

# Fulton Cut Project Timeline

## August 2024

Meeting with HWSO (Harbor Waterways Special District)

**08/01/2024: Burns and McDonnell began cost opinion**

08/16/2024: Real Estate confirms availability southern bank

08/23/2024: Conductor Proposal Submitted by Quanta

08/28/2024: JEA/Burns and McDonnell conductor proposal review

08/30/2024: Jax Port approval of conductor proposal

09/03/2024: Conductor PO issued

10/01/2024: Pyramax Tower and Steel monopole Proposal Submitted by Quanta

10/11/2024: JEA/Burns McDonnell Pyramax Tower and Steel monopole review

10/18/2024: Jax Port approval of Pyramax Tower and Steel monopole

10/22/2024: Pyramax Tower PO issued

**10/25/2024: Burns and McDonnell cost opinion due of 30% and Plan**

## October 2024



## November 2024

**11/01/2024: GMP issued to JEA by Quanta**

11/04/2024: JEA/Burns and McDonnell GMP review/negotiation

11/04/2024: JEA bidding transmission hardware



## June 2025

03/07/2025: Issue NTP for Construction

**06/18/2025: Quanta Mobilization/on-site construction**



## January 2025

01/21/2025: JEA bids/award transmission hardware

**01/28/2025: JEA Board Meeting - Approve GMP and Award to Quanta**

01/30/2025: Issue PO based on agreed to GMP.



*Substantial Completion*

**12/18/2026**

# Fulton Cut Project Land Easement

Harbor Waterways Special District



# JEA Fulton Cut Alternatives Analysis



## Project Approach

The construction means and methods are dictated or driven by project constraints which can greatly affect cost and risk. Therefore, an alternative analysis study was performed to evaluate differing construction approaches to mitigate various constraints.

- Electrical Load Constraints
  - The project is to replace primary transmission circuits on JEA grid.
  - Outages will need to be minimized or mitigated to reduce load impacts on JEA grid and neighboring systems.
  - Outage requirements greatly affect tower building and access cost.
- Physical Access Constraints
  - Blount Island (North End) is constrained by JaxPort and TWIC clearance
  - Wetlands and open water cover the entire north bank of this project
  - Shallow water on both the north and south ends encumber river access
  - South end constrained by dense residential neighborhood.
  - Multiple energized high-voltage circuits combined with restrict airspace





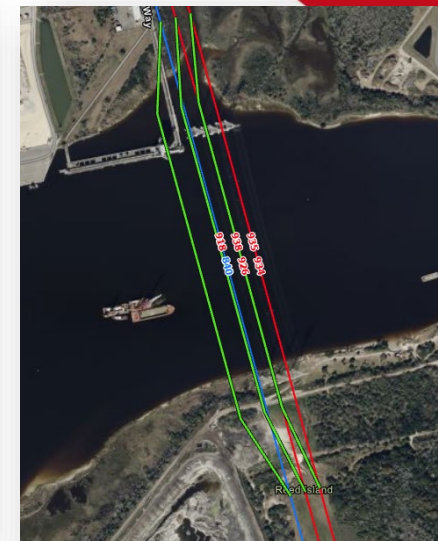
## Alternatives Considered

- **Option 1:** Traditional – The original option presented to JEA. A traditional construction approach using cranes to set structures to minimize outages.
- **Option 2:** Temp Line – Construct a temporary line with two Pyramax structures on the west side of circuits 840/918. This approach frees up the existing lines allowing for construction with a helicopter.
- **Option 3:** Megastructure – Construct a mega-PyraMax Tower at new positions 70 and 71 to handle four circuits. Use the top two circuits as a temp line to free up the existing lines allowing for construction with a helicopter.
- **Option 4:** Underground – Build the river crossing via horizontal directional drill using XLPE high voltage cable. Install underground overhead transition structures on the north and south banks. Remove existing conductor with wire pulling equipment, and existing structures with a helicopter.
- **Option 5 (New):** Westernmost – Shift the line to the west of the existing line and build structures on land. Like the Temp Line, this approach frees up existing lines allowing for construction with a helicopter. This is the most cost effective approach.



## Option 1: Traditional

- Construction approach is based on constraints provided in the original job scope
- Due to outage requirements, we were not able to safely use helicopters to facilitate construction of Pyramax towers
- This approach utilizes 2x 900-ton cranes to erect Pyramax structures
- This approach minimizes outages to 30 days per 2 circuits
- Temporary access requires engineered Emtek solution on the north bank and in wetland areas on the south bank
- The traditional approach is the costliest option considered



Description	Traditional
Eng. & PM	\$ 4,500,000
Environmental	\$ 500,000
Real Estate	
Structures	\$ 16,000,000
Material	\$ 2,000,000
Access	\$ 61,147,412
Foundation	\$ 21,368,824
T-Line	\$ 39,995,128
Aviation	\$ 4,455,372
Removal	\$ 20,000,000
Subtotal	<b>\$169,966,736</b>
Contingency	\$ 20,396,008 15%
Total	<b>\$190,362,744</b>



## Alternative 2: Temporary Line

- Develop a construction approach that allows for helicopter construction of the Pyramax towers
- This approach offsets the costs associated with cranes and access in the traditional approach
- Helicopter construction requires clear ingress and egress to construction zones
- The temp line allows us to relocate load from circuits 926/938 to create the free and clear construction zone
- Once the middle circuits have been constructed, temporary structures will be reused for Str. 15 and 14
- We have considered different foundation types and structure types for the temporary line

Description	Temp. Line
Eng. & PM	\$ 5,000,000
Environmental	\$ 500,000
Real Estate	
Structures	\$ 17,000,000
Material	\$ 3,000,000
Access	\$ 30,942,615
Foundation	\$ 31,117,451
T-Line	\$ 25,736,602
Aviation	\$ 6,483,044
Removal	\$ 4,541,753
Subtotal	\$ 124,321,465
Contingency	\$ 18,648,220
	15%
Total	\$142,969,685





## Alternative 3: Megastructure

- Construct a mega-PyraMax Tower at new positions 70 and 71 to handle four circuits. Use the top two circuits as a temp line to free up the existing lines allowing for construction with a helicopter.
- Circuits 918 / 840 will be installed in the top position of the mega-structure, and the temporary line will be in the underbuilt position.
- After the remaining circuits are built, circuits 918 / 840 will be installed in the bottom position and the top of the mega-structure will be removed, creating a traditional Pyramax structure.
- Temporary configurations will be installed with 1590 ACSR conductor



Description	Mega-structure
Eng. & PM	\$ 5,000,000
Environmental	\$ 500,000
Real Estate	
Structures	\$ 18,000,000
Material	\$ 3,000,000
Access	\$ 30,942,615
Foundation	\$ 24,440,000
T-Line	\$ 30,736,602
Aviation	\$ 6,342,217
Removal	\$ 4,541,723
<b>Subtotal</b>	<b>\$ 123,503,156</b>
<b>Contingency</b>	\$ 22,230,568 18%
<b>Total</b>	<b>\$145,733,724</b>



## Alternative 4: Underground

- Build the river crossing via horizontal directional drill using XLPE high voltage cable.
- Install underground overhead transition structures on the north and south banks.
- Remove existing conductor with wire pulling equipment, and existing structures with a helicopter.
- Due to power requirements, this approach requires 2 cables per phase for each circuit using 4000 kcmil copper cable.
- Leadtime for materials has been estimated at 45 weeks.
- Aviation and t-line crews will still be required to wreck out the old structures.
- This approach will greatly encumber the JEA parcel on Blount Island

Description	Underground
Eng. & PM	\$ 3,500,000.00
Environmental	\$ 500,000.00
Real Estate	
Structures	\$ 3,000,000.00
Material	\$ 48,376,884.00
Access	\$ 60,144,530.00
Foundation	\$ 7,122,941.22
T-Line	\$ 10,568,200.00
Aviation	\$ 1,098,100.85
Removal	\$ 4,541,723.25
<b>Subtotal</b>	<b>\$ 138,852,379.32</b>
Contingency	\$ 20,827,856.90 15%
<b>Total</b>	<b>\$159,680,236</b>



# Alternative 5: Westernmost (New)

- This approach is to construct all the lines to the west of the existing lines allowing for helicopter construction and limiting access requirements.
- This approach greatly reduces the cost of construction by removing the primary cost drivers of access, cranes, and barges.
- All foundations will be built first, followed by tower erection, and wire stringing operations
- Tower climbers will be utilized for both installation of the Pyramax towers and wreck-out of the old lattice towers
- Circuits will be cut-in one at a time to minimize outages on the whole system.
- This approach assumes that we will be able to utilize the neighborhood on the south end for concrete, equipment, matting, personnel, and monopole structure delivery.
- This estimate assumes that we will be able to dispose of spoils on site.

Description	Westernmost
Eng. & PM	\$4,000,000
Environmental	\$500,000
Real Estate	
Structures	\$15,000,000
Material	\$2,000,000
Access	\$21,500,000
Foundation	\$21,000,000
T-Line	\$21,000,000
Aviation	\$4,455,372
Removal	\$4,541,723
<b>Subtotal</b>	<b>\$93,997,095</b>
Contingency	\$11,279,651 12%
<b>Total</b>	<b>\$105,276,747</b>



**LEGEND**

- PROPOSED FOUNDATION
- PROPOSED STEEL POLE
- PROPOSED PYRAMAX TOWER
- ⊗ EXISTING LATTICE TOWER
- ENERGIZED CONDUCTOR
- DE-ENERGIZED CONDUCTOR
- COND. UNDER CONSTRUCTION
- ↘ PULLING ROPE
- ⬇ PULLING ROPE ANCHOR

**OUTAGE DURATIONS:**  
No outage required.

**GENERAL NOTES:**  
1. Drawing is not to scale.



# Outages

Option	Outage Requirements
Traditional	30-day outages, 2 circuits per outage.
Temp Line	180-day outage on 2 circuits, 7-day outage per circuit.
Mega Structure	180-day outage on 2 circuits, multiple 7-day outage for relocation, multiple 7-day outages for cut-overs
Underground	30-days outages per circuit
Westernmost	30-days per circuit, additional 2-day daily outage





# Cost Comparison

Description	Worley (OH)	Power (UG)	Traditional	Temp. Line	Mega-structure	Underground	Westernmost (New)
Eng. & PM	\$2,110,658	\$1,614,000	\$4,500,000	\$5,000,000	\$5,000,000	\$3,500,000	\$4,000,000
Environmental	\$447,000	\$ -	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Real Estate	\$200,000	\$ -					
Structures	\$18,275,056	\$1,200,000	\$16,000,000	\$17,000,000	\$18,000,000	\$3,000,000	\$15,000,000
Material	\$1,323,483	\$20,837,700	\$2,000,000	\$3,000,000	\$3,000,000	\$48,376,884	\$2,000,000
Access	\$200,000	\$50,144,530	\$61,147,412	\$30,942,615	\$30,942,615	\$60,144,530	\$21,500,000
Foundation	\$8,990,730	\$480,000	\$21,368,824	\$31,117,451	\$24,440,000	\$7,122,941	\$21,000,000
T-Line	\$11,887,021	\$8,472,200	\$39,995,128	\$25,736,602	\$30,736,602	\$10,568,200	\$21,000,000
Aviation			\$4,455,372	\$6,483,044	\$6,342,217	\$1,098,101	\$4,455,372
Removal		\$1,500,000	\$20,000,000	\$4,541,753	\$4,541,723	\$4,541,723	\$4,541,723
<b>Subtotal</b>	<b>\$43,433,948</b>	<b>\$84,248,430</b>	<b>\$169,966,736</b>	<b>\$124,321,465</b>	<b>\$123,503,156</b>	<b>\$138,852,379</b>	<b>\$93,997,095</b>
Contingency	\$1,273,804	\$12,637,265	\$20,396,008	\$18,648,220	\$22,230,568	\$20,827,857	\$11,279,651
	3%	15%	12%	15%	18%	15%	12%
<b>Total</b>	<b>\$44,707,752</b>	<b>\$96,885,695</b>	<b>\$190,362,744</b>	<b>\$142,969,685</b>	<b>\$145,733,724</b>	<b>\$159,680,236</b>	<b>\$105,276,747</b>
<b>Outage Requirements (Per Circuit)</b>			30 – Day Outage 2 Circuits per Outage	180 –Day Outage on 2 Circuits 7-Day Outage Per Circuit	180-Day Outage on 2 Circuits Multiple 7-Day Outage For Relocation Multiple 7-Day Outages for Cut-Overs	30-Day Outage Per Circuit	30 Days per Circuit Additional 2-Day Daily Outage
<b>Risk</b>			Low	Medium	High	Medium	Low
<b>Estimated In-Service Date</b>			March 2027	May 2027	March 2027	January 2027	December 2026



## Overall Project Assumptions and Clarifications

- The provided pricing is budgetary, and price will be revised accordingly once the project schedule, foundation design, structure design, foundation specifications, soil borings, and environmental restraints are fully understood.
- This estimate assumes that Quanta will have access to the south bank via the neighborhood and the t-line corridor on the north bank. This access will be used for all construction activities including; concrete, equipment, matting, material, personnel, and monopole delivery.
- All the options proposed assume a 6-day work week, 10 hours per day.
- Westernmost option proposed eliminates all barge work from the project scope.

The background features a large red triangle on the left side, a black triangle on the right side, and a dark gray topographic map pattern in the upper right quadrant. The text 'Thank You' is centered in the red area.

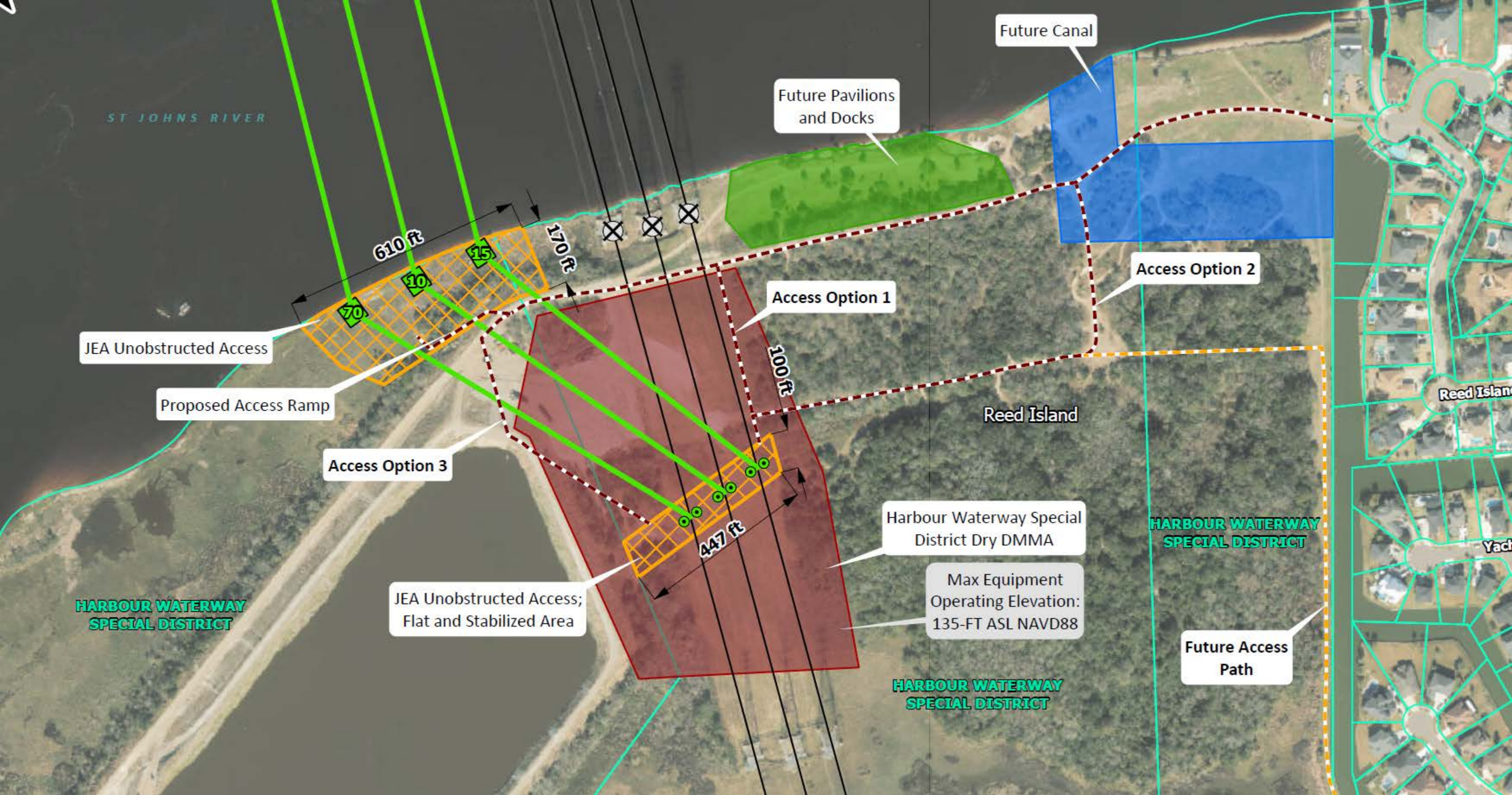
# Thank You

# Assumptions – Worley vs QISG / Pickett



Category	Worley Estimate	QISG Estimate	Analysis
Construction Crew	16 – man construction crew consisting of (1) General Foreman, (1) Foreman, (6) Linemen, (4) Apprentices, (2) Groundmen, (2) Operators	Due to the complexity of this project, 5 operating units will be utilized to complete the scope: Irby (Transmission), Cassidy (Foundation), Legend (Foundation), MG Dyess (Access), and Quanta Aviation.	A 16-man transmission crew is standard for most transmission line applications. Due to the complexity of this project, specialized companies will be required to complete the scope.
Foundations	Includes 1 augur truck / jet truck to drill 39x 6ft diameter holes. No additional personnel named for foundation crew.	Project requires (2) foundation crews, one on the north end, and one on the south end to meet the schedule. Foundation depths will be 8' x 92' in depth requiring specialized equipment	Worley's foundation estimates are undersized for this project. The foundations will require larger equipment and will need to be performed by a foundation company.
Access	No access listed in the Worley Estimate	Extensive permanent access and matting required to make the jobsite ready. MG Dyess will grade and build roads, construct pads, and set mats for dead-end structures	Significant access is required to complete this project.
Construction Durations	Assumes each (2) structures can be completed (foundations, structure, wire, etc) in 10 – 12 weeks. 9 months total duration.	Construction is expected to begin in March 2025 and end January of 2027. A total of 21 months.	Construction durations presented in Worley's estimate are not possible, especially assuming that all work will be performed by one crew.
Crane Size	Assumes (1) 170-ton rental crane for a total of 3 months to assist with tower erection, wire pulling, and demo.	QISG will likely use (2) 300-ton cranes on this project. One will be stationed at the laydown yard, the other will be used to install the dead-end structures on the north and south end.	A 140-ton crane is not large enough to install the dead-end structures and will be difficult to move large structure pieces.
Aviation	Assumes 12 total weeks of "helicopter/other equipment"	Two helicopters will be required to complete this project, a Chinook will be utilized to set the structures and a light duty helicopter will be used for wire pulls.	Worley's helicopter estimate is insufficient because it assumes we would use the same helicopter to set structures and pull wire, two very specialized tasks.





ST JOHNS RIVER

Future Canal

Future Pavilions and Docks

Access Option 2

Access Option 1

JEA Unobstructed Access

Proposed Access Ramp

Access Option 3

Reed Island

Reed Island

Yacht

HARBOUR WATERWAY SPECIAL DISTRICT

JEA Unobstructed Access; Flat and Stabilized Area

Harbour Waterway Special District Dry DMMA

Max Equipment Operating Elevation: 135-FT ASL NAVD88

HARBOUR WATERWAY SPECIAL DISTRICT

HARBOUR WATERWAY SPECIAL DISTRICT

Future Access Path

610 ft

170 ft

100 ft

447 ft



# HARBOUR WATERWAYS SPECIAL DISTRICT

September 12, 2024



# Harbour Waterway Special District

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- ABOUT US
- MEETING SCHEDULE & AGENDA
- HWSD DOCUMENTS
- DREDGING PROJECT 2019-20
- MARINE SURVEYS
- ORDINANCES
- MARINA - RULES
- WATERWAY REGULATIONS
- Contact Us

359,492

## Welcome to Harbour Waterway Special District (HWSD)

The HWSD is a Special Dependent District created by the City Council of Jacksonville, Florida on October 12, 2010. The district consists of the properties and easements associated with a canal system that is common to four independent neighborhoods in the Fort Caroline area.

The express duties of the District are to maintain the Navigability of our Canal System, to manage our spoil site on Reed Island, and to administer the regulations for the waterway. The district was created to guaranty the routine dredging of the waterway, through the collection of non-ad valorem assessments.

Marina renovation is scheduled to complete by the end of September.

**Warning!!!**  
**Spammers are using the HWSD.ORG name as a fake source for EMAILS containing a ZIP file with a malware embedded in it. Please do NOT open any of these ZIP files. HWSD.ORG will never SEND you a ZIP file!**





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ABOUT US

District Map

Board of Supervisors

Google Map

Committees

MEETING SCHEDULE & AGENDA

HWSD DOCUMENTS

DREDGING PROJECT 2019-20

MARINE SURVEYS

ORDINANCES

MARINA - RULES

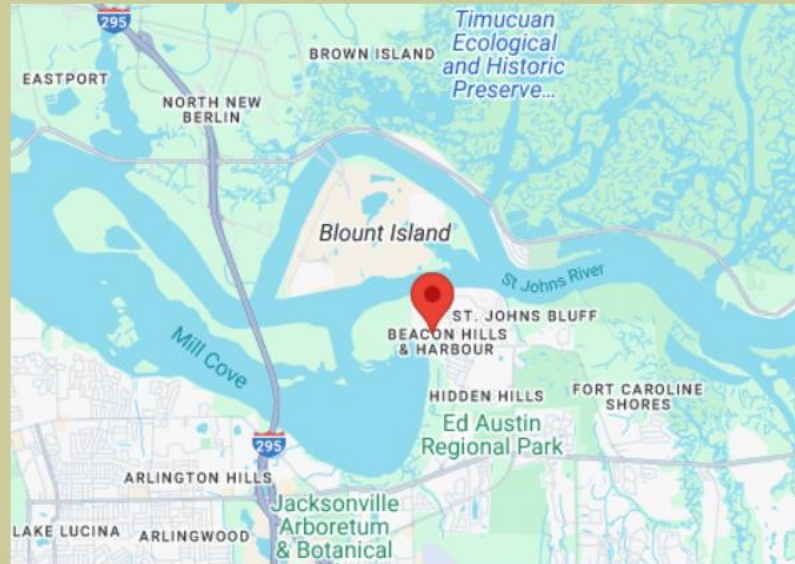
WATERWAY REGULATIONS

Contact Us

359,493

### Where We Are Located

The HWSD is located in the Fort Caroline area of Jacksonville, Florida. The Canal System opens into Mill Cove from where it is a short distance to the St. Johns River.





# Harbour Waterway Special District

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- [District Map](#)**
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- [HWSD DOCUMENTS](#)
- [DREDGING PROJECT 2019-20](#)
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## District Map





**HWSD REED ISLAND**

ment office

Dames Point Fulton Cutoff

St Johns River

PICNIC AREA

REED ISLAND PARK

Harbour Waterway Special District

Reed Island

BEACON HILLS & HARBOUR

Walkwa



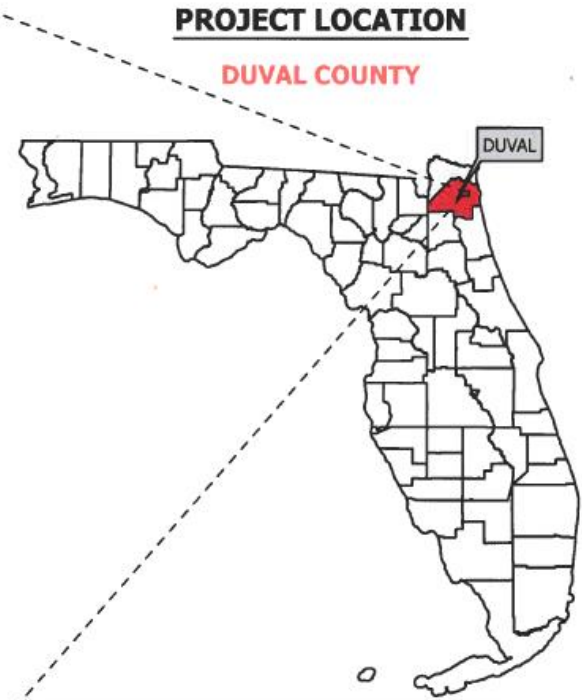
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2020 - 06	Millers Creek Special District			21,258
2020 - 07	Tarpon Cove Special District			9,534
2020 - 08	St. Johns Landing Estates			252
2020 - 11	Light House Point			9,102
2020 - 13	COJ Friendship Fountain		100	
2020 - 14	City of Pompano Beach			2,150
2020 - 15	Villages of Villano			4,654
2019 - 02	Queens Harbour - Phase II			7,025
2021 - 17	The Moorings - Phase I			12,315
2021-018	Crowley Work Barge	11,768		
2021 - 021	Neptune Dredge Project			3,725
	END OF FISCAL YEAR 2020-21	11,768	100	70,015
2021 - 017	The Moorings - Phase II			3,338
2021 - 019	JaxPort - Buck Island		262,431	
2021 - 020	COJ Oak Harbour		13,072	
2020 - 09	Isle of Palms Special District			164,199
2022 - 024	Queens Harbor - Phase III			5,200
2022 - 025	Epping Forest			2,100
2022 - 026	Bert Maxwell	11,890		
2022 - 028	Marina San Pablo			13,926
2022 - 032	Fernandina Beach Marina	16,012		
2022 - 033	Conch House	5,625		
2022 - 034	Marsh Landing			20,762
	END OF FISCAL YEAR 2021-22	33,527	275,503	209,525
2023 - 038	COJ Castaway Boat Ramp		10,462	
2021 - 022	Amkin Hill Street	83,025		
2019 - 003	City of St. Augustine - Salt Run (Phase II)		10,258	
2023 - 036	Dolphin Drive Boat Basin - St. Augustine	882		
	END OF FISCAL YEAR 2022-23	83,907	20,720	-

2019 - 003	City of St. Augustine - Salt Run (Phase II)		138	
2024-043	Goodby's Creek		7,344	
2023-037	San Sebastian Marina		15,880	
2022-031	Channelside HOA			3,925
2022-030	Hopson Creek HOA			4,165
2023-041	Queens Harbor 2024			3,941
2022-032	Fernandina Marina - 2024	15,561		
2023-040	Crowley Work Barge - 2024	20,651		
2022-034	Marsh Landing - 2024			5,643
	END OF FISCAL YEAR 2023-24	36,212	23,362	17,674
	TOTAL DISPOSAL ACTIVITY TO DATE	170,164	340,587	451,667
HARBOUR WATERWAY SPECIAL DISTRICT				
DISPOSAL ACTIVITY				
			Cubic Yds.	Percent
	COMMERCIAL		170,164	18%
	RESIDENTIAL		451,667	47%
	GOVERNMENT		340,587	35%
	GOVERNMENT BREAKDOWN			
	JAXPORT		262,431	27%
	COJ		30,978	3%
	NON-DUVAL		47,178	5%
	Subtotal		340,587	35%
	GRAND TOTAL	962,418		100%





# FULTON CUT REBUILD REED ISLAND DEVELOPMENT EXHIBITS



**LEGEND**

- Existing Substation
- Existing 138kV Line
- Existing 230kV Line
- Proposed Transmission Rebuild

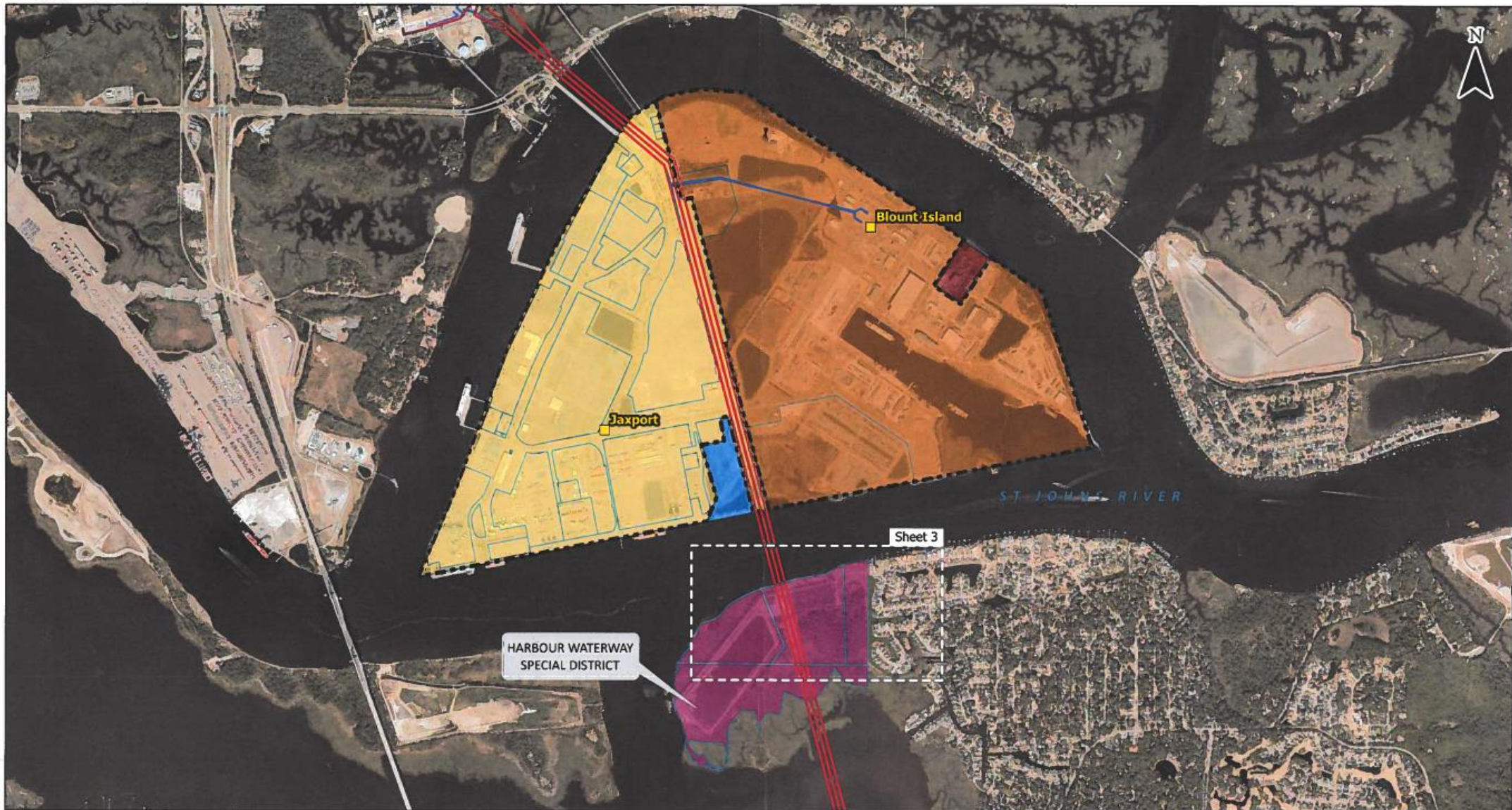
B	7/18/2024	ISSUED FOR REVIEW - WESTERNMOST ALIGNMENT	JRR	JRC	JRC
REV	DATE	DESCRIPTION	BY	CKD	APP



5010 W. NASSAU STREET  
TAMPA, FLORIDA 33607  
(813) 877-7770  
www.pickettusa.com  
C.A. Number 31323

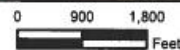
<b>JEA</b>	<b>FULTON CUT REBUILD</b>
<p>SCALE: NTS DRAWN BY: JRR ENGINEER: MPK COUNTY: DUVAL SHEET 1 OF 3</p>	<p>DATE: 7/18/2024 CHECKED BY: JRC SECTION: AS SHOWN FILE NAME: JEA_FultonCut_RealEstate_ReedIslandDev</p>
<b>FULTON CUT REBUILD REED ISLAND EXHIBITS</b>	





- Legend**
- Existing Substation
  - Existing 138kV Line
  - Existing 230kV Line
  - Limited Access

- Parcel Owners**
- Harbour Waterway Special District
  - Jacksonville Electric Authority
  - Jacksonville Port Authority
  - United States of America
  - BFGoodrich Co



B	7/18/2024	ISSUED FOR REVIEW - WESTERNMOST ALIGNMENT	JRR	JRC	JRC
REV	DATE	DESCRIPTION	BY	CKD	APP

**JEA**

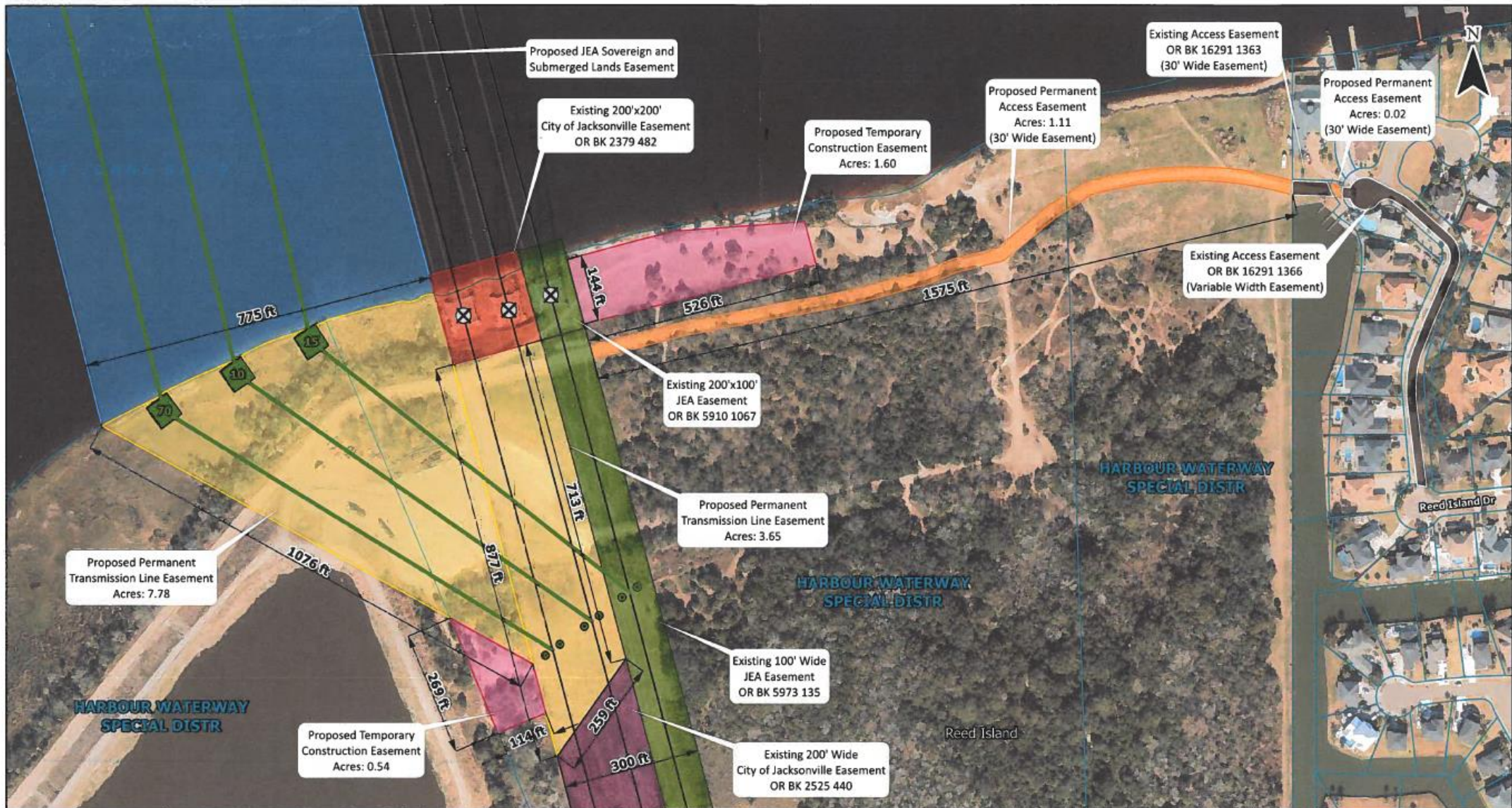
**FULTON CUT REBUILD**

SCALE: 1 IN = 1,800 FT DATE: 7/18/2024  
 DRAWN BY: JRR CHECKED BY: JRC  
 ENGINEER: MPK SECTION: AS SHOWN  
 COUNTY: DUVAL FILE NAME:  
 SHEET 2 OF 3 JEA\_FultonCut\_RealEstate\_ReedIslandDev

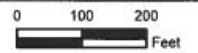


**SOUTH BANK DEVELOPMENT OVERVIEW**





Legend	
● Proposed Monopole	Existing City of Jacksonville Public & Municipal Purposes Easement
■ Proposed Tower	Existing JEA Electric Easement
⊗ Existing Tower (To Be Removed)	Existing Access Easement
— Proposed Transmission Centerline	Proposed Permanent Access Easement
— Existing Transmission Circuit	Proposed Permanent Easement
■ Existing City of Jacksonville Electric Easement	Proposed Temporary Construction Easement
■ Existing JEA Electric Easement	Proposed Sovereign and Submerged Lands Easement
■ Existing Access Easement	Parcel Boundary



REV	DATE	DESCRIPTION	BY	CHKD	APP
B	6/24/2024	ISSUED FOR REVIEW - WESTERNMOST ALIGNMENT	JRR	JRC	JRC

JEA

FULTON CUT REBUILD

SCALE: 1 IN = 200 FT  
 DRAWN BY: JRR  
 ENGINEER: MPK  
 COUNTY: DUVAL  
 SHEET 4 OF 4

DATE: 6/24/2024  
 CHECKED BY: JRC  
 SECTION: AS SHOWN  
 FILE NAME:  
 JEA\_FultonCut\_RealEstate\_West



REAL ESTATE  
SOUTH BANK



An aerial photograph of a rural area with a semi-transparent dark green overlay. A specific parcel of land is outlined in white and highlighted with a thick orange line. The text is overlaid on the top half of the image.

# Land Use Amendments

## L-5872-23A Ordinance 2024-716

### Pecan Park Road

*Waterways Commission*

*September 12, 2024*



# **L-5872-23A Land Use Amendment**

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**Adoption Ordinance  
Ordinance Number 2024-716**

## **Public Hearing Dates**

**Planning Commission – Thursday, October 3, 2024**

**City Councils First Hearing – Tuesday, October 8, 2024**

**City Council LUZ Committee – Wednesday, October 15, 2024**

**Final City Council Hearing – Tuesday, October 22, 2024**



# L-5872-23A (2024-716)

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## Location

*On the west side of Pecan Park Road*



## Size

*Subject Site: 229.01 Acres  
Wetlands: 79.34 Acres  
Seaton Creek: 4.3 Acres*



## Current Land Use

*Agriculture (AGR) and Public Buildings and Facilities (PBF)*



## Sub-Drainage Basin

*Seaton Creek*



## Drainage Basin

*Nassau River*



## Proposed Land Use

*Light Industrial (LI)*



# Ordinance 2024-716 (L-5872-23A)

## Current Development Potential

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- AGR: 88 Single Family dwellings (at 1 DU per 2.5 acres)
- PBF: 100,100.88 sq. ft. of Public Buildings & Facilities space (at 0.30 FAR)



# Ordinance 2024-716 (L-5872-23A) Proposed Development Potential

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- LI: 3,990,270.24 sq. ft. of Light Industrial space (at 0.4 FAR)



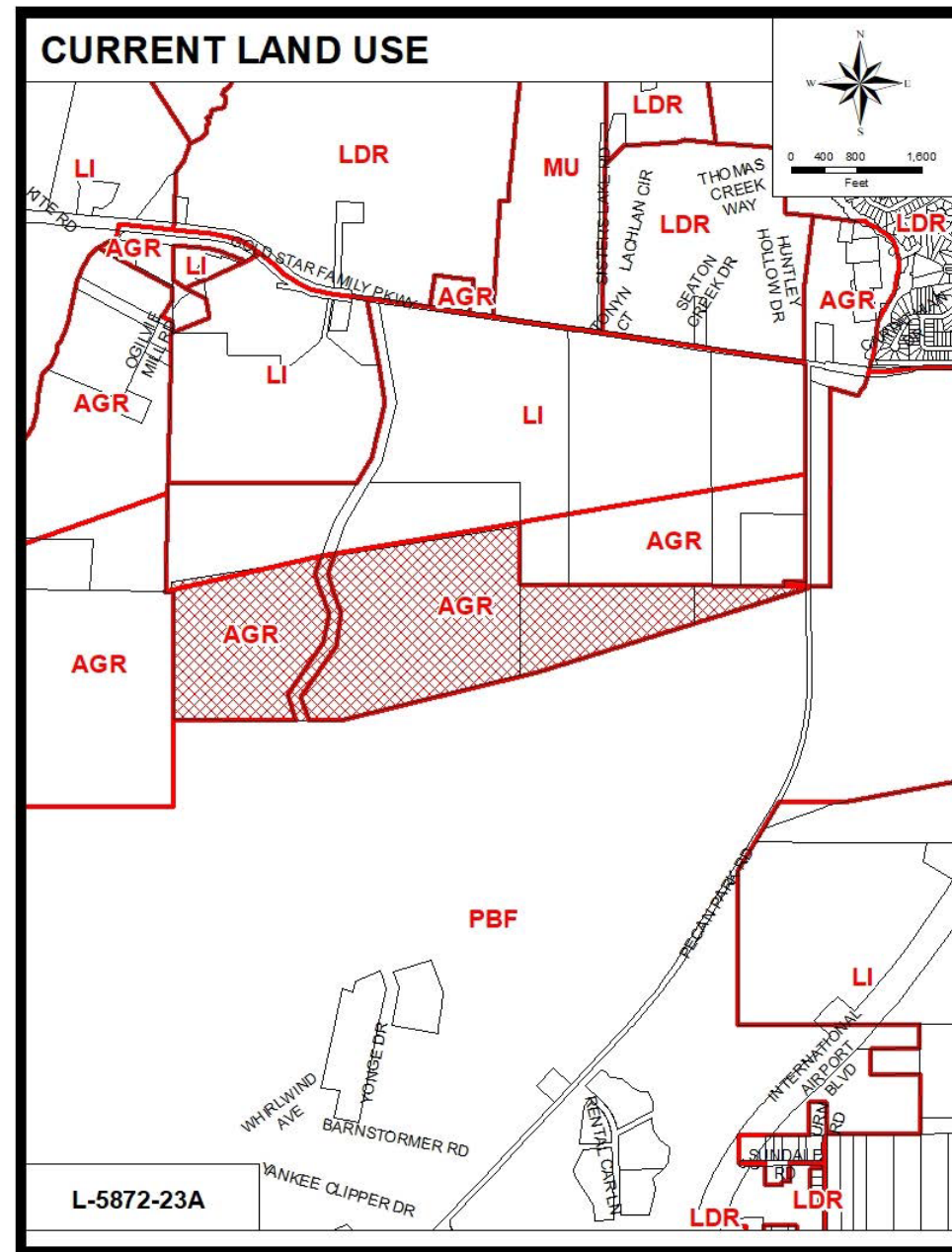
**Land Use Amendment L-5872-23A**  
**Ordinance 2024-716**  
**Land Use Map**

**Proposed Land Use**

*Light Industrial*

**Surrounding Land Use**

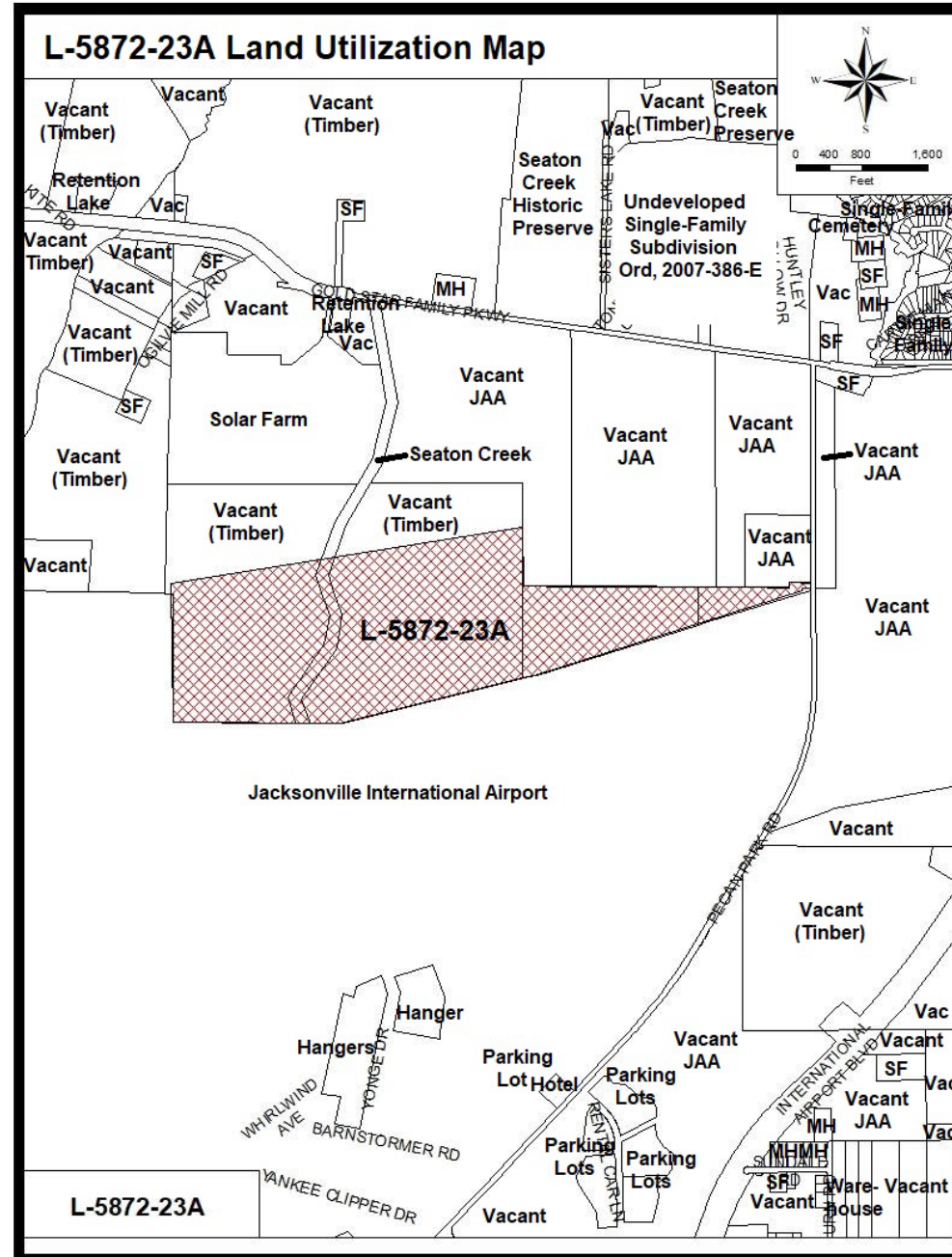
*Light Industrial, Agriculture, Public Buildings  
and Facilities, Low Density Residential*





**Land Use Amendment L-5872-23A**  
**Ordinance 2024-716**

**Land Utilization Map**

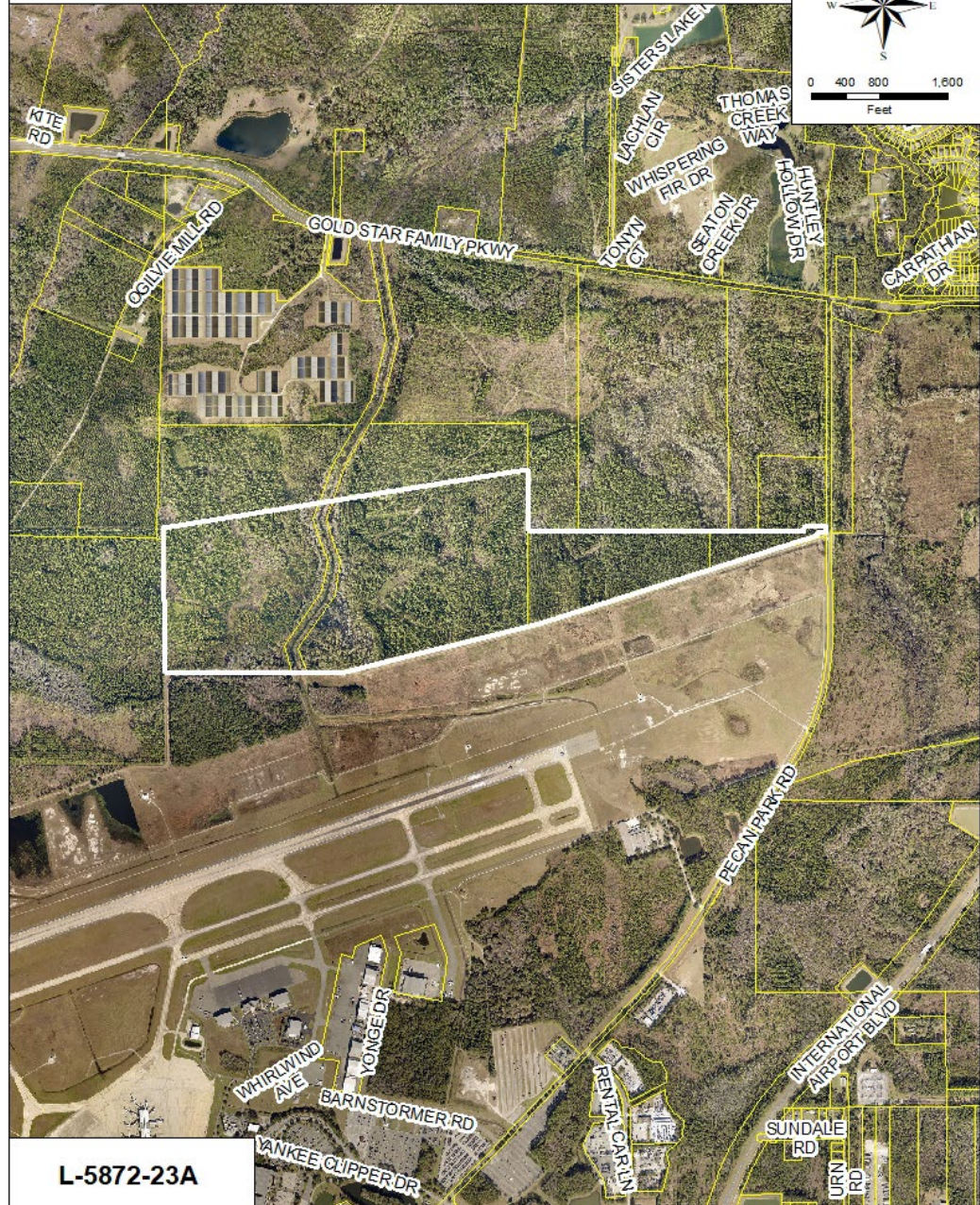




**Land Use Amendment**  
**L-5872-23A**  
**Ordinance 2024-716**

**Aerial Map**

**AERIAL MAP**



L-5872-23A



**Land Use  
Amendment  
L-5872-23A  
Ordinance 2024-  
716**

**Photo  
Locations  
of  
Application  
Site**





**Land Use**  
**Amendment**  
**L-5872-23A**  
**Ordinance 2024-716**

**Westerly view  
of Application  
Site from  
Pecan Park  
Road**





**Land Use**  
**Amendment**  
**L-5872-23A**  
**Ordinance 2024-**  
**716**

**Westerly  
view  
Northern  
Airport  
Perimeter  
Road from  
Pecan Park  
Road**





Land Use  
Amendment  
L-5872-23A  
Ordinance 2024-  
716

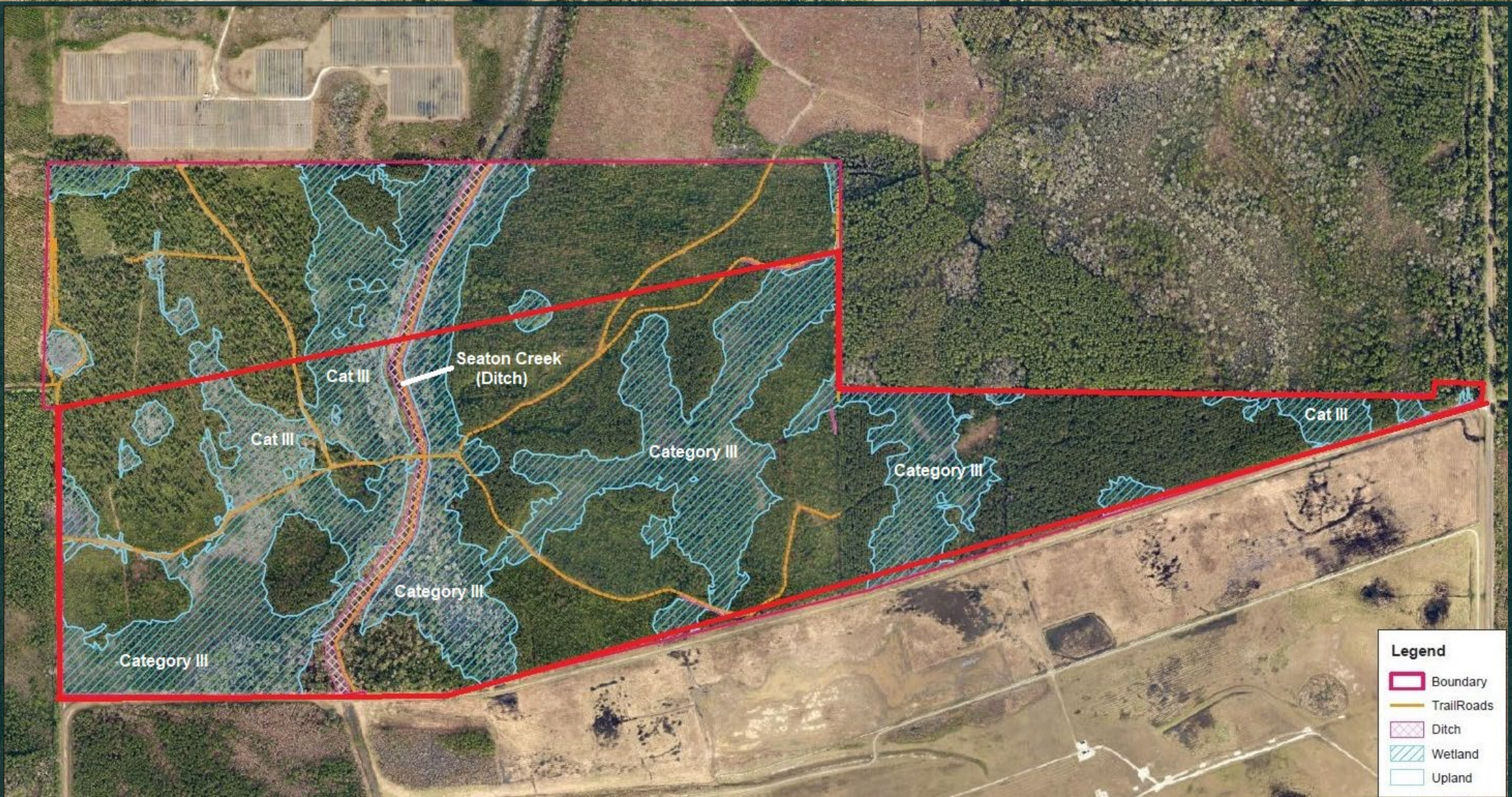
**Southerly  
view of  
Seaton  
Creek from  
Arnold  
Road  
Application  
site 2,900  
feet to the  
South**



Google

Image capture: Dec 202



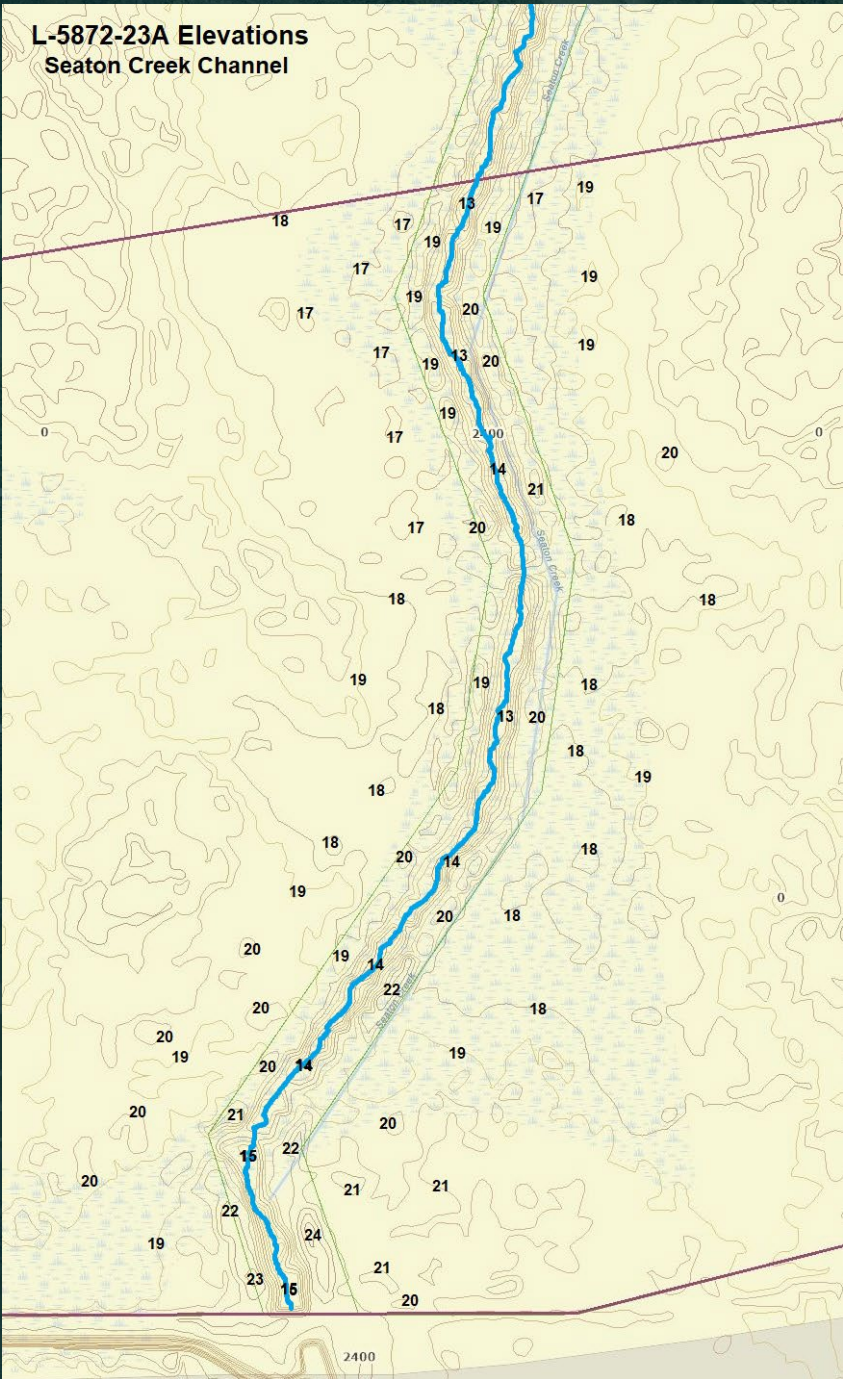


**Land Use Amendment L-5872-23A**  
**Ordinance 2024-716**  
**Wetlands Map**

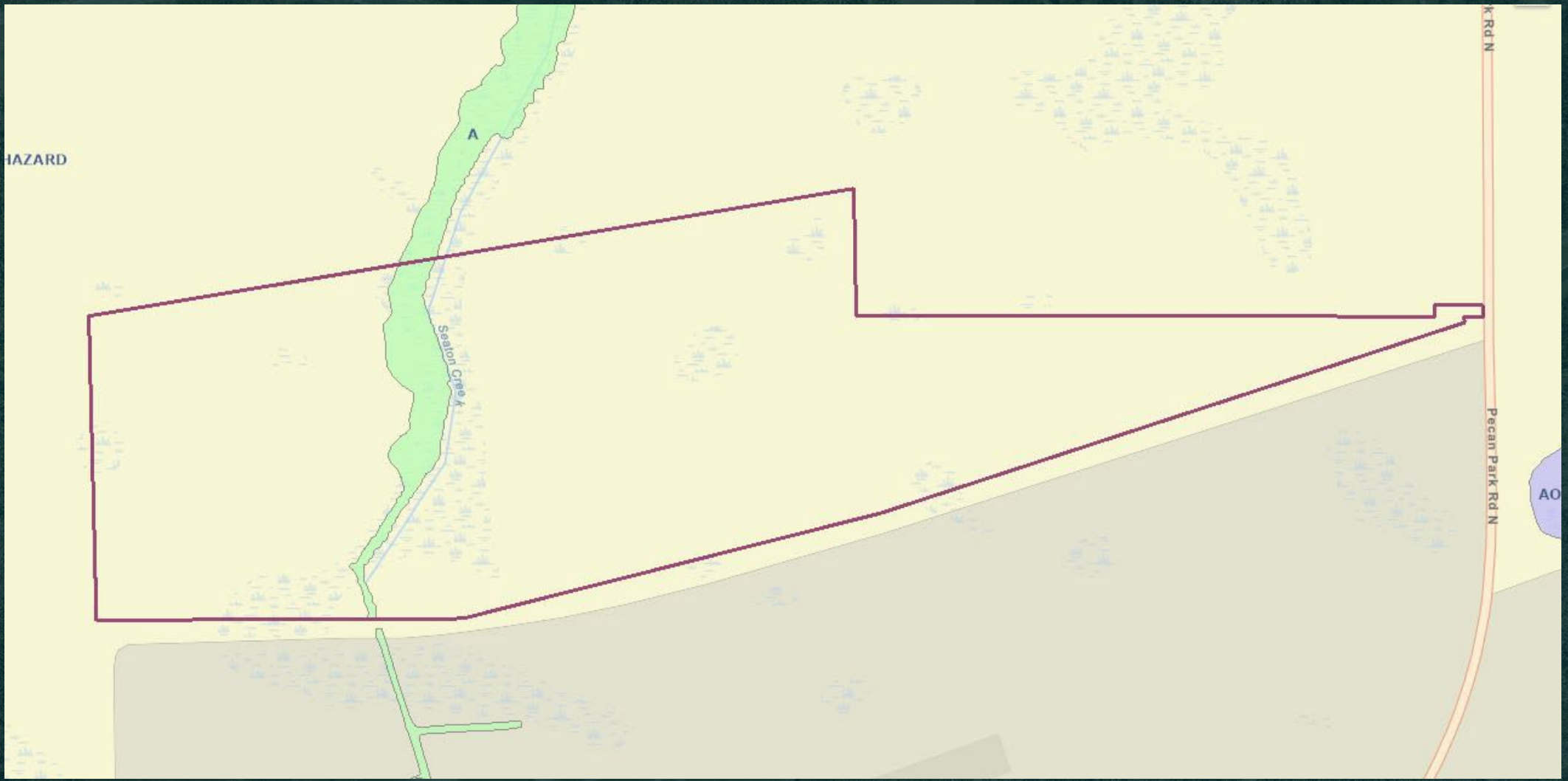
**Wetland Acreage 79.24**  
**based on GIS Data**



**Land Use**  
**Amendment**  
**L-5872-23A**  
**Ordinance 2024-**  
**716**  
**Seaton**  
**Creek**  
**Elevations**  
**Map**







**Land Use Amendment**  
**L-5872-23A**  
**Ordinance 2024-716**  
**FEMA Flood Zone Map**

**Flood Zone Acreage**  
**A: 7.95 acres**



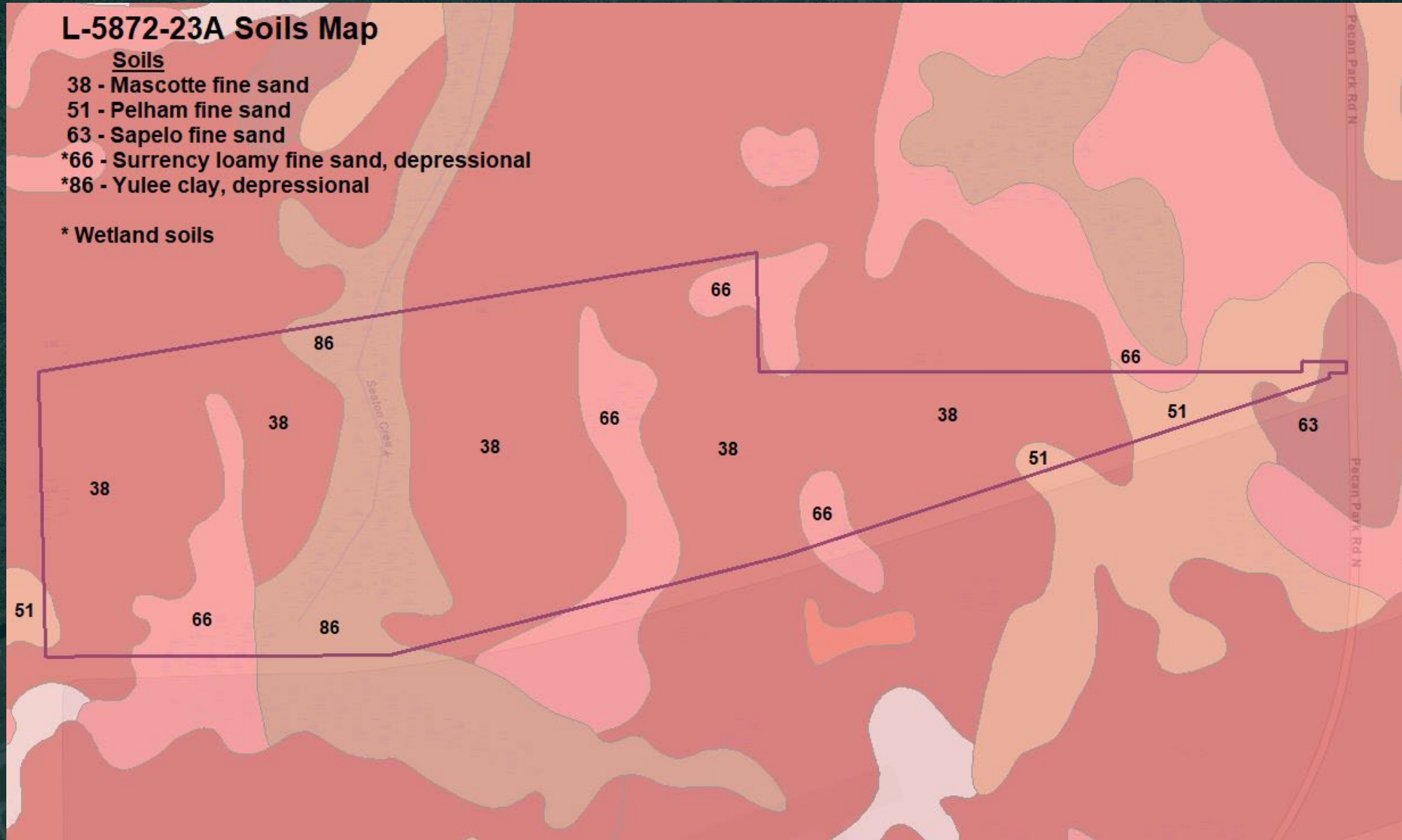
**Land Use  
Amendment  
L-5872-23A  
Ordinance 2024-  
716  
Soils Map**

**L-5872-23A Soils Map**

Soils

- 38 - Mascotte fine sand
- 51 - Pelham fine sand
- 63 - Sapelo fine sand
- \*66 - Surrency loamy fine sand, depressional
- \*86 - Yulee clay, depressional

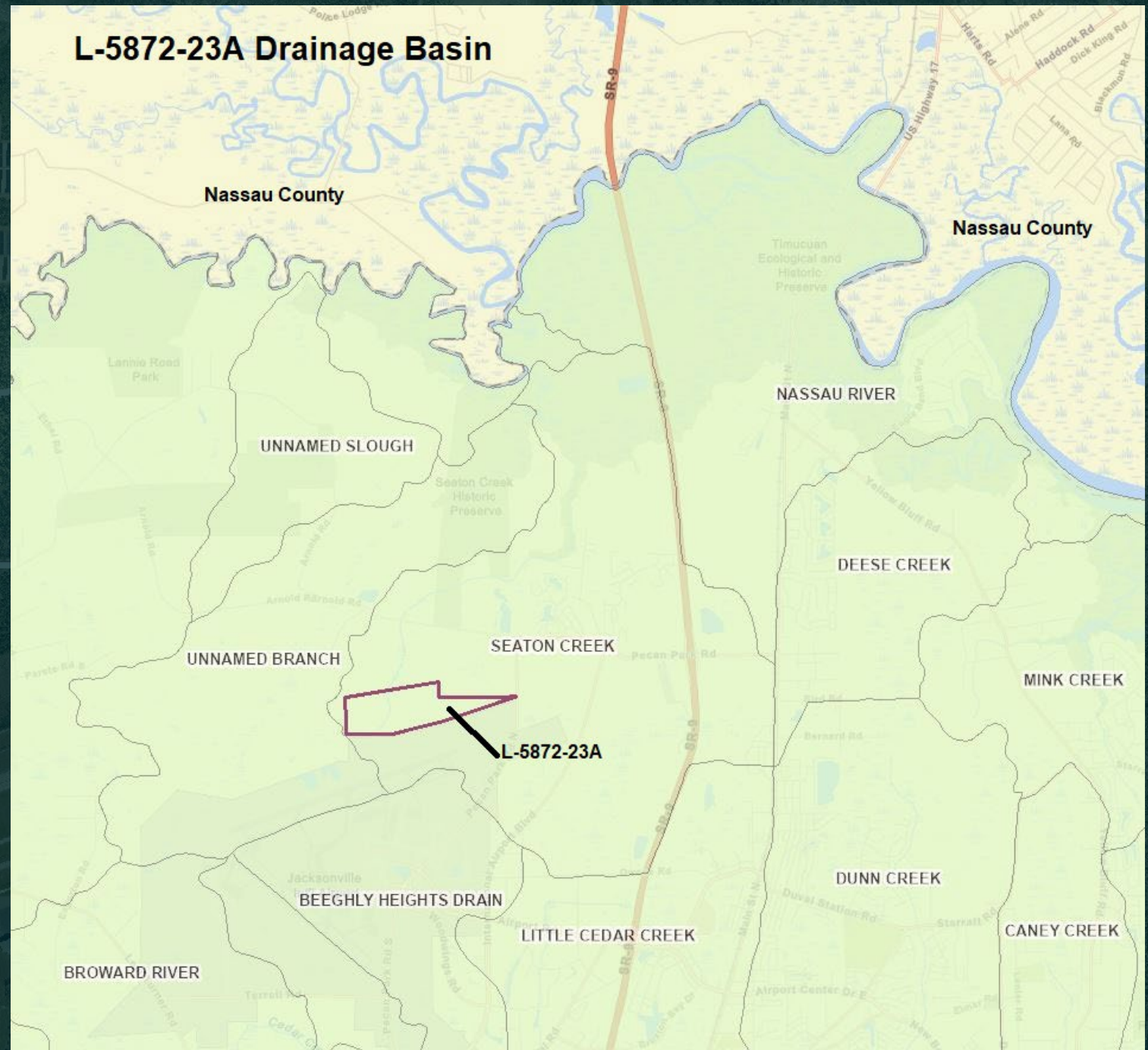
\* Wetland soils





**Land Use  
Amendment  
L-5872-23A  
Ordinance 2024-  
716**

**Drainage  
Basins Map**





**Land Use**  
**Amendment**  
**L-5872-23A**  
**Ordinance**  
**2024-7167**

**Drainage**  
**Path Map**

**Application**  
**Site**



**Seaton Creek**



**Thomas Creek**



**Nassau River**





WHAT ARE THEY DOING?  
I finished for Bubba on the pick.

I want to do that. I'm introducing legislation for the people of Jacksonville that will provide public access and economic opportunity to the St. Johns River on our American Heritage River.

Must be the new guy. Who's it's Bubba! Don't tell anyone in Waterways about that spot.

Damn! We're here! Almost fixed.

Public Access

GOOD SHIP

Public

501-e  
FL-8007-733

ST. JOHN RIVER  
2010-856

W- WHERAS  
KARA TUCKER  
2024-0476 NUP

WELCOME NEW MEMBERS OF THE JACKSONVILLE CITY COUNCIL. RESPECTFULLY SUBMITTED AND TO BE MADE PART OF THE PERMANENT RECORD OF THE TURY 26, 2011 JACKSONVILLE CITY COUNCIL MEETING BY JOHN NOONEY, 8356 BARCOM RD. JACKSONVILLE, FL 32216. 904-321-3321 904-321-434-0839

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SMILE FOR THE CAMERA, NEERL-KAMARO, M. GAY  
GAT YOUR OWN TASTE TASTING GIB  
I love our Spanish Dipping Sauce  
I'm looking for another one

IT'S A NAVY SHIP  
I found you with GARRIDE  
A BIG GEAR SHIP

WHERAS  
PUBLIC PARKING LOT

EVIDENCE FOR ANOTHER ONE  
M. FRANKIE OG  
TRIAL IN A PATTERNS OF ABUSE  
THAT HAS LED TO A COURT ORDER TO OUR WINTERWAYS IN DET-DUAL COUNTY PROSECUTING

TEEL RIVER RIVER  
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**EVIDENCE!** For T. Coz, R. Manuvel, T. O'Neil, L. Rippman, G. Piero, Lauren Fisher, TV.  
My Frack Unit \$100,000,000 Tuesday Settlement Trial in Showing a Public Access on  
FBI-K REMIND PUBLIC COMMENT - REQUEST TO SPEAK / REGISTER  
PARTIAL OF ABUSE THAT HAS LIEA TO A COUS PIAKEY TO CRASH OUR WATERSHAYS  
IN DET-DUAL COURT, THRSOUVILLIE, SHELBY COUNTY, FBI- COURTRUP-TAMAR KIMANSON  
\*Name & Address are required AORN HOTELS.

AG, IG, SA 8023-0819  
NAME: JOHN PHILIP THORPE RIVERVIEW WESTSIDE Noodle DATE: 9/12/2024 TUE MFG

TEA-River News-T. Pillsbury, V. Leuty 2024-0325-UP + EPA COURT UP FOR THE TARI.  
ADDRESS: 8356 Barron Rd. PHILS, FIVE RICHARDS - FRACKER WITH RIVER 904-434-0839  
PHONE: 904-434-0839

WHY ARE YOU ON WATERSHAYS? I'M TALKING K. WHO IS NEAR TO PORTS BAYS CRACK THAT  
CITY: Tax COUNTY: Duval STATE: FL ZIP: 32216  
REPRESENTING: WESTSIDE (R. WHITE) T. GARRIS (FRACK) G. STREETS K. CAROLLO K. ANNE PUBLIC PARK

OR PORTS BAYS CRACK THAT CATHOGY I WATERSHAYS NEXT TO A FENA (FRACK) 2024-0034D. CRACK  
SIGNATURE: John Philip Thorpe HOUSE IN DIST. 4 SCHOOL BOARD 3  I DO NOT WISH TO SPEAK

CPAC-3, WIRE FRACKING A MOUNTAIN T. (TIEB) AT-LASIE FREEMAN T. ROOBIN BURMAN, G. GRANT.  
The Millions - ARO-NOVEMBER - M. NOVEMBER-TWO / ME PAPER - 2016-18, 2024-0029 FROM MOUNTAIN

COMMENTS FROM THE PUBLIC SUBJECT: MASSIVE MASSIVE MASSIVE LORRETTION ON OUR  
WATERSHAYS! I'll Show AVOIDIE. DOZENS OF EXAMPLES. TRICK COMMISSIONED COURTUP, 2021-0650

2022-0398. So much more, Support F. Piero & Orman 2024-0726 MUF-MARKET WAYS FOR CRACK  
FRACK MARKET KIM RIVERS PARK AND PORTS BAYS CRACK. HIT US UP! MIAO A SPOOKER-SOME DOGS

DEPS- Supporter of FRACKING - HELP SPEAKING TIME IS LIMITED TO THREE (3) MINUTES PER SPEAKER. MARTHA STRAWAT

NEFRG- RAY D. FOR TORIE MORGAN, KEN ANNE MIKE GAY - BETH PAYLE - HUGEL!  
PLEASE READ THE REVERSE SIDE FOR INSTRUCTIONS ON SPEAKING BEFORE THE CITY COUNCIL.

Don't looky - STRUM A. - MORE EVIL CRACK! A PARTIAL OF ABUSE IN DET-DUAL COURT THAT.  
NEFT- (R. WHITE) T. GARRIS (FRACK) K. CAROLLO (FRACK) SWIND Public Park or PORTS BAYS CRACK NEXT

EVIDENCE! For THE 9/12/2024  
TAKESOVILLE WATERSHAYS Commission MFG.

FOR  
FBI, OGE, TV  
By JOHN T. NOBLE 2023-0819  
8356 BARRON RD. TX. FL 32216  
AG, SA, AG, IG DIST. 4, SCHOOL BOARD DIST. 3 CPAC-3