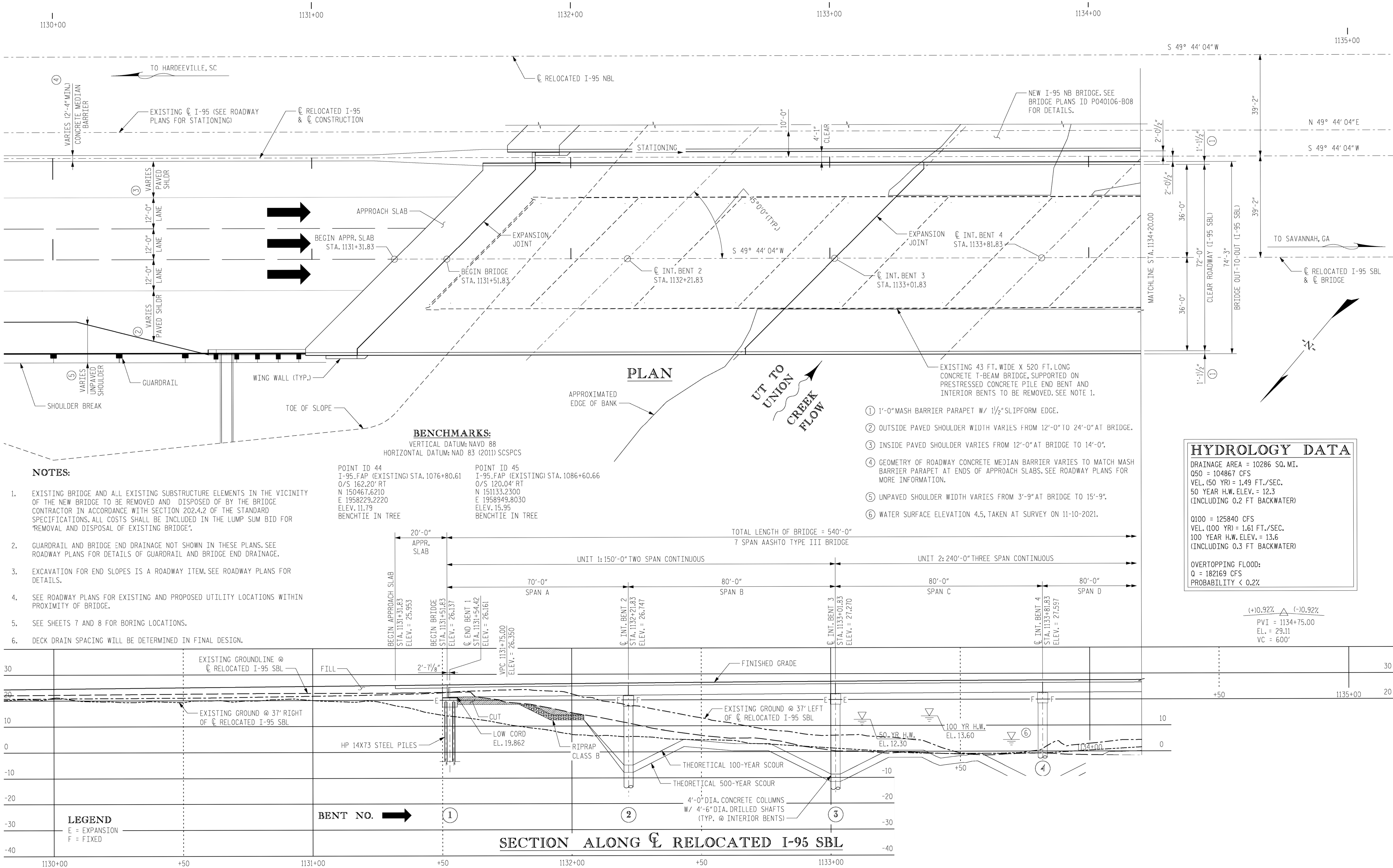
APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS B06 OF 12

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	B07



BRIDGE PLAN AND PROFILE I-95 OVER UNION CREEK SB

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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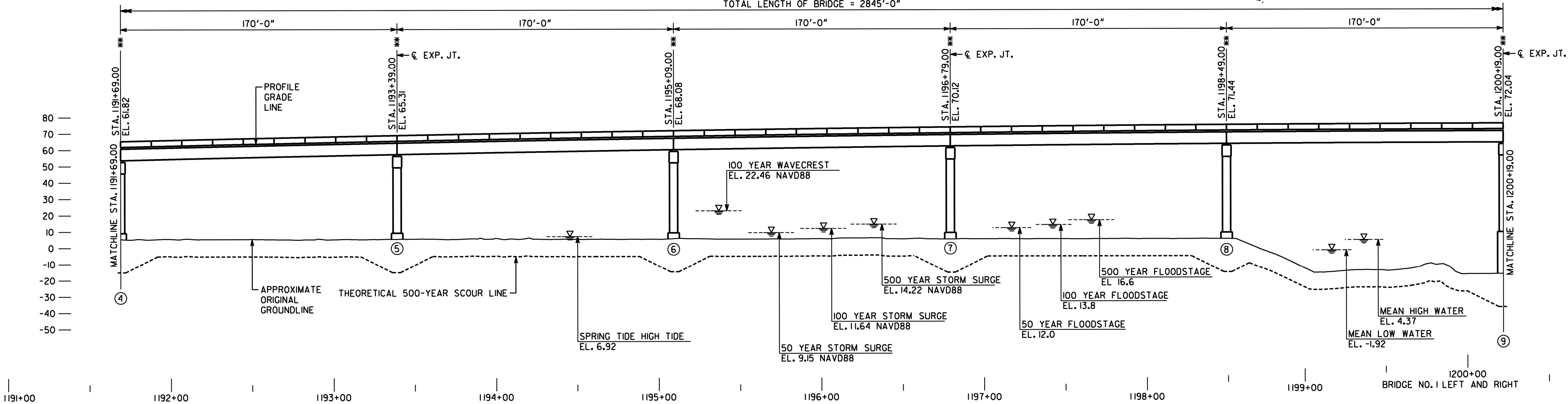
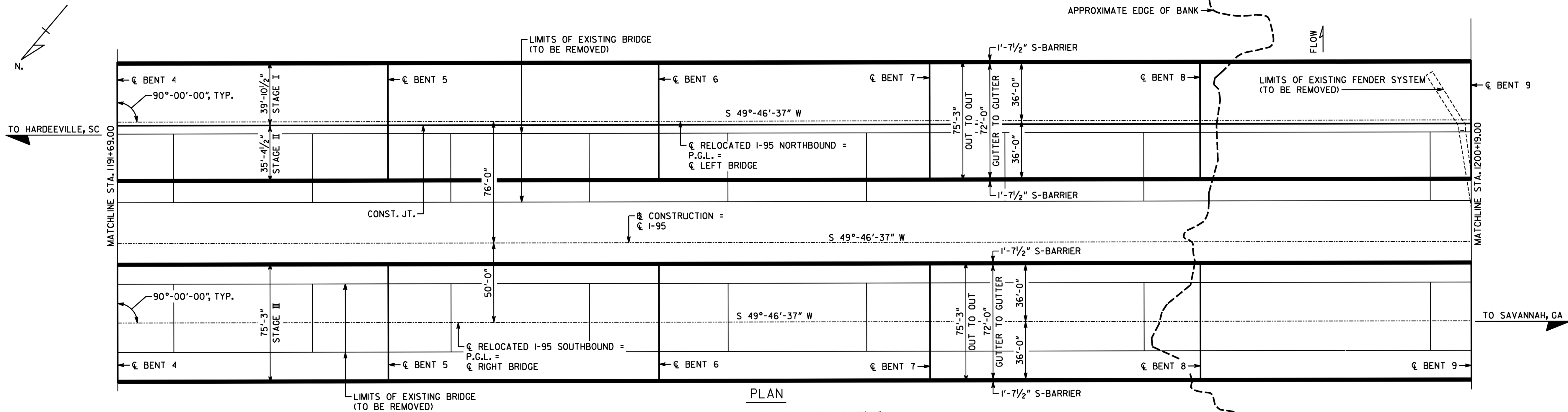
APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS B07 OF 12

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	B10

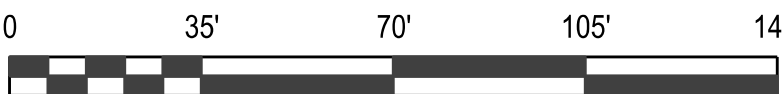


THEORETICAL SCOUR DEPTHS (FT)						
LOCATION	100 YEAR STORM			500 YEAR STORM		
	GENERAL	LOCAL	TOTAL	GENERAL	LOCAL	TOTAL
BENT 4	13.1	6.9	20.0	10.6	9.9	20.5
BENT 5	13.1	6.9	20.0	10.6	9.9	20.5
BENT 6	13.1	6.9	20.0	10.6	9.9	20.5
BENT 7	13.1	6.9	20.0	10.6	9.9	20.5
BENT 8	13.1	6.9	20.0	10.6	9.9	20.5
BENT 9	13.1	7.3	20.4	10.6	9.9	20.5

PROPOSED VERTICAL CURVE DATA						
+3.0000% 2400 FT. V.C. -3.0000%						

BRIDGE PLAN AND PROFILE I-95 OVER SAVANNAH RIVER

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

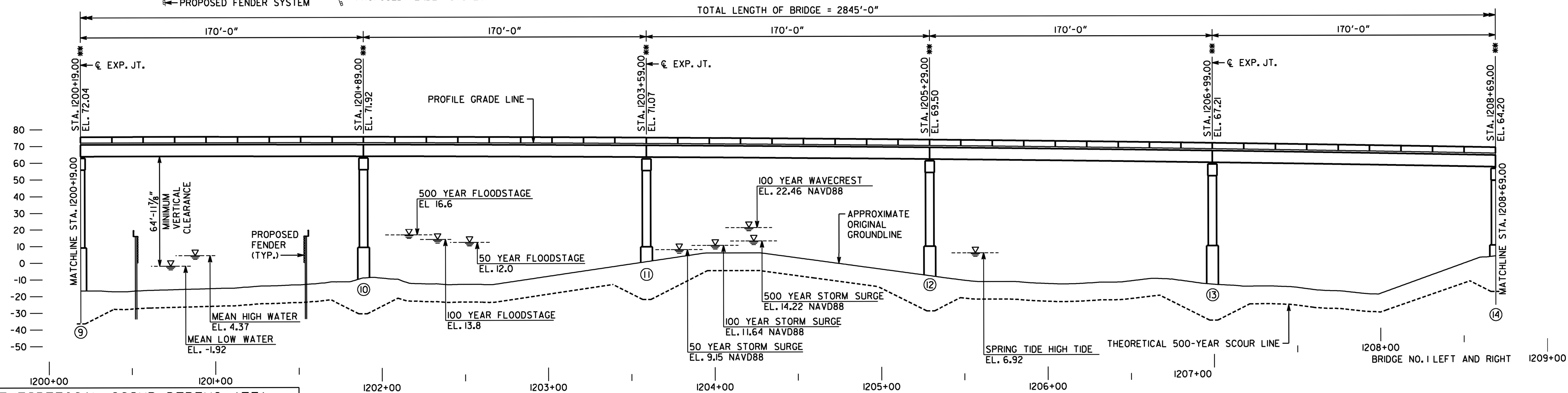
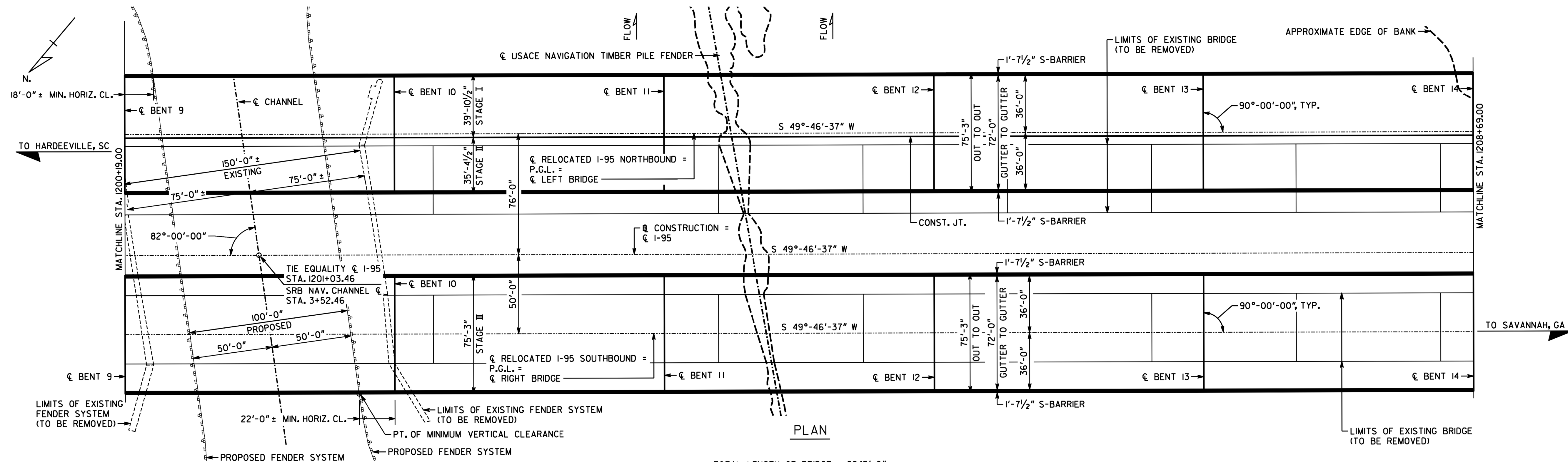
APPLICATION BY:



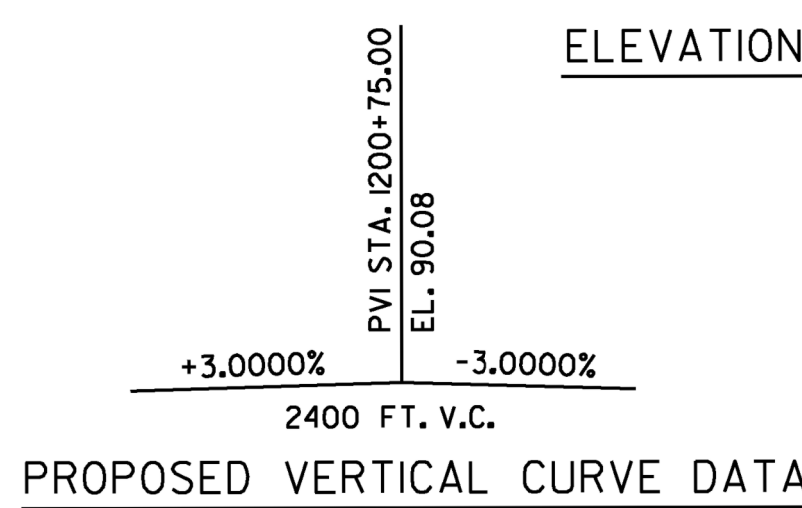
I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

WATERS OF THE US IMPACTS B10 OF 12

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	B11

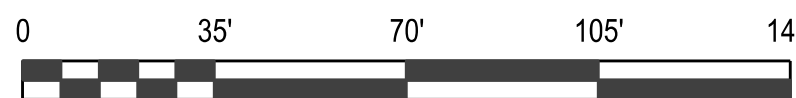


THEORETICAL SCOUR DEPTHS (FT)						
LOCATION	100 YEAR STORM			500 YEAR STORM		
	GENERAL	LOCAL	TOTAL	GENERAL	LOCAL	TOTAL
BENT 9	13.1	7.3	20.4	10.6	9.9	20.5
BENT 10	13.1	10.5	23.6	10.6	10.8	21.4
BENT 11	13.1	11.4	24.5	10.6	11.7	22.3
BENT 12	13.1	9.0	22.1	10.6	11.0	21.6
BENT 13	13.1	10.8	23.9	10.6	11.0	21.6
BENT 14	13.1	11.0	24.1	10.6	11.3	21.9



BRIDGE PLAN AND PROFILE I-95 OVER SAVANNAH RIVER

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

5			
4			
3			
2			
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

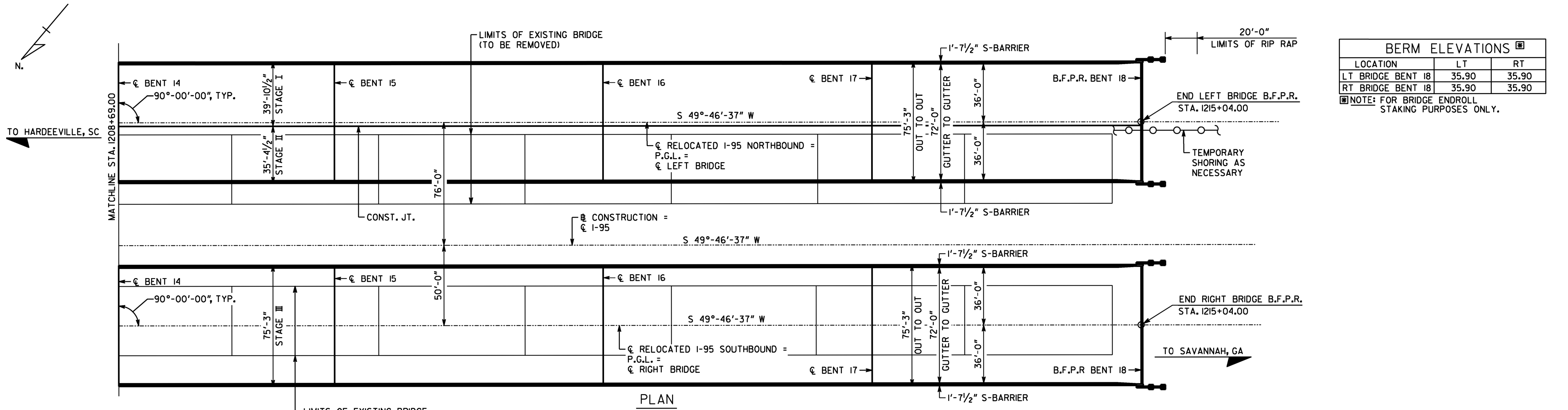
APPLICATION BY:



I-95 CORRIDOR IMPROVEMENT
MM 0 - 8 (EXIT 8 AT US 278 TO 0.57 MI SW OF GA LINE)
SCDOT PROJECT ID P040106
JASPER CO., SC & EFFINGHAM CO., GA

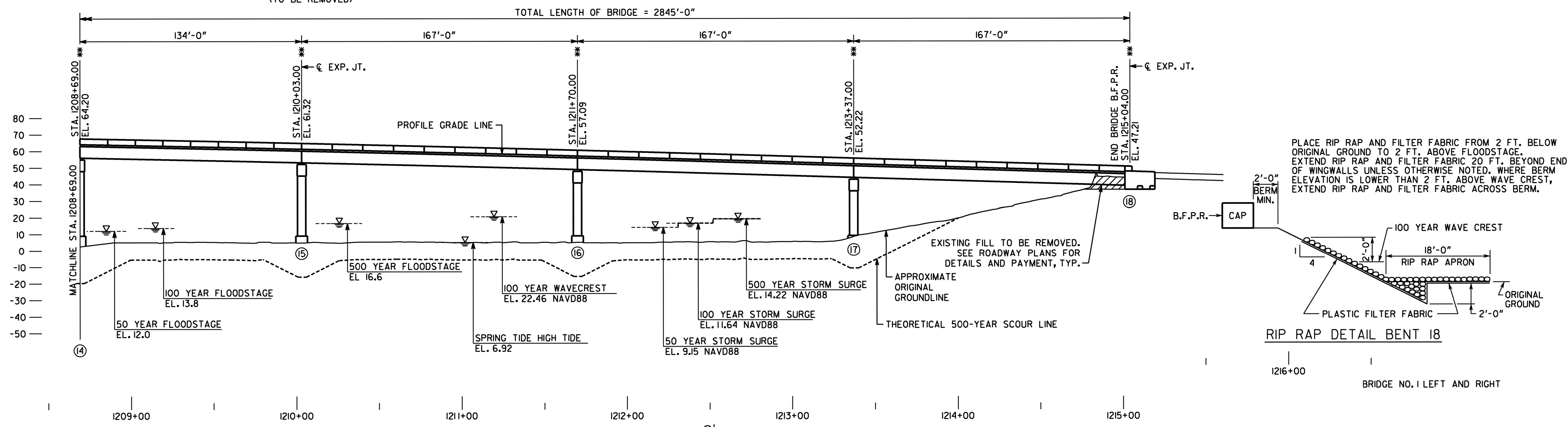
WATERS OF THE US IMPACTS B11 of 12

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	SC/GA	JASPER CO., SC EFFINGHAM CO., GA	P040106	I-95	B12

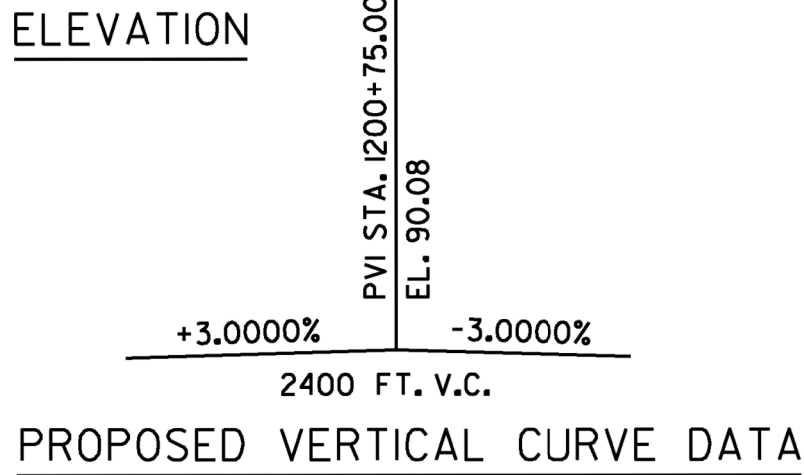


BERM ELEVATIONS		
LOCATION	LT	RT
LT BRIDGE BENT 18	35.90	35.90
RT BRIDGE BENT 18	35.90	35.90

NOTE: FOR BRIDGE ENDROLL STAKING PURPOSES ONLY.

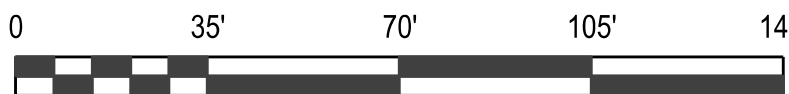


THEORETICAL SCOUR DEPTHS (FT)						
	100 YEAR STORM			500 YEAR STORM		
LOCATION	GENERAL	LOCAL	TOTAL	GENERAL	LOCAL	TOTAL
BENT 14	13.1	11.0	24.1	10.6	11.3	21.9
BENT 15	13.1	10.0	23.1	10.6	10.3	20.9
BENT 16	13.1	8.3	21.4	10.6	9.9	20.5
BENT 17	13.1	5.9	19.0	10.6	9.9	20.5



BRIDGE PLAN AND PROFILE I-95 OVER SAVANNAH RIVER

PREPARED BY:



US ARMY CORPS OF ENGINEERS:

CHARLESTON DISTRICT
SAC-2023-00107

SAVANNAH DISTRICT
SAS-2023-00079

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

APPLICATION BY:



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WATERS OF THE US IMPACTS

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