

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, South Carolina 29403
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-2019-01206

March 11, 2024

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

SC Department of Transportation
955 Park Street
Columbia, South Carolina 29210

c/o

Mr. Cody Conner
Infrastructure Consulting & Engineering
110 Midlands Court
West Columbia, South Carolina 29169

for a permit to improve the Woodruff Road Corridor from Verdae Boulevard/Roper Mountain Road to Smith Hines Road in

Tributaries of Gilder Creek and Laurel Creek

located southeast of Verdae Boulevard, northwest of Smith Hines Road, Greenville County, South Carolina (Starting Latitude: 34.8360°, Longitude: -82.3160°; Ending Latitude: 34.8216°, Longitude: -82.2847°), Mauldin Quad.

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 operational efficiency and alleviate traffic congestion on Woodruff Road to improve mobility in the busy commercial area between I-385 and Verdae Boulevard/Roper Mountain Road.

Project Description

The proposed work consists of improvements to the Woodruff Road Corridor from Verdae Boulevard/Roper Mountain Road to Smith Hines Road for a distance of three miles. In detail, the project consists of impacts to 0.13 acre of wetlands and 942 linear feet of non-wetland waters to construct a new alternate roadway between Verdae Boulevard and Smith Hines Road and improve numerous intersections and access points along Woodruff Road. The new location route would include four travel lanes with a sidewalk on one side and a multi-use pathway on the other side and a raised median. The PNG Connector Road would be widened from two lanes to four lanes from Verdae Boulevard to Woodruff Industrial Lane. A new five-lane roadway would be constructed from Woodruff Industrial Lane to Carolina Point Parkway, including a new bridge over I-85 and minor realignment of Carolina Point Parkway. A new five-lane roadway would be constructed from Market Oak Drive to Thousand Oaks Boulevard, and existing sections of Market Point Drive would be improved. This new roadway section would extend east of South Oak Forest Drive and would require the relocation of Miller Road and South Oak Forest Drive. Thousand Oaks Boulevard would be improved to five lanes, and a new bridge over I-385 would be constructed to provide a connection to Smith Hines Road. Smith Hines Road would be improved to its intersection with Woodruff Road. Roundabouts would be constructed at the intersections with Ketron Court, Green Heron Road, Woodruff Industrial Lane, Carolina Point Parkway, Market Point Drive, Lanewood Drive, Miller Road, Thousand Oaks Boulevard, and Smith Hines Road. Intersection improvements would also be implemented along Woodruff Road at Verdae Boulevard, Ketron Court, Green Heron Road, Woodruff Industrial Lane, Miller Road, and Smith Hines Road.

Avoidance and Minimization

The applicant has stated that the proposed project will avoid and/or minimize impacts to the aquatic environment by aligning roadway improvements along the existing roadways where possible, bridging Non-Wetland Water 5, utilizing 2:1 roadway embankment slopes where practicable to minimize the roadway footprint, and utilizing BMPs to eliminate any potential impacts associated with stormwater runoff.

Proposed Compensatory Mitigation

The applicant has proposed to mitigate for impacts to wetlands and/or waters of the United States by purchasing 1.44 wetland credits and 2,817.1 stream credits from a Corps approved mitigation bank. Because the stream impacts span two separate HUCs (HUC 03050109 Saluda Watershed and HUC 03050108 Enoree Watershed), the required stream credits will be purchased from two mitigation banks.

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.

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 approximately 0.35 acre upstream of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's initial determination is that the proposed action would not 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). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Endangered Species

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project and based on the location of the project and available information, the following species may be present in the County(s) where the work will occur: Bunched Arrowhead (*Sagittaria fasciculata*) and Dwarf-flowered Heartleaf (*Hexastylis naniflora*).

Based on all information provided by the applicant and the most recently available information, the District Engineer has determined the following:

The project will have no effect on Bunched Arrowhead (*Sagittaria fasciculata*) and will not result in the destruction or adverse modification of designated or proposed critical habitat.

The project is not likely to adversely affect Dwarf-flowered Heartleaf (*Hexastylis naniflora*) or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any listed or proposed endangered or threatened species or designated or proposed critical habitat may be present in the area which would be affected by the activity.

Cultural Resources

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as

defined in 36 C.F.R. 800.16)(1)(1)), and has initially determined that there are historic properties present, but they will not be affected; therefore, there will be no effect on historic properties. To ensure that other historic properties that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office and other interested parties to provide any information they may have with regard to historic properties. This public notice serves as a request for concurrence within 30 days from the SHPO (and/or Tribal Historic Preservation Officer).

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

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

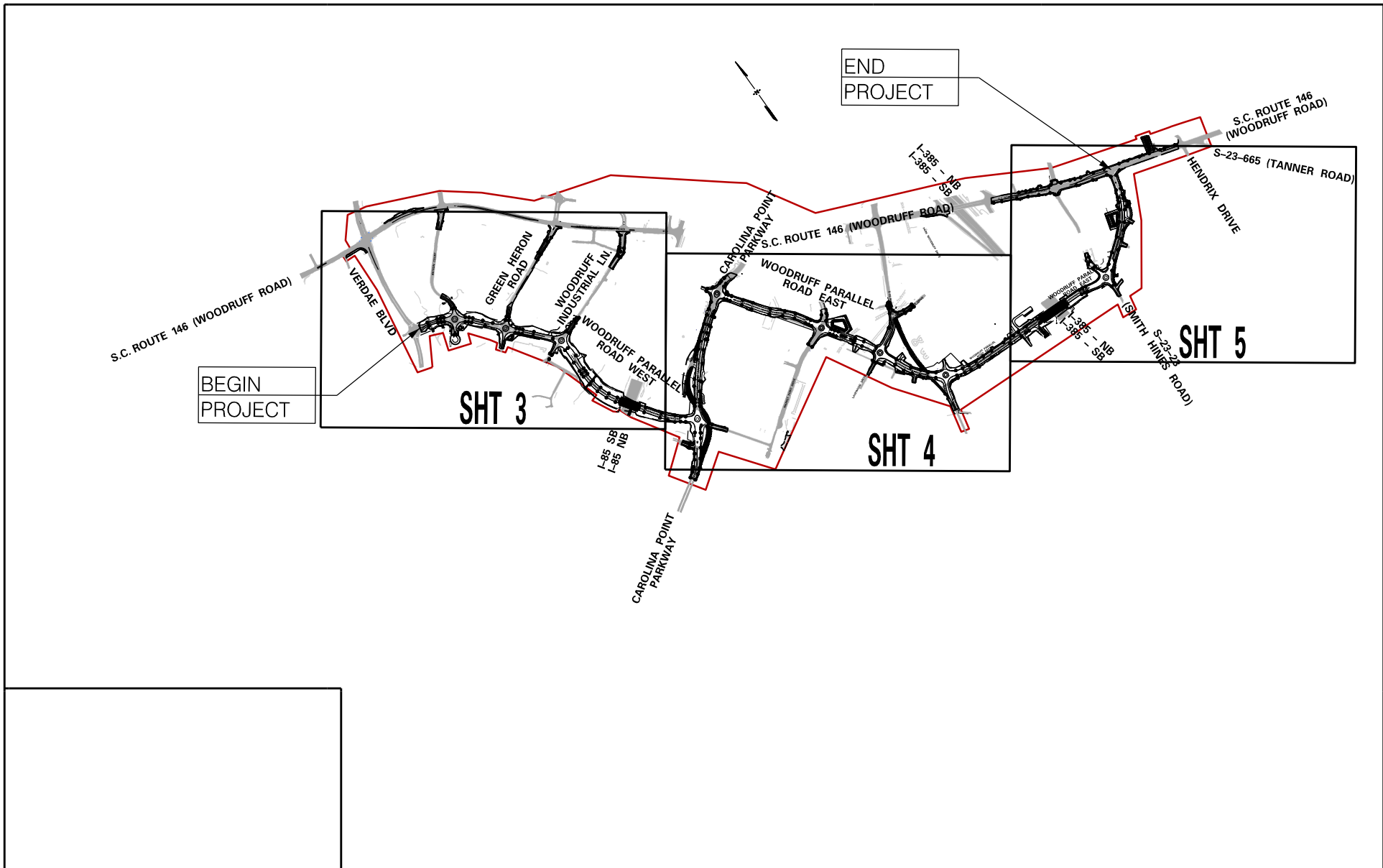
The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, 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-2019-01206), to Ann.W.Eaddy@usace.army.mil or the following address:



**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, South Carolina 29403**

If there are any questions concerning this public notice, please contact Ann Eaddy at (843) 365-4239 or by email at Ann.W.Eaddy@usace.army.mil.



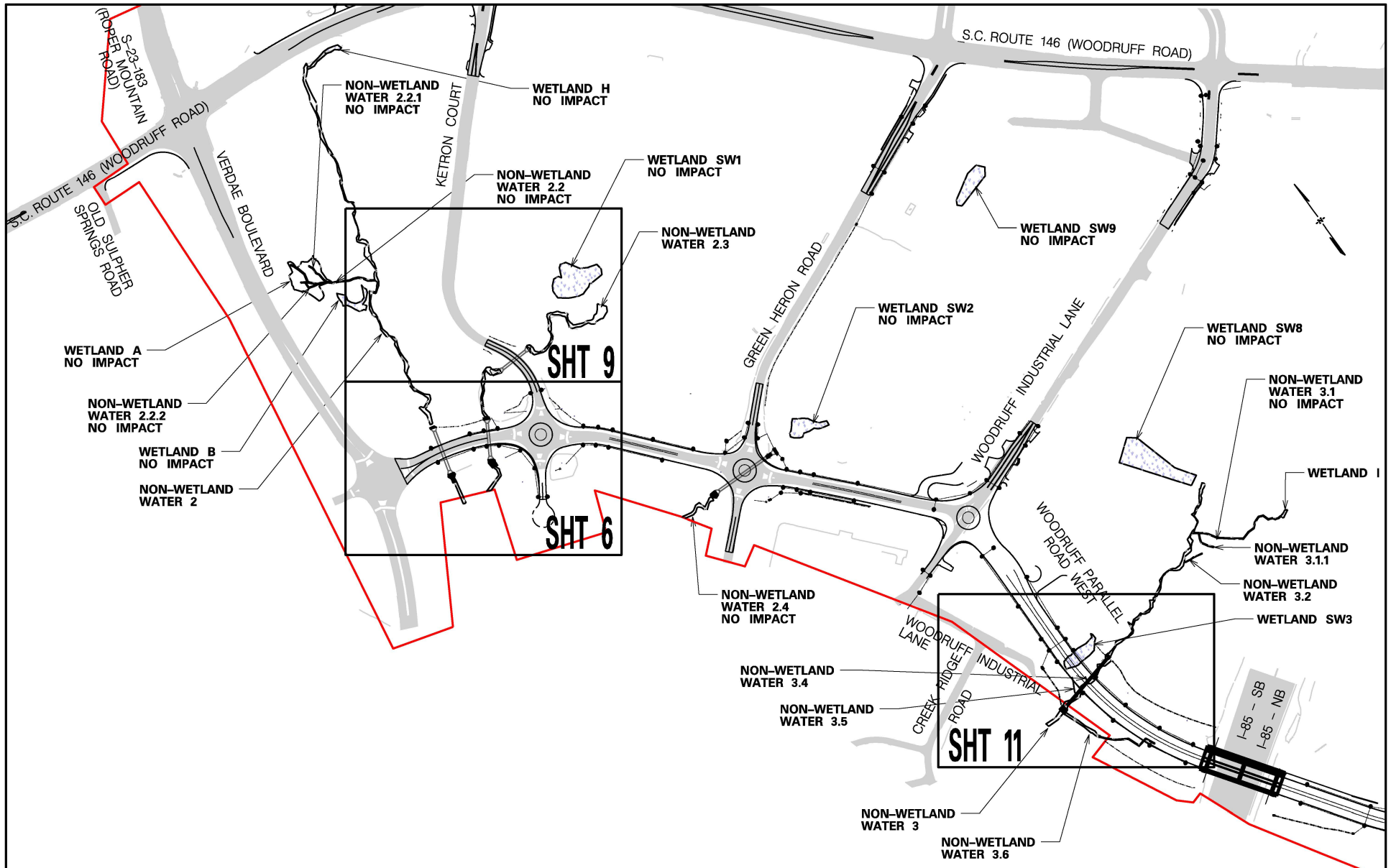
APPROXIMATE LOCATION OF ROADWAY IS	
BEGIN	
LATITUDE	34° 49'55.82"N
LONGITUDE	82° 19'01.47"W
END	
LATITUDE	34° 49'17.32"N
LONGITUDE	82° 17'05.39"W

<p align="center">APPLICANT</p>  <p align="center">South Carolina Department of Transportation</p>

<p align="center">SHEET LEGEND:</p> <p> PROJECT STUDY AREA</p> <p> PLAN SHEETS LAYOUT</p>

<p align="center">SHEET TITLE</p> <p align="center">USACE IMPACT PLAN VIEW</p>
<p align="center">SCALE: 1" = 2000'</p>

<p align="center">PROJECT TITLE</p> <p align="center">WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY</p>
<p align="center">08 /31/23</p>
<p align="center">SHEET No. 2 OF 15</p>



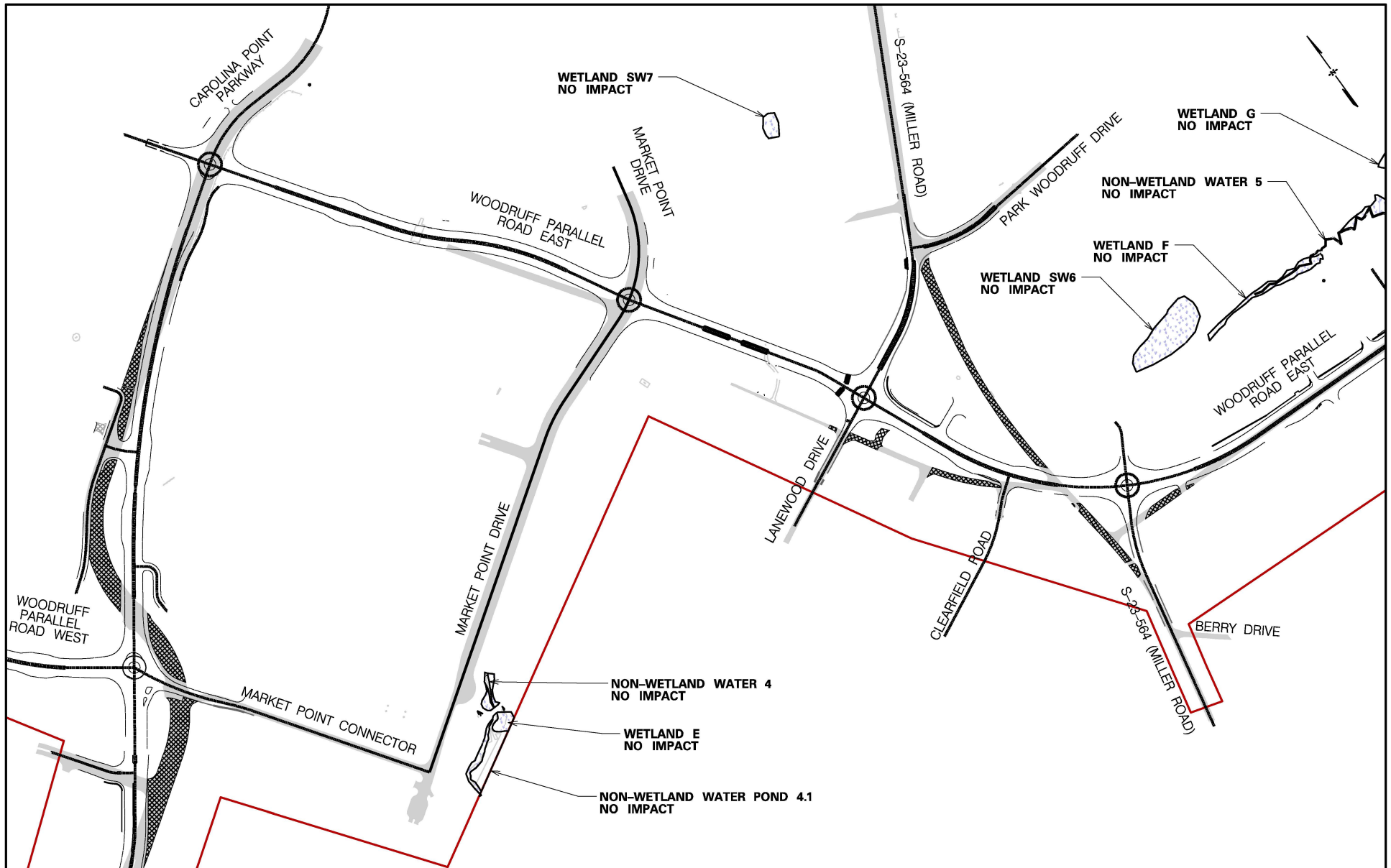
LEGEND	
	PROJECT STUDY AREA
	EXISTING ROADWAY
	PROPOSED TRAVELWAY
	BRIDGE

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APPLICANT
SCDOT
PREPARED BY

SHEET TITLE
WETLAND IMPACT PLAN VIEW LAYOUT
SCALE: 1" = 500'

PROJECT TITLE
WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY
08 / 31 / 23
SHEET No. 3 OF 15



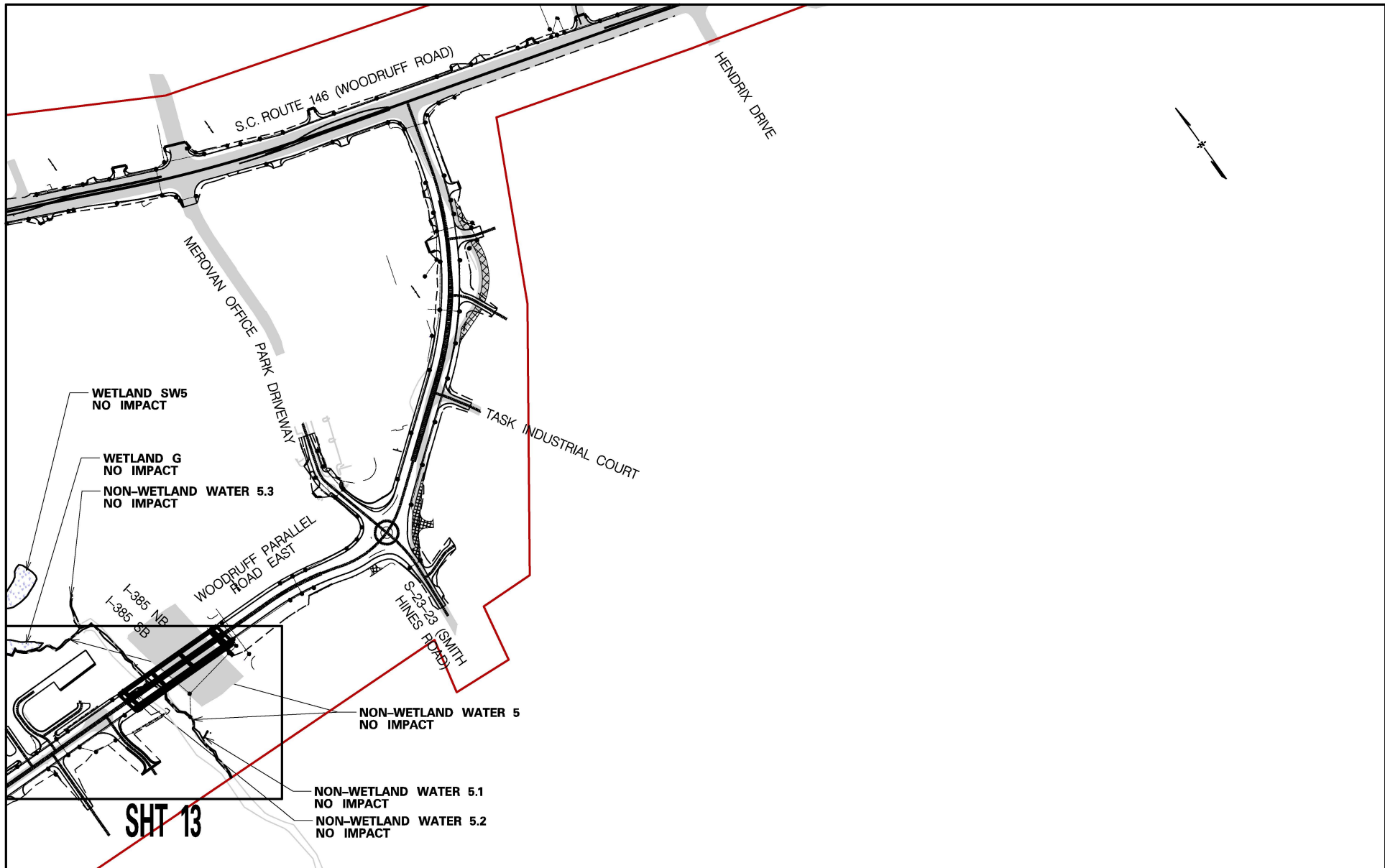
LEGEND	
	= PROJECT STUDY AREA
	= EXISTING ROADWAY
	= PROPOSED TRAVELWAY
	= PAVEMENT REMOVAL

NON-WETLAND WATER 4 NO IMPACT
WETLAND E NO IMPACT
NON-WETLAND WATER POND 4.1 NO IMPACT

APPLICANT
SCDOT
PREPARED BY

SHEET TITLE
WETLAND IMPACT PLAN VIEW LAYOUT
SCALE: 1" = 500'

PROJECT TITLE
WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY
08 / 31 / 23
SHEET No. 4 OF 15



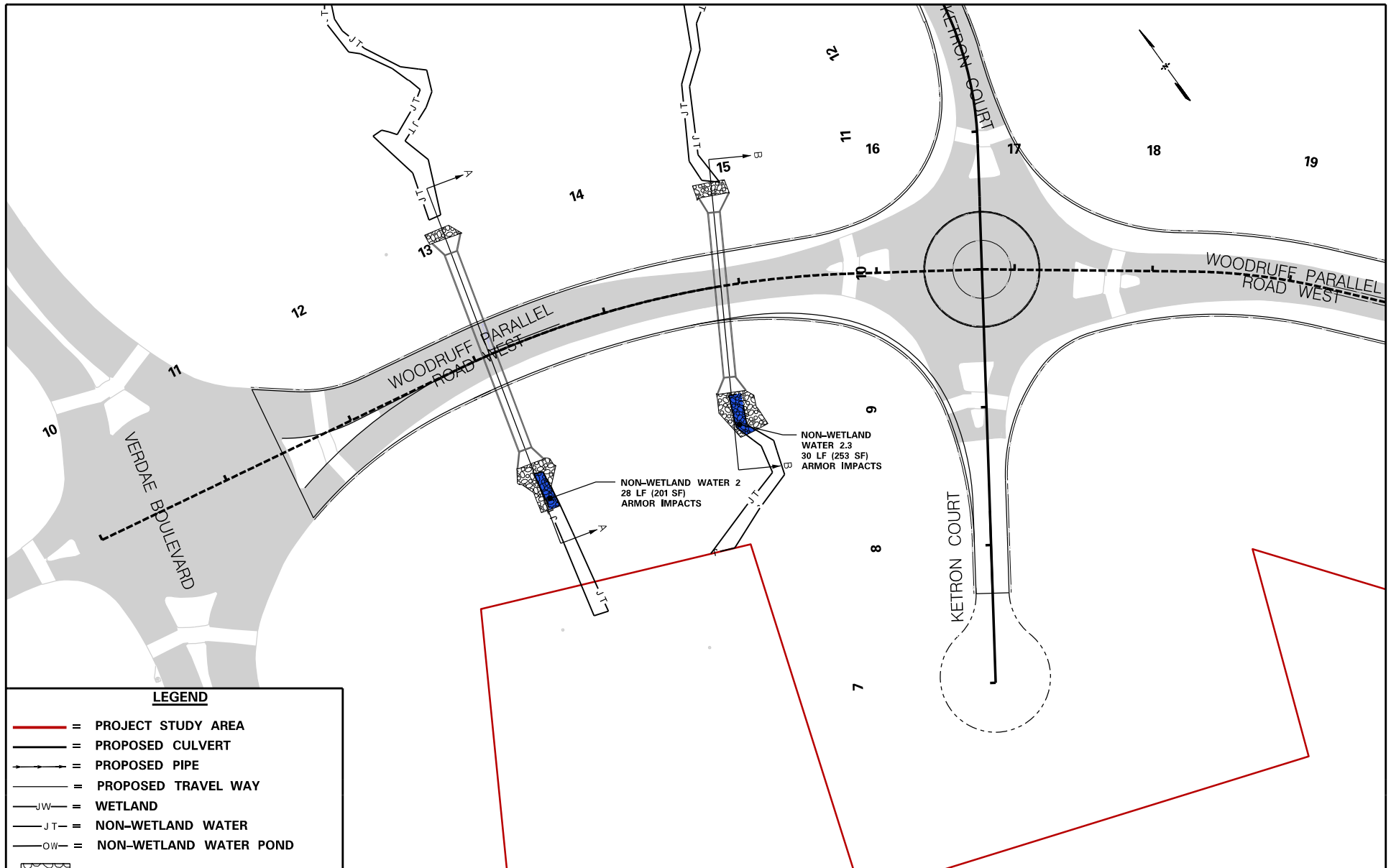
LEGEND	
	= PROJECT STUDY AREA
	= EXISTING ROADWAY
	= PROPOSED TRAVEL WAY
	= PAVEMENT REMOVAL
	= BRIDGE

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









APPLICANT	SCDOT
PREPARED BY	JE INFRASTRUCTURE CONSULTING & ENGINEERING


SHEET TITLE	WETLAND IMPACT PLAN VIEW LAYOUT
SCALE: 1" = 500'	

PROJECT TITLE	WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY
08 / 31 / 23	SHEET No. 5 OF 15

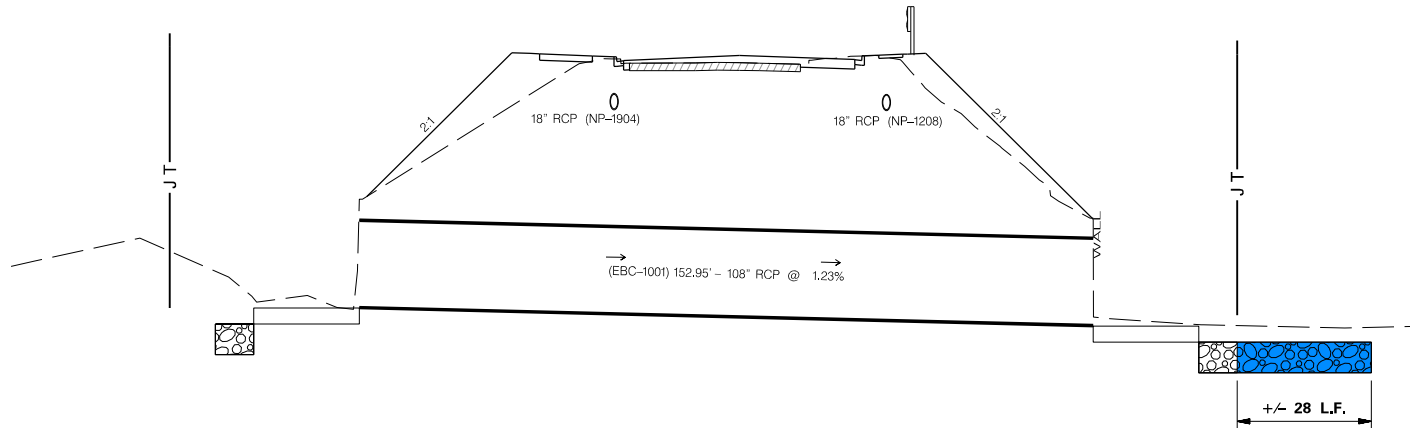


LEGEND




-  = PROJECT STUDY AREA
-  = PROPOSED CULVERT
-  = PROPOSED PIPE
-  = PROPOSED TRAVEL WAY
-  = WETLAND
-  = NON-WETLAND WATER
-  = NON-WETLAND WATER POND
-  = RIP-RAP
-  = WETLAND FILL IMPACT
-  = EXISTING ROADWAY
-  = NON-WETLAND WATER IMPACT
-  = EXISTING CULVERT

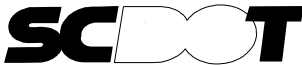
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		<p>08 /31 /23</p>	<p>SHEET No. 6 OF 15</p>

**SECTION "A-A"
WOODRUFF PARALLEL ROAD WEST
CROSS SECTION
STA. 13 + 11.29**

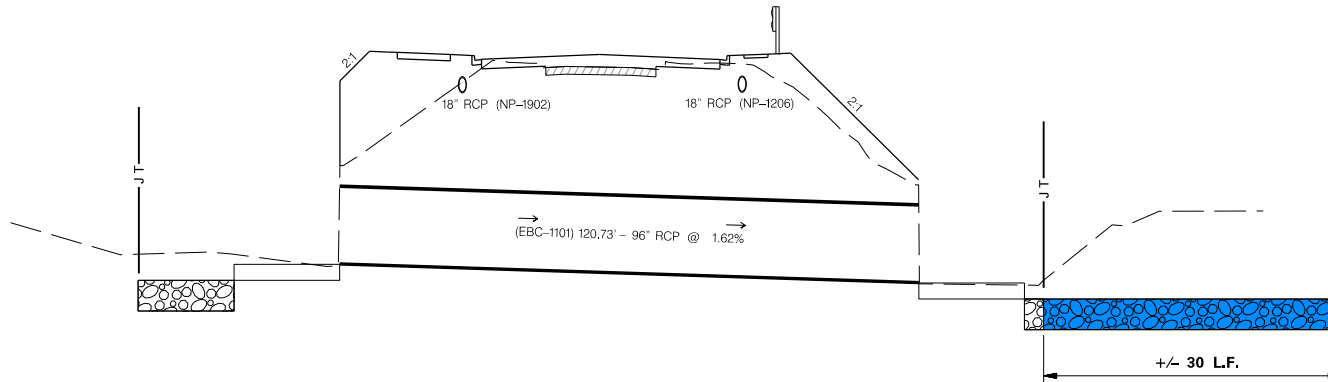


LEGEND:




-  = FILL IMPACT
-  = NON-WETLAND WATER IMPACTS
-  = NON-WETLAND WATER ARMOR IMPACT


APPLICANT		SHEET TITLE	PROJECT TITLE
 <small>South Carolina Department of Transportation</small>		CROSS SECTION AND PROFILE SHEET	WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY
		SCALE: H:1" = 40' V:1" = 20'	08 /31 /23 SHEET No. 7 OF 15

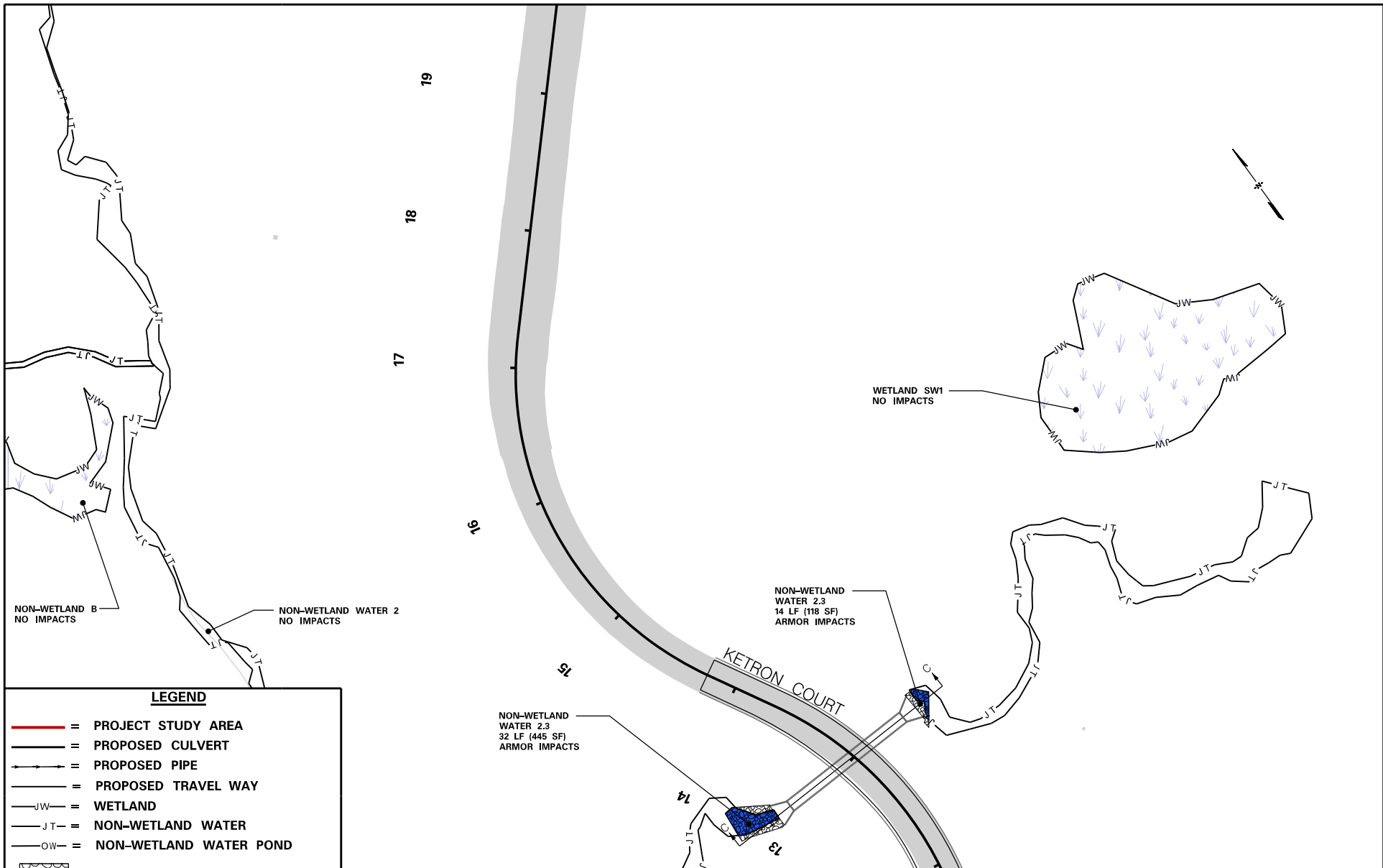
**SECTION "B-B"
WOODRUFF PARALLEL ROAD WEST
CROSS SECTION
STA. 14 + 86.49**



LEGEND:

-  = FILL IMPACT
-  = NON-WETLAND WATER IMPACTS
-  = NON-WETLAND WATER ARMOR IMPACT

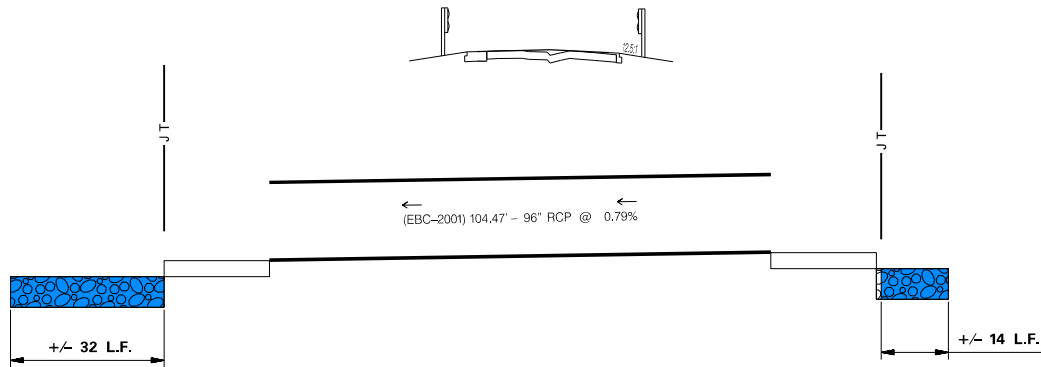
APPLICANT		SHEET TITLE	PROJECT TITLE
 <small>South Carolina Department of Transportation</small>		CROSS SECTION AND PROFILE SHEET	WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY
		SCALE: H:1" = 40' V:1" = 20'	08 / 31 / 23 SHEET No. 8 OF 15






LEGEND	
	= PROJECT STUDY AREA
	= PROPOSED CULVERT
	= PROPOSED PIPE
	= PROPOSED TRAVEL WAY
	= WETLAND
	= NON-WETLAND WATER
	= NON-WETLAND WATER POND
	= RIP-RAP
	= WETLAND FILL IMPACT
	= EXISTING ROADWAY
	= NON-WETLAND WATER IMPACT
	= EXISTING CULVERT


APPLICANT	Sheet Totals:	SHEET TITLE	PROJECT TITLE
 South Carolina Department of Transportation	NWW Armor Impact: 46 L.F. (563 S.F.)	USACE IMPACT PLAN VIEW	WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY
		SCALE: 1" = 100'	

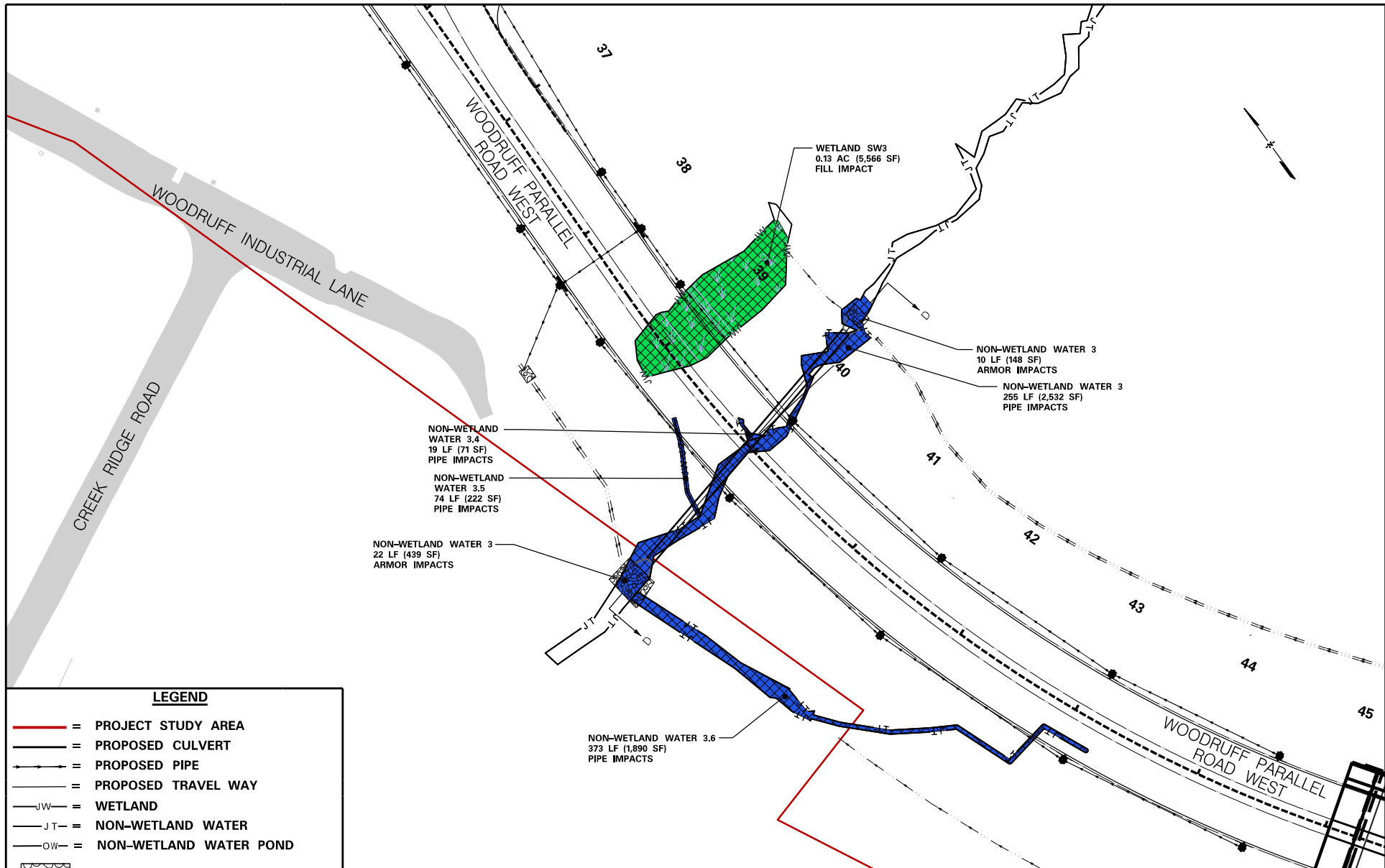
SECTION "C-C"
 KETRON DRIVE
 CROSS SECTION
 STA. 13 + 01.18



LEGEND:

-  = FILL IMPACT
-  = NON-WETLAND WATER IMPACTS
-  = NON-WETLAND WATER ARMOR IMPACT

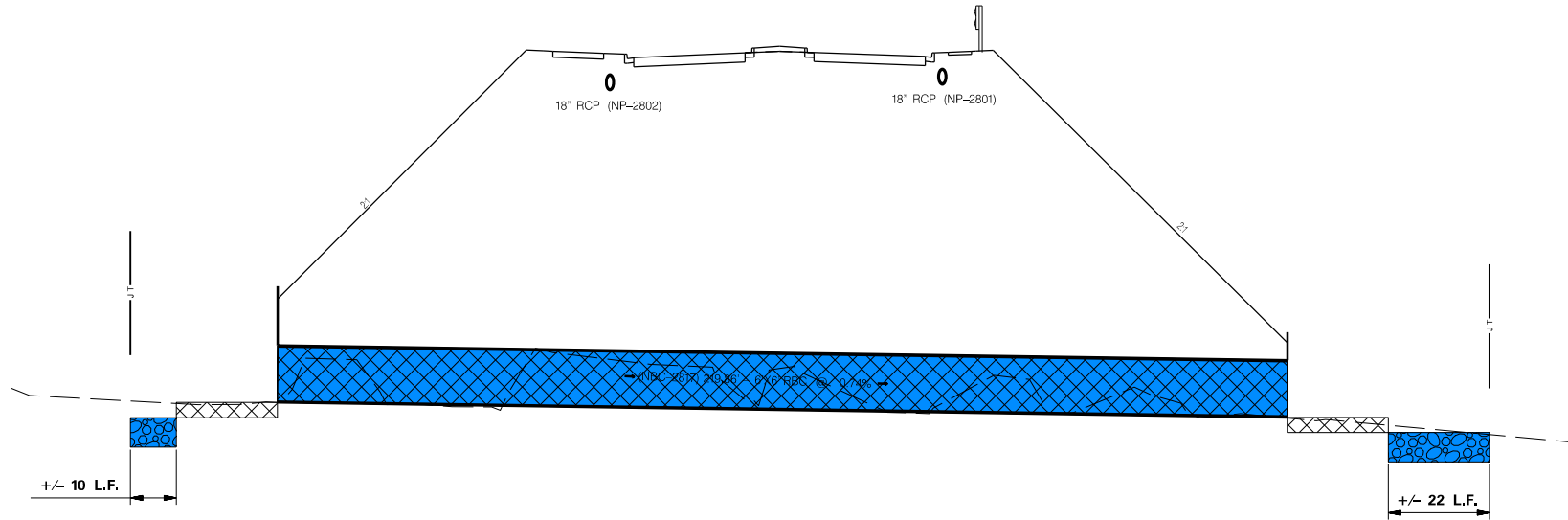
APPLICANT		SHEET TITLE	PROJECT TITLE
 South Carolina Department of Transportation		CROSS SECTION AND PROFILE SHEET SCALE: H:1" = 40' V:1" = 20'	WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY 08 /31/23 SHEET No. 10 OF 15



LEGEND	
	= PROJECT STUDY AREA
	= PROPOSED CULVERT
	= PROPOSED PIPE
	= PROPOSED TRAVEL WAY
	= WETLAND
	= NON-WETLAND WATER
	= NON-WETLAND WATER POND
	= RIP-RAP
	= WETLAND FILL IMPACT
	= EXISTING ROADWAY
	= NON-WETLAND WATER IMPACT
	= PROPOSED BRIDGE
	= PROPOSED DITCH

APPLICANT	Sheet Totals:	SHEET TITLE	PROJECT TITLE
 South Carolina Department of Transportation	Wetland Fill: 0.13 Acres (5,566 S.F.) NWW Armor Impact: 32 L.F. (587 S.F.) NWW Pipe Impact: 721 L.F. (4,715 S.F.)	USACE IMPACT PLAN VIEW	WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY
		SCALE: 1" = 100'	

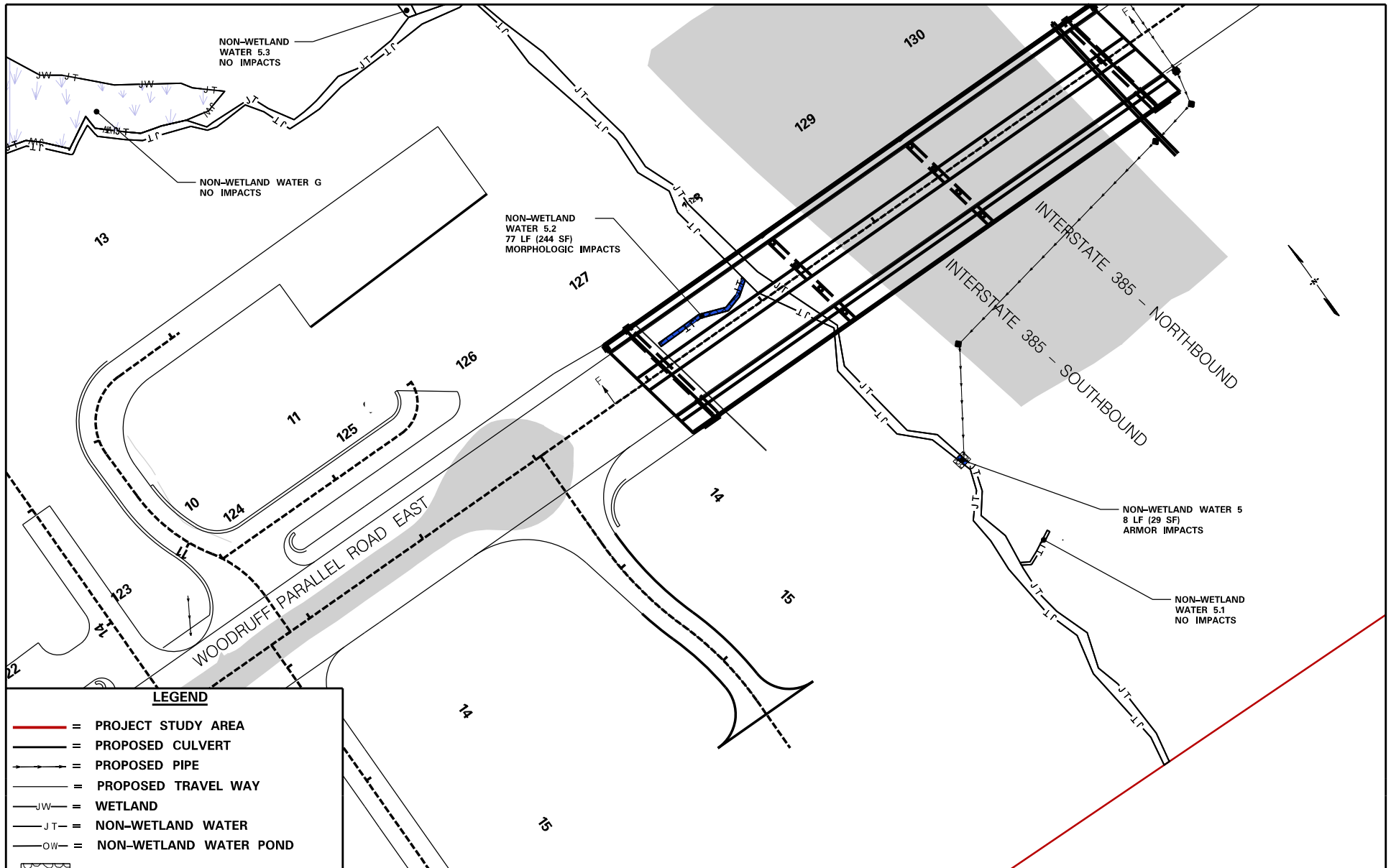
SECTION "D-D"
WOODRUFF PARALLEL ROAD WEST
CROSS SECTION
STA. 39 + 93.37



LEGEND:

- = FILL IMPACT
- = NON-WETLAND WATER IMPACTS
- = NON-WETLAND WATER ARMOR IMPACT

APPLICANT		SHEET TITLE	PROJECT TITLE
 <small>South Carolina Department of Transportation</small>		CROSS SECTION AND PROFILE SHEET	WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY
		SCALE: H:1" = 40' V:1" = 20'	08 / 31 / 23 SHEET No. 12 OF 14

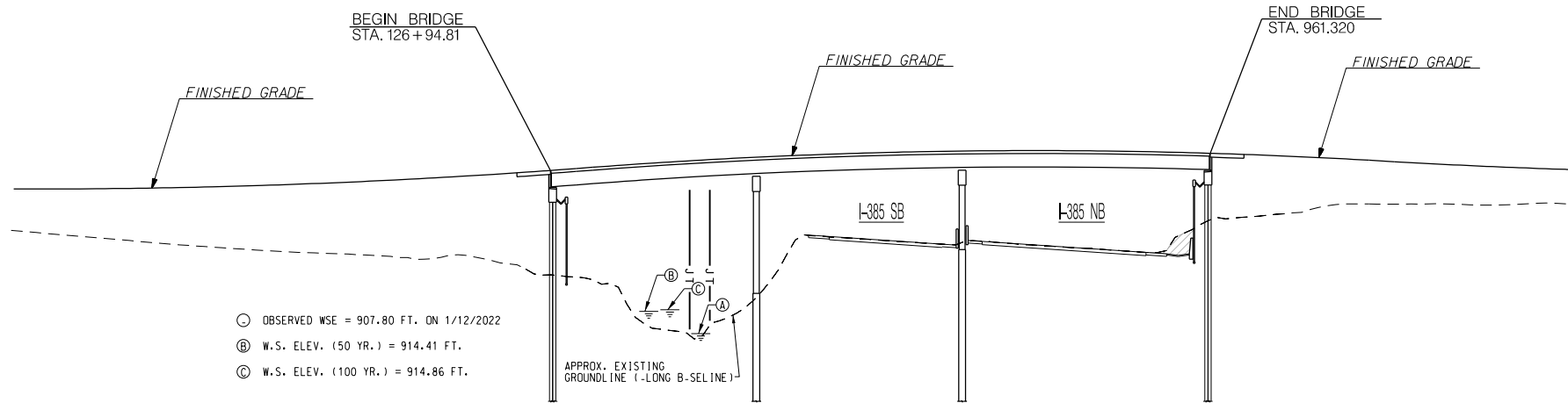


LEGEND

- = PROJECT STUDY AREA
- = PROPOSED CULVERT
- = PROPOSED PIPE
- = PROPOSED TRAVEL WAY
- JW = WETLAND
- JT = NON-WETLAND WATER
- OW = NON-WETLAND WATER POND
- = RIP-RAP
- = WETLAND FILL IMPACT
- = EXISTING ROADWAY
- = NON-WETLAND WATER IMPACT
- = PROPOSED BRIDGE

<p>APPLICANT</p> <p>South Carolina Department of Transportation</p>	<p>Sheet Totals:</p> <p>NWW Armor Impact: 8 L.F. (29 S.F.) NWW Morphologic: 77 L.F. (244 S.F.)</p>	<p>SHEET TITLE</p> <p>USACE IMPACT PLAN VIEW</p> <p>SCALE: 1" = 100'</p>	<p>PROJECT TITLE</p> <p>WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY</p> <p>08 /31/23 SHEET No.13 OF 14</p>
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I-385 BRIDGE PROFILE WOODRUFF PARALLEL ROAD EAST



- ⊙ OBSERVED WSE = 907.80 FT. ON 1/12/2022
- ⓑ W.S. ELEV. (50 YR.) = 914.41 FT.
- ⓒ W.S. ELEV. (100 YR.) = 914.86 FT.

APPROX. EXISTING
GROUNDLINE (-LONG B-SELINER)

HYDROLOGY D-T-

D- = 0.3 SQ. MI.
 DESIGN FLOOD: 2% (50-YE-R)
 Q (-EP-2%) = 821 CFS
 V (-EP-2%) = 8.0 FT./SEC.
 W.S. ELEV. (-EP-2%) = 914.41 FT.
 DESIGN FLOOD: 1% (100-YE-R)
 Q (-EP-1%) = 978 CFS
 V (-EP-1%) = 8.3 FT./SEC.
 W.S. ELEV. (-EP-1%) = 914.86 FT.

B-CKW-TER ELEV-TION UPSTRE-M OF BRIDGE:
 H.W. ELEV. (50 YR.) = 915.15 FT.
 (INCLUDING 0 FT. B-CKW-TER)
 H.W. ELEV. (100 YR.) = 915.66 FT.
 (INCLUDING 0 FT. B-CKW-TER)

STRUCTURE OVERTOPPING FLOOD:
 0.2% -EP (500-YR.) FLOW = 1,448 CFS
 OVERTOPPING FLOW = GRE-TER TH-N
 0.2% -EP (500-YR.) FLOW

LEGEND:

- = FILL IMPACT
- = NON-WETLAND WATER IMPACTS
- = NON-WETLAND WATER ARMOR IMPACT

APPLICANT		SHEET TITLE	PROJECT TITLE
 South Carolina Department of Transportation		CROSS SECTION AND PROFILE SHEET	WOODRUFF ROAD CONGESTION RELIEF PROJECT SCDOT #P028743 GREENVILLE COUNTY
		SCALE: H:1" = 40' V:1" = 10'	08 /31/23 SHEET No. 14 OF 14