



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, JACKSONVILLE DISTRICT
701 SAN MARCO BOULEVARD
JACKSONVILLE, FLORIDA 32207

August 5, 2025

Regulatory Division
North Permits Branch
Jacksonville Section
SAJ-2025-01270 (NWP-EBL)

Andrew Sears
225 North Pearl Street
Jacksonville, Florida 32202
Sent via email: searar@jea.com

Dear Andrew Sears:

The U.S. Army Corps of Engineers (Corps) has completed the review of your application for a Department of the Army permit received on May 1, 2025. Your application was assigned file number SAJ-2025-01270. A review of the information and drawings provided indicates that the proposed work would result in the discharge of 183.6 cubic yards of clean fill material permanently into 0.009 acres of palustrine emergent wetlands and 310.2 cubic yards of fill permanently into 0.017 acres of non-relatively permanent waters on site for the installation of a new utility line and associated manhole access points alongside Plummer Road. The applicant and contractors would adhere to best management practices (e.g., erosion controls, turbidity barriers, etc.). The activities subject to this permit are authorized pursuant to authorities under Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. § 403). The project is located from Plummer Road, in Section 3, 4, and 5, Township 1 South, Range 25 East, within Jacksonville, in Duval County, Florida. The approximate starting and ending coordinates of the project site are (Manhole #1) Latitude 30.440298°, Longitude -81.782112° and (Manhole #28) Latitude 30.41180°, Longitude -81.826596°, respectively. The approximate coordinates of the splice boxes and bore pits are in the table below:

Manhole	Latitude	Longitude
Manhole #1	30.440298°	-81.782112°
Manhole #2	30.440769°	-81.783424°
Manhole #3	30.441237°	-81.784715°
Manhole #4	30.441695°	-81.785923°
Manhole #5	30.442306°	-81.787118°

Manhole #6	30.442916°	-81.788292°
Manhole #7	30.443450°	-81.789531°
Manhole #8	30.443860°	-81.790827°
Manhole #9	30.444119°	-81.792159°
Manhole #10	30.444356°	-81.793444°
Manhole #11	30.444669°	-81.794828°
Manhole #12	30.444696°	-81.796210°
Manhole #13	30.444836°	-81.797572°
Manhole #14	30.444989°	-81.798934°
Manhole #15	30.445141°	-81.800349°
Manhole #16	30.445167°	-81.803027°
Manhole #17	30.444868°	-81.805772°
Manhole #18	30.444629°	-81.807069°
Manhole #19	30.443802°	-81.808226°
Manhole #20	30.442234°	-81.810033°
Manhole #21	30.442246°	-81.811387°
Manhole #22	30.441646°	-81.814018°
Manhole #23	30.441096°	-81.815241°
Manhole #24	30.440839°	-81.817967°
Manhole #25	30.440834°	-81.820743°
Manhole #26	30.440953°	-81.822120°
Manhole #27	30.441126°	-81.824312°
Manhole #28	30.441180°	-81.826596°

Your project, as depicted on the enclosed drawings, is authorized by Nationwide Permit (NWP) 58 (Utility Line Activities for Water and Other Substances). **This verification is valid until March 14, 2026.** In order for this NWP authorization to be valid, you must ensure that the work is performed in accordance with the Nationwide Permit General Conditions, the Jacksonville District Regional Conditions, and the General and Project-Specific Special Conditions listed below. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant NWP is modified or revoked, you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP. You can access the U.S. Army Corps of Engineers' (Corps) Jacksonville District's Regulatory Source Book webpage for links to view NWP information at: <https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>. Please be aware this Internet address is case sensitive and should be entered as it

appears above. Once there, you will need to select “Nationwide Permits.” Among other things, this part of the Source Book contains links to the federal register containing the text of the pertinent NWP authorization and the associated NWP general conditions, as well as separate links to the regional conditions applicable to the pertinent NWP verification.

You must comply with all of the special and general conditions for NWP-58, including any project-specific conditions included in this letter and all conditions incorporated by reference as described above.

General Conditions:

1. The time limit for completing the work authorized ends on **March 14, 2026**.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity, or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner on the attached transfer form (Attachment 2) and forward a copy to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit.
6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Project Specific Special Conditions:

The following project specific special conditions are included with this verification:

Special Condition 1: **Reporting Address:** The Permittee shall submit all reports, notifications, documentation, and correspondence required by the general and special conditions of this permit to either (not both) of the following addresses:

- a. For electronic mail (preferred): SAJ-RD-Enforcement@usace.army.mil (not to exceed 15 MB).
- b. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232-0019.

The Permittee shall reference this permit number, SAJ-2025-01270 (NWP-EBK), on all submittals.

Special Condition 2: **Posting of Permit:** The Permittee shall have available and maintain for review a copy of this permit and approved plans at the construction site.

Special Condition 3: **Self-Certification:** Within 60 days of completion of the work authorized by this permit, the Permittee shall complete the ENG Form 6285, "Certification of Compliance with Department of Army Permit" (located at https://www.publications.usace.army.mil/Portals/76/Eng_Form_6285_2024%20Dec%20FINAL.pdf) and submit it to the Corps.

Special Condition 4: **Cultural Resources/Historic Properties:**

- a. No structure or work shall adversely affect, impact, or disturb properties listed in the *National Register of Historic Places* (NRHP), or those eligible for inclusion in the NRHP.
- b. If, during the ground disturbing activities and construction work within the permit area, there are archaeological/cultural materials encountered which were not the subject of a previous cultural resources assessment survey (and which shall include, but not be limited to: pottery, modified shell, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with native cultures or early colonial settlement), the Permittee shall immediately stop all work and ground-disturbing activities within a 100-meter diameter of the discovery and notify the Corps at the addresses listed in the **Reporting Address Special Condition** within the same business day (8 hours). The Corps shall coordinate with the Florida State Historic Preservation Officer (SHPO) to assess the significance of the discovery and devise appropriate actions.
- c. Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries as referenced in accordance with the above Special Condition and, if deemed necessary by the SHPO or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based on the

circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend, or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO for finds under his or her jurisdiction, and from the Corps.

- d. In the unlikely event that unmarked human remains are identified on non-federal lands; they will be treated in accordance with Section 872.05 Florida Statutes. All work and ground disturbing activities within a 100-meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archaeologist within the same business day (8-hours). The Corps shall then notify the appropriate SHPO. Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend, or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the SHPO and from the Corps.

Special Condition 5: **Fill Material:** The Permittee shall use only clean fill material for this project. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils contaminated with any toxic substance in toxic amounts, in accordance with Section 307 of the Clean Water Act.

Special Condition 6: **Erosion Control:** Prior to the initiation of any work authorized by this permit, the Permittee shall install erosion control measures along the perimeter of all work areas to prevent the displacement of fill material outside the work area into waters of the United States. The erosion control measures shall remain in place and be maintained until all authorized work is completed and the work areas are stabilized.

Special Condition 7: **Wetland Avoidance Areas:** The acres of jurisdictional wetlands, as shown in Attachment 1, 3.171 acres were avoided in accordance with the Section 404(b)(1) guidelines and Public Interest Review. Any proposed discharge of dredged or fill material to these areas would require re-evaluation for the Department of Army authorization.

Special Condition 8: **Eastern Indigo Snake Protection Measures and Inspection:** Permittee shall comply with U.S. Fish and Wildlife Service's "Standard Protection Measures for the Eastern Indigo Snake" dated May 2024, as provided in Attachment 3 of this permit. All gopher tortoise burrows, active or inactive, shall be evacuated prior to site manipulation in the vicinity of the burrow. If excavating potentially occupied burrows, active or inactive, individuals must first obtain state authorization via a Florida Fish and Wildlife Conservation Commission (FWC) Authorized Gopher Tortoise Agent permit. The excavation method selected shall minimize the potential for injury of an indigo

snake. The Permittee shall follow the excavation guidance provided in the most current FWC Gopher Tortoise Permitting Guidelines found at <http://myfwc.com/gophertortoise>. If an indigo snake is encountered, the snake must be allowed to vacate the area prior to additional site manipulation in the vicinity. Holes, cavities, and snake refugia other than gopher tortoise burrows shall be inspected each morning before planned site manipulation of a particular area, and if occupied by an indigo snake, no work shall commence until the snake has vacated the vicinity of the proposed work.

This letter of authorization does not include conditions that would prevent the 'take' of a state-listed fish or wildlife species. These species are protected under sec. 379.411, Florida Statutes, and listed under Rule 68A-27, Florida Administrative Code. With regard to fish and wildlife species designated as species of special concern or threatened by the State of Florida, you are responsible for coordinating directly with the Florida Fish and Wildlife Conservation Commission (FWC). You can visit the FWC license and permitting webpage (<http://www.myfwc.com/license/wildlife/>) for more information, including a list of those fish and wildlife species designated as species of special concern or threatened. The Florida Natural Areas Inventory (<http://www.fnai.org/>) also maintains updated lists, by county, of documented occurrences of those species.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

This letter of authorization does not preclude the necessity to obtain any other Federal, State, or local permits which may be required.

Thank you for your cooperation with our permit program. The Corps' Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to complete our automated Customer Service Survey at <https://regulatory.ops.usace.army.mil/customer-service-survey/>. Please be aware this Internet address is case sensitive and you will need to enter it exactly as it appears above. Your input is appreciated – favorable or otherwise.

Should you have any questions related to this NWP verification or have issues accessing the documents referenced in this letter, please contact Brooke Keaton at the Jacksonville Permits Section at the address listed above, by telephone at 904-251-9191, or by email at Emily.B.Keaton@usace.army.mil.

Sincerely,

Brooke Keaton
Biologist, Jacksonville Permits Section

Enclosures

1. Drawings
2. Department of the Army Permit Transfer Request Form
3. Standard Protection Measures for the Eastern Indigo Snake

Cc:

Agent, Jon Summerfield, jsummerfield@bbch-llc.com

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

DA PERMIT NUMBER: SAJ-2025-01270 (NWP-EBK)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019 or submit via electronic mail to: SAJ-RD-Enforcement@usace.army.mil (not to exceed 15 MB).

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT)

(BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)



DISTRIBUTION ENGINEERING



OPN: _____ MWO: N/A OH MAP#: _____ SVC CENTER CA MODIFIED _

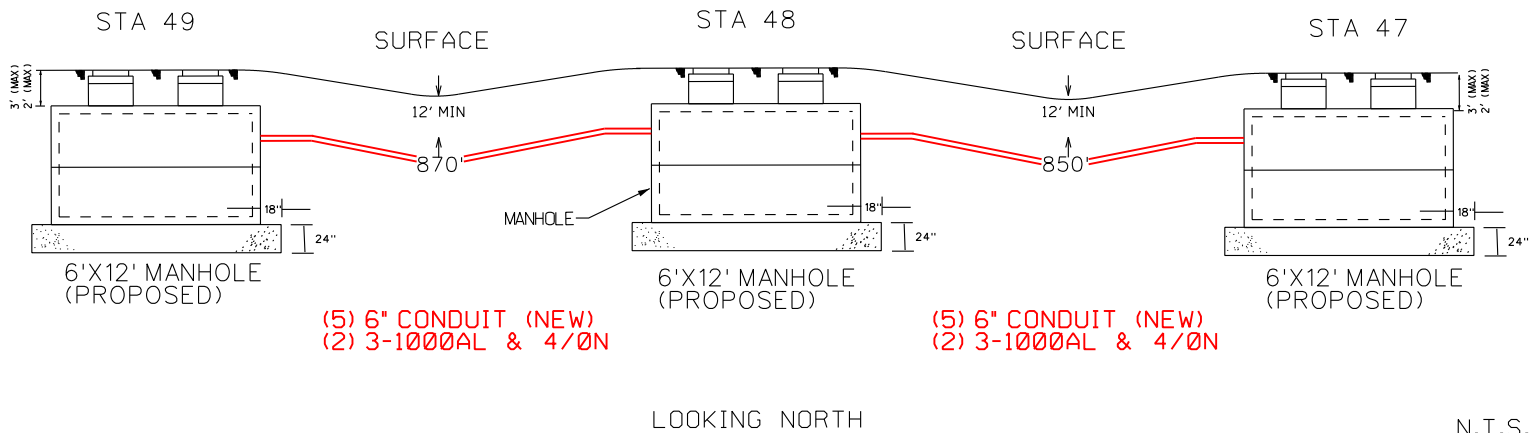
SUB-STA. DINSMORE CIR. NO. _____ EXIST. JEA UG NO TREE TRIMMING REQ'D N

CUSTOMER/
LOCATION _____ COPY TO UTILITIES N

These plans were prepared by a regular full-time employee of the UAO and are exempt from the signing and sealing requirements prescribed in Section 471 Florida Statutes.

WETLAND CROSSING (EAST OF
NORFOLK SOUTHERN RR TRACKS)

(5) 6" CONDUIT (NEW) - (2) 3-1000AL & 4/0N



ENGINEER: MICHAEL O'NEAL RADIO NO. N/A PHONE NO: 665-6518 DATE REL CONST: PENDING

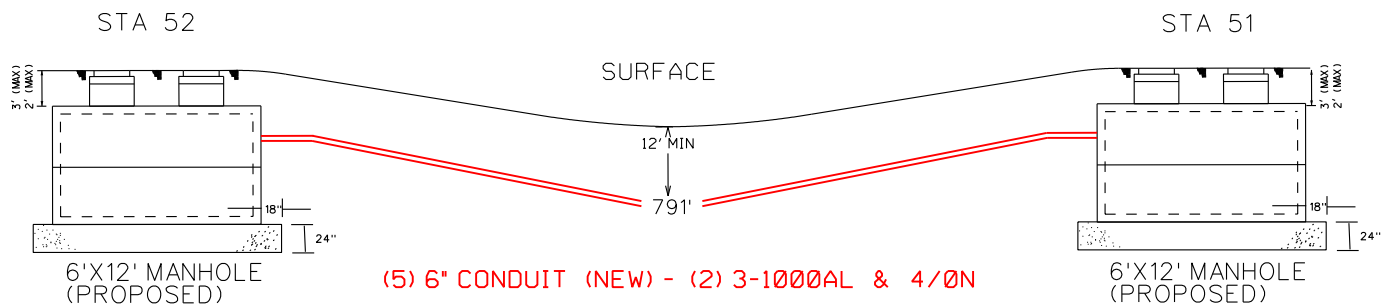
CONST. COMPLETED BY _____ DATE _____ AS-BUILT RECEIVED _____



OPN: _____ MWO: N/A OH MAP#: _____ SVC CENTER CA MODIFIED _
SUB-STA. DINSMORE CIR. NO. _____ EXIST. JEA UG NO TREE TRIMMING REQ'D N
CUSTOMER/
LOCATION _____ COPY TO UTILITIES N

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WETLAND CROSSING (EAST OF
FOREST TRAIL ENTRANCE)



LOOKING NORTH

N.T.S.

ENGINEER: MICHAEL O'NEAL RADIO NO. N/A PHONE NO: 665-6518 DATE REL CONST: PENDING
CONST. COMPLETED BY _____ DATE _____ AS-BUILT RECEIVED _____



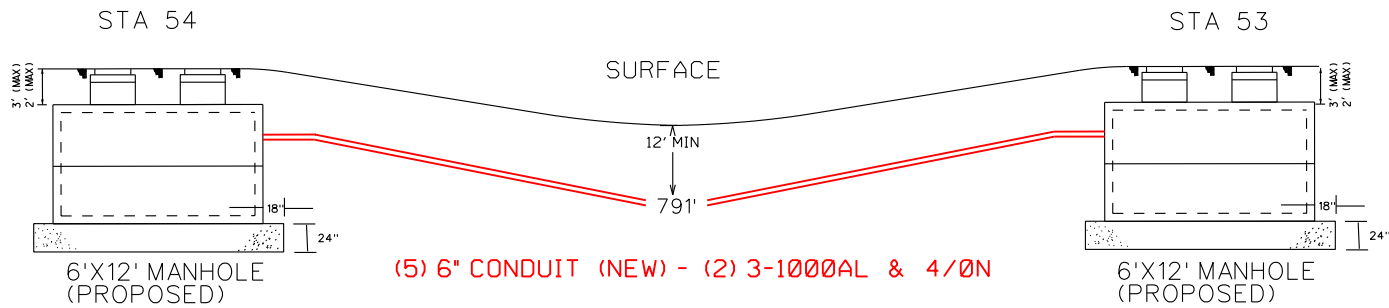
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CENTER CA _____ MODIFIED _____

SUB-STA. DINSMORE _____ CIR. NO. _____ EXIST. JEA UG NO _____ TREE TRIMMING REQ'D N _____

CUSTOMER/
LOCATION _____ COPY TO UTILITIES N _____

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WETLAND CROSSING (AT
FOREST TRAIL FORK)



LOOKING NORTH

N.T.S.

ENGINEER: MICHAEL O'NEAL _____ RADIO NO. N/A _____ PHONE NO: 665-6518 _____ DATE REL CONST: PENDING _____

CONST. COMPLETED BY _____ DATE _____ AS-BUILT RECEIVED _____



DISTRIBUTION ENGINEERING



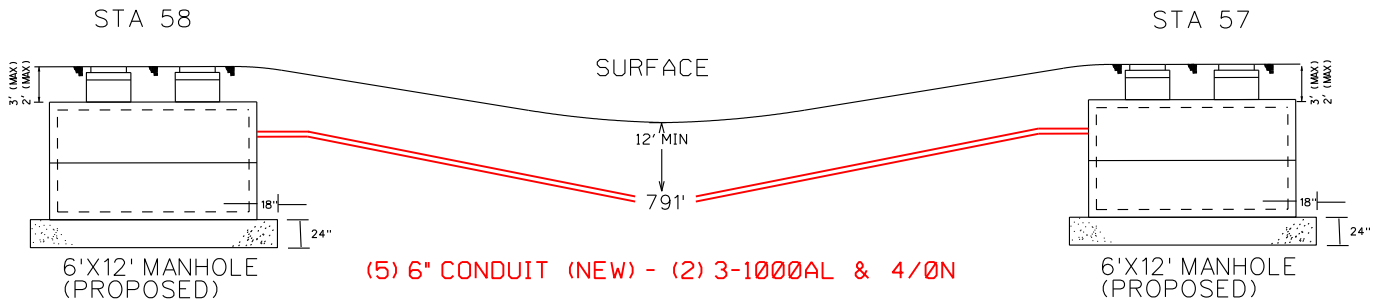
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CENTER CA MODIFIED _

SUB-STA. DINSMORE CIR. NO. _____ EXIST. JEA UG NO TREE TRIMMING REQ'D N

CUSTOMER/
LOCATION _____ COPY TO UTILITIES N

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WETLAND CROSSING
(ALONG FOREST TRAIL)



N.T.S.

ENGINEER: MICHAEL O'NEAL RADIO NO. N/A PHONE NO: 665-6518 DATE REL CONST: PENDING

CONST. COMPLETED BY _____ DATE _____ AS-BUILT RECEIVED _____



DISTRIBUTION ENGINEERING



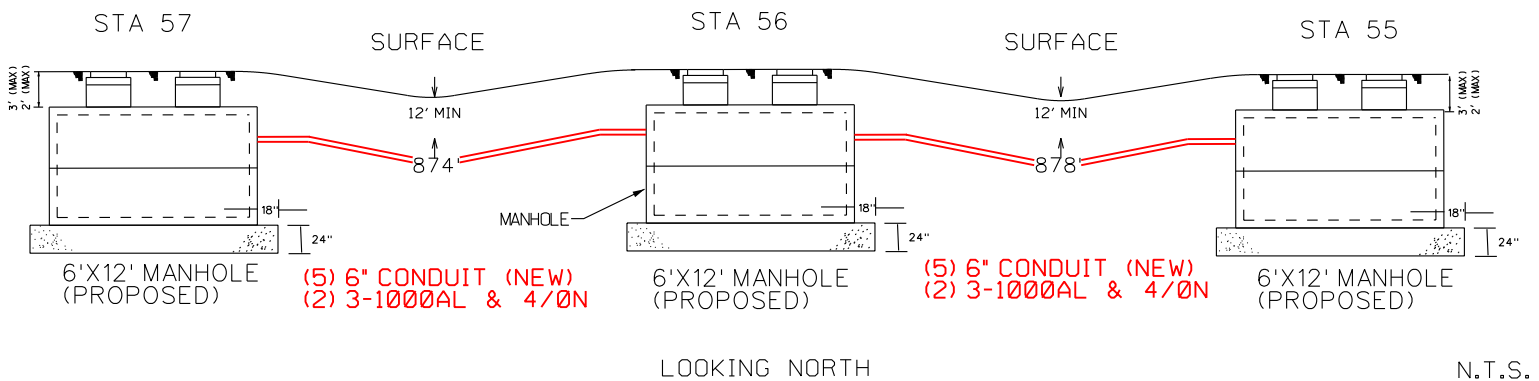
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CUSTOMER/
LOCATION _____ COPY TO UTILITIES N

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WETLAND CROSSING
(ALONG FOREST TRAIL)



ENGINEER: MICHAEL O'NEAL _____ RADIO NO. N/A _____ PHONE NO: 665-6518 _____ DATE REL CONST: PENDING

CONST. COMPLETED BY _____ DATE _____ AS-BUILT RECEIVED _____



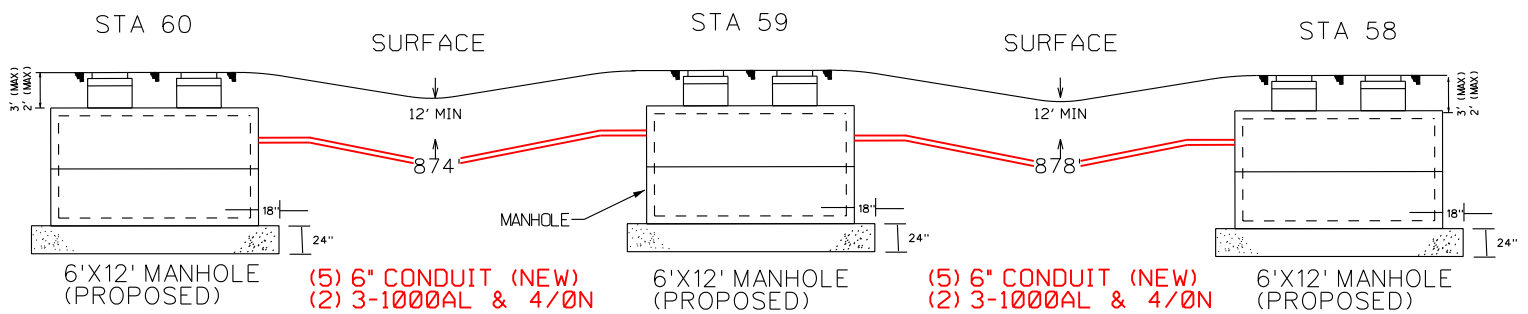
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SUB-STA. DINSMORE CIR. NO. _____ EXIST. JEA UG NO TREE TRIMMING REQ'D N
CUSTOMER/ LOCATION _____ COPY TO UTILITIES N

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WETLAND CROSSING
(ALONG FOREST TRAIL)



LOOKING NORTH

N.T.S.

ENGINEER: MICHAEL O'NEAL RADIO NO. N/A PHONE NO: 665-6518 DATE REL CONST: PENDING
CONST. COMPLETED BY _____ DATE _____ AS-BUILT RECEIVED _____

UNDERGROUND LEGEND

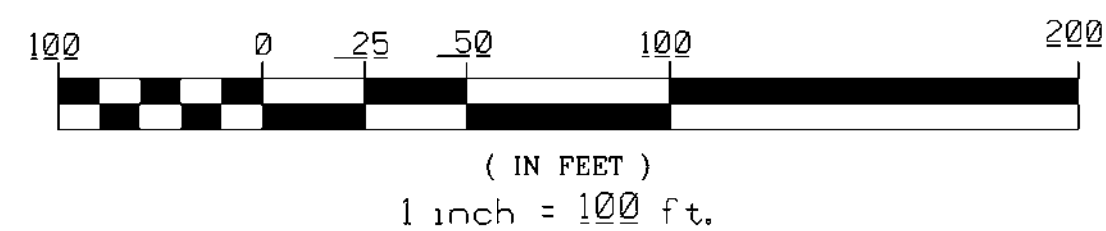
- SINGLE PHASE PADMOUNTED TRANSFORMER
▲ THREE PHASE PADMOUNTED TRANSFORMER
△ TWO PHASE PADMOUNTED TRANSFORMER - OPEN DELTA
□ "F" FUSE CABINET
□ "S" SWITCH CABINET
□ "FF" OR "SF" FAULT FILTER CABINET
□ LIGHTNING ARRESTER CABINET
C UNDERGROUND RISER, SECONDARY OR PRIMARY
— FUSE - SIZE AND TYPE AS INDICATED
— NEW PRIMARY CONDUIT AS INDICATED
— EXISTING DIRECT BURIED PRIMARY
— EXISTING PRIMARY CONDUIT
— NEW SECONDARY CONDUIT AS INDICATED
— EXISTING SECONDARY CONDUIT
□ STREET LIGHT
□ AREA LIGHT
□ EQUIPMENT ADDRESS
□ STATION NUMBER
□ EXISTING CONCRETE CABLE RISER POLE
○ EXISTING WOOD CABLE RISER POLE
□ SECONDARY HAND HOLE OR PULL BOX
□ SECONDARY SERVICE PEDESTAL
○ NORMALLY OPEN POINT
▲ NEW ELECTRONIC MARKER
▲ EXISTING ELECTRONIC MARKER
□ PVC MANHOLE
□ 4' x 6' CONCRETE MANHOLE
□ 6' x 12' CONCRETE MANHOLE

OVERHEAD LEGEND

- NEW PRIMARY
— EXISTING PRIMARY
— NEW SECONDARY
— EXISTING SECONDARY
○ SPAN GUY
● NEW WOOD POLE-SIZE AND CLASS AS INDICATED
○ EXISTING WOOD POLE
■ NEW WOOD POLE WITH LIGHT-SIZE AND CLASS AS INDICATED
■ NEW CONCRETE POLE-SIZE AND CLASS AS INDICATED
□ EXISTING CONCRETE POLE
X NEW CONCRETE POLE WITH LIGHT-SIZE AND CLASS AS INDICATED
X REMOVE POLE
— DOWN GUY
H HANG OR INSTALL
E EXISTING
R REMOVE
○ CIRCUT NUMBER
□ STATION OR POLE NUMBER
□ TRANSFORMER NUMBER
▽ 25KV TRANSFORMER-SIZE AND PHASE AS INDICATED
▽ 25KV TRANSFORMER BANK-SIZE AND PHASE AS INDICATED
◇ 13.2KV TRANSFORMER-SIZE AND PHASE AS INDICATED
◇ 13.2KV TRANSFORMER BANK-SIZE AND PHASE AS INDICATED
● 4KV TRANSFORMER-SIZE AND PHASE AS INDICATED
● 4KV TRANSFORMER BANK-SIZE AND PHASE AS INDICATED
○ REGULATED OUTPUT-STREET LIGHT TRANSFORMER
— RECLOSER-TYPE AND NUMBER AS INDICATED
— SECTIONALIZER-NUMBER AS INDICATED
— CAPACITOR-NUMBER AS INDICATED
— VOLTAGE REGULATOR
— SWITCH-OPEN-TYPE AND NUMBER AS INDICATED
— SWITCH-CLOSE-TYPE AND NUMBER AS INDICATED
— FUSE-SIZE AND TYPE AS INDICATED
— NEW SERVICE DROP-SIZE AND TYPE AS INDICATED
— EXISTING SERVICE DROP-SIZE AND TYPE AS INDICATED
— UNDERGROUND SERVICE-OVERHEAD SOURCE
— LIGHTNING ARRESTER
— STREET LIGHT-TYPE AS INDICATED

NOTES:

1. PERFORM EXPLORATORY DIGS ON EACH SIDE OF DITCH AT EACH MARKED MH LOCATION TO RULE OUT UTILITY CONFLICTS ALONG PLUMMER RD.



SUBSTATION/CIRCUIT		ENGINEER/PROJECT MANAGER		AS - BUILT ELECTRIC UTILITY CONDUIT SYSTEM		ENGINEERING RECORD		DRAWING NO. : ump0294	
SUBSTATION NAME DINSMORE		ENGINEER : MICHAEL O'NEAL		DATE COMPANY NAME ADDRESS		BY DATE		OPN :	
CIRCUIT NUMBER/S 423, 424		PHONE : (904) 665-6518		PHONE NO.		DESIGNED : MDO		MWO :	
SWITCH MAP NUMBER/S 57		CELL : (904)		1 I HEREBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS.		CHECKED :		SHEET NO.	
PRIMARY VOLTAGE 26KV		EMAIL : oneamd@jea.com		AUTHORIZED NAME AUTHORIZED SIGNATURE CONTRACTOR'S LICENSE No.		APPROVED :		2 OF 7	
		EMAIL :		JEA CONTRACT ADMIN.		APPROVED FOR CONSTRUCTION			

JEA
BUILDING COMMUNITY

225 N. PEARL ST.
JACKSONVILLE, FLORIDA 32202-3139

DINSMORE SOLAR FEEDERS

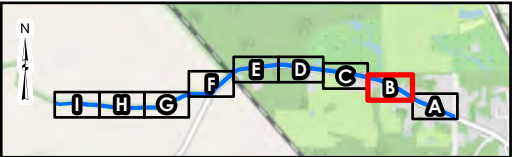
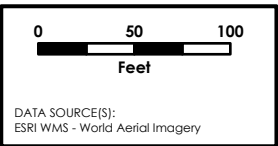
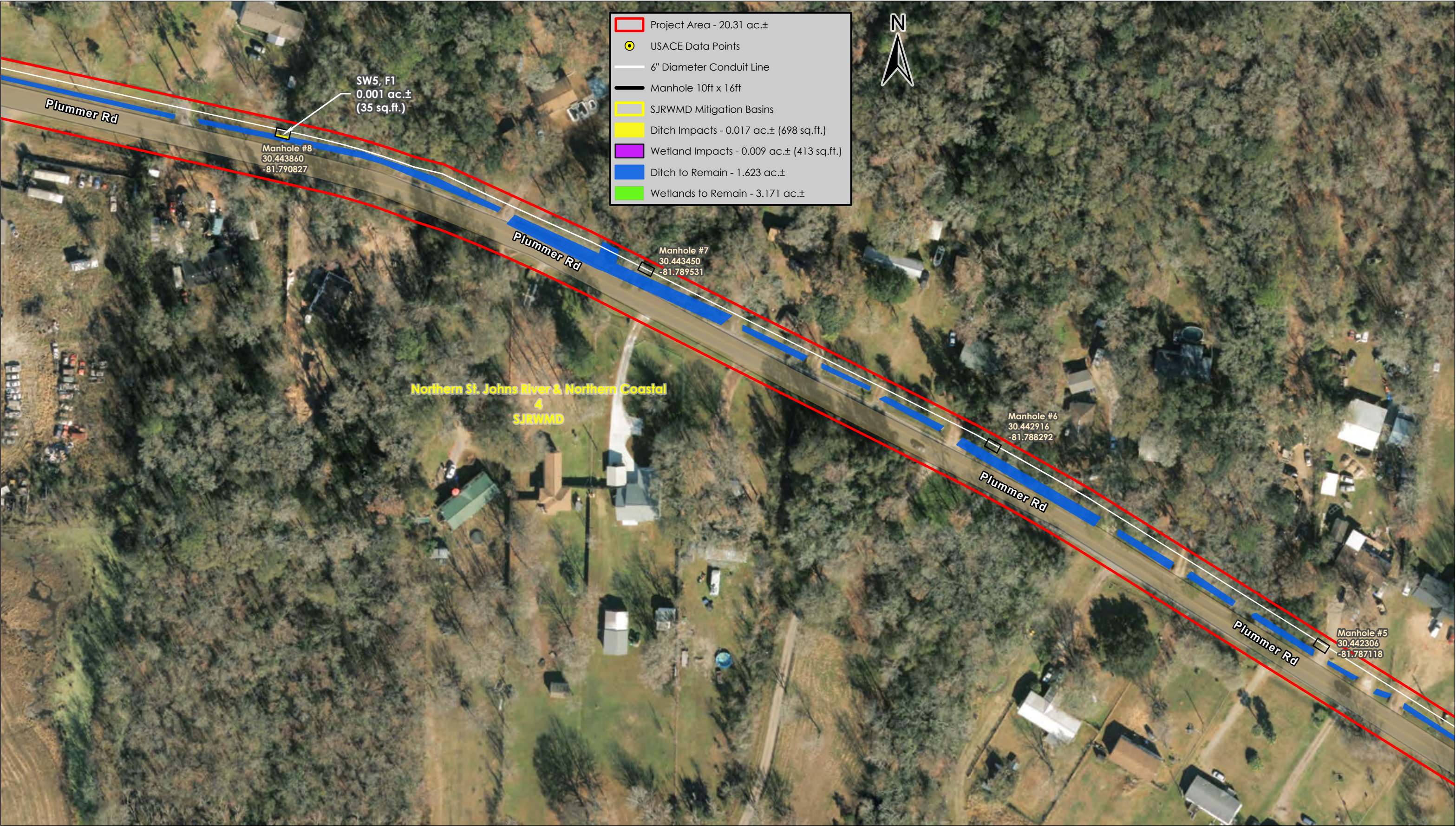
CKTS 423, 424 - PHASE 2



 **SES Environmental Resource Solutions LLC**

3550 St. Johns Bluff Rd S • Jacksonville, FL 32224
(904) 285-1397 • www.bbch-llc.com

<div>Wetland and Surface Water Impacts</div> <div>Plummer Road Utility Improvements</div> <div>Jacksonville, Duval County, Florida</div>	Project No.: 111.24.0177.0141	
	Drawn By: DF	EXHIBIT NUMBER 6A
	Reviewed By: MS	
	Approved By: JDS	
	Date: Jul 2025	



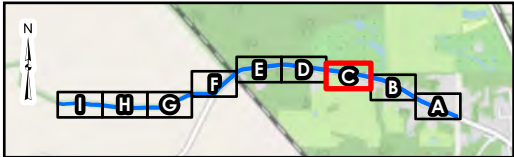
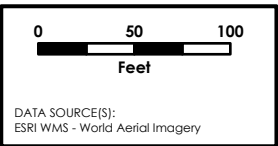
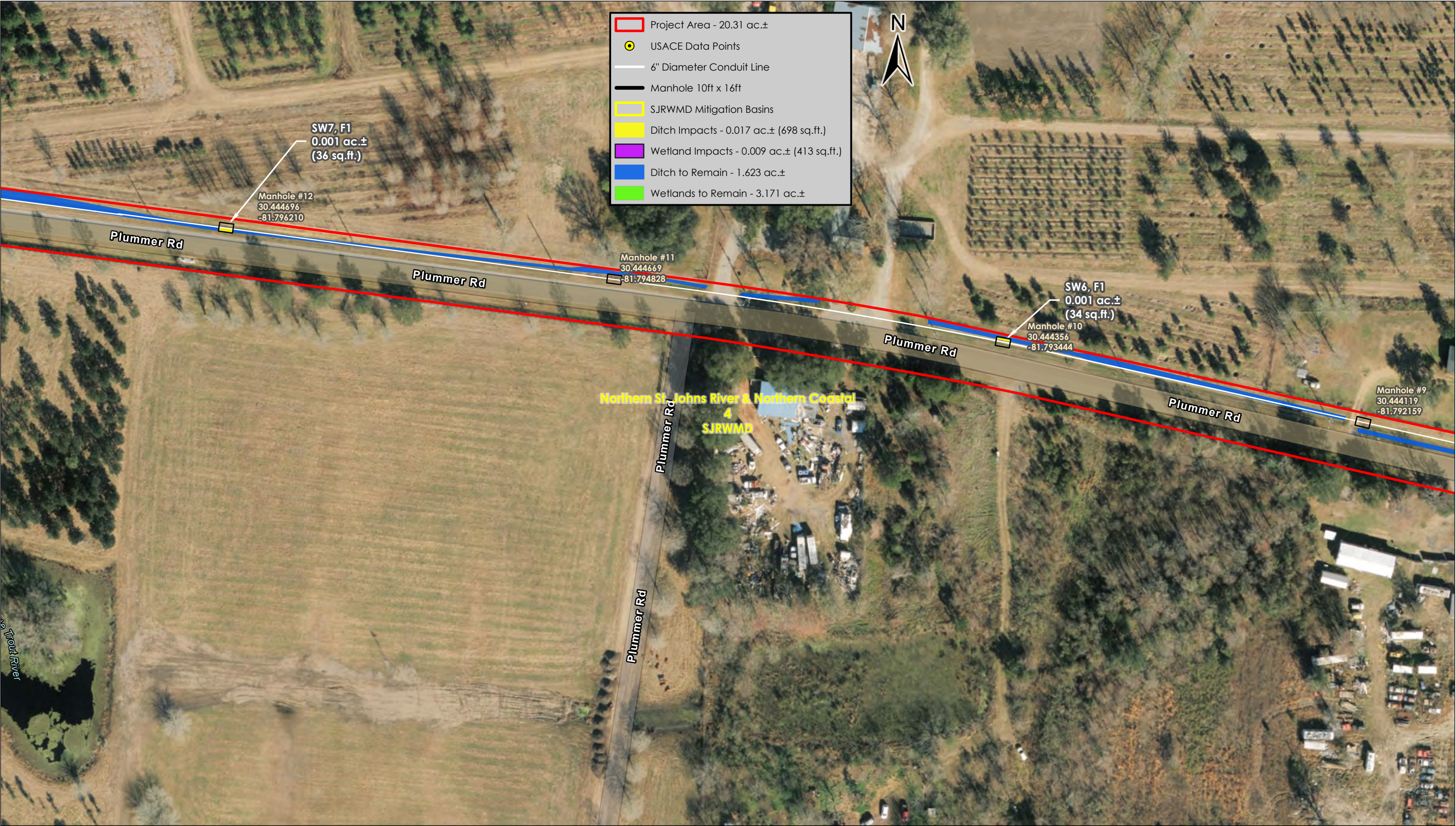
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Resource Solutions LLC**

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(904) 285-1397 • www.bbch-llc.com

Wetland and Surface Water Impacts

Plummer Road Utility Improvements
Jacksonville, Duval County, Florida

Project No.:	111.24.0177.0141	EXHIBIT NUMBER 6B
Drawn By:	DF	
Reviewed By:	MS	
Approved By:	JDS	
Date:	Jul 2025	





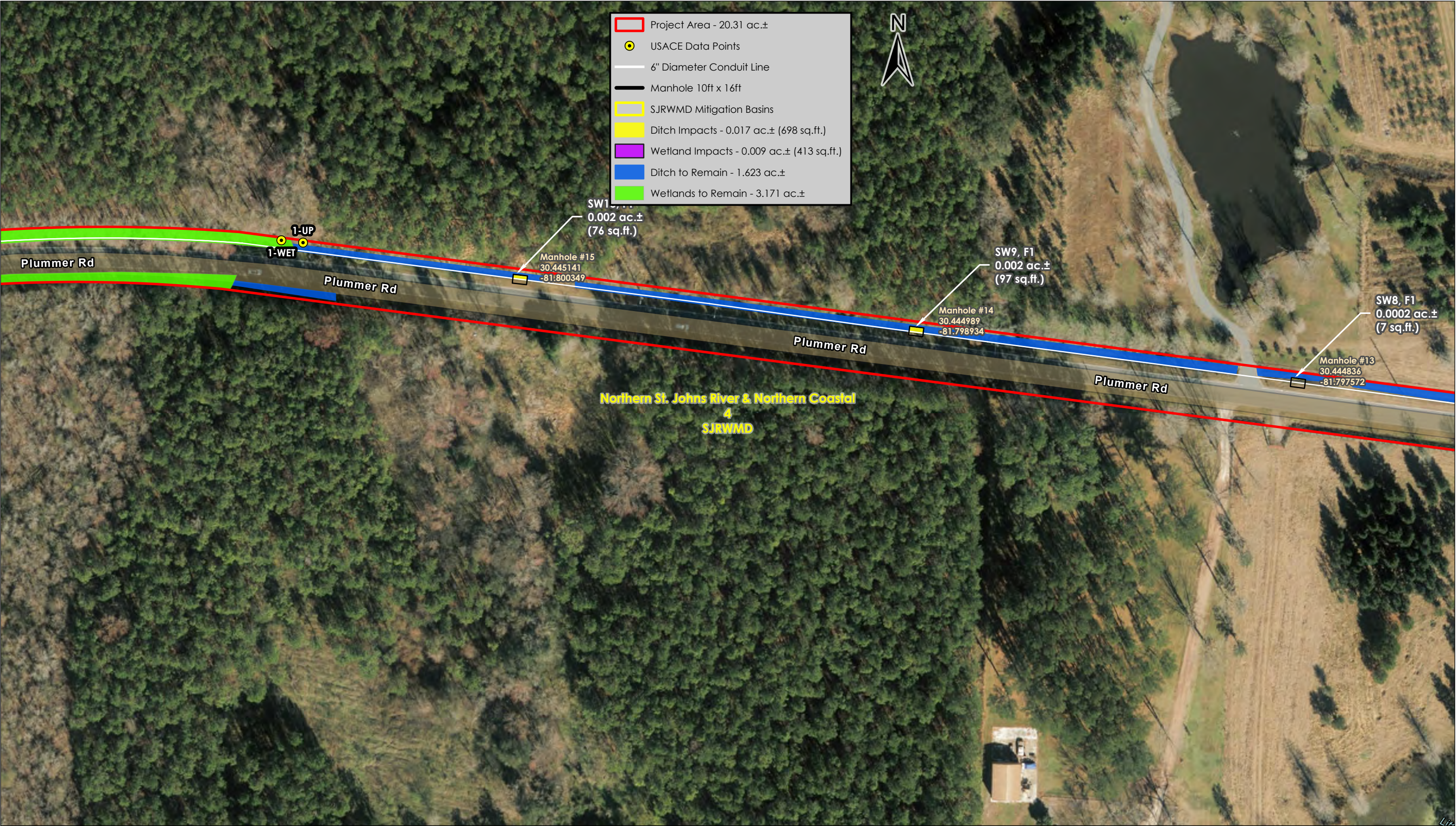
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Resource Solutions LLC**

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(904) 285-1397 • www.bbch-llc.com

Wetland and Surface Water Impacts

Plummer Road Utility Improvements
Jacksonville, Duval County, Florida

Project No.:	111.24.0177.0141	EXHIBIT NUMBER 6C
Drawn By:	DF	
Reviewed By:	MS	
Approved By:	JDS	
Date:	Jul 2025	

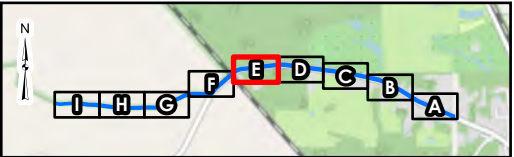
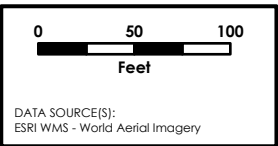
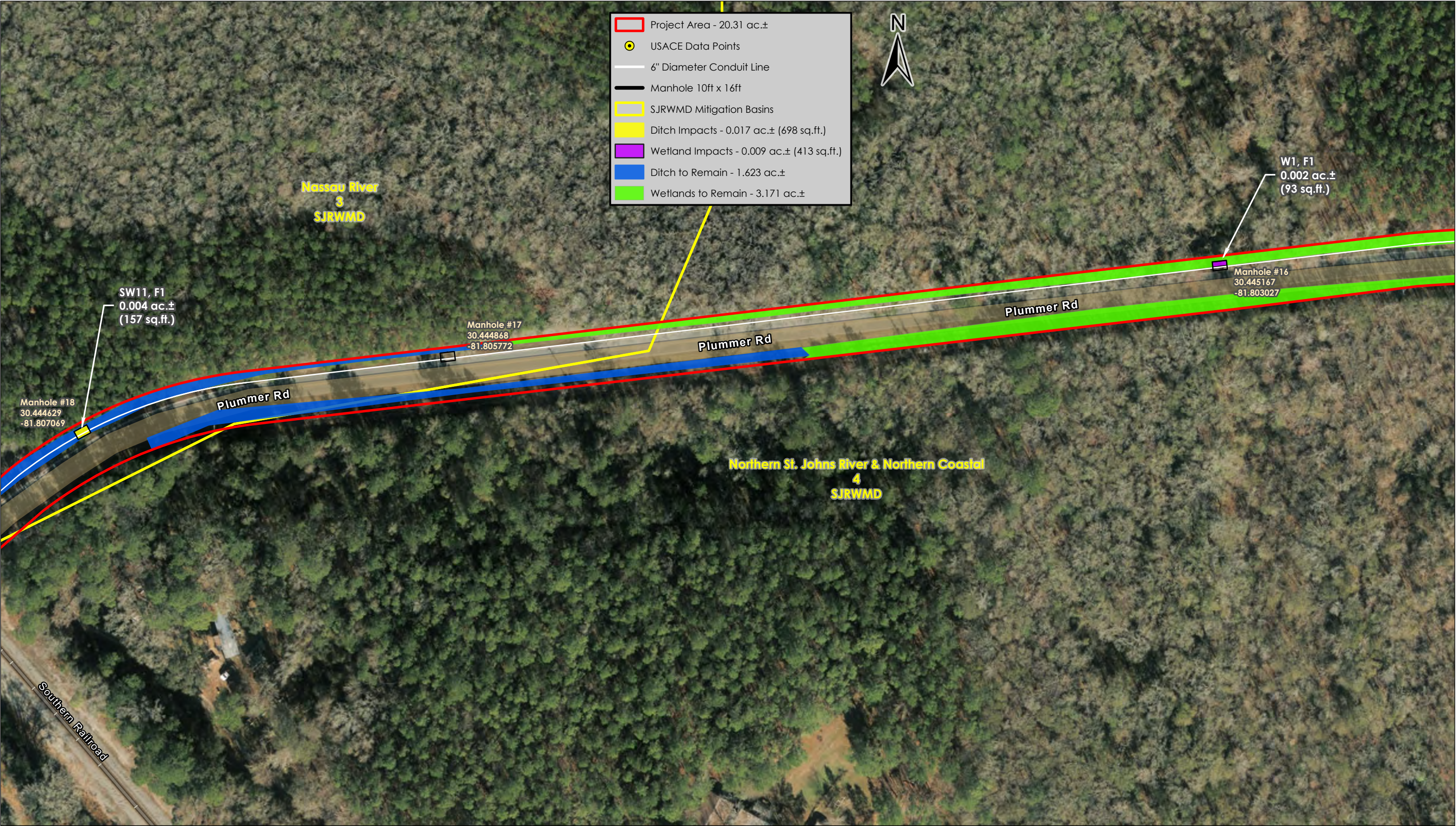




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Wetland and Surface Water Impacts			Project No.: 111.24.0177.0141
			Drawn By: DF
			Reviewed By: MS
			Approved By: JDS
			Date: Jul 2025
Plummer Road Utility Improvements Jacksonville, Duval County, Florida			EXHIBIT NUMBER 6D



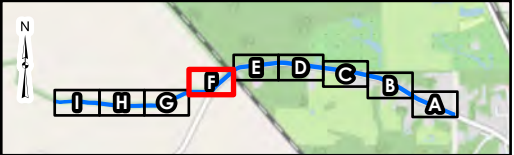
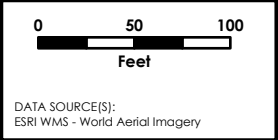
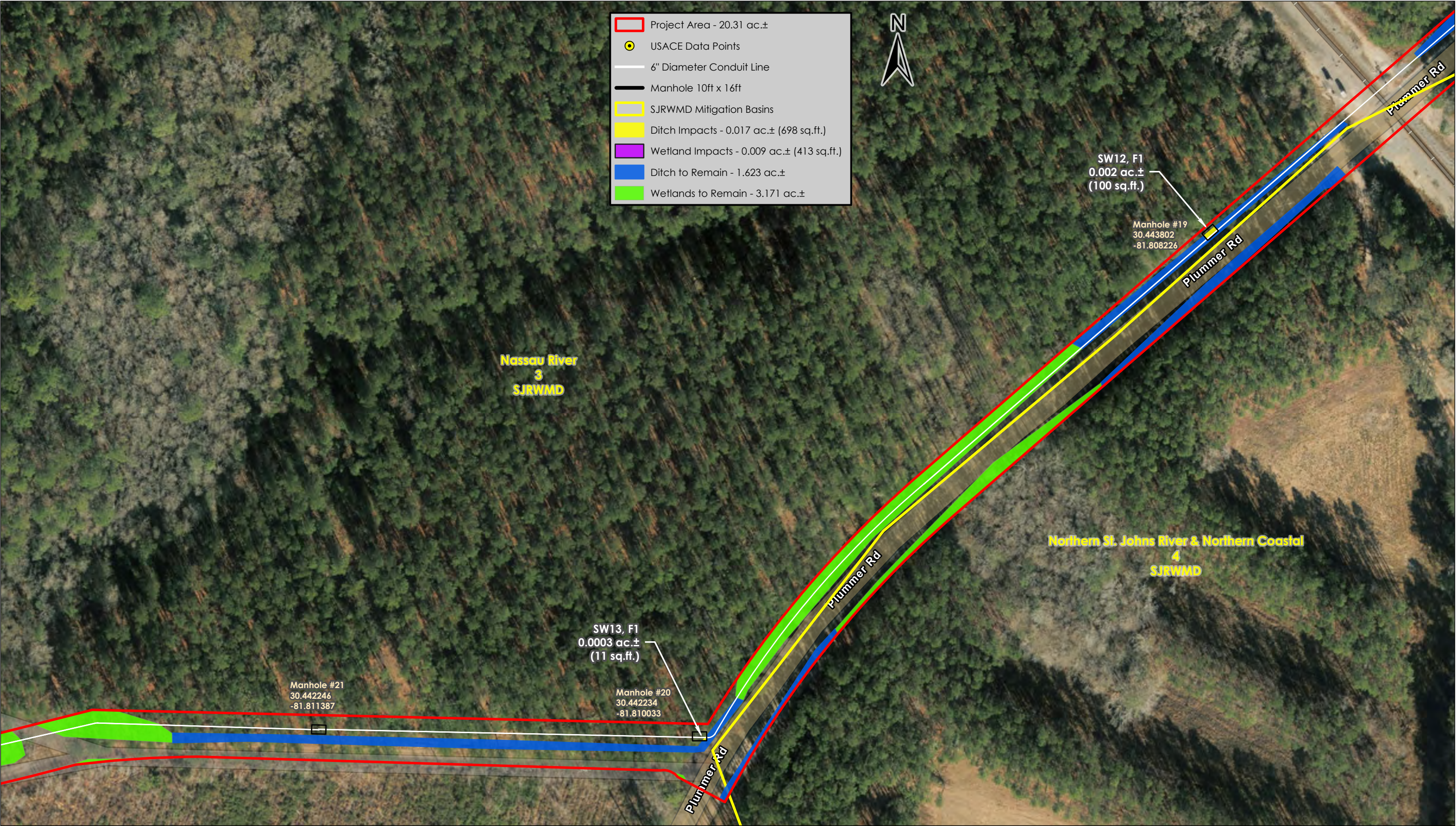
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Wetland and Surface Water Impacts

Plummer Road Utility Improvements
Jacksonville, Duval County, Florida

Project No.:	111.24.0177.0141	EXHIBIT NUMBER 6E
Drawn By:	DF	
Reviewed By:	MS	
Approved By:	JDS	
Date:	Jul 2025	





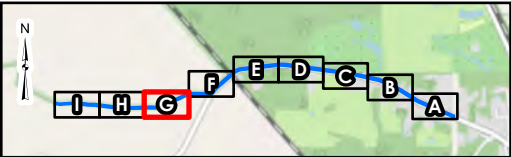
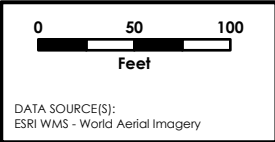
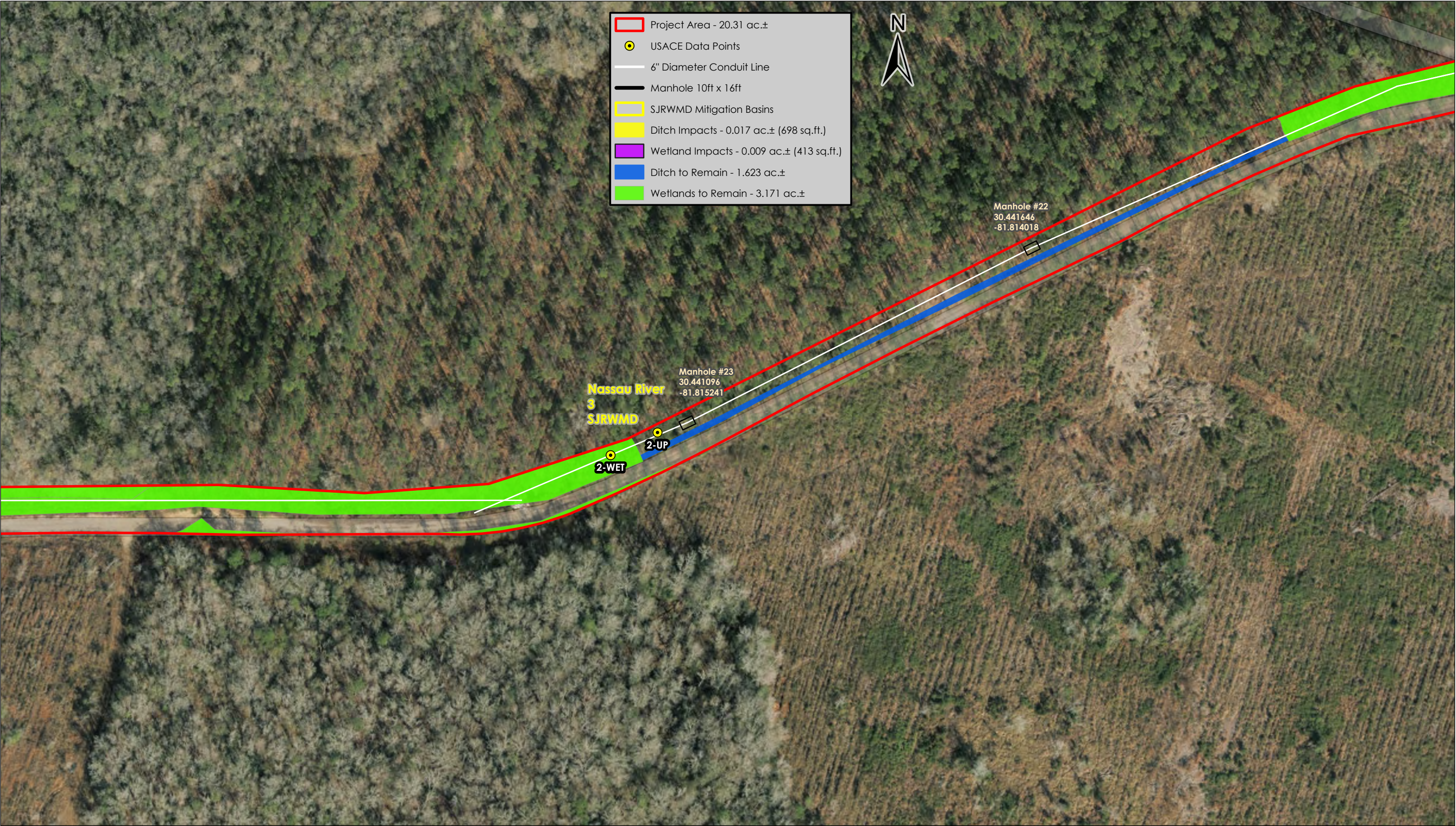
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Wetland and Surface Water Impacts

Plummer Road Utility Improvements
Jacksonville, Duval County, Florida

Project No.:	111.24.0177.0141	EXHIBIT NUMBER 6F
Drawn By:	DF	
Reviewed By:	MS	
Approved By:	JDS	
Date:	Jul 2025	

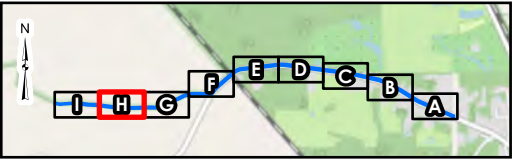
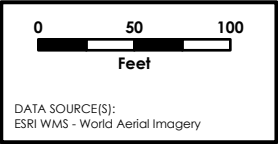
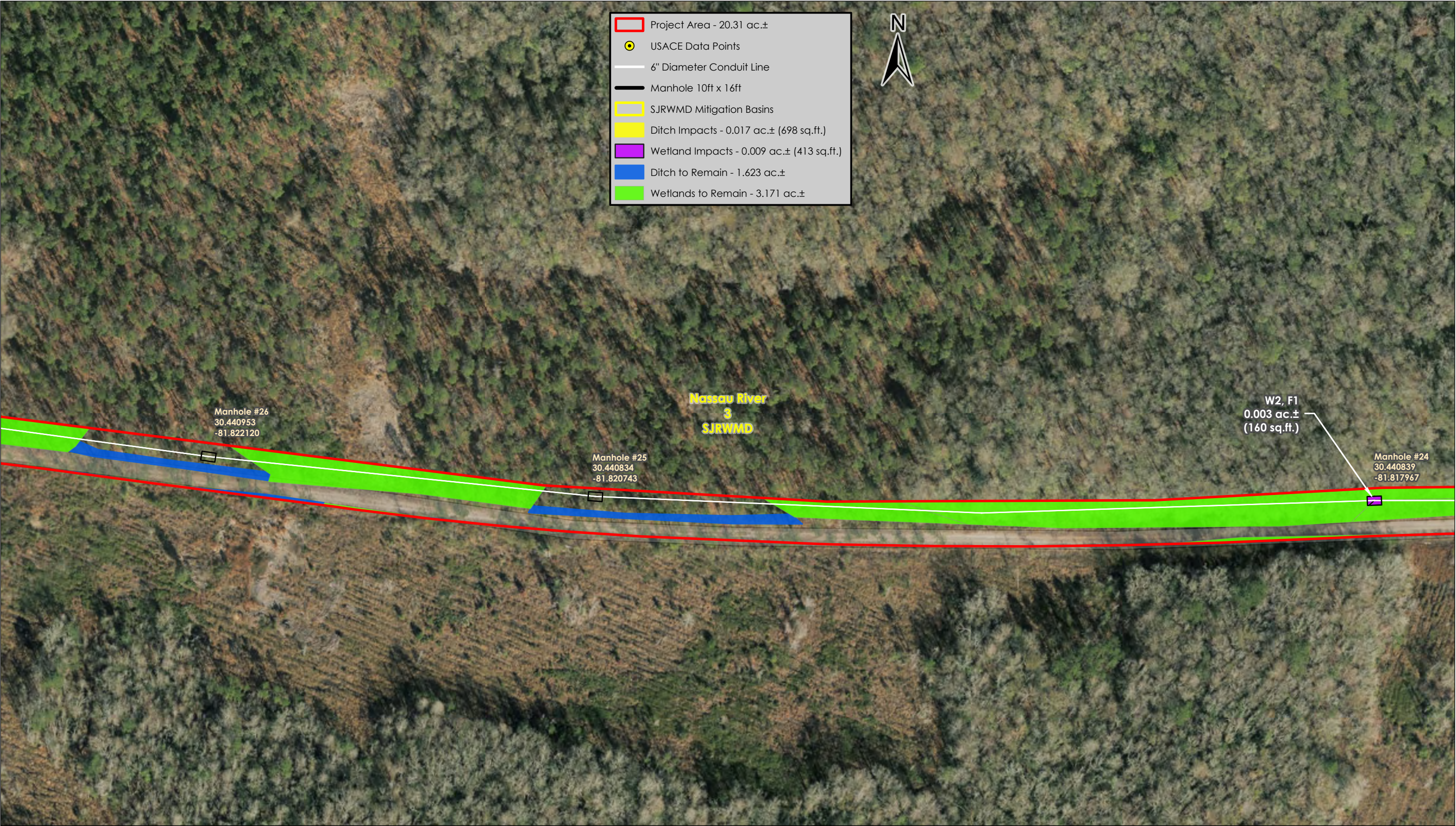




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Wetland and Surface Water Impacts			Project No.: 111.24.0177.0141
			Drawn By: DF
			Reviewed By: MS
			Approved By: JDS
			Date: Jul 2025
			EXHIBIT NUMBER 6G





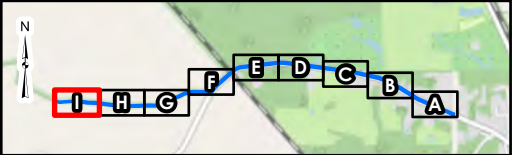
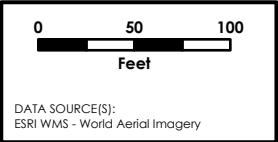
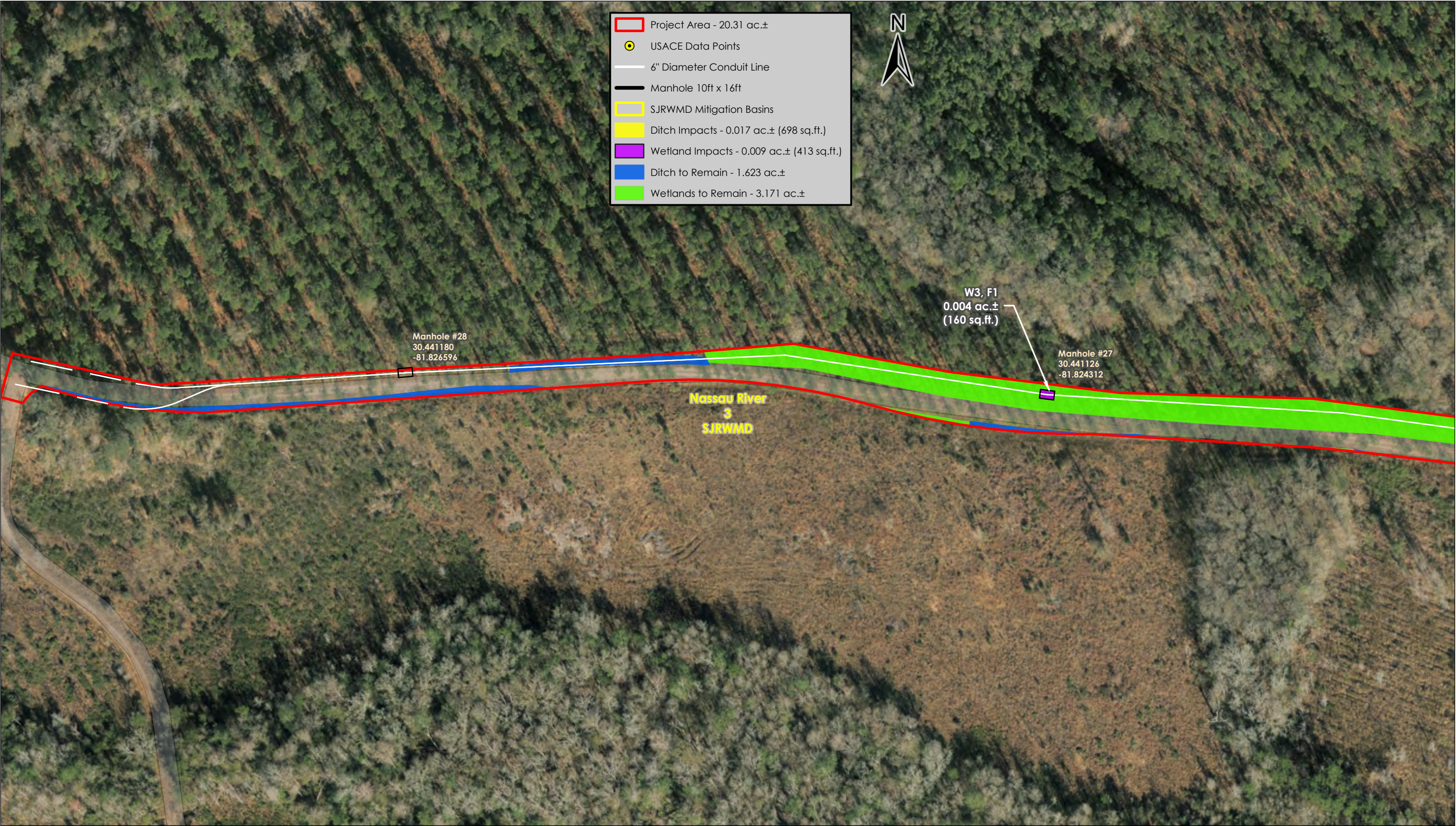
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Wetland and Surface Water Impacts

Plummer Road Utility Improvements
Jacksonville, Duval County, Florida

Project No.:	111.24.0177.0141	
Drawn By:	DF	EXHIBIT NUMBER 6H
Reviewed By:	MS	
Approved By:	JDS	
Date:	Jul 2025	





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<div>Wetland and Surface Water Impacts</div> <div>Plummer Road Utility Improvements</div> <div>Jacksonville, Duval County, Florida</div>	Project No.: 111.24.0177.0141	
	Drawn By: DF	EXHIBIT NUMBER 61
	Reviewed By: MS	
	Approved By: JDS	
	Date: Jul 2025	

STANDARD PROTECTION MEASURES FOR THE EASTERN INDIGO SNAKE

U.S. Fish and Wildlife Service

May 2024

The Standard Protection Measures for the Eastern Indigo Snake (Plan) below has been developed by the U.S. Fish and Wildlife Service (USFWS) in Florida and Georgia for use by project proponents and their construction personnel help minimize adverse impacts to eastern indigo snakes. However, implementation of this Plan does not replace any state or federal consultation or regulatory requirements. At least 30 days prior to any land disturbance activities, the project proponent shall notify the appropriate USFWS Field Office (see Field Office contact information) via e-mail that the Plan will be implemented as described below.

As long as the signatory of the e-mail certifies compliance with the below Plan (including use of the approved poster and pamphlet ([USFWS Eastern Indigo Snake Conservation webpage](#))), no further written confirmation or approval from the USFWS is needed regarding use of this Plan as a component of the project.

If the project proponent decides to use an eastern indigo snake protection/education plan other than the approved Plan below, written confirmation or approval from the USFWS that the plan is adequate must be obtained. The project proponent shall submit their unique plan for review and approval. The USFWS will respond via e-mail, typically within 30 days of receiving the plan, either concurring that the plan is adequate or requesting additional information. A concurrence e-mail from the appropriate USFWS Field Office will fulfill approval requirements.

STANDARD PROTECTION MEASURES

BEFORE AND DURING CONSTRUCTION ACTIVITIES:

- All Project personnel shall be notified about the potential presence and appearance of the federally protected eastern indigo snake (*Drymarchon couperi*).
- All personnel shall be advised that there are civil and criminal penalties for harassing, harming, pursuing, hunting, shooting, wounding, killing, capturing, or collecting the species, in knowing violation of the Endangered Species Act of 1973.
- The project proponent or designated agent will post educational posters in the construction office and throughout the construction site. The posters must be clearly visible to all construction staff and shall be posted in a conspicuous location in the

Project field office until such time that Project construction has been completed and time charges have stopped.

- Prior to the onset of construction activities, the project proponent or designated agent will conduct a meeting with all construction staff (annually for multi-year projects) to discuss identification of the snake, its protected status, what to do if a snake is observed within the project area, and applicable penalties that may be imposed if state and/or federal regulations are violated. An educational pamphlet including color photographs of the snake will be given to each staff member in attendance and additional copies will be provided to the construction superintendent to make available in the onsite construction office. Photos of eastern indigo snakes may be accessed on USFWS, Florida Fish and Wildlife Conservation Commission and/or Georgia Department of Natural Resources websites.
- Each day, prior to the commencement of maintenance or construction activities, the Contractor shall perform a thorough inspection for the species of all worksite equipment.
- If an eastern indigo snake (alive, dead or skin shed) is observed on the project site during construction activities, all such activities are to cease until the established procedures are implemented according to the Plan, which includes notification of the appropriate USFWS Office. The contact information for the USFWS is provided below and on the referenced posters and pamphlets.
- During initial site clearing activities, an onsite observer is recommended to determine whether habitat conditions suggest a reasonable probability of an eastern indigo snake sighting (example: discovery of snake sheds, tracks, lots of refugia and cavities present in the area of clearing activities, and presence of gopher tortoises and burrows).
- Periodically during construction activities, the project area should be visited to observe the condition of the posters and Plan materials and replace them as needed. Construction personnel should be reminded of the instructions (above) as to what is expected if any eastern indigo snakes are seen.
- For erosion control use biodegradable, 100% natural fiber, net-free rolled erosion control blankets to avoid wildlife entanglement.

POST CONSTRUCTION ACTIVITIES:

Whether or not eastern indigo snakes are observed during construction activities, a monitoring report should be submitted to the appropriate USFWS Field Office within 60 days of project completion (See USFWS Field Office Contact Information).

USFWS FIELD OFFICE CONTACT INFORMATION

Georgia Field Office: Phone: (706) 613-9493, email: gaes_assistance@fws.gov
Florida Field Office: Phone: (352) 448-9151, email: fw4flesregs@fws.gov

POSTER & PAMPHLET INFORMATION

Posters with the following information shall be placed at strategic locations on the construction site and along any proposed access roads (final posters for Plan compliance are available on our website in English and Spanish and should be printed on 11 x 17in or larger paper and laminated ([USFWS Eastern Indigo Snake Conservation webpage](#))). Pamphlets are also available on our webpage and should be printed on 8.5 x 11in paper and folded, and available and distributed to staff working on the site.

POSTER CONTENT (ENGLISH):

ATTENTION

Federally-Threatened Eastern Indigo Snakes may be present on this site!

Killing, harming, or harassing eastern indigo snakes is strictly prohibited and punishable under State and Federal Law.

IF YOU SEE A LIVE EASTERN INDIGO SNAKE ON THE SITE:

- Stop land disturbing activities and allow the snake time to move away from the site without interference. Do NOT attempt to touch or handle the snake.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Immediately notify supervisor/agent, and a U.S. Fish and Wildlife Service (USFWS) Ecological Services Field Office, with the location information and condition of the snake.
- If the snake is located near clearing or construction activities that will cause harm to the snake, the activities must pause until a representative of the USFWS returns the call (within one day) with further guidance.

IF YOU SEE A DEAD EASTERN INDIGO SNAKE ON THE SITE:

- Stop land disturbing activities and immediately notify supervisor/applicant, and a USFWS Ecological Services Field Office, with the location information and condition of the snake.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Thoroughly soak the dead snake in water and then freeze the specimen. The appropriate wildlife agency will retrieve the dead snake.

DESCRIPTION: The eastern indigo snake is one of the largest non-venomous snakes in North America, reaching up to 8 ft long. Named for the glossy, blue-black scales above and slate blue below, they often have orange to reddish color (cream color in some cases)

in the throat area. They are not typically aggressive.

SIMILAR SPECIES: The black racer resembles the eastern indigo snake. However, black racers have a white or cream chin, and thinner bodies.

LIFE HISTORY: Eastern indigo snakes live in a variety of terrestrial habitat types. Although they prefer uplands, they also use wetlands and agricultural areas. They will shelter inside gopher tortoise burrows, other animal burrows, stumps, roots, and debris piles. Females may lay from 4 to 12 white eggs as early as April through June, with young hatching in late July through October.

PROTECTED STATUS: The eastern indigo snake is protected by the USFWS, Florida Fish and Wildlife Conservation Commission, and Georgia Department of Natural Resources. Any attempt to kill, harm, harass, pursue, hunt, shoot, wound, trap, capture, collect, or engage eastern indigo snakes is prohibited by the U.S. Endangered Species Act. Penalties include a maximum fine of \$25,000 for civil violations and up to \$50,000 and/or imprisonment for criminal offenses. Only authorized individuals with a permit (or an Incidental Take Statement associated with a USFWS Biological Opinion) may handle an eastern indigo snake.

Please contact your nearest USFWS Ecological Services Field Office if a live or dead eastern indigo snake is encountered:

Florida Office: (352) 448-9151

Georgia Office: (706) 613-9493

POSTER CONTENT (SPANISH):

ATENCIÓN

¡Especie amenazada, la culebra Índigo del Este, puede ocupar el área!

Matar, herir o hostigar culebras Índigo del Este es estrictamente prohibido bajo la Ley Federal.

SI VES UNA CULEBRA ÍNDIGO DEL ESTE O UNA CULEBRA NEGRA VIVA EN EL ÁREA:

- Pare excavación y permite el movimiento de la culebra fuera del área sin interferir. NO atentes tocar o recoger la culebra.
- Fotografié la culebra si es posible para identificación y documentación.
- Notifique supervisor/agente, y la Oficina de Campo de Servicios Ecológicos del Servicio Federal de Pesca y Vida Silvestre (USFWS) apropiada con información acerca del sitio y condición de la culebra.

- Si la culebra está cerca de un área de construcción que le pueda causar daño, las actividades deben parar hasta un representante del USFWS regrese la llamada (dentro de un día) con más orientación.

SI VES UNA CULEBRA ÍNDIGO DEL ESTE MUERTA EN EL ÁREA:

- Pare excavación. Notifique supervisor/aplicante, y la Oficina de Campo de Servicios Ecológicos apropiada con información acerca del sitio y condición de la culebra.
- Fotografié la culebra si es posible para identificación y documentación.
- EmERGE completamente la culebra en agua y congele la especie hasta que personal apropiado de la agencia de vida silvestre la recoja.

DESCRIPCIÓN. La culebra Índigo del Este es una de las serpientes sin veneno más grande en Norte América, alcanzando hasta 8 pies de largo. Su nombre proviene del color azul-negro brillante de sus escamas, pero pueden tener un color anaranjado-rojizo (color crema en algunos casos) en su mandíbula inferior. No tienden a ser agresivas.

SERPIENTES PARECIDAS. La corredora negra, que es de color negro sólido, es la única otra serpiente que se asemeja a la Índigo del Este. La corredora negra se diferencia por una mandíbula inferior color blanca o crema y un cuerpo más delgado.

HÁBITATS Y ECOLOGÍA. La culebra Índigo del Este vive en una variedad de hábitats, incluyendo tierras secas, humedales, y áreas de agricultura. Ellas buscan refugio en agujeros o huecos de tierra, en especial madrigueras de tortugas de tierra. Las hembras ponen 4 hasta 12 huevos blancos entre abril y junio, y la cría emergen entre julio y octubre.

PROTECCIÓN LEGAL. La culebra Índigo del Este es clasificada como especie amenazada por el USFWS, la Comisión de Conservación de Pesca y Vida Silvestre de Florida y el Departamento de Recursos Naturales de Georgia. Intento de matar, hostigar, herir, lastimar, perseguir, cazar, disparar, capturar, coleccionar o conducta parecida hacia las culebras Índigo del Este es prohibido por la Ley Federal de Especies en Peligro de Extinción. Penalidades incluyen un máximo de \$25,000 por violaciones civiles y \$50,000 y/o encarcelamiento por actos criminales. Solos individuales autorizados con un permiso o Determinación de toma incidental (Incidental Take Statement) asociado con una Opinión Biológico del USFWS pueden recoger una Índigo del Este.

Por favor de contactar tu Oficina de Campo de Servicios Ecológicos más cercana si encuentras una culebra Índigo del Este viva o muerta:

Oficina de Florida: (352) 448-9151

Oficina de Georgia: (706) 613-9493