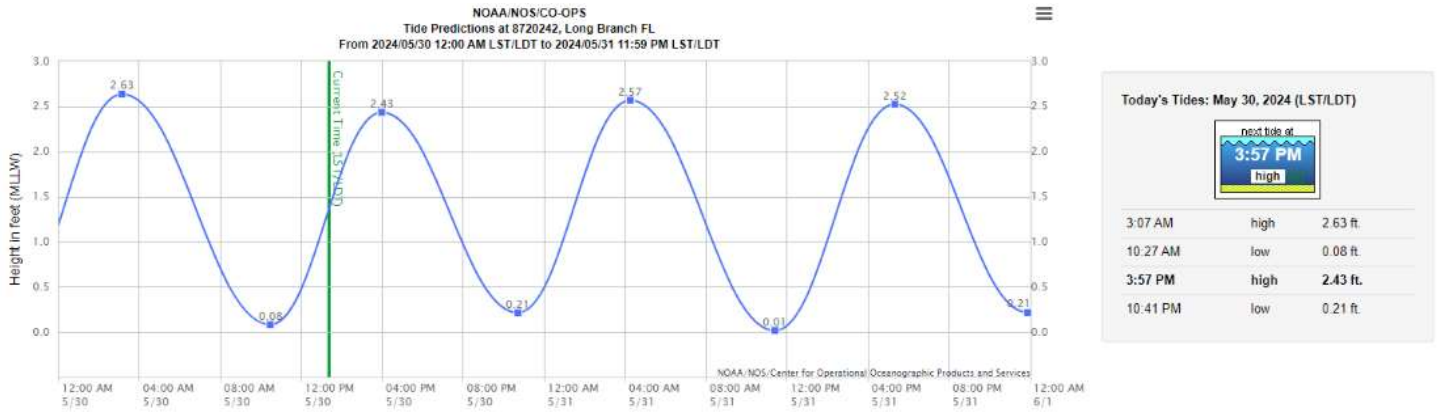


Pinto WWM 6/12/2024

SJR Water Quality 5/30/2024 **High Tide** at 03:07; **Low** at 10:27; **High** 15:57; **low** at 22:41 (Long Branch, FL)

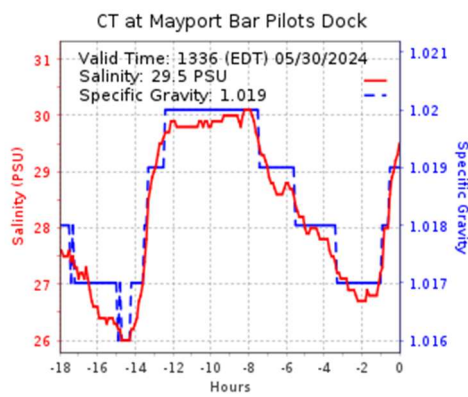


Time 13:31 5/30/2024

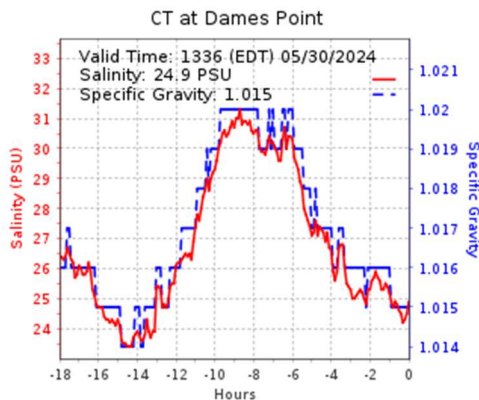
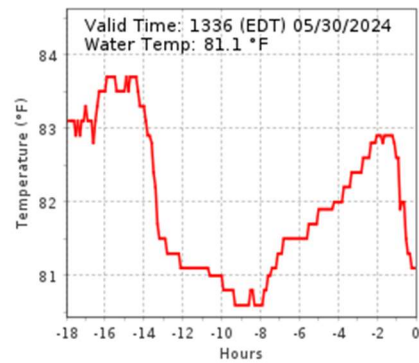
Salinity	Station	Temp °F
27-30	Mayport	83
25-31	Dames	85
18-22	JU	85
10	Buckman	85
14	Downtown	84

Temp. + 10-12°F from last month; Salinity remains high like last month, due to less rainfall generally.

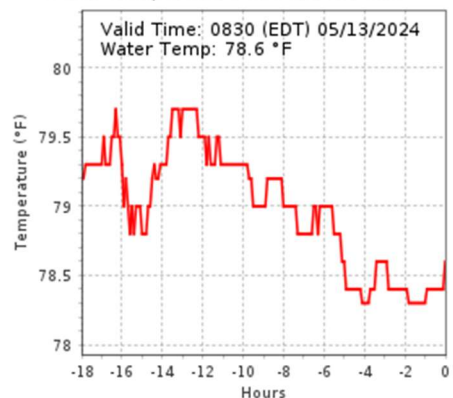
Graphs below support data presented in the table above, fluctuations occurring on the tidal cycle.

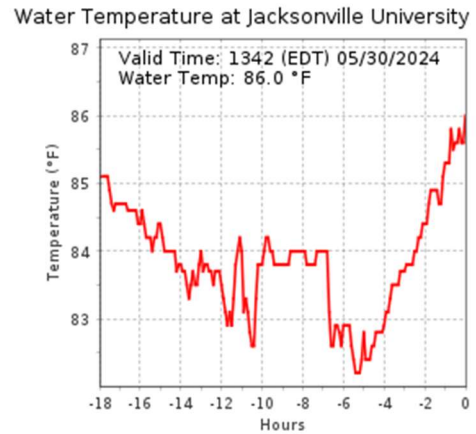
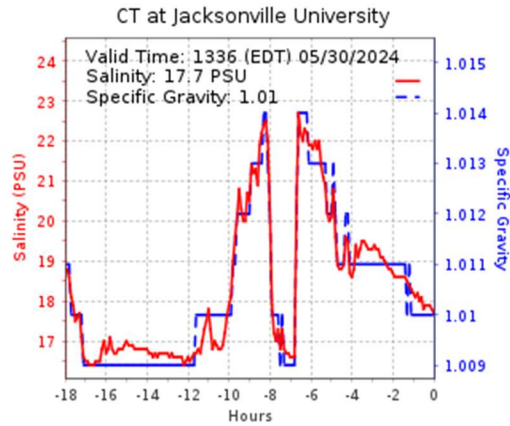


Water Temperature at Mayport Bar Pilots Dock



Water Temperature at Dames Point





WATER LEVELS –close to normal 0.5’ above predicted

RAINFALL – currently above normal rainfall ~+0.5”.

Rainfall Inches 2024			Rainfall Inches 2024		Rainfall Inches 2024	
NOAA Online weather data			JAX INT		SJRWMD 2024	
Month	NOW data mean	Obs. Value	Obs. Jax INT	Departure	SJRWMD Obs.	Departure
Jan	2.69	4.02	4.02	0.74	3.24	0.55
Feb	2.92	2.44	2.44	-0.42	2.66	-0.332
Mar	3.43	5.69	5.69	2.4	3.21	-0.2
Apr	2.94	2.05	2.05	-0.88	2.61	-0.005
May	3.56	0.34	0.34	-0.69		
Jun	7.40					
Jul	6.77					
Aug	7.05					
Sep	7.38					
Oct	2.90					
Nov	2.09					
Dec	2.85					
	51.89	14.20	14.54	1.15	11.72	0.01

*Partial month May

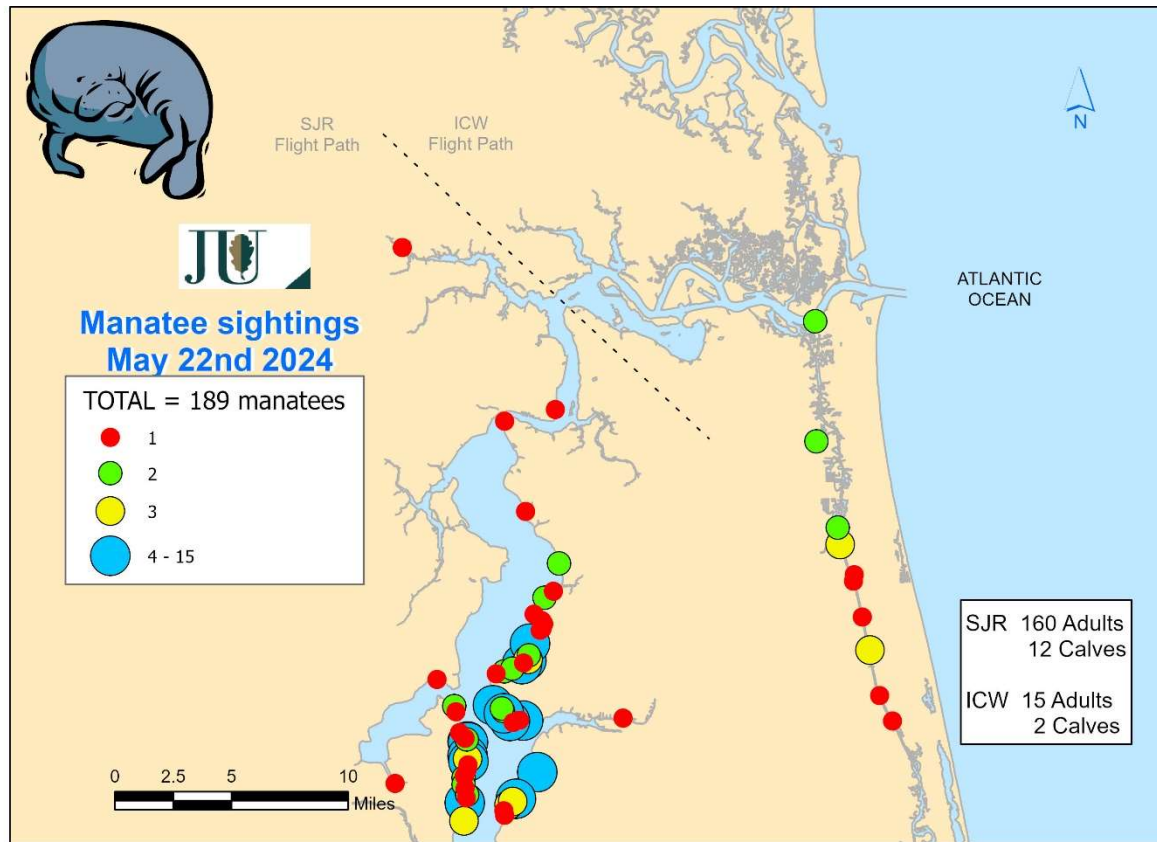
HABs – none to report

Drs Lake center 5/21 – mixed algae; no dominant species in sample, no toxin detected.

SJR Center Nr. Drs 5/21 Mandarin Point - mixed algae; no dominant species in sample, no toxin detected.

Shands Bridge 5/21 *Microcystis aeruginosa*, no toxin detected.

Last aerial manatee sightings May 22nd, 2024 – more calls and observations about manatees



The information contained in this email and the manatee sighting maps are the results of aerial surveys conducted by Jacksonville University under an agreement with the Port of Jacksonville. The manatee sightings represent the known minimum number of animals and their location at the time of the flight. The numbers may be higher and the animals change locations frequently. The information is an indication of the number and the location of manatees and subject to change daily.

MANATEE MORTALITY – none to report in the area since last month.

3 Total, 1 Watercraft deaths 4/24/2024 SJR, Talleyrand/Longbranch west bank 30.3683, -81.62588

1 Cold Stress 1/20/2024 Durbin Creek, Jacksonville.

1 Not necropsied 1/20/2024 Atlantic Ocean, Neptune Beach.

In FLORIDA 43WC and 434 Total year to May.

The water temperature is now good for manatees ($\geq 68^{\circ}\text{F}$) manatee presence increasing.

Manatee Hotline 904 256 7575



Land Use Amendments
L-5810-23C Ordinance 2024-395

Waterways Commission
June 12, 2024

L-5810-23C Land Use Amendment

**Adoption Ordinance
Ordinance Number 2024-395**

Public Hearing Dates

Planning Commission – Thursday, June 20, 2024

City Council First Hearing – Tuesday, June 25, 2024

City Council LUZ Committee – Tuesday, July 16, 2024

Final City Council Hearing – Tuesday, July 23, 2024

L-5810-23C (2024-395)

Location

- ✓ 13911 Atlantic Boulevard on the north side of the Atlantic Boulevard and west of the Intracoastal Bridge

Size

- ✓ Subject Site:
43.80 Acres
- Wetlands: (GIS)
8.76 Acres

Current Land Use

- ✓ Community/General Commercial (CGC) pursuant to Remedial Amendment to the 2010 Comprehensive Plan Ordinance 2009-621-E

Sub-Drainage Basins

- ✓ Intracoastal Waterway

Drainage Basins

- ✓ Intracoastal Waterway

Proposed Land Use

- ✓ Community/General Commercial (CGC) to the 2045 Comprehensive Plan

L-58 10-23C (2024-395) History

- **5/14/2007 – 77.22 acres WD/WR to AGR-IV and CGC**
- **6/10/2009 – State Administration Commission, Direct City to take remedial action based on 2010 Comprehensive Plan –**
Main action:
 - **Maximum wet & dry boat slips – 650 (100 to the public)**
 - **Maximum commercial space – 6,500 sq. ft.**
 - **Maximum multi-family residential dwelling units – 590**
 - **All residential dwelling units above 5-foot elevation (2013 CHHA)**
- **Present – Ord. 2024-395, Land Use Amendment Application**

L-5810-23C Currant and Proposed Development Standards (2024-395)

Current Development Standard: CGC – Remedial Amendment to the 2010 Comprehensive Plan

- 590 Multi-family dwelling units
- All residencea above 5 Foot elevation
- 6,500 sq. ft. Commercial space
- 650 Wet & dry marina slips of which 100 slips to the public

Proposed Development Standard: CGC to the 2045 Comprehensive Plan

- Scenario 1: 667,774.8 sq. ft. Commercial space
- Scenario 2: 657 Residential dwelling units
- Mixed Use: Development Plan - 106,000 sq. ft. Commercial space & 560 Residential dwelling units
- 650 Wet & dry marina slips of which 100 slips to the public

Land Use Amendment L-5810-23C
Ordinance 2024-395
Current Land Use Map

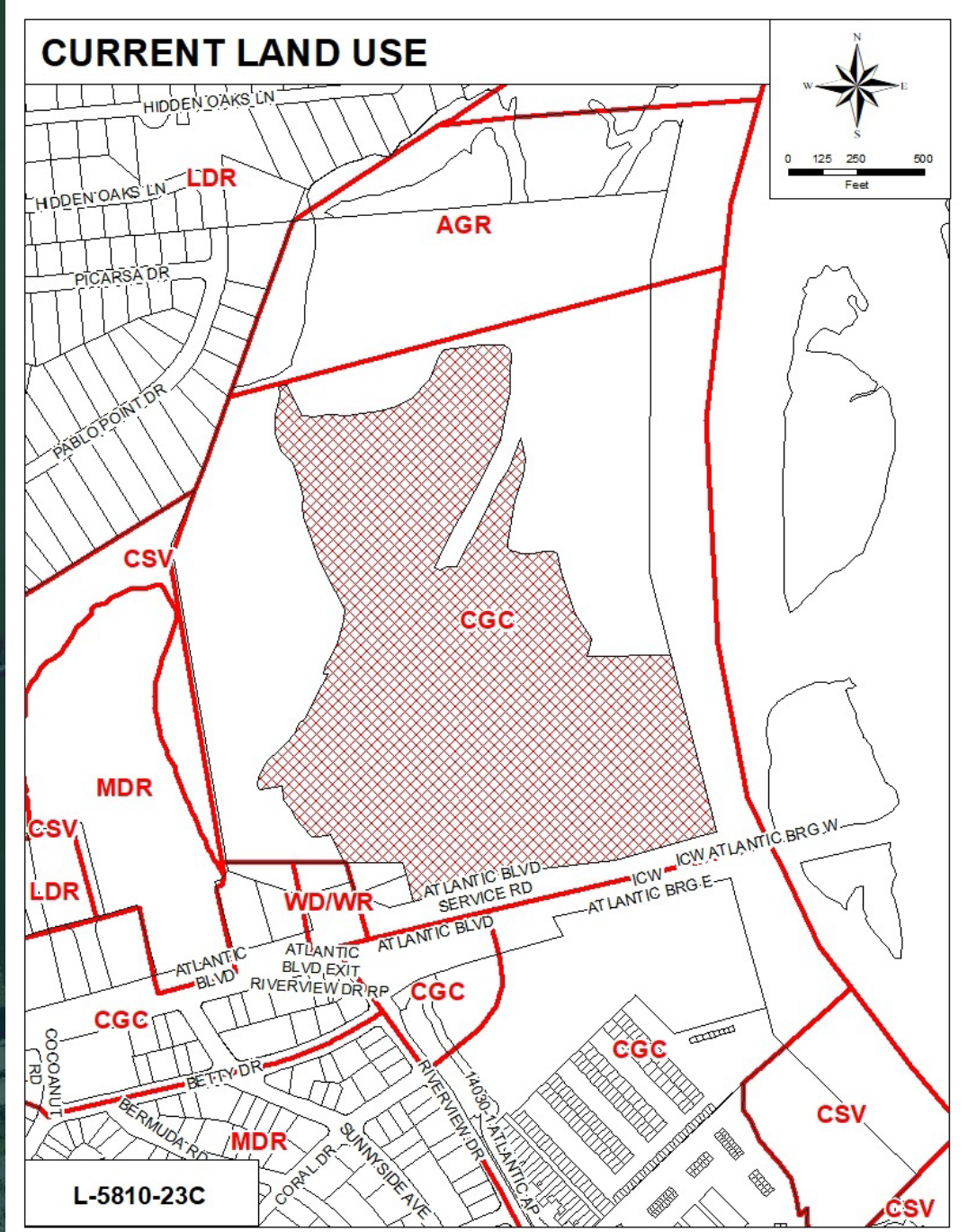
Site Land Use

Community/General Commercial (CGC), pursuant to Ordinance 2009-621-E

Surrounding Land Uses

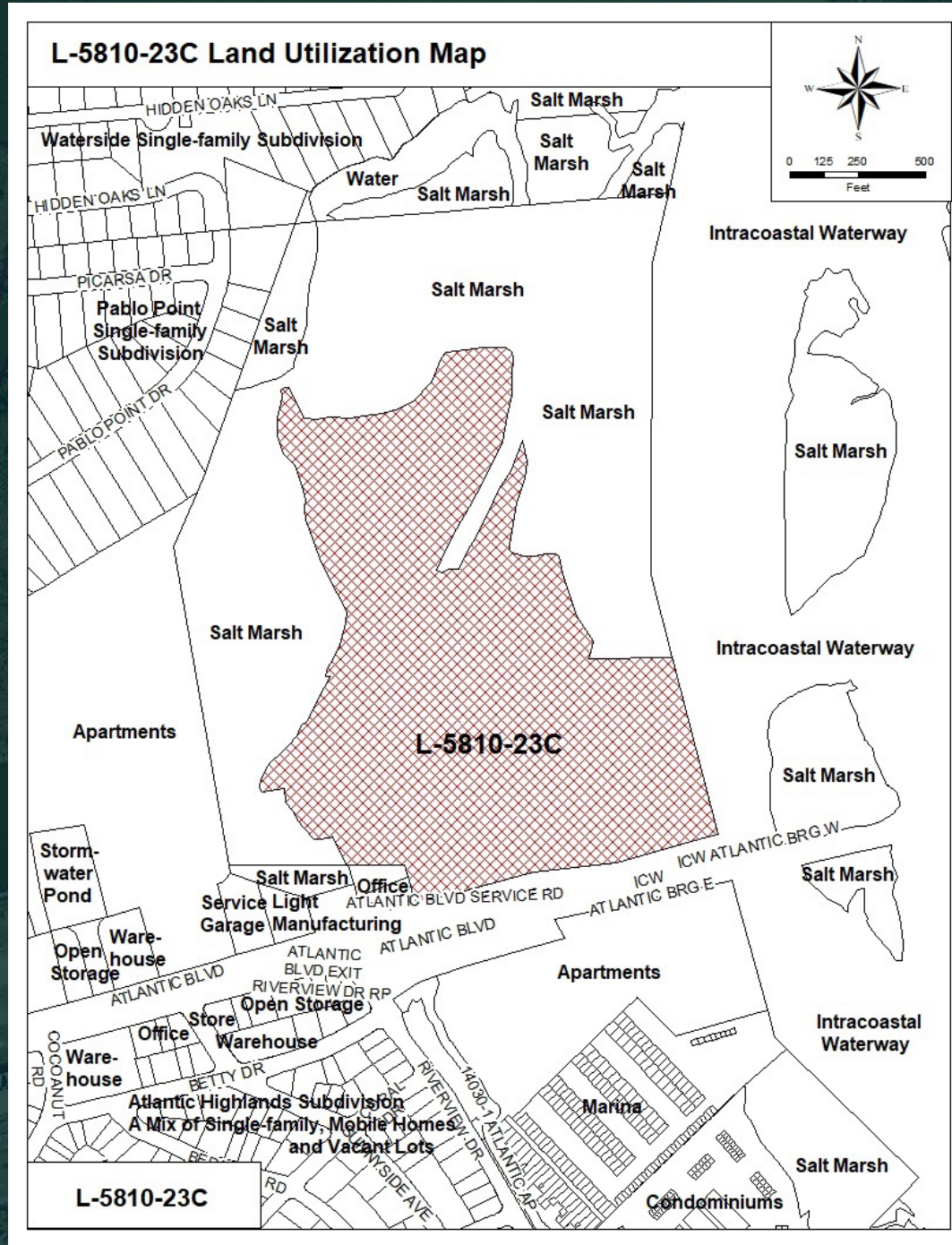
Agriculture (AGR), Low Density Residential (LDR), Medium Density Residential (MDR), Community/General Commercial (CGC), Water Dependent/Water Related (WD/WR), and Conservation (CSV)

Land Use Amendment L-5810-23C is proposing a Land Use Change from CGC, pursuant to Ordinance 2009-621-E to CGC



Land Use Amendment L-5810-23C
Ordinance 2024-395

Land Utilization Map



Land Use Amendment
L-5810-23C
Ordinance 2024-395

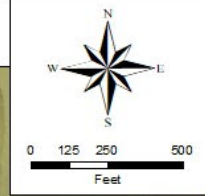
Aerial Map 2013



Land Use Amendment
L-5810-23C
Ordinance 2024-395

Aerial Map 2023

AERIAL MAP



L-5810-23C

PICARSA DR

Land Use
Amendment
L-5810-23C
Ordinance 2024-
395

Northerly
view from
Atlantic
Boulevard



Google

ATLAN

Land Use
Amendment
L-5810-23C
Ordinance 2024-395

**Northwesterly
view of
Application
Site from
Atlantic
Boulevard
Bridge**



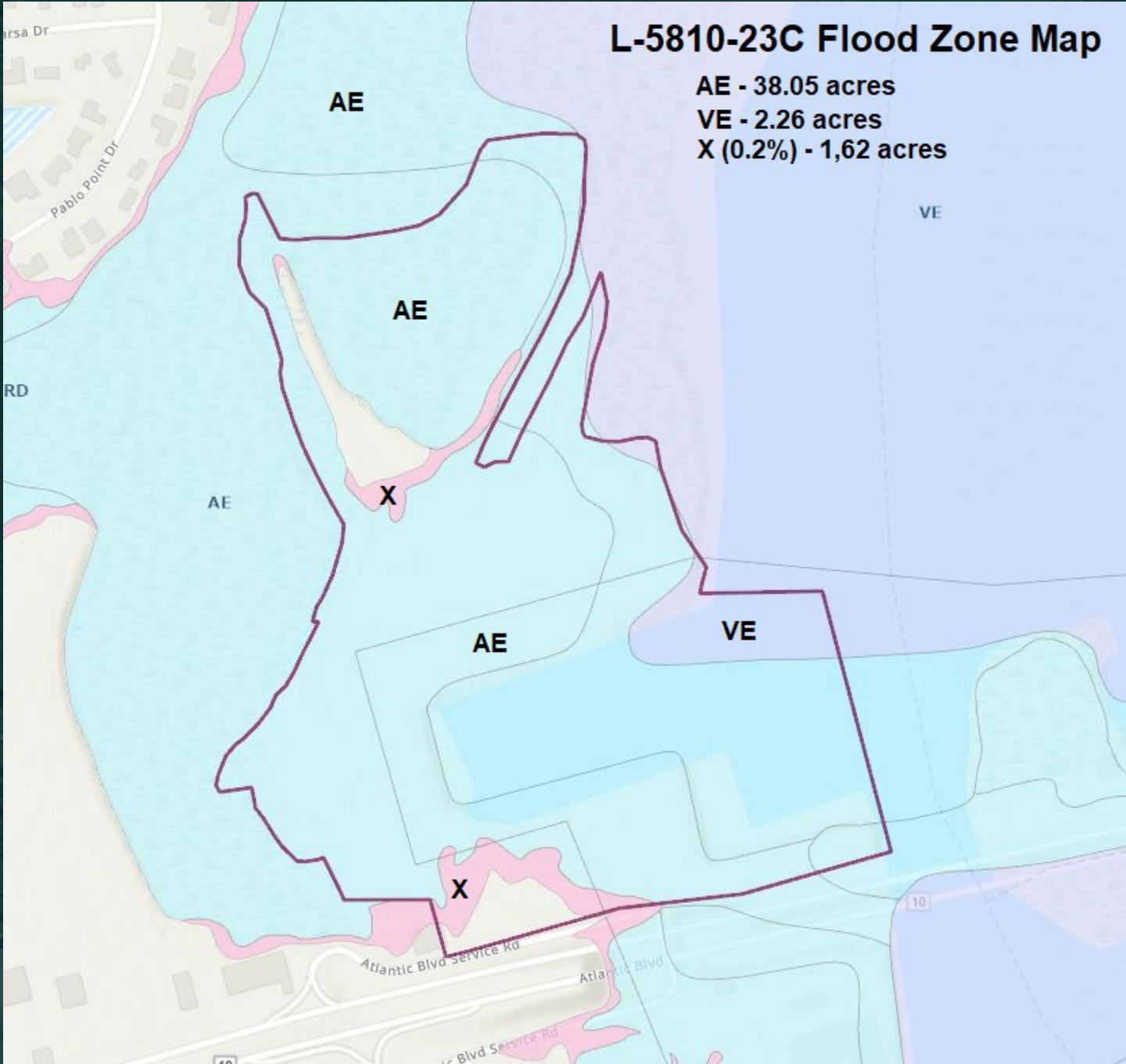
Land Use
Amendment
L-5810-23C
Ordinance 2024-
395

**Northerly
view of
Intracoastal
Waterway
from
Atlantic
Boulevard
Bridge**



Land Use
Amendment
L-5810-23C
Ordinance 2024-
395

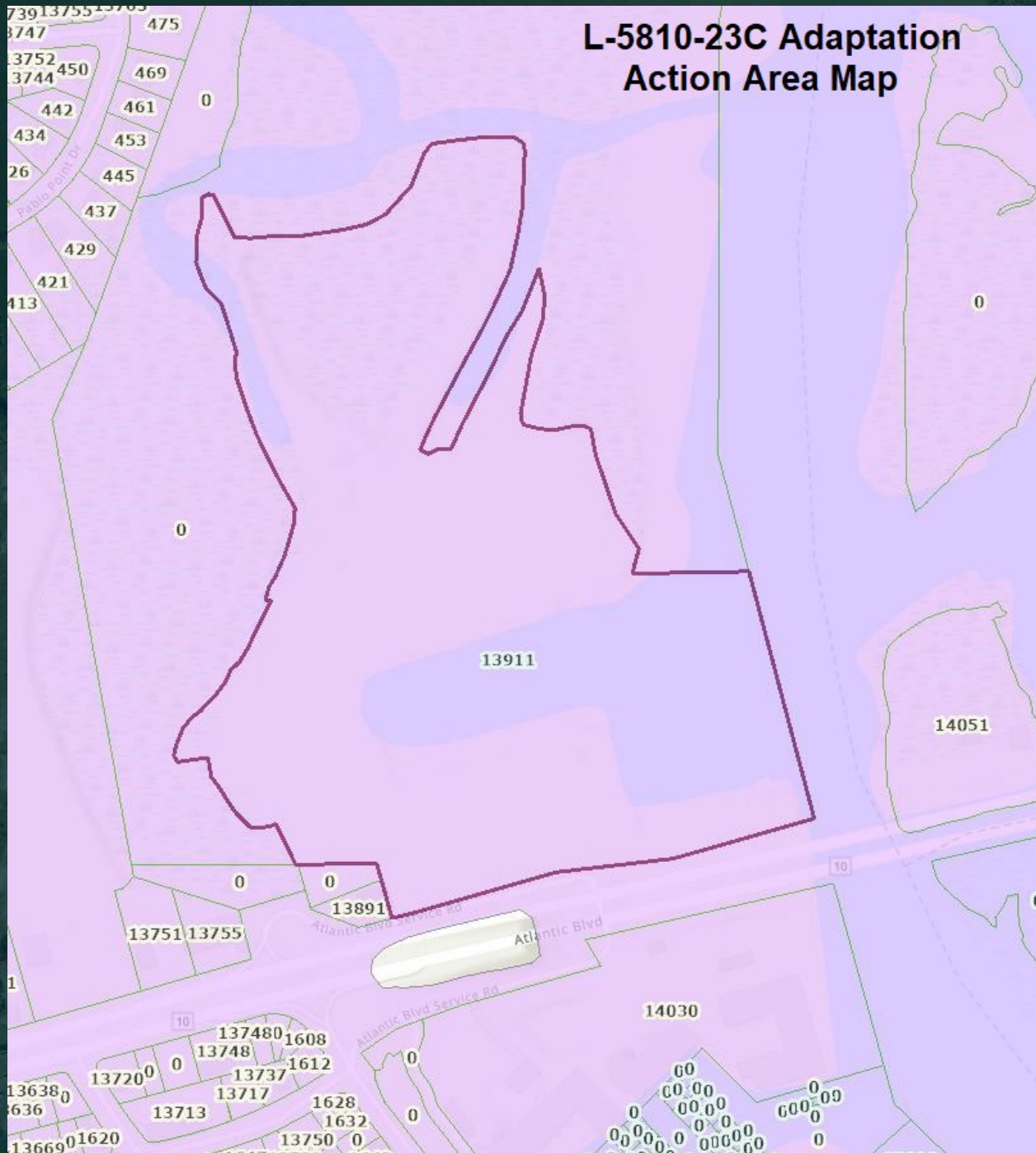
Flood Zones
Map



Land Use
Amendment
L-5810-23C
Ordinance 2024-
395

**Adaptation
Action Area
Map**

**L-5810-23C Adaptation
Action Area Map**



Land Use
Amendment
L-5810-23C
Ordinance 2024-
395

GIS Wetlands
Map

Total Wetland
Acreage
Category I
8.76 acres



Land Use Amendment

L-5810-23C

Ordinance 2024-395

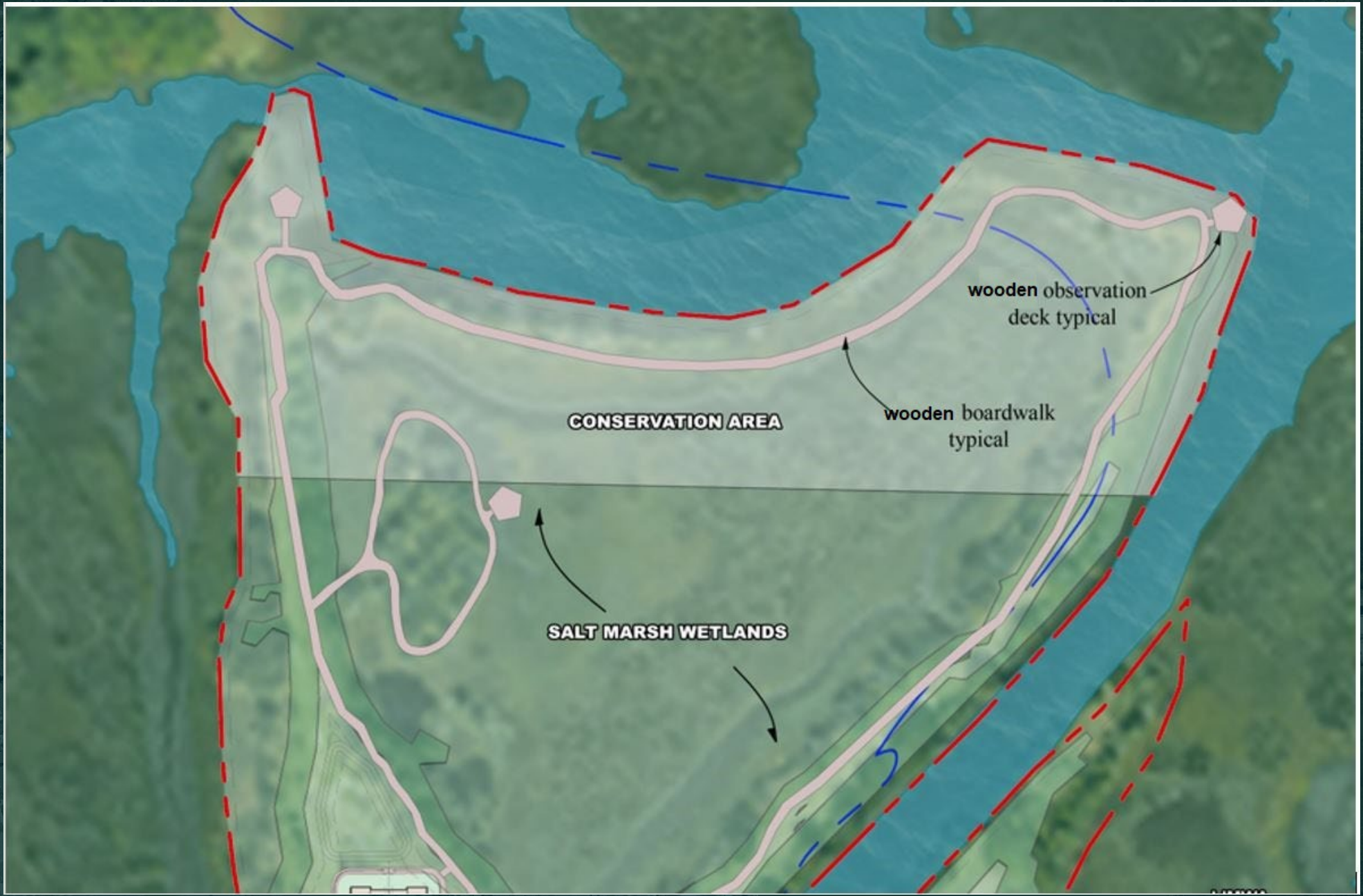
**Boat Siting Facility
Zone**

***Special Development Area
650 Boat Slips Allowed**



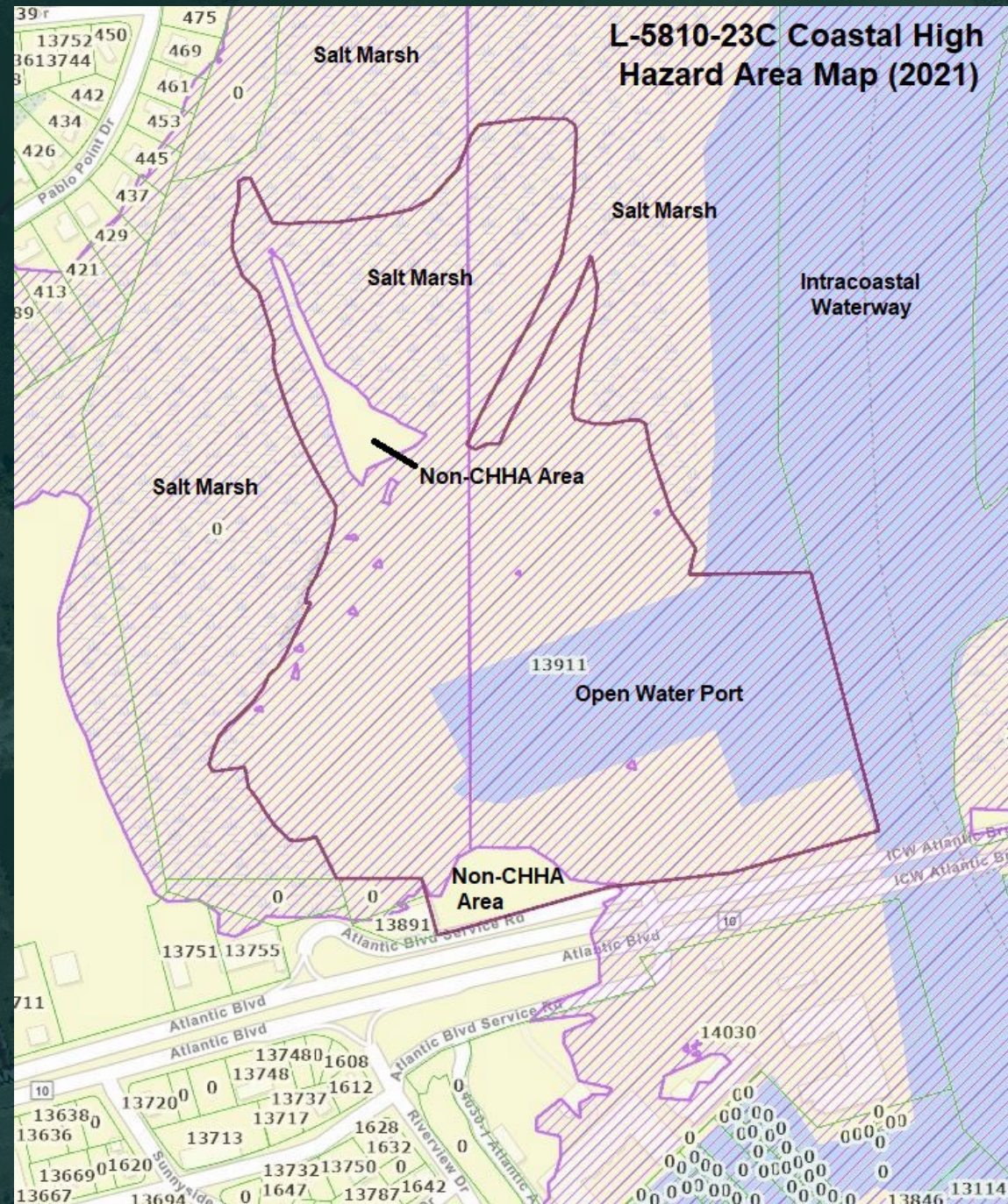
Land Use
Amendment
L-5810-23C
Ordinance 2024-
395

Proposed
Conservation
Area



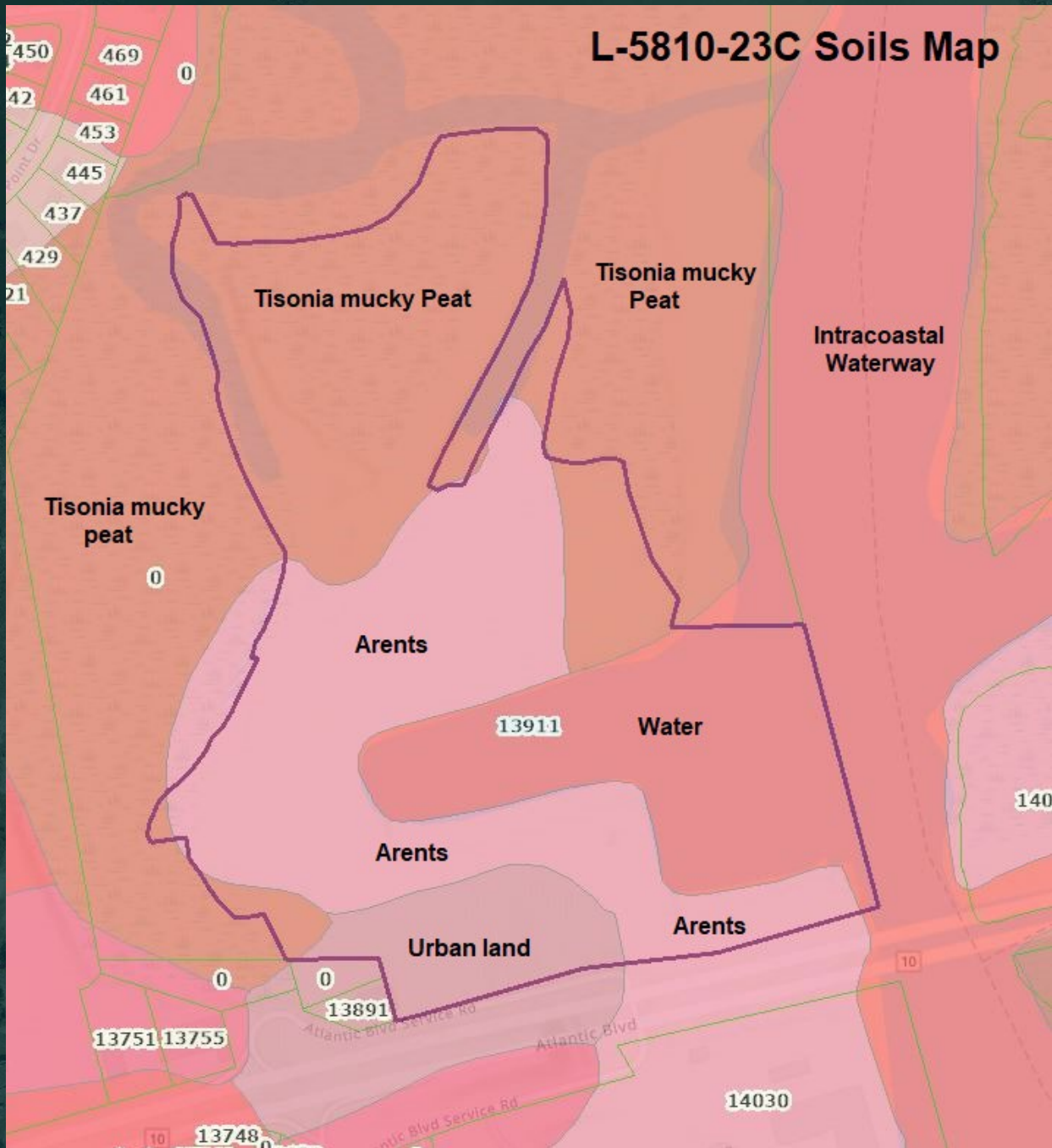
**Land Use
Amendment
L-5810-23C
Ordinance 2024-395**
**Coastal High
Hazard Area
(CHHA) Map**

**Total CHHA
Acreage**
- 41.55 acres below
8 Foot Elevation
- 19.19 acres over
Salt Marsh and
Open Water
- 22.36 acres over
Non-open Water of
the Port



Land Use
Amendment
L-5810-23C
Ordinance 2024-
395

Soils Map

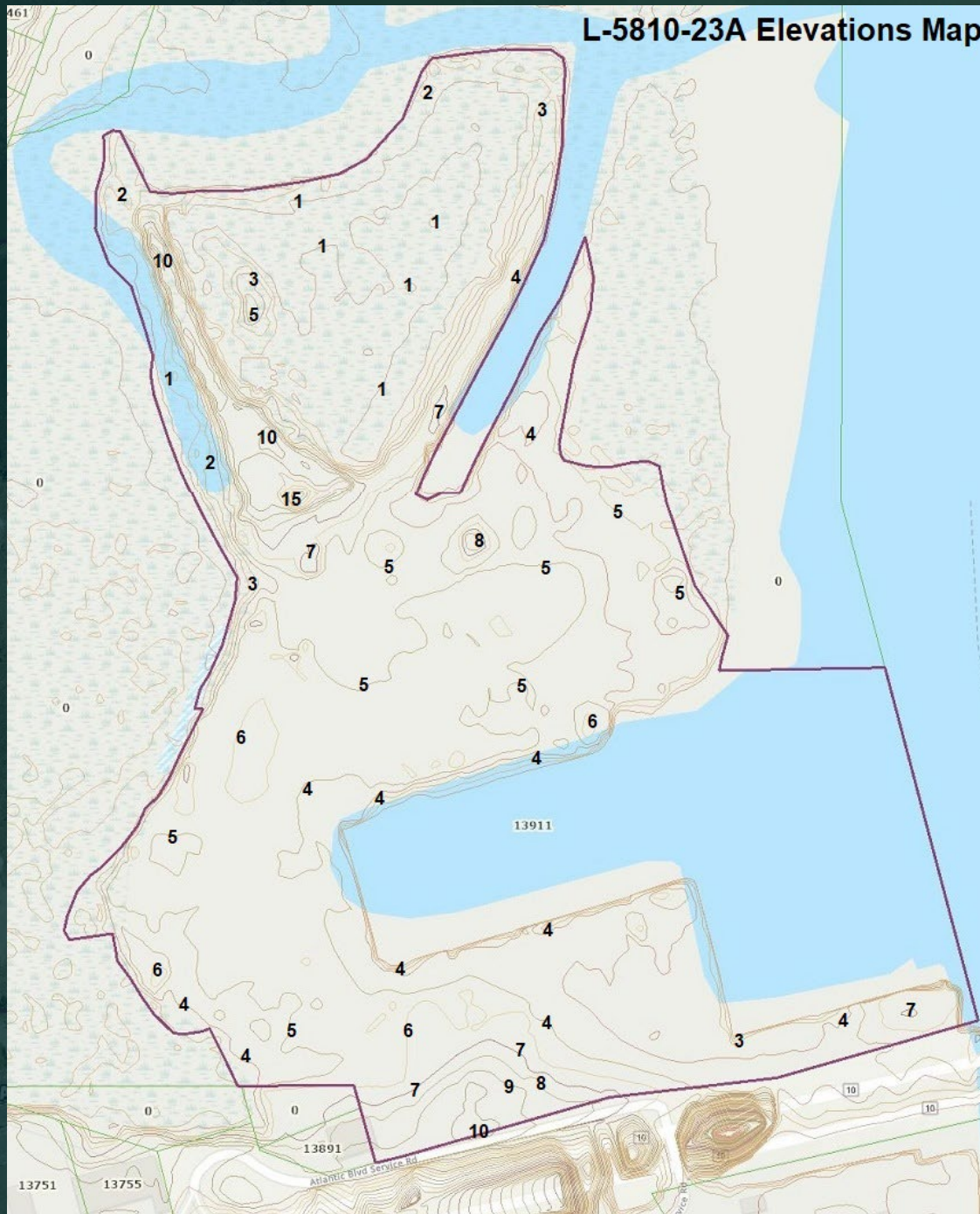


PICARSA DR

Land Use
Amendment
L-5810-23C
Ordinance 2024-
395

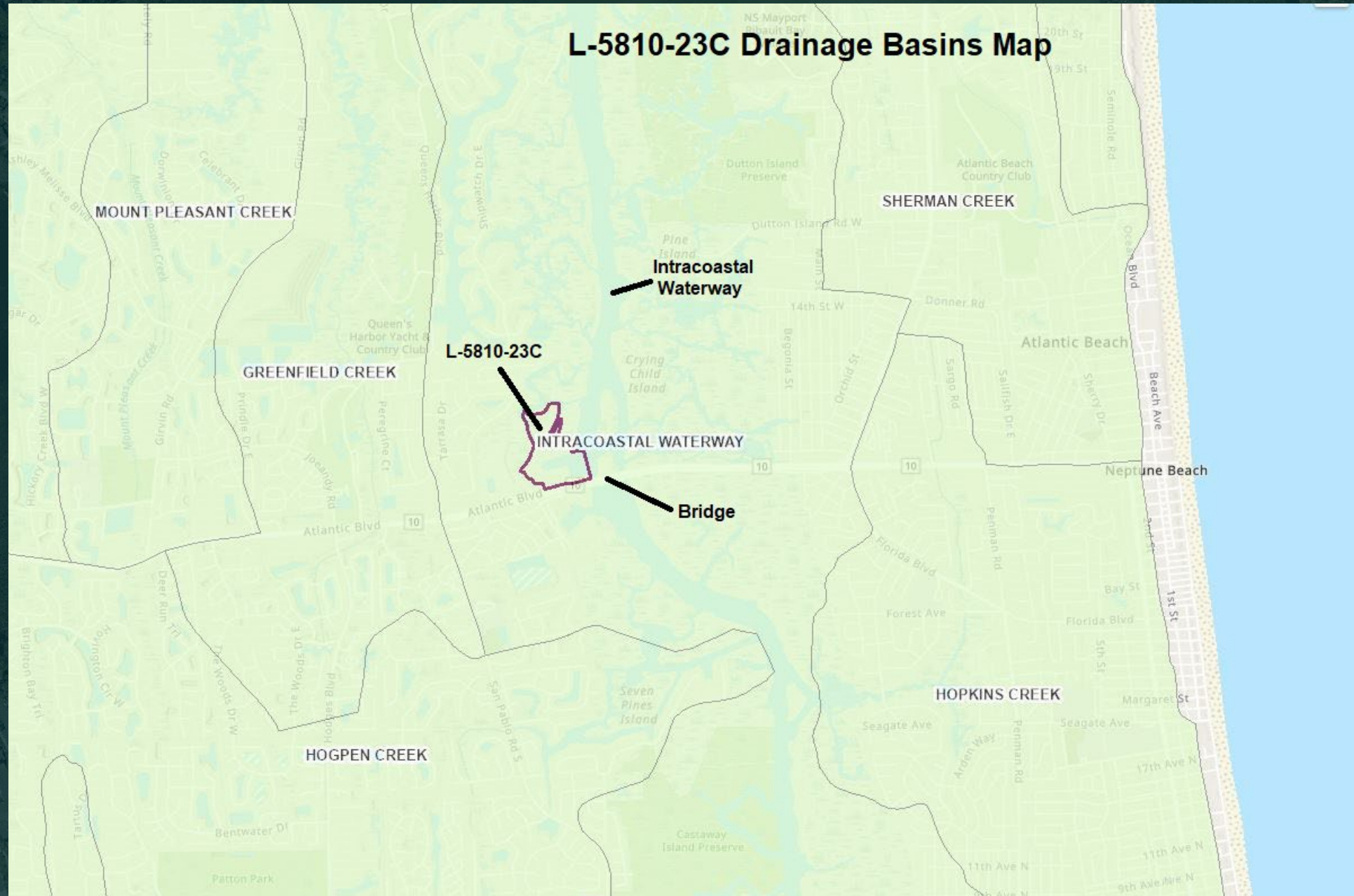
Elevations
Map

L-5810-23A Elevations Map



Land Use
Amendment
L-5810-23C
Ordinance 2024-
395

Drainage
Basins Map



Land Use Amendment L-5810-23C

Ordinance 2024-395

Drainage Path Map

Application Site



Intracoastal
Waterway



St. Johns River

