

PRELIMINARY AGENDA
FLORIDA INLAND NAVIGATION DISTRICT
Board of Commissioners Meeting
9:00 AM, Saturday June 17, 2023
Courtyard by Marriott Cocoa Beach Cape Canaveral
3435 North Atlantic Avenue, (A1A)
Cocoa Beach, (Brevard County) FL 32931

ITEM 1-B. **9:00 AM Reconvene/Call to Order**
Chair Blow will call the meeting to order.

ITEM 2-B. **Pledge of Allegiance** - Commissioner Sansom will lead the Pledge of Allegiance.

ITEM 3-B. **Roll Call** - Secretary Davenport will call the roll.

ITEM 4-B. **Additions or Deletions**
Any additions or deletions to the meeting agenda will be announced.
Recommend : Approval of Final Agenda.

ITEM 12. **Comments and Project Status from the U.S. Army Corps of Engineers.**
The U.S. Army Corps of Engineers' (USACE) Intracoastal Waterway (IWW) Project Manager, Mr. Eduardo Marin, is scheduled to present an update on projects and activities within the District and provide the District with a request for Work Order funding for essential maintenance dredging of the Intracoastal Waterway (IWW) near Matanzas Inlet.

The USACE has prepared plans and specifications for the maintenance dredging of the IWW in the vicinity of Matanzas Inlet and is preparing to bid the project. In accordance with the Memorandum of Agreement and Contributed Funds Agreement between the USACE and FIND, the USACE is requesting supplemental funding for the completion of this important project.
(Please see pages 5-24)
Recommend: Approval of Work Order #56-2023-03 with the U.S. Army Corps of Engineers to request District funding for required maintenance dredging of the IWW in the vicinity of Matanzas Inlet, St. Johns County, FL.

ITEM 10. (cont.) **Presentation of WAP Applications (cont.) (Items 10.37 thru 10.45)**

BREVARD

ITEM 10.37	9:10 AM City of Cocoa	Cocoa Waterfront Public Docking & Breakwater Ph I	pgs 25-38
ITEM 10.38	9:20 AM City of Cocoa Beach	Cocoa Beach Police Vessel 2023	pgs 39-52
ITEM 10.39	9:30 AM City of Cocoa Beach	Public Channel Marker Replacement FY 2024	pgs53 -66
ITEM 10.40	9:40 AM City of Melbourne	Front Street Boat Ramp Dock Replacement Phase I	pgs 67-79
ITEM 10.41	9:50 AM City of Palm Bay	Castaways Point Park South Fishing Pier	pgs 80-96

NASAAU

ITEM 10.42	10:00 AM City of Fernandina Beach	Fernandina Marina 2023 Dredging	pgs-97-114
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VOLUSIA

ITEM 10.43	10:10 AM	City of Daytona Beach	City Island Shoreline Enhancement Phase I	pgs 115-128
ITEM 10.44	10:20 AM	City of New Smyrna Beach	North Causeway Boat Ramp Dock & Amenity Phase II	pgs 129-142
ITEM 10.45	10:30 AM	City of Port Orange	Day Dock at Riverwalk Park Phase I	pgs 143-156

ITEM 11-B. 10:40 AM Public Comments

(Public Comment may occur up to an hour earlier than time stated if presentations finish ahead of schedule)

Public comment is limited to 3 minutes per speaker. The public is invited to provide comments on issues that are on today's agenda. All comments regarding a specific agenda item will be considered at the end of the day following the grant applicant presentations. Please note: Individuals who have comments concerning a specific agenda item should fill out a speaker card and communicate with staff.

Concrete Repair Proposal for SJ-14 for Dredged Material Management Area (DMMA) SJ-14, St. Johns County, FL.

ITEM 13.

Earlier this year, the District completed a project to remove and replace a section of damaged HDPE pipe from the permanent discharge pipeline system of DMMA SJ-14. The project was completed in advance of the US Army Corps of Engineers (USACE) Palm Valley South Dredging Project, which would utilize DMMA SJ-14. Due to time constraints with the USACE project, a portion of the restoration work had to be omitted in order to not delay the dredging project.

Now that the dredging has been completed, it is time to address the outstanding restoration work from the pipeline repair project. Hayward Construction Group, a reputable contractor out of Jacksonville, FL, has provided a proposal to remove and replace approximately 1,500 square feet of sidewalk, install concrete bollards around the discharge pipeline vent, and cut down the excess metal around the inflow pipeline sleeve. Staff will provide the cost proposal to complete this work prior to the Board meeting.

(Please see pages 157-167)

Recommend: Approval of Hayward Construction's proposal for outstanding restoration work at DMMA SJ-14, St. Johns County, FL.

ITEM 14.

Finance & Budget Committee Report

The District's Finance & Budget Committee will provide their recommendations concerning items on their agenda.

(Please see: Finance & Budget Committee Agenda Package)

Recommend: Approval of a recommendation to the full Board of the financial statements for April 2023.

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ITEM 15.

Washington D.C. Report.

The District's federal governmental relations firm has submitted a status report concerning activity on the District's federal issues.

(Please see page 168-172)

ITEM 16.

Staff Comments

ITEM 17.

Commissioner Comments

ITEM 18.

Adjournment



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**IWW STATUS
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1. WORK ACTIVITY: DMMA O-23 (Martin County)

CONTRACT AMOUNT: \$4,174,500.00

DESCRIPTION OF WORK: Development of Plans and Specifications and Construction of DMMA O-23. DMMA will utilize the same weir system as O-7 and will have a 240k cy capacity. 100% of the funds for construction will be contributed funds from FIND.

SCHEDULE:

- | | |
|-------------------------------|------------------------------------|
| • Complete draft P&S | 9 Apr 2020A |
| • NEPA/ERP complete | 20 Apr 2021A |
| • BCOE Certification complete | 20 Apr 2021A |
| • Re Advertised | 20 Jul 2021 A |
| • Open Bids | 19 Aug 2021A |
| • Award | 17 Sept 2021A |
| • Construction Complete | 17 DEC 2022 01 Nov 2023 |

FIND WORK ORDER: FIND work order for construction was approved at the Sept 2020 FIND Board meeting.

NAME OF CONTRACTOR: Contract was awarded on 17 Sept 2021 to Dickerson Florida, Inc out of Fort Pierce, FL in the amount of \$4,173,500.00.

STATUS: Clearing and grubbing has been completed. Work on the dike lifts is at approximately 83%, drainage blanket at 90%, perimeter ditch at 90%, demolition of existing structures is at approximately 100%. Earthwork for ponds 1,2 and 3 are complete. MCBP began on the week beginning 4/17/23. Contractor's latest calculated construction completion date is August 16, 2023. Project has been delayed due to lack of progress on fabrication of the steel weir structure, which began fabrication in February but completed in the 3rd week of May.



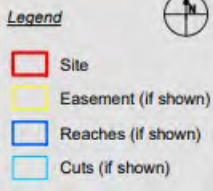
ACTION: Information Only. No action by the Board is required.



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Site	O-23		
Common Name	Jensen Beach Site		
County/City	Martin/Unincorporated		
Geographic Proximity	Off Savannah Road		
Acquisition Dates	8/30/2001, 5/13/2002		
Status	Permitting and Design *Clearing and Grubbing		
Year Constructed	** 2022		
Reach/Cuts	OWW-II / 5 to 9		
Site Acres	31.2		
Basin Acres	22.54 * ORIGINAL DESIGN		
Design Capacity (cy)	247,902 ** ORIGINAL DESIGN		



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2. WORK ACTIVITY: IWW Palm Valley South Reach (St. Johns County)

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: Maintenance dredging of the IWW Palm Valley South Reach in St. Johns County. There is approximately 250k cy of material within the reach. Dredge material will be placed in DMMA SJ-14.

SCHEDULE (DRAFT):

- | | |
|-------------------------------|----------------------------------|
| • Complete draft P&S | 31 March 2022A |
| • BCOE Certification complete | 30 Sep 22 02 Dec 22A |
| • Advertise | 22 Jul 22A |
| • Bid Opening | 30 Sep 22 13 Dec 22A |
| • Award | 2 March 23 12 Jan 23A |

FIND WORK ORDER: FIND work order was approved at the May 2022 Board meeting and funds have been received. The project is a combination of Federal and FIND funds.

NAME OF CONTRACTOR: Awarded to Southwind on 12 January 2023 at \$4,504,806.48

STATUS: Contractor completed dredging on 11 May 2023 and is currently demobilizing from the site.

ACTION: Information only. No action required by the board.



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3. WORK ACTIVITY: IWW Volusia (Volusia County)

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: Maintenance dredging of the IWW Volusia Reach. Anticipate 300k-400k cy of material to be dredged out of the federal channel. Dredge material will be placed in the nearshore disposal area located south of the Ponce Inlet. This effort will be consolidated with Ponce Inlet O&M dredging as was done in the 2017/2018 event.

SCHEDULE (DRAFT): To be updated in June's Status update

- | | |
|----------------------|------------|
| • P&S Kick off | 27 Apr 22A |
| • BCOE Certification | 30 Apr 24 |
| • Advertise | 30 May 24 |
| • Award | 27 Aug 24 |
| • NTP | 17 Sep 24 |

FIND WORK ORDER: Board approved work order.

STATUS: The Murden completed Ponce Inlet and began dredging IWW on 21 May. Anticipated to remove approximately 37,000 cubic yards from IWW with placement in the nearshore north of the Inlet.

The PDT is collecting the necessary surveys to design the temporary stockpile located on the beach north of the Inlet.

ACTION: Informational, no action is required by the Board.



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4. WORK ACTIVITY: AIWW Sawpit Reach (Nassau County)

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: USACE received \$5M in infrastructure funding for the AIWW Sawpit. Project will include maintenance dredging of the AIWW Sawpit Reach in Nassau County. We anticipate 400k-600k cy of material within the federal channel. 95% of the material will be placed on the beach at the State Park, with the remaining 5% being placed upland in DU-2.

SCHEDULE (DRAFT):

- | | |
|----------------------|----------------------------------|
| • Kick off P&S | 26 Apr 22A |
| • BCOE Certification | 30 Jun 23 31 Jan 24 |
| • Advertise | 18 Jul 23 28 Feb 24 |
| • Award | 25 Sep 23 30 April 24 |

FIND WORK ORDER: TBD – anticipate a combination of Fed funding and FIND contributed funds depending on the size of the contract. If required a work order will be presented to the Board in November 23.

NAME OF CONTRACTOR: TBD

STATUS: P&S kicked off on 26 Apr 22. Real Estate Use Agreement between FIND, USACE and the State Park for placement is complete. Additional hydrosurveys to respond to DEP RAI #3 is scheduled for collection the second week of June. This has pushed receiving the DEP permit potentially to September 2023.

ACTION: Informational, no action is required by the Board.



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5. WORK ACTIVITY: IWW Matanzas

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: USACE expected to receive \$4M in FY 23 President's Budget. Project will include maintenance dredging of the IWW Matanzas in St. Johns County. It's anticipated that 300k-400k cy of material is within the federal channel. Placement of material will occur on the beach just south of Matanzas Inlet.

SCHEDULE (DRAFT):

- | | |
|----------------------|------------|
| • Kick off P&S | 12 Jan 23A |
| • BCOE Certification | 5 Jun 23 |
| • Advertise | 29 Jun 23 |
| • Award | 28 Aug 23 |

FIND WORK ORDER: A Dredge Work Order has been submitted for board approval.

NAME OF CONTRACTOR: TBD

STATUS: P&S kicked off on 12 January. Project is to remove approximately 378,000 CY from IWW with placement on the beach near Summer Haven. Project is on track for 28 August 23.

ACTION: Approve Dredge Work Order.



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FLORIDA INLAND NAVIGATION DISTRICT INTRACOASTAL WATERWAY WORK ORDER No. 57-2023-03



In accordance with the Memorandum of Agreement (MOA) between the Department of the Army and the Florida Inland Navigation District (FIND) for acceptance of contributed funds for the Atlantic Intracoastal Waterway, entered into on September 3, 1997, as amended on October 22, 2001, by amendment number 1, work order number 57-2023-03 is described per the following requirements:

1. Project Name: Atlantic Intracoastal Water Way (IWW) Jacksonville to Miami Maintenance Dredging, 12-foot Project in the vicinity of Matanzas Inlet.

2. Detailed Scope of Work: The United States Army Corps of Engineers (Corps) will be performing operation and maintenance (O&M) dredging along the IWW in the vicinity of Matanzas Inlet. Dredging material will be placed on Sumer Haven Beach.

3. Tentative Schedule:

FIND Board Approves Work Order	17 June 2023
Advertise	28 June 2023
Award	28 August 2023
Contract Completion	20 March 2024

4. Funding arrangements providing for funding of obligation: Contributed funds must be received and placed in escrow in accordance with the MOA, as amended, prior to advertisement.

5. The amount of funds required and available to accomplish the scope of work: Based on the current working level cost estimate, it is anticipated that \$X,XXX,XXX.00 of Contributed Funds will be needed to implement this O&M dredging project. Should there be any excess funds after completion of the contract, the Government will reimburse excess funds pursuant to the MOA.

6. Identification of individual project managers: The Contributor's project manager is! Mark Crosley, 561-627-3386. The Government's project manager is Eduardo Marin,! 904-635-0665.

7. Types and frequency of reports: Monthly construction progress reports will be! provided. Copies of all pay estimates will be provided as they are finalized. The Corps! will also provide quarterly accountings in accordance with the MOA.

8. Identification of which party is responsible for contract administration, records maintenance, and contract audits: The Corps North Florida Construction Field Office will be responsible for administration of the contract and all subsequent records. Weekly progress meetings will be established by the contractor.

9. Procedures for amending or modifying the work order: This work order can be amended or modified in writing with mutual consent of both parties. In the event agreement on the amendment or modification cannot be reached, provisions of the MOA shall govern.

10. Such other particulars as are necessary to describe clearly the obligations of the parties with respect to the requested goods and services for this work order: None

THE DEPARTMENT OF THE ARMY

FLORIDA INLAND NAVIGATION
DISTRICT

BY:_____

BY:_____

James L. Booth
Colonel, U.S. Army
District Engineer

Spencer Crowley
Chair, Florida Inland Navigation District

DATE:_____

DATE:_____



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5. WORK ACTIVITY: IWW Crossroads & the Vicinity of Jupiter Inlet.

CONTRACT AMOUNT: TBD

DESCRIPTION OF WORK: USACE expected to receive \$4 M in FY 24 President's Budget. Project will include maintenance dredging of both IWW Crossroads in Martin County and near Jupiter Inlet in Palm Beach County. It's anticipated that 150k cy of material is within the federal channel. Placement of material for Crossroads is in the St. Lucie Inlet Impoundment Basin and for Jupiter Inlet is on the beach south of the Inlet.

SCHEDULE (DRAFT):

- | | |
|----------------------|-----------|
| • Kick off P&S | 01 Nov 23 |
| • BCOE Certification | 13 Jun 24 |
| • Advertise | 16 Jul 24 |
| • Award | 13 Sep 24 |

FIND WORK ORDER: TBD

NAME OF CONTRACTOR: TBD

STATUS: P&S kicked is scheduled to kicked off in November of 2023. Project has active DEP permits.

ACTION: No Action is required from the Board.



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6. MISCELLANEOUS:

A. Establish FIND as the local sponsor for Martin and Palm Beach Counties along the OWW.

USACE OC has met with SFWMD OC regarding the path forward to make FIND the local sponsor for Martin and Palm Beach Counties along the OWW.

Background: In 2005 Florida legislature amended Section 374.984, Florida Statutes to assign responsibility and authority to FIND for the portion of the OWW located in Martin and Palm Beach Counties (link to the full statute:)

http://www.leg.state.fl.us/statutes/index.cfm?App_mode=Display_Statute&Search_String=&URL=0300-0399/0374/Sections/0374.984.html.

Section 374.984 falls under Part II of Chapter 374, where Part II is “Florida Inland Navigation District Law”. Paragraph 6.h. of Section 374.984 states, “(h) The district is designated the local interest sponsor for the sole purpose of maintaining navigability of that portion of the Okeechobee Waterway located in Martin and Palm Beach Counties.”

Next step:

1. SFWMD will submit a letter to SAJ recognizing the Florida law that designates FIND as responsible for maintaining navigability of that portion of the OWW and requesting the termination of its responsibilities as non-federal sponsor (NFS) of the portion, with a copy furnished to FIND. - **DONE**

2. In parallel with SFWMD’s letter, FIND will submit a letter to SAJ requesting to be the NFS for the portion of the OWW within Martin and Palm Beach Counties, with a copy furnished to the SFWMD. - **DONE**

3. SAJ will draft an agreement for FIND to assume O&M responsibilities for the portion of the OWW within Martin and Palm Beach Counties. - **Draft Project Partnership Agreement is currently under review.**

-SAJ can prioritize executing a Contributed Funds Agreement (CFA) while drafting the Project Partnership Agreement (PPA). FIND as requested to prioritize the CFA. -**Congressional notification package was submitted on 26 May 23 to SAD.**

4. After execution of the PPA, SAJ will send a letter to SFWMD acknowledging the termination of its role as a NFS for the specified portion of the OWW and clarifying the SFWMD’s continued role as NFS for the remaining portion of the OWW, with a copy furnished to FIND.

5. The next item needed is a contributed funds agreement for the OWW. The contributed funds agreement unfortunately will not be of the magnitude of the IWW/AIWW one in that the new



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model only allows for a smaller duration and funding limit. For example, effort should be made for the maximum agreement duration, likely a 7-10 year contributed funds agreement with specific areas outlined (as compared to the existing IWW/AIWW agreement that is a 50-year agreement with no maximum contribution or specific reaches listed).

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ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Cocoa			
Department: Cocoa Community Redevelopment Area			
Project Title: Phase 1 Design – Cocoa Waterfront – Public Docking Slips with Breakwater			
Project Director: Charlene Neuterman		Title:	Community Services Director
Project Liaison: <small>(if different from Director)</small>	Connor Williams	Title:	Grants Writer
Mailing Address:	65 Stone St.		
City: Cocoa	Zip Code:	32922	
Email Address: CWilliams@cocoafl.gov	Phone #:	(321) 433-8684	
Project Address:	300 Riveredge Blvd - Lee Wenner Park		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE:  DATE: 03/20/23

<p>PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)</p> <p>Phase 1 Design</p> <p>Design 14 Public Docking Slips destroyed by Hurricanes Ian and Nicole 2022. Permit 14 Public Docking Slips Slips. Design to include a breakwater and/or rip rap. These day slips provide public docking access for day-boaters ranging in size from 20 to 33 feet in length.</p>
--

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Cocoa	Project Title: Phase 1 Design – Cocoa Waterfront – Public Docking Slips with Breakwater	
Total Project Cost: \$ 168,000	FIND Funding Requested: \$ 84,000	% of Total Cost: 50
Amount of Applicant's Matching Funds:	\$84,000	
Source of Applicant's Matching Funds:	Cocoa CRA TIF funds	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

3. Has the District previously provided assistance funding to this project or site? Yes ☒ No: ☐

4. If yes, please list:

BV-CO-17-134
BV-CO-17-139E

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

4 Boat Ramps, 70 vehicles spaces, 55 boat with trailer spaces; all spaces are paved.
250' T-dock, with related 1,850 linear feet of waterside walkway.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

14 public boat slips for daytime boat usage.

7. Are fees charged for the use of this project? No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	Yes	TBD	
DEP			
ACOE	Yes	TBD	

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Phase 1 Design – Cocoa Waterfront – Public Docking Slips with Breakwater
Applicant:	City of Cocoa

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

7. Acquisition, dredging, shoreline stabilization and development of public boat docking and mooring facilities.

- b) Explain how the project fits this priority category.**

The previous, and future, publicly-accessible boating slips provide boaters with the opportunity to stop along the Intracoastal Waterway in Cocoa. The Public docking slips provide easy access to Cocoa Village, which features restaurants and other land-side facilities and amenities. The City of Cocoa regularly hosts events that accommodate the boating public, including events such as concerts at the Riverfront Park.

(For reviewer only)

Max. Available Score for application 47

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

Lee Wenner Park is located directly on the ICW and provides both boaters and non-boaters access to the waterway. Reconstructing the public docking slips will attract boaters looking for a local and safe play to tie up.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

14 Public docking slips will be provided to the boating public.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

This project will provide 14 public day slips in the Cocoa waterfront. These slips will see peak use weekdays during lunch and dinner, all day on the weekends.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

This project will provide 14 public docking slips in the Cocoa waterfront. The previous slips saw peak use weekdays during lunch and dinner, and all day on the weekends, and the new slips will see the same usage.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

No.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

We currently anticipate a three year process for design and permitting.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

Permitting associated with the design process and the incorporation of a wave attenuation plan (for further mitigation plans for the site, in light of the recent hurricane damages) may influence the timeline.

(For reviewer only)

(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

The City of Cocoa CRA will be providing the full amount of the City's 50% matching portion - \$84,000.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

N/A

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

No. The site is free and open to the public.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

(For reviewer only)

(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The previously-built docking slips were destroyed by Hurricanes Ian and Nicole. The 14 new and revised docking slips, once constructed, will fulfill the Public's need for increased boating access to the Cocoa Waterfront and Cocoa Village as called for in the City's Waterfront Master Plan.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The City of Cocoa will use general fund dollars on an annual basis to maintain the facilities once constructed.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

Yes. The City has a Waterfront Master Plan that includes docking slips.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
If permits are NOT required, explain why not.**

No. All relevant permits will be applied for as part of this Phase 1 request.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

We currently anticipate the Phase 1 allowing the construction of the 14 docking slips and the related breakwater/rip rap, estimated at \$1.5 million.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

N/A

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) **Has the design work been completed?**
If this is a Phase I project, has a preliminary design been developed?

A preliminary design has not been developed.

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

ADA standards will be incorporated into the construction of the docking slips. As well, there is a potential to incorporate a living breakwater into the overall site.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) **Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

N/A., as this is a Phase 1 design. Potential techniques will be based on Phase 1 engineering needs.

- b) **What is the design life of the proposed materials compared to other available materials?**

Phase 1 designs account for a minimum of 25 years for in-water facilities. The City of Cocoa strives to have its infrastructure to reach a safe and steady 50 year lifespan.

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

The City has a selection of CSS signs educating the public at the boat ramps. We also have a fishing string collection tube on-site. The CSS signs also have links to other agencies and their respective missions.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

Sea level rise considerations resulted in raising our boat ramps by six inches. These considerations will factor into the docking slips as well.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Phase 1 Design – Cocoa Waterfront – Public Docking Slips with Breakwater
Applicant:	City of Cocoa

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Phase 1 Design and Permits for 14 Docking Slips	\$168,000	\$84,000	\$84,000
**TOTALS =	\$ 168,000	\$ 84,000	\$ 84,000

ATTACHMENT E-6 PROJECT TIMELINE

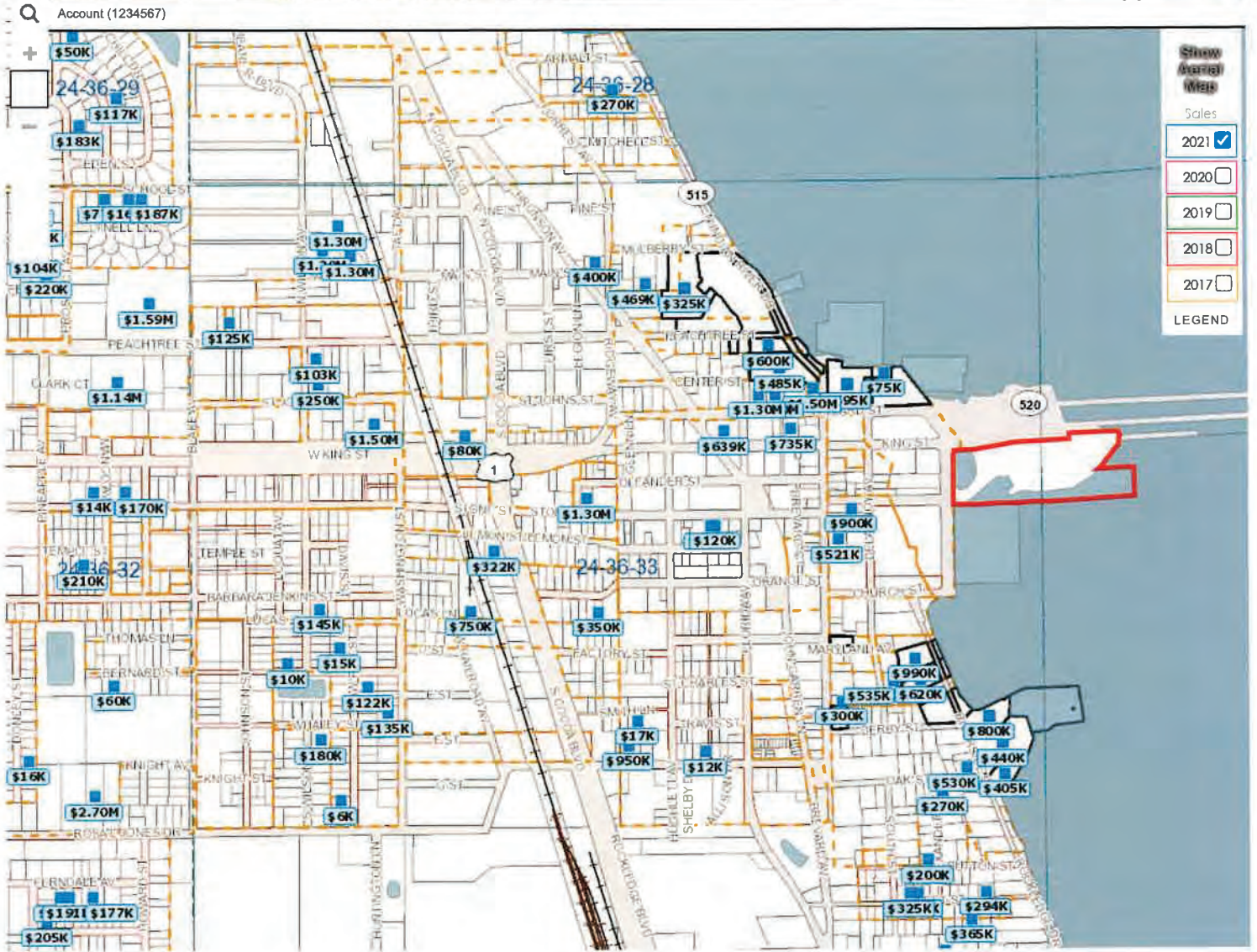
WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Phase 1 Design – Cocoa Waterfront – Public Docking Slips with Breakwater
Applicant:	City of Cocoa

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
10/1/23	Task Order for Design and Permitting will requested and evaluated.
11/14/23	Task Order to be awarded by Council.
12/1/23	Purchase Order for task order services will be issued.
12/1/23	NTP to selected Design Firm.
9/1/25	City of Cocoa to request an extension if necessary.
11/30/26	Anticipated Design and Permitting completion.



Account: 3018616 Parcel ID: 24-36-33-00-43
Sale: N/A
BCPAO Market Value: \$792,520
Owners: COCOA, CITY OF
Address: 1909 UNKNOWN FL



Zoom | Clear | Details | EagleView | Hide Info

BCPAODana Blickley, CFA, Brevard County Property Appraiser | Instructions | Disclaimer



N

520

520

Hubert Humphrey Causeway

W Merritt Island Causeway

520

Willard St

W King St

Riveredge Blvd

Delannoy Ave

Harrison St

Harrison St

Project
Limits

Church St

515

1985

ITEM 10.37

Google Earth

28°21'18.70" N 80°43'16.39" W elev 0 ft eye alt 1975 ft

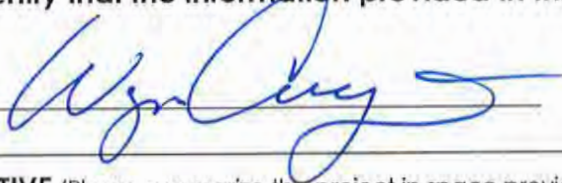


ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Cocoa Beach			
Department: Public Works			
Project Title: Cocoa Beach Police Patrol Vessel Project FY23			
Project Director: Wayne Carragino		Title:	Asst. City Manager
Project Liaison: <small>(if different from Director)</small>		Title:	
Mailing Address:	1600 Minutemen Causeway		
City: Cocoa Beach, Florida	Zip Code:	32931	
Email Address: wcarragino@cityofcocoa beach.com	Phone #:	321 604 0601	
Project Address:	Waters of the City of Cocoa Beach, Florida		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____



DATE: 2/16/23

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The Police Department's (PD) marine patrol vessel was replaced in Fiscal Year 2021 with the help of a FIND grant.

The amount of boating, fishing, kayaking, commercial activity, tourism, and kite boarding has grown exponentially. Our PD is being taxed in their ability to respond to calls in the public waterways of the Banana River with one patrol vessel.

The purchase of this additional vessel will provide the PD with the means to continue and enhance its marine patrol program by providing enforcement within all the waterways and secondary connecting channels of its jurisdictional boundaries and assist the Fire Department in responding to incidents occurring anywhere on the waterways of the city if necessary.

ATTACHMENT E-3 PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Cocoa Beach	Project Title: Cocoa Beach Police Patrol Vessel Project FY23	
Total Project Cost: \$ \$100,000	FIND Funding Requested: \$ \$50,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$50,000	
Source of Applicant's Matching Funds:	City of Cocoa Beach Capital Improvements Budget FY 2024.	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

N/A

3. Has the District previously provided assistance funding to this project or site? Yes ☐ No: ☒

4. If yes, please list:

N/A

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

There are three (3) public boat ramps in the City of Cocoa Beach.

1) Ramp Road Park 2) Bicentennial Park and 3) Holiday Lane Boat Ramp

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

N/A

7. Are fees charged for the use of this project? No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A <input type="text"/>		
DEP	N/A <input type="text"/>		
ACOE	N/A <input type="text"/>		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Cocoa Beach Police Patrol Vessel Project FY23
Applicant:	City of Cocoa Beach

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application. (The application may only be of **one** type based upon the predominant cost of the project elements.)

13. Waterway boating safety programs & equipment.



- b) Explain how the project fits this priority category.

The PD has only one marine vessel which is used to patrol all the water of the city. The PD proposes to add an additional vessel to better patrol the waters of Cocoa Beach. The purchase of the additional patrol vessel will provide the PD with the means to continue and enhance its marine patrol program by providing complete enforcement within the waterways and secondary connecting canals of its jurisdictional boundaries and assist the Fire Department in responding to incidents occurring anywhere on the waterways of the city if necessary.

(For reviewer only)

Max. Available Score for application 45

Question 1. Range of Score (1 to 3 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.

The City of Cocoa Beach has 6 secondary connecting channels that direct and guide boaters to and from the ICW. These channels are connected to the ICW through the Banana River at the Barge Canal (Cape Canaveral) in the North and Dragon Point (Merritt Island) in the South. This project will provide increased PD presence and safety.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

This project will greatly enhance the public safety throughout the waterways of the City of Cocoa Beach. This will allow easier and safer access to the ICW. The secondary channels in the city are the shortest E-W route for accessing the ICW through the Banana River main channel for all boaters between SR 520 and the Pineda Causeway.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access.
 Estimate the amount of total public use.

Increased police presence on the secondary connecting channels will greatly improve the safety of all boaters using the waterways.
 Amount of public use is 100%.

- b) Discuss the regional and local public benefits provided by the project.
 Can residents from other counties of the District reasonably access and use the project? Explain.

The city has a large boating community that access the waterways via our public boat ramps. Other communities use our public boat ramp on a regular basis. This is highly encouraged by the city. This project will greatly improve the public safety for all of the boating public.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

There are no restrictions on commercial or public access. Our public boat ramps, channels, and navigational aids are used by fisherman, crabbers, and contractors on a regular basis. The city is aware of the limited access to the water for commercial and public activity. We make every effort to help improve access and usage.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

The funding for this project will be in the City of Cocoa Beach Capital Improvements Budget FY 2024.

In accordance with Attachment E-6 the project will begin promptly on October 4, 2021. The project is anticipated to be completed by February 16, 2021.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

Unless the grant funding is significantly less than 50% or major acts of nature occur the timeline is unlikely to be impacted.

(For reviewer only)

(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

Police Patrol Vessel Project will be a Capital Improvement project in the City's FY 2024 General Fund budget. To account for contingencies the City will set aside 100% (\$100,000) of its share.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

Patrol vessel estimates were very recently obtained, so staff does not foresee any cost increase.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

No fees are associated with the use of our public waters.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

(For reviewer only)

(1-6 points)

6) PROJECT VIABILITY:

- a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The PD has only one marine vessel which is used to patrol all the water of the city. The PD proposes to add an additional vessel to better patrol the waters of Cocoa Beach. The purchase of the additional patrol vessel will provide the PD with the means to continue and enhance its marine patrol program by providing complete enforcement within the waterways and secondary connecting canals of its jurisdictional boundaries and assist the Fire Department in responding to incidents occurring anywhere on the waterways of the city if necessary.

- b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.**

The city has consistently dedicated resources funded from its budget to maintain and patrol all waterways within its jurisdiction. The city's Police Department and a volunteer civic group (Citizens Patrol) routinely monitor and patrol the waterways and secondary connecting channels to ensure the safety of the community.

- c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?**

Yes, the project is included in the city's strategic plan. It is also consistent with the City of Cocoa Beach mission statement to keep all waterways in the city navigable for their continued recreational and commercial use. It is also an integral part of the Thousand Islands Management Plan approved by the state of Florida.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4C
EVALUATION WORKSHEET
LAW ENFORCEMENT & BOATING SAFETY PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A LAW
ENFORCEMENT OR BOATING SAFETY PROJECT

7) VIABILITY:

- c) Describe how the project will address particular public health, safety, or welfare issues of the Navigation District's Waterways.**

This project will increase the police presence on the waterways of Cocoa Beach. The vessel will be used to patrol the Banana River; including the secondary connecting channels to the ICW. This increased police presence will enable more reliable and extensive coverage. This will increase public safety and welfare.

- d) How does the project provide significant benefits or enhancements to the District's Waterways?**

The city has six secondary connecting channels to the ICW. These connecting channels and the public boat ramps in Cocoa Beach that access them are extensively used by the general boating public.

This project will facilitate increased and reliable patrolling of these connecting channels and all the jurisdictional Banana River waterways in the city.

This will have the benefit of increased safety and enforcement of boating activities for the general public accessing the ICW.

(For reviewer only)
(1-3 points)

8) EXPERIENCE & QUALIFICATIONS:

- a) **List the personnel tasked with the implementation of this project, their qualifications, previous training and experience.**

Lt. Manny Hernandez, watch Commander, Marine unit supervisor attended the 40 hour IPTM Marine Enforcement Operations - Level I course in Oct. 2007. Lt. Hernandez has been patrolling the waterways of the City of Cocoa Beach since 2007 to present day. Lt. Hernandez has participated in many marine patrol operations with surrounding agencies.

- b) **Have the personnel participated in or received state marine law enforcement training?**

Cocoa Beach Police Marine Officers participate year-round in joint operations training and special event details with local and state agencies. These special details and training include marine law, water rescue, search and rescue, disabled vessels, run-away vessels and boat operations. Lt. Hernandez training and experience include but not limited to, basic operations and tactics, marine law, navigation rules and SAR (Search and Rescue). FTO Nic Ingersoll is part of the CBPD Marine Patrol unit. FTO Ingersoll served in the United States Coast Guard retiring in 2018 as Chief Petty Officer after 20 years of service.

(For reviewer only)
(1-2 points)

9) DELIVERABLES:

- a) **Describe the anticipated, long-term measurable results of implementing this project.**

There will be an added long term safety benefit for all the boating public through shorter response time and an increased ability to access all city waters regardless of depth limitations.

- b) **What is the range or area of coverage for this project? Please provide a map of the coverage area.**

The area this project will cover is all the waterways within the Banana River jurisdiction of the City of Cocoa Beach (see Map 1). This includes all the secondary connecting channels to the ICW.

- c) **Does the project fulfill a particular community need?**

Cocoa Beach is an island community surrounded by water. Safe and secure waterways are an integral part of the city and the visiting boating community. Increased and improved police presence on our waterways will greatly fulfill a major community need.

(For reviewer only)
(1-4 points)

10) EDUCATION:

a) What are the educational benefits (if any) of this proposed project?

N/A

b) How does the project or program provide effective public boating education or expand boater safety?

The program greatly expands boater safety by allowing quicker response time to calls. The increased police presence on the waterways also conveys to the general boating public that Cocoa Beach protects and enforces all boating activity within the city's jurisdiction.

(For reviewer only)
(1 -3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Cocoa Beach Police Patrol Vessel Project FY23
Applicant:	City of Cocoa Beach

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost <i>(To the nearest \$50)</i>	FIND Cost <i>(To the nearest \$50)</i>
Purchase of a police patrol vessel and outfitting equipment.	100,000.00	50,000.00	50,000.00
**TOTALS =	\$ 100,000.00	\$ 50,000.00	\$ 50,000.00

ATTACHMENT E-6 PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Cocoa Beach Police Patrol Vessel Project FY23
Applicant:	City of Cocoa Beach

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
October 4, 2023	Begin Preparing RFP Documents
October 24, 2023	Advertise for Proposals
November 20, 2023	Select a Vendor
January 10, 2024	Purchase Vessel
February 16, 2024	Begin PD Marine Patrol Activities

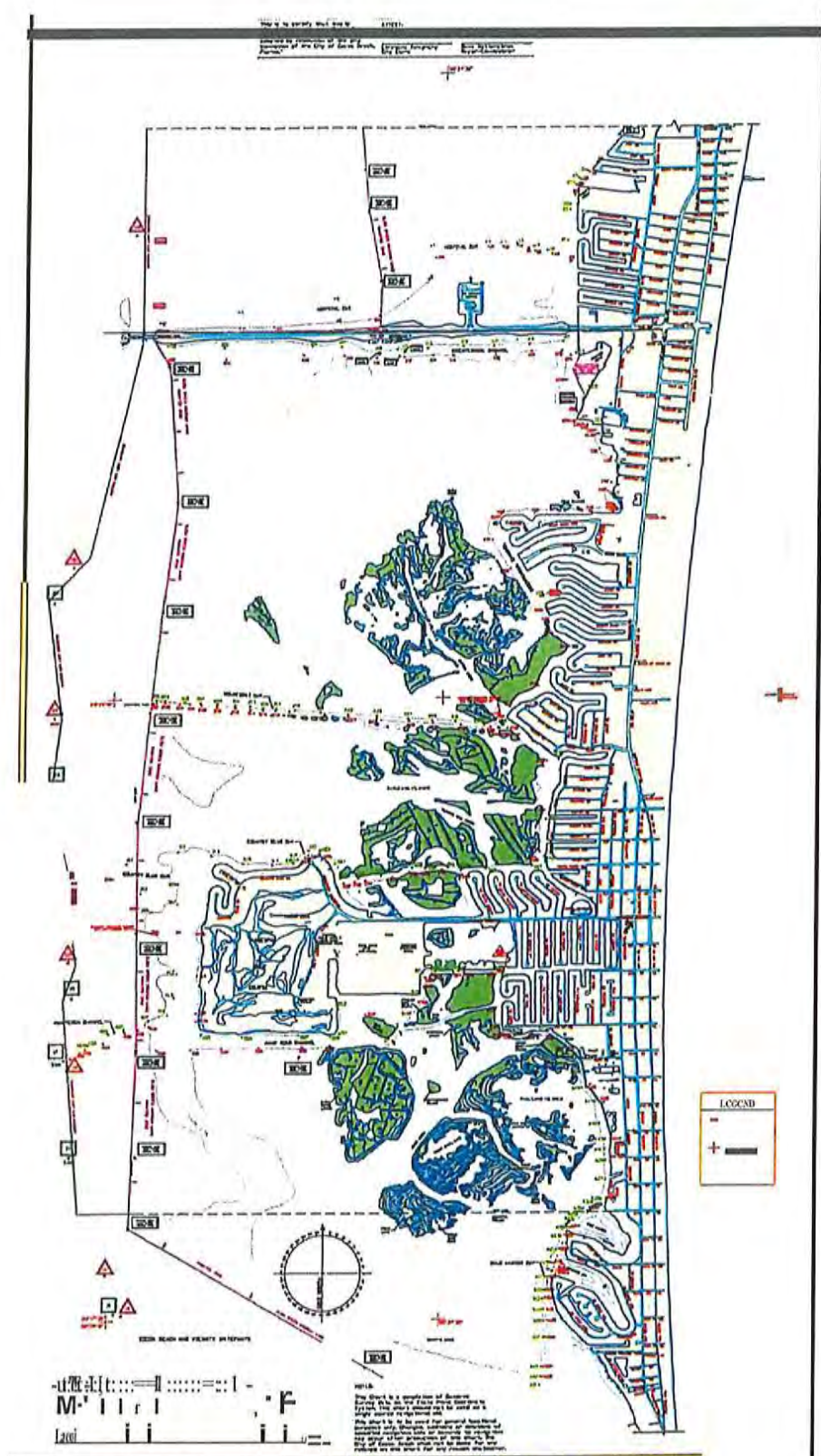


Exhibit "A"

AQUA TECH MARINE

2723 PALM BAY ROAD NORTH EAST
PALM BAY FLORIDA 32905
321-409-5712
321-409-5713 (FAX)
AQUATECHMARINEINC.COM

MARINE PURCHASE AGREEMENT

DATE		11/15/2022											
NAME		CITY OF COCOA BEACH		PHONE		321-868-3386		EMAIL		JONATHAN.MICKLER@CITYOFCOCOABEACH.COM			
ADDRESS		25 ORLANDO AVE		CITY		COCOA BEACH		State		FL			
								ZIP		32935			
BOAT MAKE		BLAZER BAY		YEAR		2023		MODEL		2020			
MOTOR 1		MERCURY		YEAR		2023		MODEL		200 YAMAHA			
MOTOR 2				YEAR				MODEL					
TRAILER		BLAZER BAY		YEAR		2023		MODEL		2020			
								SERIAL #		TBD			
								SERIAL #		TBD			
								SERIAL #		TBD			
								SERIAL #		TBD			
OPTIONAL EQUIPMENT/ACCESSORIES				AMOUNT				TOTAL PURCHASE ABOVE				\$ 76,450.00	
TWO White 10' Blade Power Pole								FREIGHT/Prep (including 1 battery)				\$2,284.00	
Bob's 10" hydraulic jack plate								Local Government Discount 5%				-\$3,822.50	
Trim Tabs								SUB TOTAL				\$74,911.50	
Garmin 743 XSV								TRADE IN				\$0.00	
Digital Controls								SUB TOTAL				\$74,911.50	
Hard t- top w/box								SALES TAX				EXEMPT	
VHF radio								PAY OFF				\$0.00	
COLORS: Pure White								REGISTRATION FEE				EXEMPT	
Stainless Steel power matched Prop								SUB TOTAL				\$74,911.50	
4" lip Transom + LP back rest				\$ 374.00				DOWN PAYMENT CASH CREDIT CK#				\$0.00	
								TOTAL DUE				\$74,911.50	
DISCUSSION OF TRADE IN													
BOAT MAKE				YEAR				SERIAL #				THE SUBJECT TO THIS CONTRACT IS BEING SOLD ON AN "AS IS" BASIS. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THIS UNIT IS WITH THE PURCHASER.	
MOTOR				YEAR				SERIAL #					
MOTOR 2				YEAR				SERIAL #					
TRAILER				YEAR				SERIAL #					
TRADE IN VALUE				AMOUNT		\$0.00							
LIEN				AMOUNT		\$ -							
TO WHOM				ACCOUNT #									
TOTAL TRADE IN ALLOWANCE				AMOUNT		\$0.00							
<p>TITLE TO THE ABOVE DESCRIBED EQUIPMENT SHALL BE TRANSFERRED TO BUYER WHEN BUYER HAS MADE PAYMENT IN FULL FOR THE EQUIPMENT. THE PARTIES TO THIS AGREEMENT ARE AWARE THAT THE TRADE-IN ALLOWANCE OR THE PURCHASE PRICE SHOWN ABOVE MAY REQUIRE ADJUSTMENTS PURSUANT TO THE PROVISIONS OF PARAGRAPHS 5,6,7, AND 11 OF THE TERMS AND CONDITIONS IN THIS CONTRACT.</p> <p>BUYER CERTIFIES THAT HE/SHE HAS READ THE TERMS AND C ONDITIONS IN THIS CONTRACT AND AGREES THAT THEY SHALL BE INCORPORATED AS PART OF THIS AGREEMENT. BUYER CERTIFIES THE FOLLOWING: 1) HE/SHE IS OF LEGAL AGE TO ENTER INTO THIS AGREEMENT; 2) THE ABOVE DESCRIBED EQUIPMENT AND INSURANCE (IF APPLICABLE HAS BEEN PURCHASED VOLUNTARILY; 3) THE TRADE-IN IS FREE FROM ALL LIENS AND ENCUMBRANCES OTHER THAN THOSE LISTED HEREIN. BUYER AGREES THAT ALL PROVISIONS TO THIS AGREEMENT (INCLUDING THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF) ARE SEVERABLE. IF ANY PROVISION IS HELD TO BE INVALID, IT SHALL NOT AFFECT THE OTHER PROVISIONS WHICH SHALL BE GIVEN FULL FORCE AND EFFECT.</p> <p>I, OR WE, HERBY ACKNOWLEDGE RECEIPT OF A COPY OF THIS ORDER AND THAT I, OR WE HAVE READ THE CONTRACT.</p> <p>I/WE ALSO AGREE THAT THE BALANCE WILL BE PAID BY CASH, BANK DRAFT, CERTIFIED CHECK OR BY EXECUTION OF A RETAIL INSTALLMENT CONTRACT OR SECURITY AGMT & ITS ACCEPTANCE BY FINANCE AGENCY. ALL DEPOSITS ARE NON-REFUNDABLE</p>													
X _____		BUYER		DATE		_____							
X _____		BUYER		DATE		_____							
X _____		DEALER		DATE		_____							

ADDITIONAL NOTES

ADDITIONAL TERMS AND CONDITIONS

BLAZER BAY 2020



ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Cocoa Beach			
Department: Public Works			
Project Title: Public Channel Marker Replacement Project FY 2024			
Project Director: Wayne Carragino		Title:	Asst. City Manager
Project Liaison: <small>(If different from Director)</small>		Title:	
Mailing Address:	1600 Minutemen Causeway		
City: Cocoa Beach, Florida	Zip Code:	32931	
Email Address: wcarragino@cityofcocoa beach.com	Phone #:	321 604 0601	
Project Address:	Public Waters of the City of Cocoa Beach, Florida		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____



DATE: 3/20/23

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

Replace missing and damaged wooden channel marker pilings and signage in public secondary boating channel designated as the 100 Channel. This public secondary boating channels connect public boat ramps to the AICW.

The 100 channel is located adjacent to the South side of SR 520 and Cape Canaveral Hospital. This is a public channel not a residential canal.

ATTACHMENT E-3 PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Cocoa Beach	Project Title: Public Channel Marker Replacement Project FY 2024	
Total Project Cost: \$ \$56,120	FIND Funding Requested: \$ \$28,060	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$28,060	
Source of Applicant's Matching Funds:	City of Cocoa Beach Capital Improvements Budget FY 2024.	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

N/A

3. Has the District previously provided assistance funding to this project or site? Yes ☐ No: ☒

4. If yes, please list:

N/A

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

There are three (3) public boat ramps in the City of Cocoa Beach.

1) Ramp Road Park 2) Bicentennial Park and 3) Holiday Lane Boat Ramp

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

N/A

7. Are fees charged for the use of this project? No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A <input type="checkbox"/>		
DEP	N/A <input type="checkbox"/>		
ACOE	N/A <input type="checkbox"/>		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Public Channel Marker Replacement Project FY 2024
Applicant:	City of Cocoa Beach

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

2. Public navigation aids & markers.

- b) Explain how the project fits this priority category.**

Fifty seven (57) wooden channel marker pilings and signage will be replaced in public secondary channels that facilitate access to the AICW by the general boating public. These wooden pilings and signage are components of public navigation markers.

50

(For reviewer only)

Max. Available Score for application _____

8

Question 1. Range of Score (1 to _____ points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

The City of Cocoa Beach has 6 connecting channels that direct and guide boaters to and from the AICW. These channels are connected to the ICW through Banana River at the Barge Canal (Cape Canaveral) in the North and Dragon Point (Merritt Island) in the South. This project will replace 57 wooden channel marker pilings and 114 CM signs.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

This project will greatly enhance the public safety throughout the waterways of the City of Cocoa Beach. This will allow easier and safer access to the ICW. The secondary channels in the city are the shortest E-W route for accessing the ICW through the Banana River main channel for all boaters between SR 520 and the Pineda Causeway.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

Increased police presence on the secondary connecting channels will greatly improve the safety of all boaters using the waterways.
 Amount of public use is 100%.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

The city has a large boating community that access the waterways via our boat ramps. Other communities use our public boat ramp on a regular basis. This is highly encouraged by the city. This project will greatly improve the public channel marker signage for all of the boating public.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

There are no restrictions on commercial or public access. Our public boat ramps, channels, and navigational aids are used by fisherman, crabbers, and contractors on a regular basis. The city is aware of the limited access to the water for commercial and public activity. We make every effort to help improve access and usage.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

The funding for this project will be in the City of Cocoa Beach Capital Improvements Budget FY 2024.

In accordance with Attachment E-6 the project will begin promptly on October 4, 2023. The project is anticipated to be completed by February 16, 2024.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

Unless the grant funding is significantly less than 50% or major acts of nature occur the timeline is unlikely to be impacted.

(For reviewer only)

(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

Material and labor estimates were very recently done, so staff does not foresee any cost increase.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

No fees are associated with the use of our public waters.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

(For reviewer only)

(1-6 points)

6) PROJECT VIABILITY:

- a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

This project is analogous to the importance of proper roadway signage on our streets. The channel markers facilitate safe and informed boating. They direct boaters to their destination. The original signage is missing/damaged and must be replaced.

- b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.**

The city has consistently dedicated resources funded from its budget to maintain all waterways within its jurisdiction. The city's Police Department and a volunteer civic group (Citizens Patrol) routinely monitor the waterways to ensure the safety of the community.

- c) Is this project referenced or incorporated in an existing maritime management, public access or comp plan?**

Yes, the project is included in the city's strategic plan. It is also consistent with the City of Cocoa Beach mission statement to keep all waterways in the city navigable for their continued recreational and commercial use. It is also an integral part of the Thousand Islands Management Plan approved by the state of Florida.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
If permits are NOT required, explain why not.

This is a replacement project on public channel marker pilings that have been previously permitted.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.

N/A

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.

N/A

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) Has the design work been completed?
If this is a Phase I project, has a preliminary design been developed?

N/A

- b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?

This project will enhance public usage and access by more clearly and safely marking the public connecting channels to the AICW.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.

A competitive RFP will be advertised.

A contractor will be hired for removal of the old wooden pilings and installation of the new wooden pilings.

Pressure treated wooden piles are the industry standard material. The life expectancy is 15 to 20 years.

Precast concrete piles are also used, however the cost is significantly higher.

The city will purchase and install the new signage.

- b) What is the design life of the proposed materials compared to other available materials?

Pressure treated wooden piles are the industry standard material. The life expectancy is 15 to 20 years.

Precast concrete piles are also used, however the cost is significantly higher.

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?

N/A

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?

N/A

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____**Note:**

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Public Channel Marker Replacement Project FY 2024
Applicant:	City of Cocoa Beach

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Piling Replacement (57) Wooden Piles) material and labor	47,025.00	23,512.50	23,512.50
Signage 30 Red Triangle 40 Green Squares. (material only-city will purchase and install).	8,094.00	4,047.00	4,047.00
Mounting Hardware (material only-city will purchase and install).	1,001.00	500.50	500.50
**TOTALS =	\$ 56,120.00	\$ 28,060.00	\$ 28,060.00

ATTACHMENT E-6

PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Public Channel Marker Replacement Project FY 2024
Applicant:	City of Cocoa Beach

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
October 4, 2023	Begin Preparing RFP Documents
October 24, 2023	Advertise for Proposals
November 20, 2023	Select a Vendor
January 10, 2024	Install Pilings and Signage
February 16, 2024	Apply for Grant Reimbursement

Map 1. Location Map & Project Boundary



Vicinity Map: Cocoa Beach, Brevard County, FL

Section 17, Township 25, Range 37E 28 19 56.15"N 80 83 02.74"W

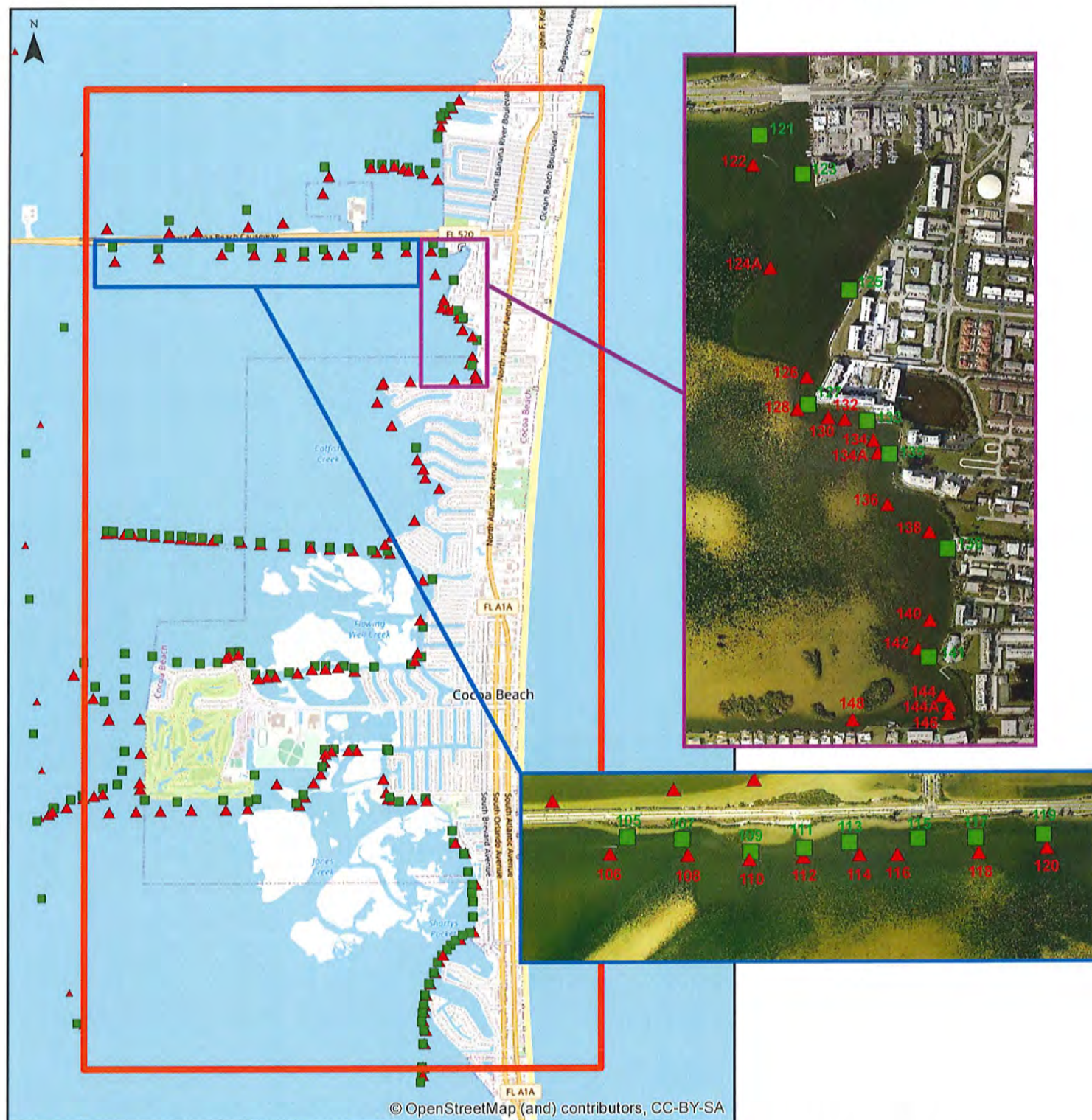
**Project: Public Channel
Marker Piling Replacement Project**





Exhibit "A"

Map 2. Cocoa Beach Waterways Map



Waterways Map: Cocoa Beach, Brevard County, FL

Section 17, Township 25, Range 37E 28 19 56.15"N 80 83 02.74"W



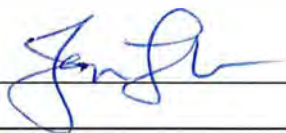
Project: Public Channel Marker Piling Replacement Project FY24

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

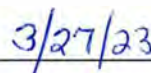
APPLICANT INFORMATION			
Applicant: City of Melbourne			
Department: Parks & Recreation			
Project Title: Front Street Boat Dock Replacement Project, Phase I			
Project Director: Jenni Lamb		Title:	Interim City Manager
Project Liaison: (if different from Director)	Rebecca Thibert	Title:	Assistant to the City Manager
Mailing Address:	900 E. Strawbridge Ave.		
City: Melbourne	Zip Code:	32901	
Email Address: Rebecca.thibert@mlbfl.org	Phone #:	321-608-7206	
Project Address:	2205 Front Street, Melbourne, FL		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____



DATE: _____



PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The Claude Edge Front Street Park (Front Street) Boat Dock Replacement Project, Phase I will include survey, geotechnical engineering (in-water mini-barge borings), structural engineering, preliminary engineering, environmental (Ecological, final engineering and bidding assistance. The new design will include ADA accessibility features for one of the docks. Although the City's interests in the area known as Front Street Park dates back to the early days of settlement in the City of Melbourne, the improvements to the boat ramp in its current configuration dates back to 1979 through 1983. The wood docks have been replaced and repaired many times since 1979 and have been maintained by the City for at least 44 years or more. The Front Street boat docks provide important direct access to the Indian River Lagoon. It is one of two locations in Melbourne where boat launches with accessory docks are made available to the public.

In 2022, Hurricanes Ian and Nicole caused damage to the docks and the City had a full inspection performed. Minor repairs were made but full reconstruction with ADA improvements to the docks is recommended as the original docks have met their useful life. High user demand and limited access to the Indian River Lagoon for recreational and commercial boaters makes this project a priority for the City of Melbourne.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Melbourne	Project Title: Front Street Boat Dock Replacement Project, Phase I	
Total Project Cost: \$120,000	FIND Funding Requested: \$60,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$60,000	
Source of Applicant's Matching Funds:	General Fund	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

3. Has the District previously provided assistance funding to this project or site? Yes ☐ No: ☒

4. If yes, please list:

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

There are three (3) existing wooden boarding docks with various sizes: 60 ft X 4 ft, 80 ft X 6 ft and 100 ft X 5 ft. All three are in poor condition and have exceeded their service life by 10 years. There are 40 boat trailer parking spaces available next to the ramp at Front Street Park.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

One access feature will be included in the new design. One of the docks will be upgraded for ADA access and include all the design parameter for wheelchair accessibility. We plan to reconstruct the three existing boat docks. Specific details to be determined in the Phase I design.

7. Are fees charged for the use of this project? No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD		Phase I Project	
DEP		Phase I Project	
ACOE		Phase I Project	

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Front Street Bock Dock Replacement Project, Phase I
Applicant:	City of Melbourne

1) PRIORITY LIST:

- a) **Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

#7 – Acquisition, dredging, shoreline stabilization and development of public boat ramps and launching facilities.

- b) **Explain how the project fits this priority category.**

The proposed reconstruction of the three boat docks fit this category by offering the public boat access in the Indian River Lagoon.

(For reviewer only)

Max. Available Score for application 47

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

a) Explain how the project relates to the ICW and the mission of the Navigation District.

As a Phase I project to survey, design, engineer and permit three boat docks and allowing public access to the ICW, this furthers the two District missions to "provide assistance to other governments and to develop water way access and improvement projects."

b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

This Phase I project will continue to allow direct public access to the Intracoastal Waterway for the boating community at Front Street Park. Access to the ICW provides both recreational and commercial opportunities for the local communities and the surrounding areas.

(For reviewer only)

(1-6 points)

3) PUBLIC USAGE & BENEFITS:

a) Describe how the project increases/improves boater/public access.

Estimate the amount of total public use.

The public usage for this project is identified by the full parking lot. Since the boat docks are free to the public, we are unable to quantify the public use. However, since 2016, the Florida Department of Highway Safety and Motor Vehicles reported the total number of registered vessels for Brevard, Volusia, and Indian River counties was 72,605.

b) Discuss the regional and local public benefits provided by the project.

Can residents from other counties of the District reasonably access and use the project? Explain.

Local boaters as well as those traveling the ICW will benefit from the reconstruction of the boat docks at Front Street Park. Reconstructing the docks with an ADA accessible ramp will conveniently allow more boaters safe access to the Indian River Lagoon, bringing more boaters through the area, stimulating the local Melbourne economy as well as other cities within the Space Coast. Residents from other counties of the District have reasonable access to the public boat docks and ramp. The Front Street boat ramps and docks are also utilized by the Melbourne Police Department Marine Unit and Florida Fish and Wildlife to access the waterways for environmental protection, public safety, enforcing boating rules and regulations, natural resource protection, and other waterway/boating matters.

c) Has the local Sponsor implemented or plans to implement any boating access, speedzone, commercial access or other restrictive use of this site?

Commercial usage is limited since the zoning is Institutional and the property is a City park. Commercial usage may only be for special events or associated accessory services to park and recreation use as approved by the City.

(For reviewer only)

(1-8 points)

4) TIMELINESS:

- a) **Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

If an award is rendered in October 2023, the City's consulting engineering firm will be contacted to complete the elements of the Phase I. It is anticipated that the survey, design, engineering and permitting will be completed by August 2024.

- b) **Briefly explain any unique aspects of this project that could influence the timeline.**

As a Phase I project, permitting efforts and requirements will influence the project design and timeline.

(For reviewer only)

(1-3 points)

5) COSTS & EFFICIENCY:

- a) **List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

The City will provide the 50% match for the project through the General Fund.

- b) **Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

As a Phase I project, there are no increased project costs anticipated at this time.

- c) **Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

There are no fees associated with the use of the facility. A nearby facility, Ballard Park (north of Front Street Park), does not charge fees.

- d) **If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

(For reviewer only)

(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

As a coastal city, our community has a high demand for public access to the waterways. Front Street Park is one of only two locations in Melbourne with boat launches with accessories that are available to the public. Reconstruction of the docks will help the City continue to satisfy the high demand while providing safe access to the Indian River Lagoon (IRL) for all users.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

Once the Phase II construction is completed, the City's Parks & Recreation Department will continue to maintain the docks and ramp along with the other park facilities and amenities. Funding for maintenance and repair is derived from the operating budget for the Parks Department.

c) Is this project referenced or incorporated in an existing maritime management, public assessor comp plan?

The project will attempt to be added, or at a minimum, referenced into Brevard County's existing "Comprehensive Maritime Management Master Plan" as it develops to help achieve and support the Vision of the master plan as follows:

"Management of Brevard County's waterways should continue to conserve natural systems while enhancing economic and recreational opportunities. Management actions should ensure waterway access for all citizens while encouraging stewardship and promoting safe and courteous boating through education. Restoration and retention of working waterfronts and expansion of recreational and commercial infrastructure will promote economic development that strengthens Brevard County's prosperous water-based economy".

Specific goals for the City include the chapters on Waterfront Access Points and Intergovernmental /Agency Coordination which promotes consistency with county and municipality generated comprehensive plans.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4A
EVALUATION
WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS
 WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD) If permits are NOT required, explain why not.

The permit phase is typically accomplished once the Phase I design is complete; therefore, no permits have been issued at this time.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.

An estimate of the future Phase II work will include replacement of the three docks, repair to the concrete ramp, minor milling and resurfacing of the parking lot near the boat ramp and an ADA compliant sidewalk and curb ramp with associated signage and striping. This construction cost is estimated to be approximately \$500,000. In addition, construction engineering and inspection services during construction will be required, estimated to be approximately \$45,000, for a total construction project estimate of \$545,000.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.

There are no identified impediments that will delay the timely issuance of required permits.

*(For
reviewer
only)(1-4
points)*

8) PROJECT DESIGN:**a) Has the design work been completed?****If this is a Phase I project, has a preliminary design been developed?**

No, although preliminary design has not been developed, a concept plan has been prepared and discussed with the designers to maintain the current footprint of the boat docks but include ADA upgrade for one of the docks to comply with American with Disabilities Act of 1990.

b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?

Yes, as mentioned above, one of the docks will be retrofitted with docks that will be extended to meet the finish grade of the parking lot, to include guiderail for drop-off conditions and a ramp slope not to exceed 8.33%, in compliance with the American with Disabilities Act of 1990. The width of the dock will also be upgraded to 5-ft to ensure wheelchair accessibility.

The design will also include specialized construction techniques to minimize environmental impacts and improve water quality. Interpretative signage will encourage the public to keep the waters clean.

(For reviewer only)

(1-2 points)

9) CONSTRUCTION TECHNIQUES:**a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

Since this is a phase I project, the potential techniques that can be used for construction are as follows: the docks will be constructed with marine grade materials that are friendly to the Indian River Lagoon (IRL) and greatly reduce maintenance costs in the future. The piles are proposed to be made of concrete and driven to the appropriate design depth via a barge so as to mitigate turbidity effects and significant impacts the water quality of the Indian River Lagoon.

b) What is the design life of the proposed materials compared to other available materials?

With conventional wood construction, the docks will usually last about 10-20 years. With the proposed non-wood material construction, the dock has a 35+ service life.

(For reviewer only)

(1-3 points)

10) ENVIRONMENTAL COMPONENTS:**a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

The City's Parks and Streets and Stormwater Maintenance Division strive to maintain environmental compliance, sustainability and stewardship by implementing maintenance methods that do not harm the environment and foster a balance with recreational activities of boating. When the Park is mowed, the debris is kept from getting into the inlets and lagoon. The Streets department occasionally mechanically removes cattails from a ditch that runs through Front Street Park so as to not use harmful pesticides. The City provides trash receptacles and benches in the park area and maintenance is done on a daily basis to keep litter from getting into the lagoon. This commitment is demonstrated throughout the City since the lagoon is a special habitat to endangered species and marine wildlife.

b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?

The City continues to be an active stakeholder in the Resiliency conversation in our County to develop a resiliency plan to identify areas of susceptibility due to natural disasters, including fire, flooding, sea level rise, shoreline erosion and storm surge. The City is learning from our local partners how best to protect against the ever changing environmental concerns and hopes to implement strategies that will sustain and increase the life span of the project in perpetuity.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____**Note:**

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Front Street Boat Dock Replacement Project, Phase I
Applicant:	City of Melbourne

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Surveying	\$15,000	\$7,500	\$7,500
Engineering Design (includes Geotech, structural, prelim. Engineering and final engineering)	\$76,000	\$38,000	\$38,000
Environmental Services & Permitting	\$24,000	\$12,000	\$12,000
Bidding Assistance	\$5,000	\$2,500	\$2,500

**TOTALS =	\$ 120,000	\$ 60,000	\$ 60,000
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ATTACHMENT E-6

PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Front Street Boat Dock Replacement Project, Phase I
Applicant:	City of Melbourne

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

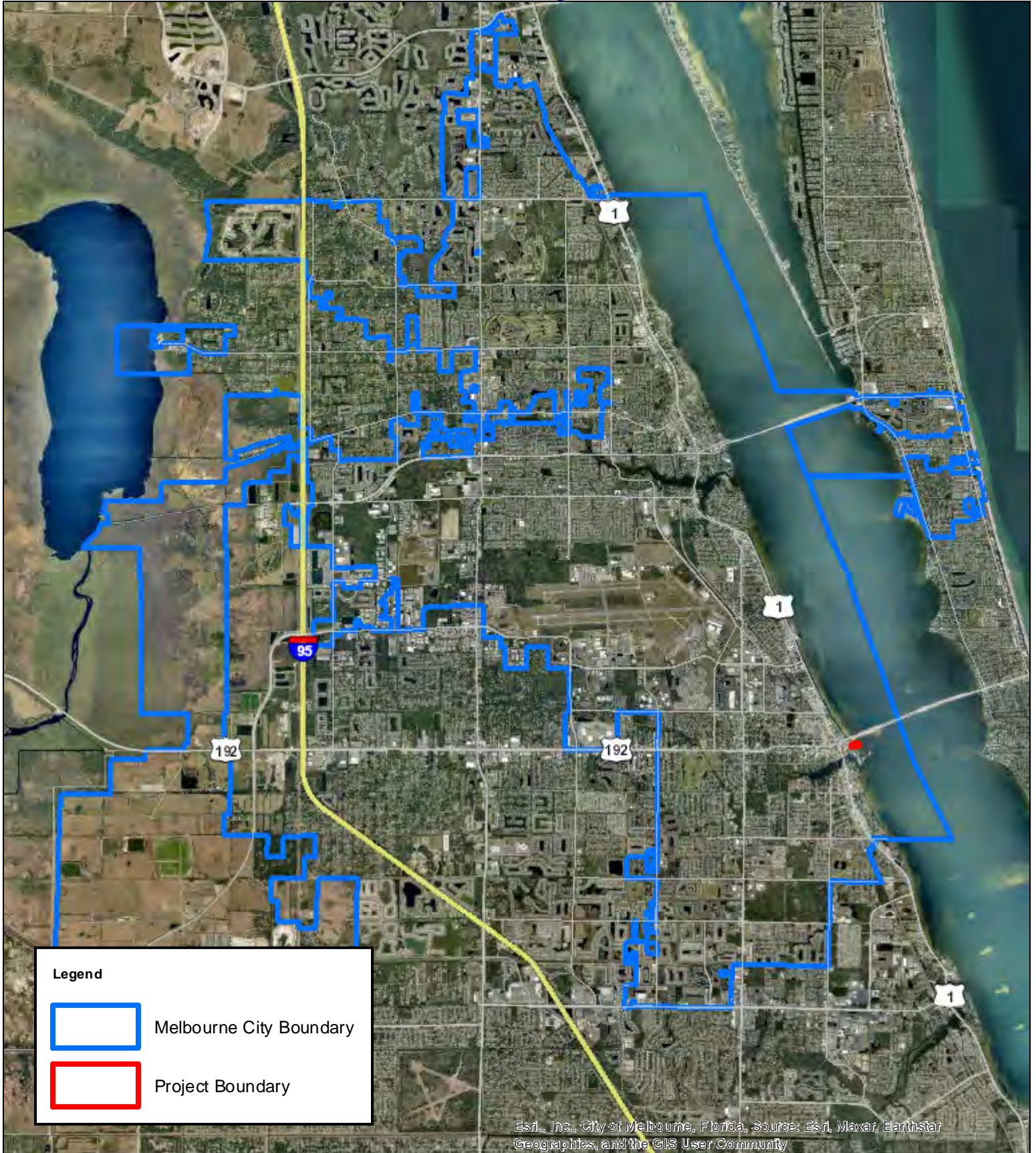
Date	Component
Submit FIND Waterways Assistance Program Application	March 27, 2023
FIND Funds Awarded	October 2023
Contract to Consulting Engineer	November 2023
Survey	January 2024
Design	February 2024
Engineering	April 2024
Environmental Resources Permits Received	June 2024
Final Project Completion	August 2024
Grant Close-Out	September 2024
Grant Compliance	As Required

County/City Location Front Street Boat Docks Map



GIS Portal: <https://maps.mlbfl.org/arcgis>
ArcGIS Online: <https://mgis.maps.arcgis.com>

9,000 0 9,000 Feet
1 inch = 9,000 feet



Legend

Melbourne City Boundary

Project Boundary

Esri, Inc., City of Melbourne, Florida, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

DISCLAIMER: Illustrative purposes only. No warranties, expressed or implied, are provided for the property records and mapping data herein or for their use or interpretation by the User. The City of Melbourne assumes no liability for any damages, losses, costs or expenses, including but not limited to attorney's fees, arising from any User's use or misuse of the property records or mapping data provided.

Title: County/City Location
Author: John Struckman
Department/Division: IT Department, GIS Division
Last Updated: 3/27/2023 11:44:00 AM
Document Name: CountyCityLocationMap

Document Location: \\ad.mlbfl.org\shares\Maps\GIS Team\jstruckman\ServReq-Incidents\CityManager\RT\hibert\Ticket# 15173\CountyCityLocationMap.mxd

City of Melbourne
Information Technology Department
GIS Division
900 E Strawbridge Av Room 324
Melbourne, FL 32901
P: (321) 608.7700
Fax: (321) 608.7719
Email: GIS@mlbfl.org

Project Boundary Front Street Boat Docks Map



GIS Portal: <https://maps.mlbfl.org/arcgis>
ArcGIS Online: <https://mgis.maps.arcgis.com>

150 0 150 Feet

1 inch = 150 feet



Legend



Project Boundary

DISCLAIMER: Illustrative purposes only.
No warranties, expressed or implied, are
provided for the property records and mapping
data herein or for their use or interpretation by the
User. The City of Melbourne assumes no liability
for any damages, losses, costs or expenses,
including but not limited to attorney's fees,
arising from any User's use or misuse of the
property records or mapping data provided herein.

Title: Front Street Boat Docks Map
Author: John Struckman
Department/Division: IT Department, GIS Division
Last Updated: 3/27/2023 11:51:16 AM
Document Name: ProjectBoundaryMap

Document Location: \\ad.mlbfl.org\shares\Maps\GIS Team\jstruckman\ServReq-Incidents\CityManager\RT\hibert\Ticket# 15173\ProjectBoundaryMap.mxd

City of Melbourne
Information Technology Department
GIS Division
900 E Strawbridge Av Room 324
Melbourne, FL 32901
P: (321) 608.7700
Fax: (321) 608.7719
Email: GIS@mlbfl.org

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Palm Bay			
Department: Parks and Facilities Department			
Project Title: Castaways Point Park South Fishing Pier Improvements			
Project Director: Greg Minor		Title:	Parks & Facilities Director
Project Liaison: <small>(if different from Director)</small>	Juliet Misconi	Title:	Deputy City Manager
Mailing Address:		1150 DeGroodt Rd. SW	
City: Palm Bay		Zip Code:	32908
Email Address: juliet.misconi@pbfl.org; greg.minor@pbfl.org		Phone #:	321-726-2777
Project Address:		Castaways Point Park, 2990 Bay Blvd. NE, Palm Bay, FL 32905	

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____



DATE: _____

3-23-2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The City of Palm Bay Parks & Facilities Department is requesting a grant through the Florida Inland Navigation District (FIND) 2023/2024 Water Assistance Program (WAP) funding cycle for \$100,000 as a maximum 50% cost share for improvements to the Castaways Point Park south fishing pier. Castaways Point Park is a municipally-owned waterfront recreational gem located on the intracoastal waterway of the Indian River Lagoon. This 2.5 acre part was built in 1998 and is both a well utilized, local recreational facility and a regional ecotourism destination. As part of the National Estuary Program (NEP), the Lagoon is an estuary of national significance and included within the Indian River Lagoon National Scenic Byway as offering one of the few natural, white sand beaches along this federally designated waterway. Habitat to more diverse species than anywhere in North America, this area is revered by wildlife enthusiasts, anglers, and boaters.

Castaways Point Park is maintained by the City of Palm Bay's Parks & Facilities Department. During routine maintenance, with its exposed waterfront location, the Park and its facilities are subject to a persistent harsh marine environment and severe weather conditions typical of Florida climate. These environmental factors increase wear and tear on park structures and surfaces and require increased maintenance. Moreover, the design of the park is nearing 25 years in age and does not take into consideration the current environmental issues concerning the Indian River Lagoon, which have intensified over the last two decades. If awarded, the City will utilize this funding opportunity to improve the south fishing pier, built in 1998. The piers need re-decking and upgraded lighting, to include replacement of the incandescent lighting with an LED system and sloped railing services for improve accessibility. There are no permitting requirements beyond the City's local regulations. The City of Palm Bay is the second largest City in Central Florida by population, and the largest coastal municipality by population in this region. Although the City has five parks with waterfront access, Castaways Point Park is the only park with direct access to the Indian River Lagoon. This project will continue to solidify Castaways Point Park south fishing pier as a premier destination for anglers, naturalists, canoe and kayak boaters, environmental enthusiasts, and all citizens to enjoy the recreational amenity adjacent to this critical intracoastal waterway.

ATTACHMENT E-3

ITEM 10.41

PROJECT INFORMATION**WATERWAY ASSISTANCE PROGRAM FY 2023**

Applicant: City of Palm Bay	Project Title: Castaways Point Park South Fishing Pier Improvements	
Total Project Cost: \$ \$200,000	FIND Funding Requested: \$ \$100,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$100,000	
Source of Applicant's Matching Funds:	City of Palm Bay General Fund - Parks & Facilities	

1. **Ownership of Project Site (check one):** Own: ☒ Leased: ☐ Other: ☐

2. **If leased or other, please describe lease or terms and conditions:**

N/A

3. **Has the District previously provided assistance funding to this project or site?** Yes ☐ No: ☒

4. **If yes, please list:**

N/A

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

Currently this park offers picnic tables, benches, two pavilions, restroom facilities, one structured kayak and canoe launch, two piers with a total of 367 linear feet, 146 linear feet of boardwalk and 293 feet of beach.

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

N/A

7. **Are fees charged for the use of this project?** No ☒ Yes ☐ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A	Exemption letter attached	2/14/2023
DEP	N/A		
ACOE	N/A		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Castaways Point Park South Fishing Pier Improvements
Applicant:	City of Palm Bay

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

10. Public fishing & viewing piers.

- b) Explain how the project fits this priority category.**

This project will enhance the safety and accessibility of a heavily utilized fishing pier which is free and open to anyone from the public to utilize. The pier is also used by boating enthusiasts for canoe and kayak launching. The proposed improvements, to include redecking of the stringers with pressure treated lumber, sloped railing, and LED lighting, will enhance the safety and accessibility of the pier. The LED lighting and sloped railing surfaces will also make the pier more sustainable and durable, adding energy efficient and long life cycle lighting and improving watershed off the pressure treated wood surfaces.

(For reviewer only)

Max. Available Score for application 45

Question 1. Range of Score (1 to 3 points)

2) WATERWAY RELATIONSHIP:

a) Explain how the project relates to the ICW and the mission of the Navigation District.

Castaways Point Park is a peninsular park located on the Indian River Lagoon, which is a natural estuary and part of the intracoastal waterway. This is the only park with direct access to the Indian River Lagoon in the City of Palm Bay, the largest coastal municipality in the central Florida region. The City of Palm Bay is committed to maintaining the infrastructure along this waterway, while allowing the public with enjoyment and access to this irreplaceable ICW & natural resource within our community.

b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

The City is proposing significant improvements to the south fishing pier which will increase public recreational accessibility and access, and provide an investment in the critical sustainable infrastructure of the pier. In addition, LED lighting will provide a low maintenance, highly visible, environmentally friendly improvement to the pier.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.

Castaways Point Park is a public and natural resource which draws recreational and ecotourism from across the region, providing direct access to the Indian River Lagoon. Although the park is free and attendance is not counted, the park is utilized seven days a week. In addition, Palm Bay is the largest coastal municipality in the Central Florida region, with nearly 130,000 residents. This project will provide for the continued service of the south pier as a canoe/kayak launch, nature viewing platform and fishing structure.

b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.

Castaways Point Park and the south pier provides a free and open opportunity for the public regardless of their location to enjoy canoe/kayaking, beach access, nature viewing and fishing. Anyone can attend the park to enjoy the unique intracoastal estuary habitat and recreational opportunities, including residents of other counties or even visitors from other states or countries. The City of Palm Bay is the second largest municipality in the Central Florida region, and the largest coastal municipality in both Brevard County and the region, with nearly 130,000 residents.

c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

This park is intended for public use. There are no plans to allow any commercial access or other restrictive use of this site.

(For reviewer only)
(1-8 points)

4) TIMELINESS:**a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

This project is "shelf ready," as the design for this project is complete and engineered, and no permits are required. Following award of grant, the City will pursue a competitive solicitation process to secure a contractor, with an estimated timeline of four weeks to develop and finalize the bid documents, four weeks to solicit, four weeks to contract and kick off the project, six weeks to project substantial completion, and two weeks to project final completion, for a total project timeline from grant award of 24 weeks.

b) Briefly explain any unique aspects of this project that could influence the timeline.

Weather events to include Florida hurricane season and availability of supplies and labor could delay project completion. Please note the project design is complete and ready for competitive solicitation immediately following award of grant.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:**a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

The City is currently developing the Fiscal Year 2024 budget, which begins October 1, 2023. In anticipation of the grant award, the City will budget the \$100,000 match in the General Fund budget for Fiscal Year 2024 as a high priority, contractually mandated item. In addition, the City will bid the demolition as an option. If funding allows, demolition will be completed by the Contractor at the City's expense. If not, the City will self-perform the demolition.

b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.

The volatility of the lumber market and labor availability is a concern as recovery efforts from Hurricane Ian is still consuming resources in the region. However, the budget was developed specifically with those increased project costs in mind. In addition, the City is using option bidding for cost effective choices regarding contracting out the demolition or performing in-house.

c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.

This park is open to the public and no fee is charged for parking or access to the park or pier. The only fee associated with this park is a charge of \$50 a day for the rental of a pavilion for private use.

d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.

The fees for the rental of the pavilion are returned to the City's General Fund to balance the City's overall budget. None of the funds from rentals are returned to the Parks & Facilities department for maintenance.

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The City's Comprehensive Plan includes provisions to assure perpetual access along the Indian River Lagoon and encourage public access. In keeping with the provisions of the City's Comprehensive Plan, the City will enhance public access to and further provide for the protection of its coastal resources and contribute to the stewardship of one of the most bio-diverse estuaries in the Northern Hemisphere, the 156-mile Indian River Lagoon which covers one-third of Florida's East Coast.

By population, the City of Palm Bay is the largest City in Brevard County, the second largest City in the Central Florida Region, and the largest coastal City in the Central Florida region. Although the City has five parks which provide access to the intracoastal waterways, Castaways Point Park is the only park with direct access to the Indian River Lagoon (the other four parks provide waterway access to Turkey Creek). The existing pier has deteriorated and is no longer maintainable. This project will help ensure continued access to the Indian River for recreation, fishing, nature viewing, and kayak/canoe launches.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

Through a restructuring effort in 2021, maintenance of all City Parks moved to the Facilities Department, now called the Parks & Facilities (P&F) Department. This has allowed the P&F department to increase our commitment to maintaining all parks and facilities through a vigorous inspection and repair program. Under the leadership of the P&F department, all parks infrastructure components are inspected comprehensively semi-annually, with a general inspection monthly. These inspections allow the P&F department to proactively monitor and budget for infrastructure improvements, of which they have made great strides in the past two years. In fact, the Castaways Point Park North Pier and boardwalk is currently being replaced in partnership with FDEP through a Coastal Partnership Initiative grant.

c) Is this project referenced or incorporated in an existing maritime management, public access or comp plan?

This projects meets objectives outlined in the City's Comprehensive Plan. Specifically, the Recreation and Open Space Element provides for maintaining public access, preserving parks and open spaces, and references continued parks improvements and increased capacity, in accordance with the Capital Improvements Element.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
If permits are NOT required, explain why not.**

The project is a replacement project and there are no permit requirements. The City has already received an exemption letter from St. Johns River Water Management District (SJRWMD), attached.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

N/A

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

N/A

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:**a) Has the design work been completed?****If this is a Phase I project, has a preliminary design been developed?**

The design for the south pier's replacement at Castaways Point Park is complete. This is not a phased project.

b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?

To reduce costs and to minimize impact on the environment, the existing pier pillions will remain and be reused. The post tops and hand-rails will be cut at a 5 degree angle to encourage proper water shedding, extending the life of this structure. The guard rail spacing has been decreased to 8" from 15" improving safety. The stair riser height to the structured canoe/kayak access from the pier will be restored to a height of no more than 7". Finally, the City will replace the existing incandescent lighting with LED lighting to reduce the environmental impact.

(For reviewer only)

(1-2 points)

9) CONSTRUCTION TECHNIQUES:**a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

This fully designed and engineered project is a relatively simple construction project, to include demolition of the existing stringers (either in-house or through the contractor at the City's expense, not part of the requested match), redecking of the stringers with pressure treated lumber, cutting and increasing the slope on the top posts and hand rails, adding additional guard rail, and replacing incandescent lighting with LED lighting. The City believes this work can be accomplished by a single contractor.

There are no unique construction materials that may alter the project costs.

b) What is the design life of the proposed materials compared to other available materials?

The existing decking is 25 years old. The City reviewed design options with composite wood vs. pressure treated wood. The composite wood was estimated at \$50 per square foot, and the pressure treated was estimated at \$30 per square foot. Through the City's analysis, the life cycle of composite wood in a saltwater application decreases, resulting in an equal to or greater total ownership cost versus pressure treated wood. With the City's newly implemented inspection and preventative maintenance plan (to include staining or sealing), the life expectancy of pressure treated wood can last up to forty years.

(For reviewer only)

(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?

The City of Palm Bay has an ongoing commitment to improve all facilities in an environmentally friendly manner, while considering the short- and long-term sustainability of each facility. The reuse of the existing pillions, modified pitched to increase watershed, and use of LED lighting to improve the structure's life are examples of this commitment. This project will ensure the continued public access to the Indian River Lagoon (IRL), an estuary of national significance, and the only direct waterfront access in Palm Bay, the largest City in Brevard County. Castaways Point Park provides public access to the Indian River Lagoon (IRL), an estuary of national significance, as well as the Palm Bay and Turkey Creek Estuaries. As an endangered species habitat, the IRL offers diverse wildlife including a great variety of waterfowl as well as porpoises and manatees. The surrounding waters include traces of a former coquina reef and a great variety of shoreline vegetation. Activities at the park include nature watching, picnicking, hiking (through the bicycle/pedestrian path along US-1 that connects to Stearns Park), fishing, kayaking and canoeing. This access to the IRL for the public to enjoy will further foster stewardship in the community to preserve this natural resource.

b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?

N/A

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Castaways Point Park South Fishing Pier Improvements
Applicant:	City of Palm Bay

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Demolition (in-house or as a contracted option at City's expense)	0.00	0.00	0.00
Materials	120,000.00	60,000.00	60,000.00
Labor	80,000.00	40,000.00	40,000.00

**TOTALS =	\$ 200,000.00	\$ 100,000.00	\$ 100,000.00
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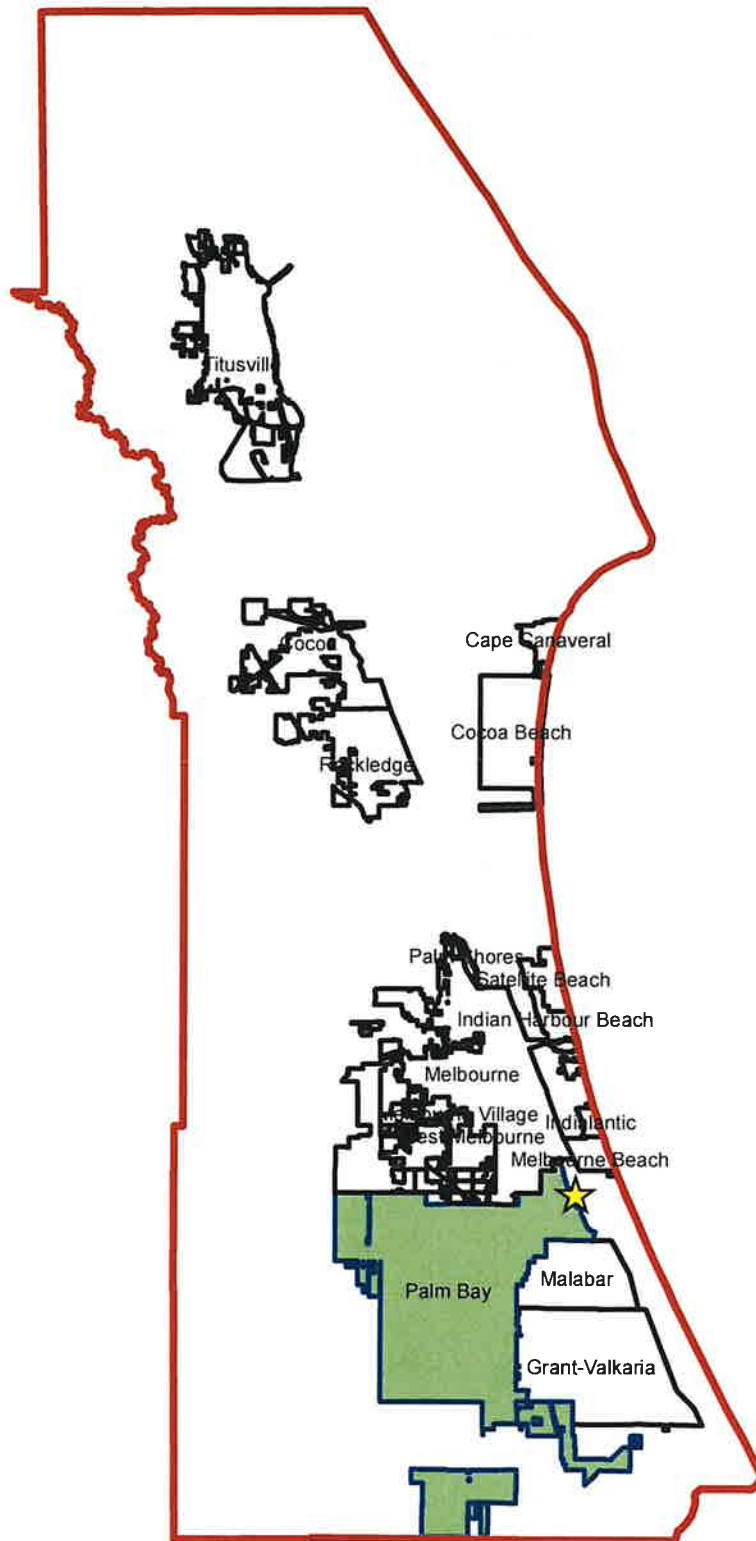
ATTACHMENT E-6**PROJECT TIMELINE****WATERWAY ASSISTANCE PROGRAM FY 2023**

Project Title:	Castaways Point Park South Fishing Pier Improvements
Applicant:	City of Palm Bay

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

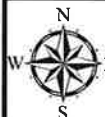
NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
October 1, 2023	Design Complete (currently complete)
October 15, 2023	Prepare Bid Documents
November 1, 2023	Issue Bids
December 21, 2023	Council Award of Contract
January 22, 2024	Pre-con Meeting/Notice to Proceed
March 18, 2024	Complete Project



LEGEND

- BREVARD COUNTY
- BREVARD CITIES
- PALM BAY
- ★ SITE LOCATION



Map is for illustrative purposes only!
 Not to be construed as binding or a survey.
 Map created by the City of Palm Bay
 Public Works Department (RSD),
 on March 14, 2023.

COUNTY / CITY LOCATION MAP

0 2 4 8
 Miles
 1 inch = 8 miles





LOCATION MAP

DESIGN CRITERIA

1. ALL STRUCTURES SHALL BE DESIGNED TO WITHSTAND A WIND SPEED OF 120 MPH.
2. ALL STRUCTURES SHALL BE DESIGNED TO WITHSTAND A SEISMIC FORCE OF 0.15g.
3. ALL STRUCTURES SHALL BE DESIGNED TO WITHSTAND A FLOOD FORCE OF 10 FPS.
4. ALL STRUCTURES SHALL BE DESIGNED TO WITHSTAND A COLLISION FORCE OF 10,000 LBS.
5. ALL STRUCTURES SHALL BE DESIGNED TO WITHSTAND A FIRE LOAD OF 10,000 BTU/H.
6. ALL STRUCTURES SHALL BE DESIGNED TO WITHSTAND A CORROSION RATE OF 0.001 IN/YR.
7. ALL STRUCTURES SHALL BE DESIGNED TO WITHSTAND A SOIL BEARING CAPACITY OF 2,000 PSF.
8. ALL STRUCTURES SHALL BE DESIGNED TO WITHSTAND A GROUND SETTLEMENT OF 0.01 IN.
9. ALL STRUCTURES SHALL BE DESIGNED TO WITHSTAND A TORSION MOMENT OF 10,000 FT-LB.
10. ALL STRUCTURES SHALL BE DESIGNED TO WITHSTAND A BENDING MOMENT OF 10,000 FT-LB.

ITEM	QUANTITY	UNIT	PRICE
1. CONSTRUCTION	1.00	DAY	100.00
2. DEMOLITION	1.00	DAY	100.00
3. EROSION CONTROL	1.00	DAY	100.00
4. FILL	1.00	CU YD	100.00
5. GRASS SEED	1.00	CU YD	100.00
6. MULCH	1.00	CU YD	100.00
7. PAVING	1.00	CU YD	100.00
8. RETAINMENT WALL	1.00	CU YD	100.00
9. SIGNAGE	1.00	DAY	100.00
10. SURVEYING	1.00	DAY	100.00

TIMBER

1. ALL TIMBER SHALL BE SOUTHERN PINE, GRADE 1, OR BETTER.
2. ALL TIMBER SHALL BE TREATED WITH A PRESERVATIVE.
3. ALL TIMBER SHALL BE CUT TO SIZE AND SHAPED TO FIT.
4. ALL TIMBER SHALL BE DELIVERED TO THE SITE IN A CONDITION TO BE INSTALLED.
5. ALL TIMBER SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS.
6. ALL TIMBER SHALL BE MAINTAINED IN A CONDITION TO BE REUSED.
7. ALL TIMBER SHALL BE REMOVED AND RECYCLED AT THE END OF THE PROJECT.
8. ALL TIMBER SHALL BE STORED IN A DRY PLACE TO PREVENT ROT.
9. ALL TIMBER SHALL BE HANDLED WITH CARE TO PREVENT DAMAGE.
10. ALL TIMBER SHALL BE USED IN ACCORDANCE WITH THE SPECIFICATIONS.

ITEM	QUANTITY	UNIT	PRICE
1. CONSTRUCTION	1.00	DAY	100.00
2. DEMOLITION	1.00	DAY	100.00
3. EROSION CONTROL	1.00	DAY	100.00
4. FILL	1.00	CU YD	100.00
5. GRASS SEED	1.00	CU YD	100.00
6. MULCH	1.00	CU YD	100.00
7. PAVING	1.00	CU YD	100.00
8. RETAINMENT WALL	1.00	CU YD	100.00
9. SIGNAGE	1.00	DAY	100.00
10. SURVEYING	1.00	DAY	100.00

THE FOLLOWING IS A SUMMARY OF THE MATERIALS AND METHODS TO BE USED IN THE PROJECT.

BACKFILL NOTES

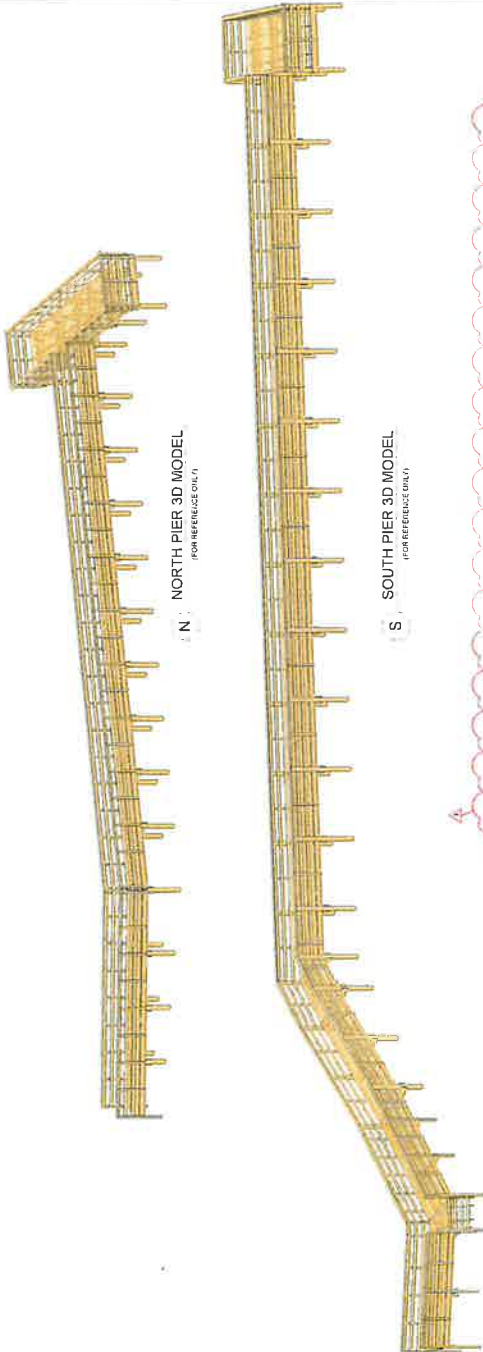
1. BACKFILL MATERIAL SHALL BE 3/4" MAXIMUM SIZE, CLEAN AND FREE OF DEBRIS.
2. BACKFILL MATERIAL SHALL BE PLACED IN LAYERS OF 12" MAXIMUM THICKNESS.
3. BACKFILL MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
4. BACKFILL MATERIAL SHALL BE PLACED IN LAYERS OF 12" MAXIMUM THICKNESS.
5. BACKFILL MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
6. BACKFILL MATERIAL SHALL BE PLACED IN LAYERS OF 12" MAXIMUM THICKNESS.
7. BACKFILL MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
8. BACKFILL MATERIAL SHALL BE PLACED IN LAYERS OF 12" MAXIMUM THICKNESS.
9. BACKFILL MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
10. BACKFILL MATERIAL SHALL BE PLACED IN LAYERS OF 12" MAXIMUM THICKNESS.

MOBILIZATION AND DEMOBILIZATION

1. ALL PERSONNEL SHALL BE TRAINED IN THE PROPER USE OF EQUIPMENT.
2. ALL PERSONNEL SHALL BE TRAINED IN THE PROPER USE OF EQUIPMENT.
3. ALL PERSONNEL SHALL BE TRAINED IN THE PROPER USE OF EQUIPMENT.
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9. ALL PERSONNEL SHALL BE TRAINED IN THE PROPER USE OF EQUIPMENT.
10. ALL PERSONNEL SHALL BE TRAINED IN THE PROPER USE OF EQUIPMENT.

SITE MAINTENANCE

1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES.
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES.
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10. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES.



NORTH PIER 3D MODEL

SOUTH PIER 3D MODEL

STRUCTURAL SHEET LIST

Sheet Number	Sheet Name	Sheet Issue Date	Current Revision Date	Current Revision Description
50.0	STRUCTURAL COVER SHEET	08/14/22	11/28/22	PERMIT COMMENTS
50.1	NORTH PIER PLAN	08/14/22	11/28/22	PERMIT COMMENTS
50.2	SOUTH PIER PLAN	08/14/22	11/28/22	PERMIT COMMENTS
50.3	DETAILS	08/14/22	11/28/22	PERMIT COMMENTS

SITE SAFETY

1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES.
2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES.
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9. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES.
10. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES.

DEMOLITION, CLEARING AND RESTORATION

1. DEMOLITION OF EXISTING STRUCTURES SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION.
2. DEMOLITION OF EXISTING STRUCTURES SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION.
3. DEMOLITION OF EXISTING STRUCTURES SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION.
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8. DEMOLITION OF EXISTING STRUCTURES SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION.
9. DEMOLITION OF EXISTING STRUCTURES SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION.
10. DEMOLITION OF EXISTING STRUCTURES SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION.

MATERIAL IDENTIFICATIONS

THE FOLLOWING IS A SUMMARY OF THE MATERIALS AND METHODS TO BE USED IN THE PROJECT.

Material	Quantity	Unit	Price
CONCRETE	1.00	CU YD	100.00
STEEL	1.00	TON	100.00
WOOD	1.00	CU YD	100.00
BRICK	1.00	CU YD	100.00
GLASS	1.00	CU YD	100.00
PAINT	1.00	CU YD	100.00
ROOFING	1.00	CU YD	100.00
INSULATION	1.00	CU YD	100.00
CEILING	1.00	CU YD	100.00
FLOORING	1.00	CU YD	100.00

CONSTRUCTION INTERPRETATION

THE FOLLOWING IS A SUMMARY OF THE MATERIALS AND METHODS TO BE USED IN THE PROJECT.

VIEW REFERENCE SYMBOLS

THE FOLLOWING IS A SUMMARY OF THE MATERIALS AND METHODS TO BE USED IN THE PROJECT.



ITEM	DATE	REVISION
1	08/14/22	ISSUED FOR PERMIT
2	11/28/22	PERMIT COMMENTS
3	11/28/22	PERMIT COMMENTS
4	11/28/22	PERMIT COMMENTS
5	11/28/22	PERMIT COMMENTS
6	11/28/22	PERMIT COMMENTS
7	11/28/22	PERMIT COMMENTS
8	11/28/22	PERMIT COMMENTS
9	11/28/22	PERMIT COMMENTS
10	11/28/22	PERMIT COMMENTS

ADAMS ENGINEERING INC.
CONSULTING STRUCTURAL ENGINEERS
11000 BAY BLVD NE, SUITE 200
PALM BEACH, FL 33411
TEL: 561-850-1234
FAX: 561-850-1235
WWW.AE-FL.COM



CASTAWAY POINT PARK
2930 BAY BLVD NE, PALM BEACH, FL 33405
DRAWING TITLE
STRUCTURAL COVER SHEET

NO. OF REVISIONS	DATE	DESCRIPTION
1	08/14/22	ISSUED FOR PERMIT
2	11/28/22	PERMIT COMMENTS
3	11/28/22	PERMIT COMMENTS
4	11/28/22	PERMIT COMMENTS
5	11/28/22	PERMIT COMMENTS
6	11/28/22	PERMIT COMMENTS
7	11/28/22	PERMIT COMMENTS
8	11/28/22	PERMIT COMMENTS
9	11/28/22	PERMIT COMMENTS
10	11/28/22	PERMIT COMMENTS

S0.0

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Fernandina Beach			
Department: City Manager			
Project Title: Fernandina Harbor Marina 2023 Maintenance Dredging			
Project Director: Charles George		Title:	Deputy City Manager/City Engineer
Project Liaison: <small>(if different from Director)</small>	Lorelei Jacobs	Title:	Grants Administrator
Mailing Address:	204 Ash Street		
City: Fernandina Beach	Zip Code:	32034	
Email Address: ljacobs@fbfl.org	Phone #:	(904) 310-3104	
Project Address:	3 S. Front Street, Fernandina Beach, FL 32034		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: Lorelei Jacobs

DATE: 3/23/2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The Fernandina Harbor Marina has 4,100 linear feet of usable dockage which is split approximately 50/50 between long-term slip holders and transient boaters.

This project provides for mechanical dredging from the south end marina basin and the disposal of approximately 10,666 cubic yards of material.

The City of Fernandina Beach will competitively bid the dredging and spoil site for this project.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Fernandina Beach	Project Title: Fernandina Harbor Marina 2023 Maintenance Dredging	
Total Project Cost: \$800,000	FIND Funding Requested: \$400,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$400,000	
Source of Applicant's Matching Funds:	City of Fernandina Beach General Revenues	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

3. Has the District previously provided assistance funding to this project or site? Yes: ☒ No: ☐

4. If yes, please list:

NA-FB-16-18 Marina Basin Maintenance Dredging; NA-FB-18-21 Marina Maintenance Dredging Ph 2;
NA-FB-21-24 Mooring Ball Installation and Dredging Project.

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

The Marina offers 4100 linear feet of dockage, all of which is alongside linear dockage (equating to approx. 90 boat slips based on an average of 45'); 25 mooring balls; a 2 lane boat ramp limited to 2 axle trailers; 12 vehicle and trailer parking locations and additional acreage for temporary boat trailer parking.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

This project will return the 4100 linear feet of dockage to usable at all hours.

7. Are fees charged for the use of this project? No: ☐ Yes: ☒ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	No		
DEP	No		
ACOE	Yes	8/30/2021	10/17/2022

ATTACHMENT E-4
EVALUATION WORKSHEET
 WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Fernandina Harbor Marina 2023 Maintenance Dredging
Applicant:	City of Fernandina Beach

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application. (The application may only be of **one** type based upon the predominant cost of the project elements.)

(7)-Acquisition, dredging, shoreline stabilization and development of public boat docking and mooring facilities.

- b) Explain how the project fits this priority category.

This project will result in dredging of the Fernandina Harbor Marina basis, a public boat docking and mooring facility.

(For reviewer only)

Max. Available Score for application 47

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.

FIND's mission includes providing assistance for ICW waterway access and improvements. This project will create waterway access improvements at the Fernandina Beach Harbor Marina located on the West side of the Amelia River, which serves as the AIW in this reach.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

As the first Marina in Florida available to boaters coming from the North, the Fernandina Harbor Marina maintains a good reputation as a desirable and reliable stop for transient boaters. The Fernandina Harbor Marina is located directly on the ICW via a well-marked Federal Shipping Channel six miles from the Atlantic Ocean. The dredging requested in this application will maintain ICW boaters' access to the inland waterway and City amenities.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access.
 Estimate the amount of total public use.

The Fernandina Harbor Marina offers 4,100 linear feet of dockage. Due to extensive damage from Hurricanes Matthew and Irma, the Marina was closed from Oct. 2016 to Jan. 2020. Since reopening, transient dockage remains full almost to capacity during the peak seasons. For example, in Jan. 2022, we had 1,038 transient boat nights, and 148.8% increase over 431 in Jan. 2021. In 2021, the Fernandina Harbor Marina had 9,280 transient boat nights and a net income of \$244,472. In 2022, damage from Hurricane Ian and then Hurricane Nicole again caused Marina closure for repairs, with fuel also being unavailable Sept. 28, 2022 to Dec. 8, 2022, but the Marina is fully operational at the time of this grant application.

- b) Discuss the regional and local public benefits provided by the project.
 Can residents from other counties of the District reasonably access and use the project? Explain.

The Fernandina Beach Harbor Marina is the northern-most marina on the AICW and improvements funded through this grant will help the Marina remain fully accessible to the boaters of the AICW.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

Yes, there are speed restrictions near and within the Marina to reduce wake and protect marine wildlife.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.

The dredging of the Fernandina Harbor Marina basin only requires a permit from the U.S. Army Corps of Engineers, which the City has already obtained. The dredging requested through this grant will easily be completed within the grant's two-year timeframe.

- b) Briefly explain any unique aspects of this project that could influence the timeline.

None, barring damage from a Hurricane.

(For reviewer only)

(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.

The matching funds for this grant will be allocated within the City's FY 2023/2024 budget.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.

Dredging near Fernandina Beach is expensive, due to a lack of nearby dredge sites. In recent months, the dredging company the City previously used cited an estimated cost of \$70 per cubic yard. Dredging at nearby Fernandina Port cost approximately \$85 dollar per cubic yard but that dredging project was deeper and required heavier equipment. To build in a sufficient budget for this grant a cost of \$75 per cubic yard has been used to determine a target dredging of at least 10,666 cubic yards.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.

Transient Dockage*

\$2.50-\$3 per foot per day (Peak Season may apply)

\$15.00 per foot per week

\$30 per foot per month *(subject to availability & seasonality) *Special events and holidays subject to higher rates*

Monthly: \$60 / \$125 / \$350

**Billed on a nightly basis*

Mooring Field *(First Come First Served)*

\$30 per night

\$180 per week

\$595 per month

Long Term Dockage*

\$25 per foot, billed monthly

Contract required. Contact us to be added to our waitlist.

Dinghy Dock*

\$5.00 per day / \$25.00 per week

Amenities Access: Add \$5.00 per day / \$25.00 per week

**Vessels less than 10' Only*

Electric Rates*

30Amp / 50Amp / 100Amp

Daily: \$6 / \$12 / \$25

Weekly: \$30 / \$72 / \$125

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area. These fees go directly into Marina operating expenses (payroll, insurance, repairs & maintenance, etc. See Attachment 5 (d) Marina Comparative Rates.

(For reviewer only)

(1-6 points)

6) PROJECT VIABILITY:

- a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?

The City of Fernandina Beach has struggled with ongoing siltation at the Marina for many years and has commissioned many engineering studies seeking more lasting solutions than recurring dredging, the most-recent being completed this year (2023.) A recent (2020) reconfiguration of the Marina's South Basin helped to reduce the siltation, but accumulations continue to form. As a result, portions of the Marina are forced to close to boats during low tide, or only allow shallow draft vessels. This silting also progressively moves from the shoreline out toward the ICW, and if not dredged regularly, will begin to silt in the next fairway, which would render over 75% of the marina unusable. Currently, the Fernandina Harbor Marina loses access to the dinghy dock at low tide twice a day, and our fairway becomes unnavigable for boats to exit from the inner docks at low tide. While the slips are not rendered completely unusable, it does prevent slip holders from being able to get in and out of their slips at certain times of the day. Dredging is required at a minimum of every few years to keep the Marina fully accessible to the boating public.

Please see attachments labeled 6(a) to see specific Marina depths.

- b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The City of Fernandina Beach provides all revenues necessary for the operations of our Marina. Although a thriving and heavily-used Marina, closures and damage resulting from 4 hurricanes over the past six years, however, have prevented the Marina from gaining any consistent revenue streams. However, new Marina Management have let the Marina to generate revenues that, barring additional Hurricanes, can also contribute toward Marina improvements such as future dredging.

- c) Is this project referenced or incorporated in an existing maritime management, public access or comp plan?

Yes. Marina management, public access and environmental protections are incorporated into Fernandina Beach's 2030 Comprehensive Plan Goal 4, Objective 4.10; Goal 5, Objective 5.09; and Goal 6, Objective 6.07.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
 If permits are NOT required, explain why not.

Yes, the required USACE permit for the dredging requested through this grant application has been obtained and is valid through 2026. The USACE Permit is attached to this application.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.

N/A.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.

N/A, the necessary permit has been obtained and is submitted to FIND as an attachment to this grant application.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) Has the design work been completed?
If this is a Phase I project, has a preliminary design been developed?

N/A

- b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?

The dredging will comply with the environmental impact/water quality standards required by the USACE permit which includes requirements on the placement and control of dredged material and associated effluent, and the use of floating turbidity barriers.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.

The dredging method used will be mechanical dredging.

- b) What is the design life of the proposed materials compared to other available materials?

There are no construction materials involved in the dredging project requested through this grant application (just dredging and removal of dredged material.)

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?

The Fernandina Harbor Marina is committed to being an environmentally sustainable marina, and requests and encourages our boaters to comply with our environmental standards and practices when visiting our Marina. The Marina has an active Clean Marina Status with the Florida Department of Environmental Protection. Our facility offers used oil disposal, dock side pump out, a pump out vessel to tend to the Mooring Field, safe fueling practices, and routing property clean ups to keep trash from entering our local waters.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?

The City of Fernandina Beach has completed several projects in 2021 and 2022 to respond to sea level rise, including the installation of a living shoreline, a new sea wall, and increased capacity stormwater systems along the downtown Amelia River, where the Marina is located. Additionally, in 2023, we are completing a complete design and permitting project to support future construction of a sea wall along our entire 1.1 downtown waterfront, which will ultimately help contain land side siltation entering the Marina. However, the dredging requested in this grant application will not have a role in mitigating sea level rise.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5
PROJECT COST ESTIMATE
 WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Fernandina Harbor Marina 2023 Maintenance Dredging
Applicant:	City of Fernandina Beach

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Dredging and removal of dredged material	\$800,000	\$400,000	\$400,000

**TOTALS =	\$ 800,000	\$ 400,000	\$ 400,000
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ATTACHMENT E-6

PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Fernandina Harbor Marina 2023 Maintenance Dredging
Applicant:	City of Fernandina Beach



The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

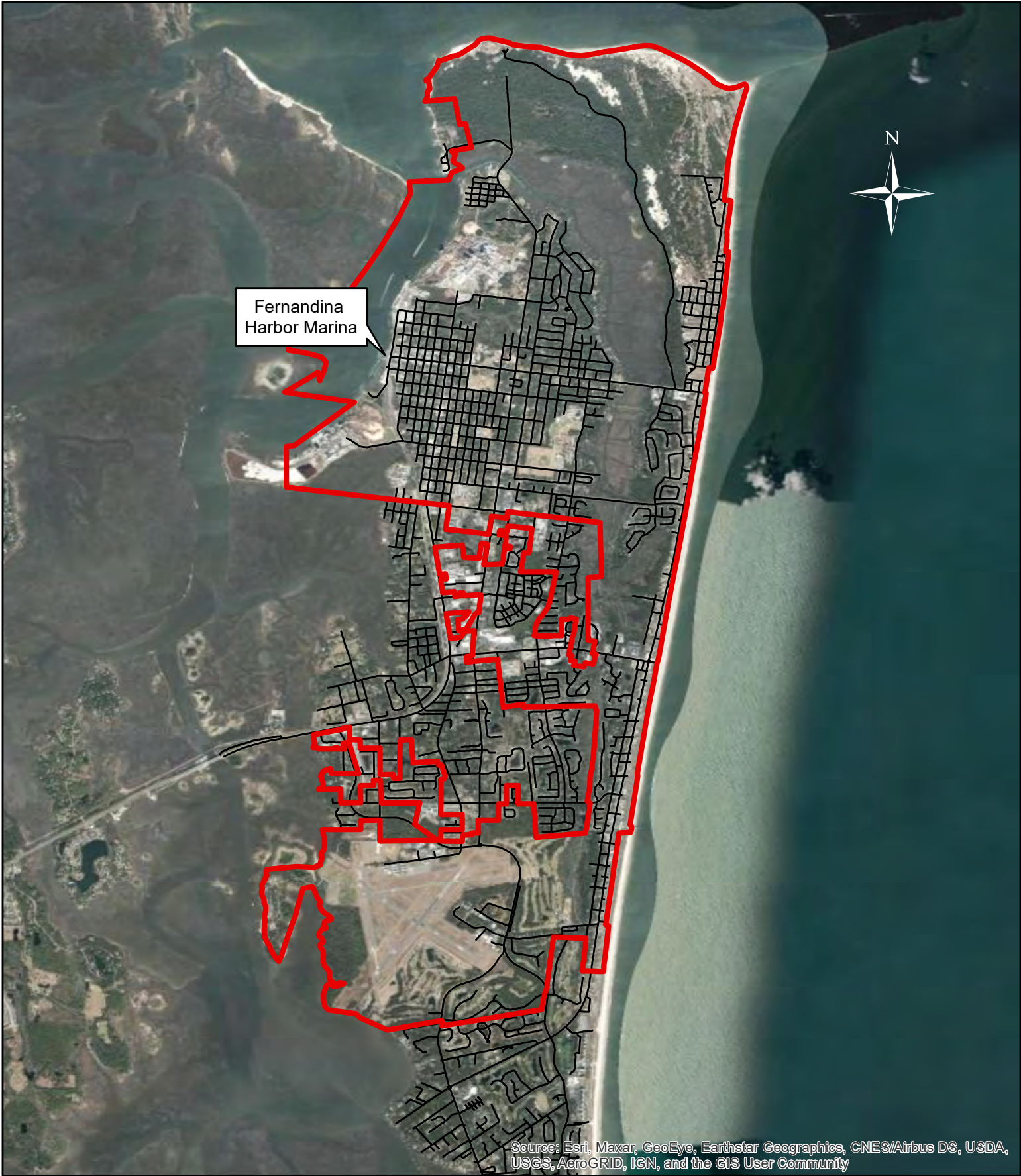
Date	Component
October 2023	Bid out Project.
January 2024	Earliest date to commence dredging.
August 2024	Latest date to complete dredging.
September 2024	Latest date to close out grant.



Legend

-  City Municipal Boundary
-  CountyBoundary





Legend

City Municipal Limits





Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project Boundary Map

ITEM 10.42



Legend

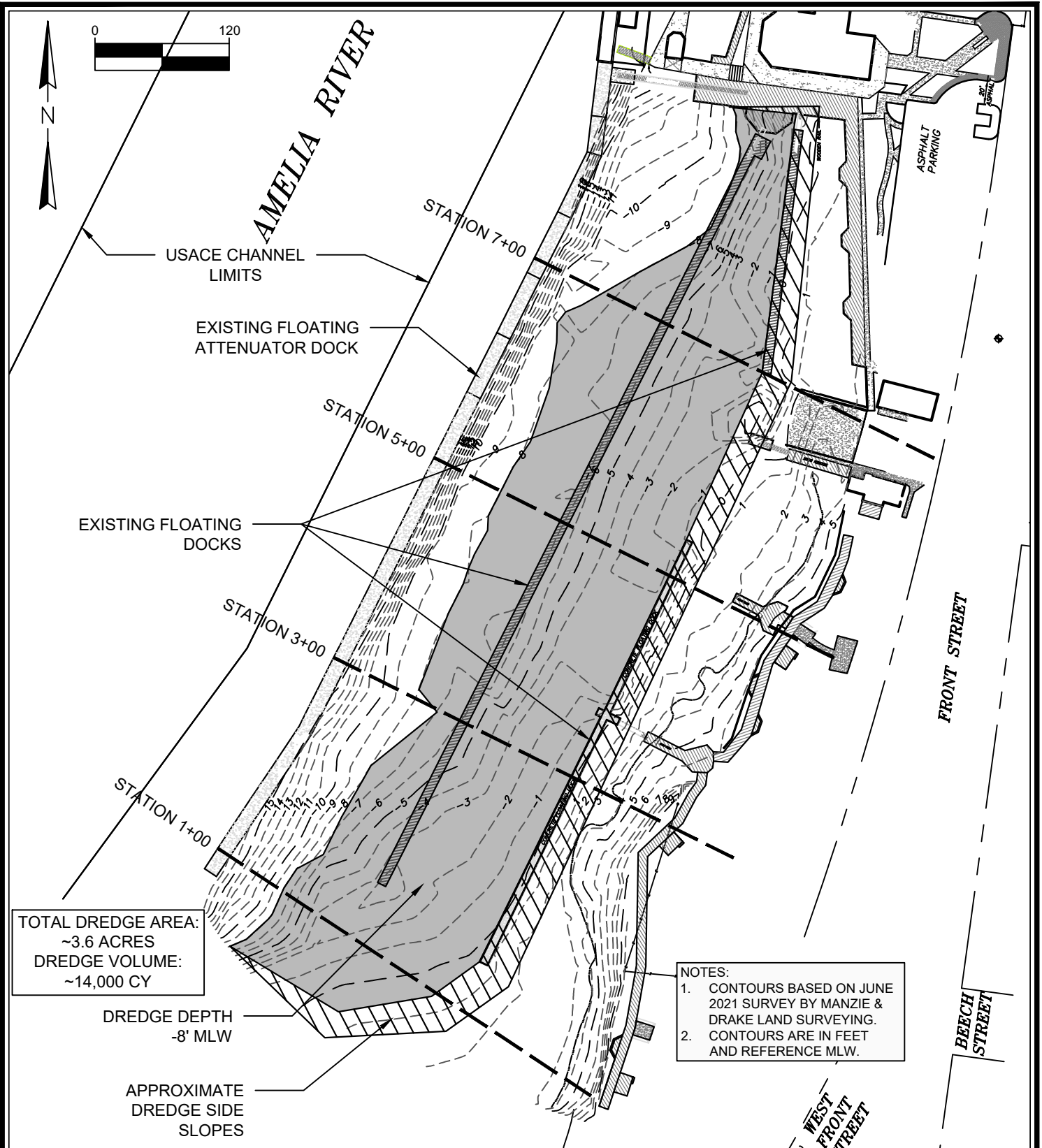
-  Marina Parcels
-  Parcel Boundaries



FOR PERMITTING PURPOSES ONLY
"NOT FOR CONSTRUCTION"

ITEM 10.42

O:\Projects\20-3513 Fernandina Harbor Marina\DWG\Dredge_Permit_2021\Fernandina_harbor_dredging_REV01.dwg 4 9/17/21
NOTE: THESE DRAWINGS AND DESIGNS ARE STRICTLY CONFIDENTIAL AND PROTECTED BY INTERNATIONAL COPYRIGHT LAW. DETAILS MUST NOT BE DISCLOSED, REPRODUCED OR COMMUNICATED TO A 3rd PARTY IN ANY FORM OR MANNER WITHOUT THE PRIOR WRITTEN APPROVAL OF APPLIED TECHNOLOGY & MANAGEMENT.



PROJECT: Fernandina Harbor Marina
Maintenance Dredging
WATERBODY: Amelia River
COUNTY: Nassau
STATE: Florida
LATITUDE: 30°40'13.63"N
LONGITUDE: 81°27'57.89"W

PROPOSED DREDGE PLAN CURRENT DREDGE NEEDS

Requested by: City of Fernandina Beach

Project Address: 3 S. Front Street, Fernandina Beach

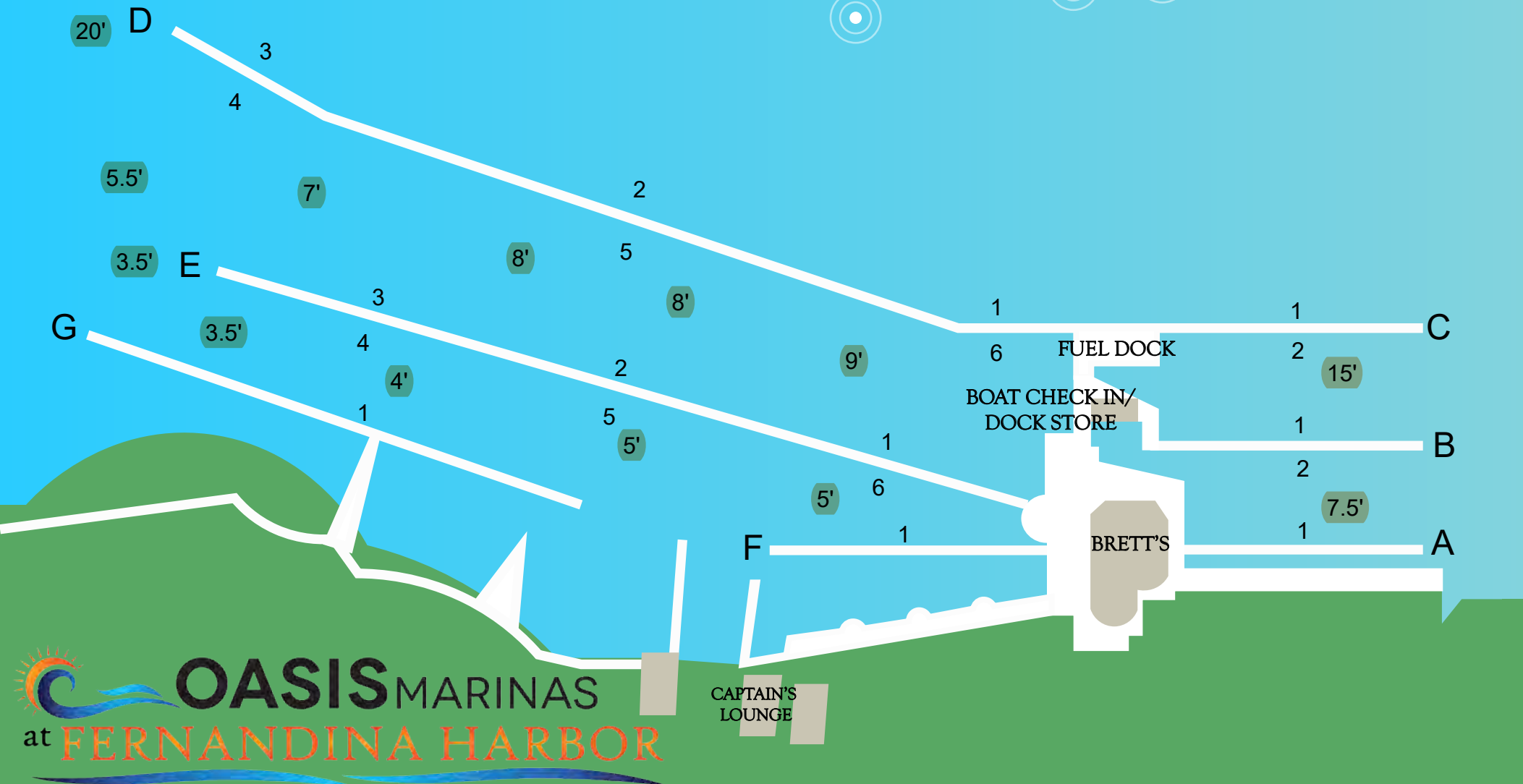
Parcel ID: 00-00-31-1760-0025-0000



20-September-2021
SHEET 4

30.6712° N, 81.4655° W

ITEM 10.42

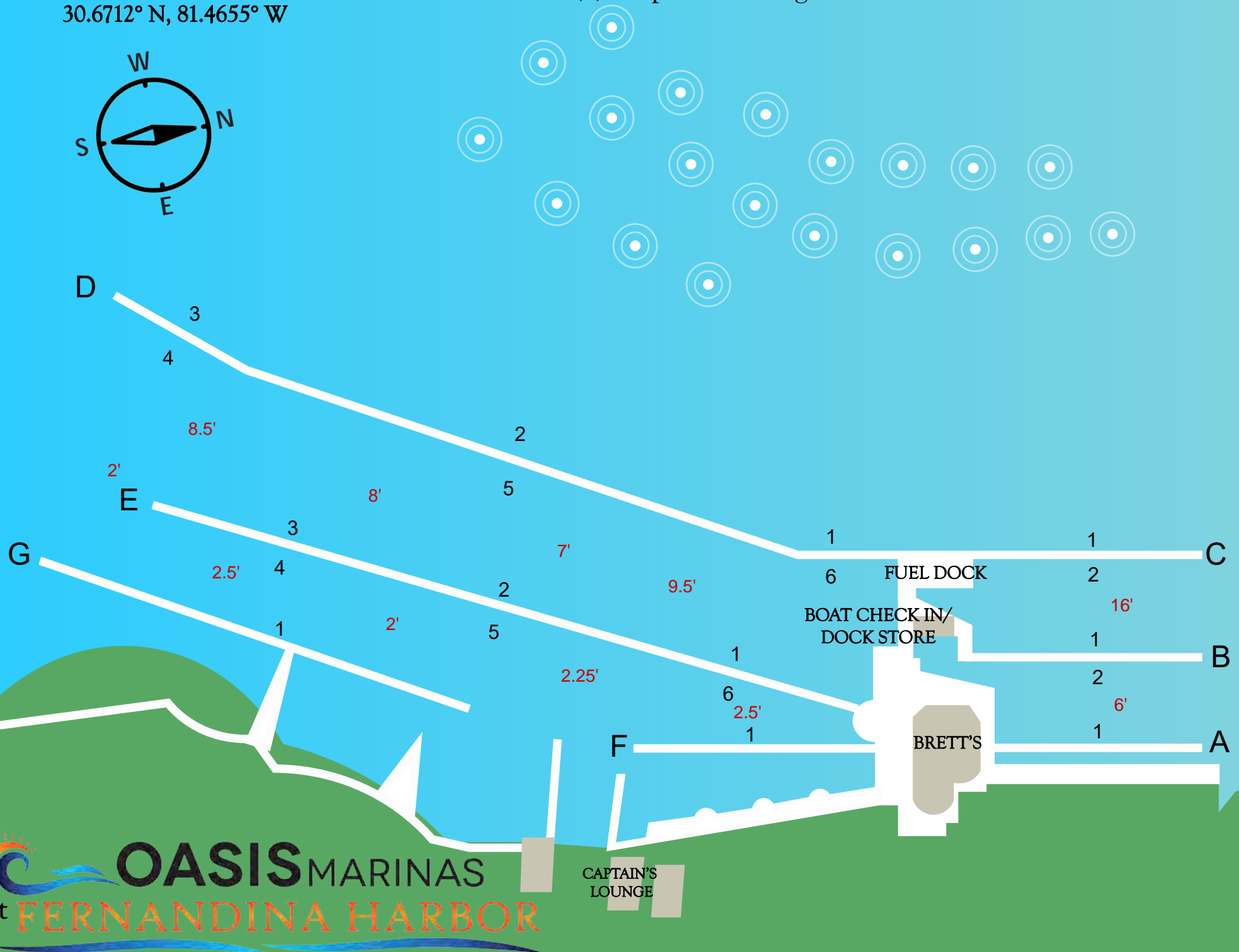
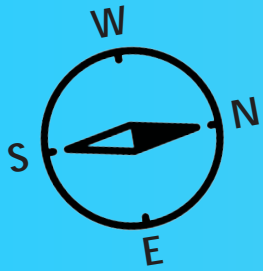


FERNANDINA BEACH, FL

30.6712° N, 81.4655° W

Attachment 6(a) Depth Reading from 1.4.2022

ITEM 10.42



ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023


APPLICANT INFORMATION			
Applicant: City of Daytona Beach, Florida			
Department: Public Works			
Project Title: City Island Shoreline Enhancement, Phase 1			
Project Director: David Waller		Title:	Public Works Director
Project Liaison: <small>(if different from Director)</small>	Shailesh Patel, Dredging & Marine Consultants Title:		President
Mailing Address:	4643 S. Clyde Morris Blvd, Unit 302		
City: Daytona Beach		Zip Code:	32129
Email Address: spatel@dmces.com		Phone #:	386-304-6505
Project Address:			

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____



DATE: _____



PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

As part of the continuation of its Comprehensive Riverfront Park Development, enhancement and public access, the City of Daytona Beach is seeking to enhance the shoreline along City Island to provide safer accessibility by replacing an old coquina wall and associated infrastructure with a new estimated 2,600 linear feet of composite wall, including overlook areas for fishing and recreational users as well as Kayak/Canoe/Stand-up Paddle Board facility which have been popular activities in this waterfront area. The City completed a similar shoreline improvement across this project area in 2021 with FIND grant assistance where significant private park investment has been made through a joint public-private partnership that is transforming this area into a vibrant waterfront destination for everyone, both over water and on land. In addition, FIND also partnered in the Transient Day Dock construction that enables boaters along the ICW to stop at this destination park.

The current intent is to develop a phased construction approach that will ultimately allow the City to improve the safe access to the waterfront along the entire shoreline of City Island.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Daytona Beach	Project Title: City Island Shoreline Enhancement, Phase 1	
Total Project Cost: \$196,000	FIND Funding Requested: \$98,000	% of Total Cost: 50
Amount of Applicant's Matching Funds:	\$98,000	
Source of Applicant's Matching Funds:	General Funds and Downtown CRA Funding	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

Not Applicable

3. Has the District previously provided assistance funding to this project or site? Yes ☐ No: ☒ X

If yes, please list:

FIND has previously funded a similar shoreline project in 2020 across from this site.

4. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

Currently there is no safe access to the shoreline other than a coquina wall and railing in some sections. This project will provide outlooks and a kayak/stand-up paddle board launch facility.

5. How many additional ramps, slips, parking spaces or other access features will be added by this project? This is a shoreline enhancement project to provide safer access for fishing and kayak/stand-up paddle board access and launching. Several overlooks will be added.

6. Are fees charged for the use of this project? No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A		
DEP	Yes		
ACOE	Yes		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	City Island Shoreline Enhancement, Phase 1
Applicant:	City of Daytona Beach

1) PRIORITY LIST:

- a) **Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)
Priority List Item: ~~6. Acquisition, dredging, shoreline stabilization and development of public boat docking ramps and launch facilities.~~

Project Priority #11 Waterfront parks and boardwalks ad associated improvements

- b) **Explain how the project fits this priority category.**

This project is part of the City of Daytona Beach comprehensive Riverfront Park development, which seeks to further enhance the shoreline along City Island and provide safer recreational access for fishing and kayak/stand-up paddle board.

(For reviewer only) 45
Max. Available Score for application _____

Question 1. Range of Score (1 to ³ points)

2) WATERWAY RELATIONSHIP:**a) Explain how the project relates to the ICW and the mission of the Navigation District.**

This project provides additional public recreational access to the many park amenities that exist and are continually being enhanced for all users over land and water along the ICW. This project is part of the overall vision of the CRA downtown revitalization.

b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

This project will provide recreational water activities and access to the resources around this area and the ICW.

(For reviewer only)

(1-6 points)

3) PUBLIC USAGE & BENEFITS:**a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

This project is 100% accessible by the public over land and water.

b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.

This park is accessible to everyone, including all boaters using the ICW; both regional and local.

c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

Not applicable.

(For reviewer only)

(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

This is a Phase 1 project for engineering design and permitting. The City intends to apply for initial cost-share construction grant in 2024 to initiate the construction after October 2024.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

Due to the current impacts from recent hurricanes, the cost of materials and labor has increased significantly, thus the overall timeline for completion of the estimated 2,600 linear feet may take longer due to costs and funding.

(For reviewer only)

(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

City will use its general funds and CRA Downtown funding to match 50% of the cost with this grant.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

Not Applicable

- c) Are there any fees associated with the use of this facility? No If so, please list or attach fee sheet.**

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area. Not Applicable.**

(For reviewer only)

(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

This project is a continuation of the City to further enhance the safe recreations of this entire waterfront park system by both recreational boaters and from the uplands.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

City will use general funds to maintain this facility.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

This project is part of the City's Comprehensive Riverfront Park development, enhancement and public access plan.

(For reviewer only)

(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) **Have all required environmental permits been applied for? (USACE, DEP and WMD) If permits are NOT required, explain why not.**

This is a Phase 1 Engineering and Permitting request. Permits will be secured under this phase.

- b) **If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

The construction Phase 2 is estimated to be completed in Phases due to estimated cost of approximately \$6,500,000

- c) **Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

There are no anticipated impediments that would delay the permits at this time.

8) PROJECT DESIGN:

- a) **Has the design work been completed?** No. This is a Phase 1 grant request.
If this is a Phase I project, has a preliminary design been developed? Yes, a preliminary conceptual has been developed and is attached.

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

The City intends replace the wall in the same location to minimize resource impacts. The floating docks will be places in deeper water or the area will be dredged to facilitate these docks.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) **Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

The City intends to use composite sheets and increase the elevation for future consideration of sea-level rise. The floats will be made out of concrete and all stainless steel materials will be used where applicable to protect against corrosion and increase longevity of the facility.

- b) **What is the design life of the proposed materials compared to other available materials?**

The design life is 40 plus years.

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) **How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

The project will be designed to meet all environmental compliance with materials that are sustainable in this environment. The wall will be elevated to meet future sea-level rise considerations.

- b) **What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

This project is increasing the elevation of the new wall and a floating system will be used to facilitate for tides and future sea-level rise.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____**Note:**

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	City Island Shoreline Enhancement, Phase 1
Applicant:	City of Daytona Beach

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Engineering Design and Permitting	196,000.00	98,000.00	98,000.00

**TOTALS =	\$ 196,000.00	\$ 98,000.00	\$ 98,000.00
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ATTACHMENT E-6

PROJECT TIMELINE

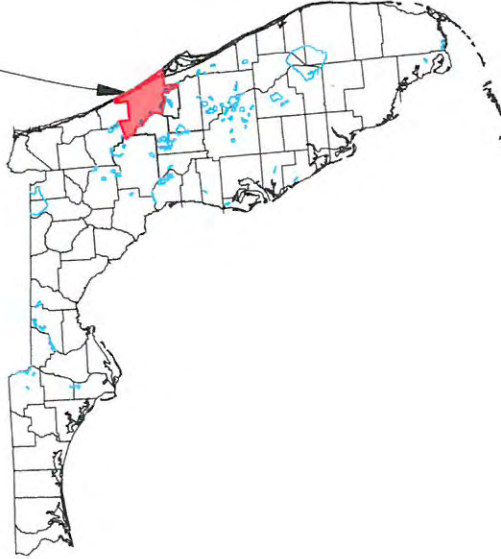
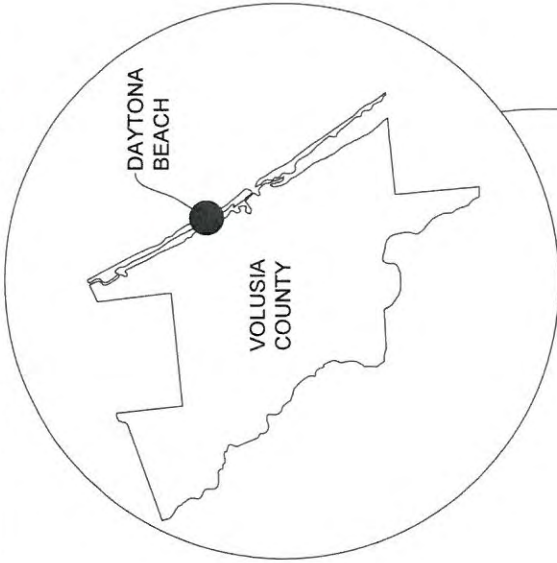
WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	City Island Shoreline Enhancement, Phase 1
Applicant:	City of Daytona Beach

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
October 2023	Engineering & Permitting
July 2024	Secure FDEP & USACOE Permits
August 2024	100% Design Plans
October/November 2025	Phase 2 Construction bidding
February 2026	Approve Contractor
March 2026	Initiate Construction
October 2027	Complete Section 1 Construction



ITEM 10.43

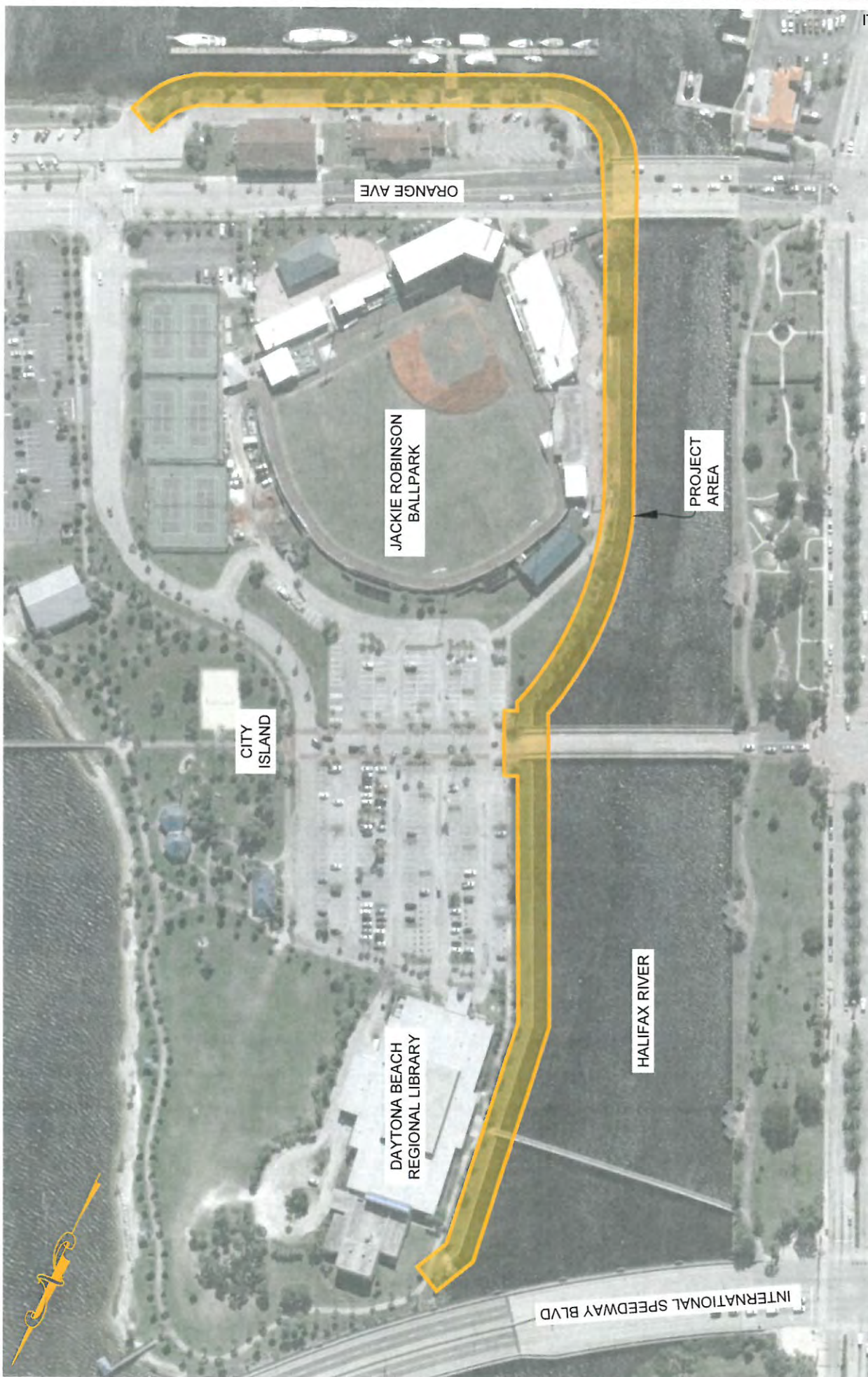
DRAWING: COUNTY/CITY LOCATION MAP			
DMC JOB NO. -			
DRAWN -	CAD	C3D	DRAWING NO. -
CHECKED -	SCALE AS SHOWN	DATE	03-24-2023
APPROVED -			

PROJECT NAME: CITY ISLAND SHORELINE ENHANCEMENT, PH. 1	
APPLICANT: CITY OF DAYTONA BEACH	

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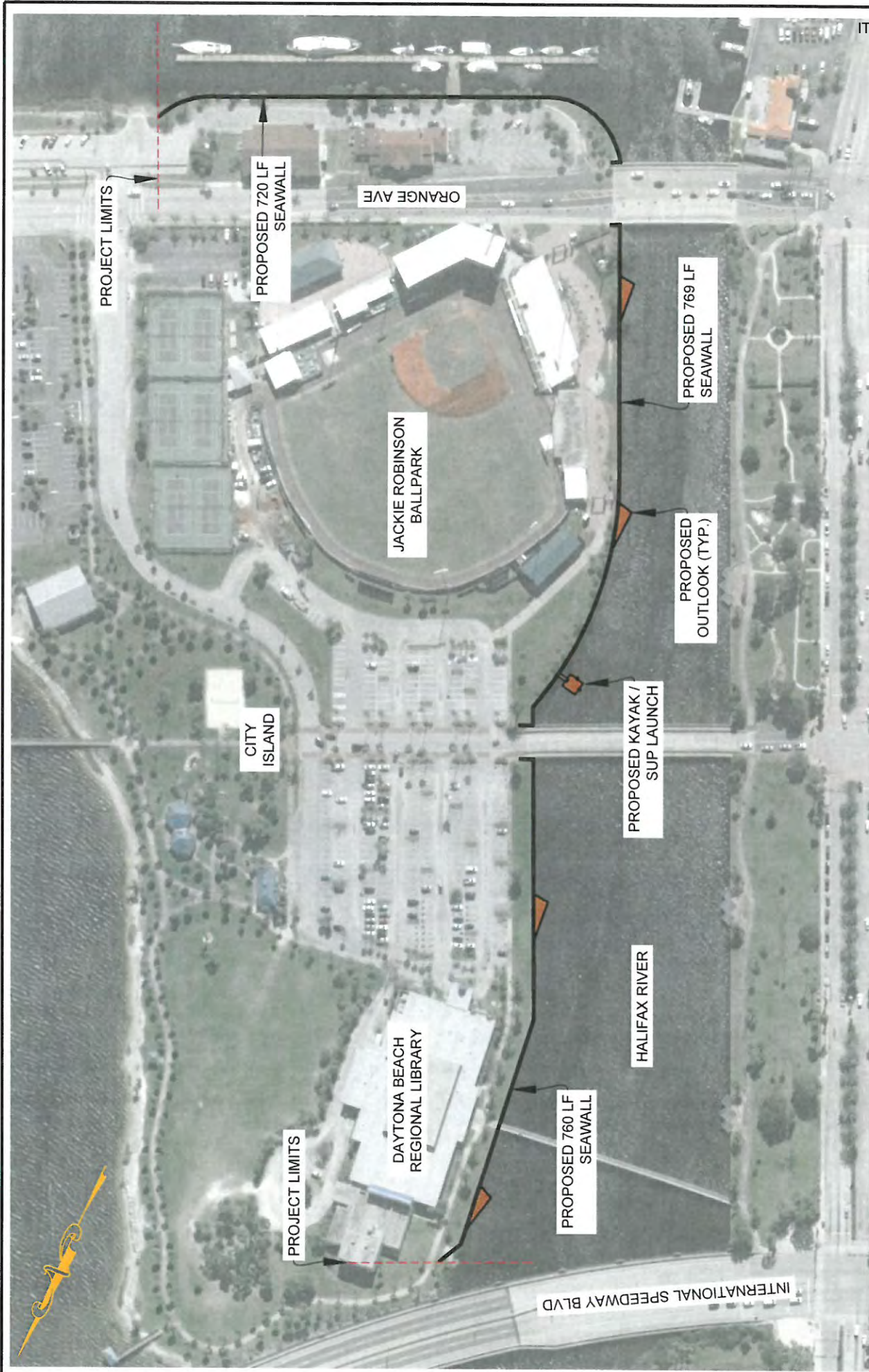


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www.dmcscs.com

PROJECT NAME:
**CITY ISLAND SHORELINE
ENHANCEMENT, PH. 1**
APPLICANT:
CITY OF DAYTONA BEACH

DRAWING: PROJECT BOUNDARY MAP			
DMC JOB NO. -			
DRAWN -	CAD -	C3D -	DRAWING NO. -
CHECKED -	SCALE AS SHOWN -		
APPROVED -	DATE 03-24-2023		



ITEM 10.43

DRAWING: SITE DEVELOPMENT MAP			
DMC JOB NO. -			
DRAWN -	CAD -	C3D -	DRAWING NO. -
CHECKED -	SCALE AS SHOWN		
APPROVED -	DATE 03-24-2023		

PROJECT NAME:
CITY ISLAND SHORELINE
ENHANCEMENT, PH. 1

APPLICANT:
CITY OF DAYTONA BEACH

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ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: CITY OF NEW SMYRNA BEACH			
Department: CITY MANAGER			
Project Title: NORTH CAUSEWAY BOAT RAMP: DOCK & AMENITY IMPROVEMENTS			
Project Director: KHALID RESHEIDAT		Title:	CITY MANAGER
Project Liaison: <small>(if different from Director)</small>	TODD ALEXANDER Chad Gibson	Title:	CIP MANAGER
Mailing Address:	210 SAMS AVENUE		
City: CITY OF NEW SMYRNA BEACH	Zip Code:	32168	
Email Address: CGibson@cityofnbs.com	Phone #:	386-410-2613	
Project Address:	160 & 162 NORTH CAUSEWAY, NEW SMYRNA BEACH, FL 32168		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE:  DATE: 3/8/2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The scope of work associated with this project is intended to provide safety improvements for boaters and recreational watercraft users of the Intercoastal Waterway (ICW). The scope includes converting (5) fixed finger piers into floating docks for improved access and resiliency during tidal elevation changes, FIND approved the Phase I Design and Permitting which has been initiated by the City. This grant request will be for the construction funding for Phase II Construction. Proposed construction time frame will be 12/2023 to 12/2024. A future Phase III will propose additional amenities to include approximately 1220 lineal feet of floating dock and boat slips, new Kayak Launch site, Shoreline Improvements and Outdoor Picnic Pavilions. Proposed construction time frame will be 12/2024 to 12/2025. Dredging will be conducted as needed for safe navigation from facility to the ICW channel.

ATTACHMENT E-3 PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: CITY OF NEW SMYRNA BEA		Project Title: NORTH CAUSEWAY BOAT RAMP: DOCK & AMENITY IMPROVEMENTS	
Total Project Cost: \$ 1,120,000.00	FIND Funding Requested: \$ 560,000.00	% of Total Cost: 50	
Amount of Applicant's Matching Funds:	\$560,000.00		
Source of Applicant's Matching Funds:	City - Parking Fund Revenue		

1. **Ownership of Project Site (check one):** Own: ☒ Leased: ☐ Other: ☐

2. **If leased or other, please describe lease or terms and conditions:**

N/A

3. **Has the District previously provided assistance funding to this project or site?** Yes ☒ No: ☐

4. **If yes, please list:**

NORTH CAUSEWAY BOAT RAMP IMPROVEMENTS (Phase I, Design and Permitting)

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

There are (45) paved boat trailer parking spaces at the immediate boat ramp launch with an overflow lot directly to the west on 4 acres of land that can accommodate approximately (70) additional boat trailers and 50 additional standard vehicles (without trailers).

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

The proposed improvements offer operational benefits to boaters with conversion of the fixed docks to floating docks to aid boaters with effects of low tide.

7. **Are fees charged for the use of this project?** No ☐ Yes ☒ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	No		
DEP	Yes	June 2023	Sept 2023
ACOE	Yes	June 2023	Sept 2023

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	NORTH CAUSEWAY BOAT RAMP: DOCK & AMENITY IMPROVEMENTS
Applicant:	CITY OF NEW SMYRNA BEACH

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application. (The application may only be of **one** type based upon the predominant cost of the project elements.)

2) 7. Acquisition, dredging, shoreline stabilization and development of public boat docking and mooring facilities.

- b) Explain how the project fits this priority category.

The City The North Causeway Boat ramp is a popular launch site featuring 5 fixed timber finger piers. Use of this launch site is limited due to the static design and its inability to align to tidal fluctuations and provide safe ADA access. This project proposes the conversion to a more modern and flexible state, floating docks and finger piers. The proposed conversion will enable ease of access in all tidal conditions, increased boater safety, and increased longevity and the ability to withstand storm surge. The need for dredging will be evaluated and conducted as needed to construct project.

(For reviewer only)

47

Max. Available Score for application

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.

FIND is committed to continued management and maintenance of the ICW and the development of waterway access and improvement projects. The City shares this commitment and has a vested interest in improving safety and access for boaters and recreational watercraft users that will be using this direct access point to the ICW.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

The proposed improvements are for use by boaters that directly launch to the ICW. This will ensure improved safety and access for boaters to continue to enjoy and access the waterway. Dredging needs will be evaluated to provide safe navigation access from this facility to the ICW channel.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access.
 Estimate the amount of total public use.

Currently, the existing fixed timber piers are susceptible to storm damage due to their aging state. During tidal fluctuations, the distance from the pier to the vessel may pose boarding and access challenges, such as climbing and jumping which is not ideal for all persons or weather conditions. The proposed floating system will align and adjust height with the moving tides providing safe access for all recreational watercraft.

- b) Discuss the regional and local public benefits provided by the project.
 Can residents from other counties of the District reasonably access and use the project? Explain.

Yes, access to all proposed amenities will be available to the public for local use and regional use.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

No.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) **Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

Project is in Design, Engineering and Permitting phase.

- b) **Briefly explain any unique aspects of this project that could influence the timeline.**

No known impacts.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) **List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

The city intends to utilize revenue generated from the boat ramp parking fund as well as matching grant dollars for construction funding.

- b) **Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

No known at this time.

- c) **Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

In order to park at the boat ramp, you are required to have a boat ramp parking pass which is free to applicants that reside in one of the FIND Counties. If not in one of the FIND Counties, users are required to pay to park.

- d) **If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

The fees generated from pay parking are utilized for maintenance, operations and future improvements of this facility.

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:

- a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The fixed finger piers that are in place currently at the boat ramp cause issues with boaters upon launch and return when there is low tide. They have trouble reaching up to access the dock for tying off their boats and for ingress and egress from their vessels. Floating docks would improve this operation. Dredging will be conducted as part of the project.

- b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.**

City Maintenance Operations currently performs needed cleaning and localized repairs to this facility and will continue to do so after the improvements are performed.

- c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?**

No.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
If permits are NOT required, explain why not.

The required USACE and DEP permits are being applied for as part of the Design Phase.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.

This application is for Phase II Construction with construction cost estimated at \$640,000 to \$660,000.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.

No known impacts.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) **Has the design work been completed?**
If this is a Phase I project, has a preliminary design been developed?

No design is not completed, the Design and Permitting has been initiated.

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

Boater safety and access is improved by converting the fixed piers to floating docks providing a stable and ADA compliant platform that adjusts to tidal changes.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) **Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

The intent is to construct concrete floating docks and concrete piling to anchor which would replace the fixed timber piers. Removing the wooden piers and utilizing concrete piling for anchoring will reduce maintenance needs and armor the docks against high wind and tidal events.

- b) **What is the design life of the proposed materials compared to other available materials?**

Concrete floating docks when properly inspected offer longer life than traditional wooden piers.

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?

The proposed project will provide safer access to the waterway for boaters, increase access to the waterway for other recreational watercraft like kayaks and paddle-boarders. Compliance and construction best practices have previously been implemented during the prior boat ramp parking lot improvement project and will be maintained during construction of these improvements as well.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?

The City has recently completed a Sea Level Rise Study which will be referenced during the design of the new floating piers and Shoreline Improvements.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

Form No. 91-25A

Rule 66B-2.005 (Effective Date: 3-21-01, revised 4-24-06, 1-27-14)

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	NORTH CAUSEWAY BOAT RAMP: DOCK & AMENITY IMPROVEMENTS
Applicant:	CITY OF NEW SMYRNA BEACH

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost <i>(To the nearest \$50)</i>	FIND Cost <i>(To the nearest \$50)</i>
Phase II Construction	1,120,000.00	560,000.00	560,000.00
**TOTALS =	\$ 1,120,000.00	\$ 560,000.00	\$ 560,000.00

ATTACHMENT E-6 PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

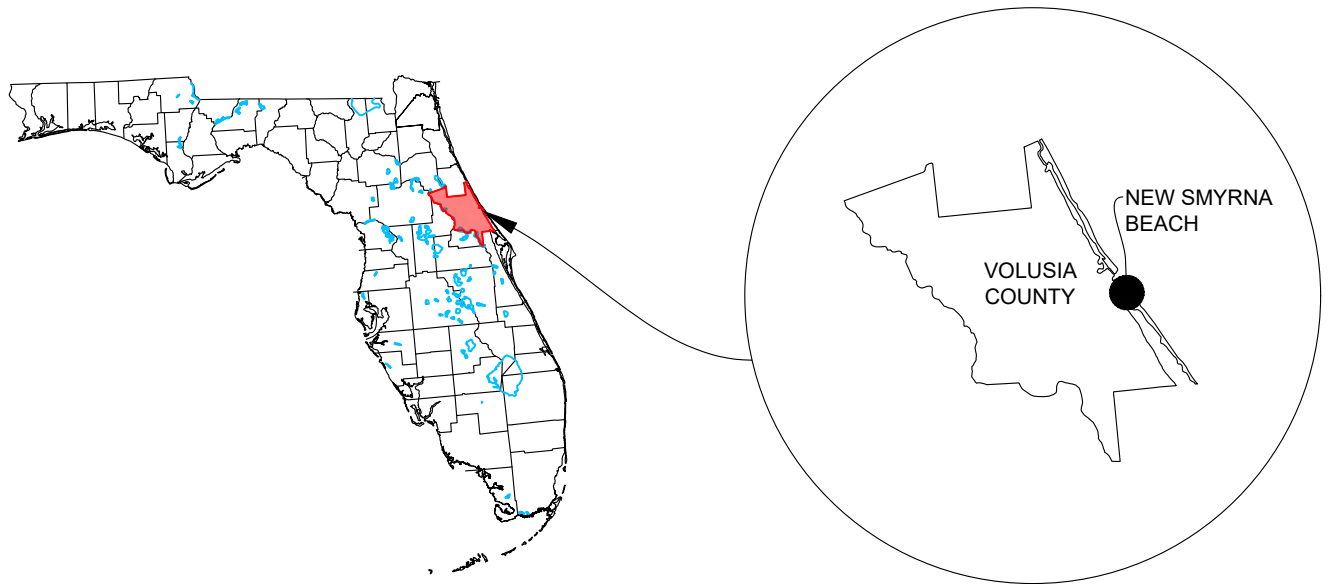
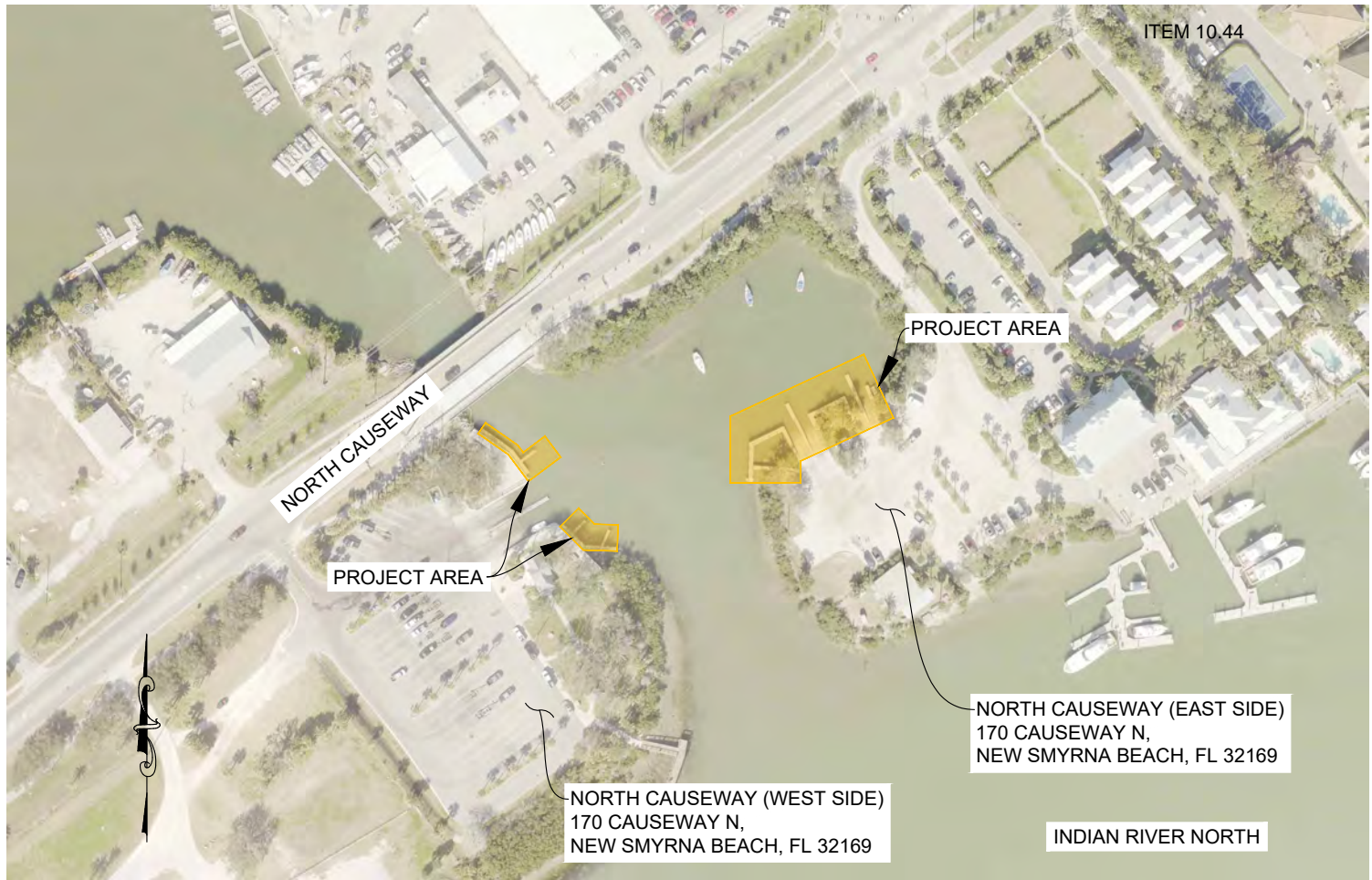
Project Title:	NORTH CAUSEWAY BOAT RAMP: DOCK & AMENITY IMPROVEMENTS
Applicant:	CITY OF NEW SMYRNA BEACH

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
April, 2023	30% Design Completion with Concept
April 2023	Permit Submittals
June 2023	60% Design Completion
August 2023	Secure Permit
September 2023	100% Design Complete
December 2023	Bid for Construction Project

Drawing Name: E:\My Share\DMC Projects\128 - City of New Smyrna Beach\23-128-11 North Causeway Boat Ramp Facility Improvements\Drawings\North Causeway Boat Ramp.dwg By: DMC-USER Tab: 01 3/24/2023



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PROJECT NAME:
NORTH CAUSEWAY BOAT RAMP

APPLICANT:
CITY OF NEW SMYRNA BEACH

DRAWN	AS	CAD	C3D	DRAWING NO.
CHECKED	AS	SCALE AS SHOWN		
APPROVED	CNT	DATE	3/24/2023	

NORTH CAUSEWAY

ADA ACCESSIBLE
DOCKSADA ACCESSIBLE
DOCKSADA ACCESSIBLE
DOCKSPROPOSED DREDGE AREA AS
NEEDED FOR BOATER
NAVIGATION AND RESTORATION

Dredging & Marine Consultants

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PROJECT NAME:
NORTH CAUSEWAY BOAT RAMP

APPLICANT:
CITY OF NEW SMYRNA BEACH

DRAWN	AS	CAD	C3D	DRAWING NO.
CHECKED	AS	SCALE AS SHOWN		
APPROVED	CNT	DATE 3/24/2023		

PROPOSED DREDGE AREA AS
NEEDED FOR BOATER
NAVIGATION AND RESTORATION

ADA ACCESSIBLE
DOCKS

ADA ACCESSIBLE
DOCKS

ADA ACCESSIBLE
DOCKS



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PROJECT NAME:
NORTH CAUSEWAY BOAT RAMP

APPLICANT:
CITY OF NEW SMYRNA BEACH

DRAWN	AS	CAD	C3D	DRAWING NO.
CHECKED	AS	SCALE	AS SHOWN	
APPROVED	CNT	DATE	3/24/2023	

Drawing Name: E:\My Share\DMC Projects\128 - City of New Smyrna Beach\23-128-11 North Causeway Boat Ramp Facility Improvements\Drawings\North Causeway Boat Ramp.dwg By: DMC-USER Tab: 03 3/24/2023

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Port Orange, Florida			
Department: Community Development			
Project Title: Day Dock at Riverwalk Park Design and Permitting, Phase I			
Project Director: Tim Burman		Title:	Community Development Director
Project Liaison: <small>(if different from Director)</small>	Shailesh Patel, Dredging & Marine Consultants		President
	Title:		
Mailing Address:	4643 S. Clyde Morris Blvd, Unit 302		
City: Port Orange	Zip Code:	32129	
Email Address: spatel@dmces.com	Phone #:	386-304-6505	
Project Address:	3431 and 3441 S. Ridgewood Avenue, Port Orange, FL 32129		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____


DATE: 3-20-2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

As part of the comprehensive Riverfront Park development, enhancement and public access, the City of Port Orange is seeking to build a Day (transient) Docking facility. The intent of this Day Dock facility is to provide recreational boaters access to the City's landward park amenities. The upland park was previously funded by FIND through multiple grants. The Day Docks are to be used as daytime only mooring for Volusia County residents and those who utilize the Intercoastal Waterway (ICW), which abuts the Day Dock facility location. Navigational access from the ICW navigation channel to the proposed Day Dock facility will be included.

The current intent is to develop a phased approach that will ultimately allow the City to have at least up to 35-foot boat vessels. Design and permitting to include a dock parallel to the shoreline for mooring of up to ten (10) vessels with a potential to add more slips as demand increases. Design will include survey of significant area of the waterways to identify a navigational access channel to the Day Dock facility and will evaluate any dredging needs to meet a minimum depth of -5 ft Mean Low Water.

ATTACHMENT E-3**PROJECT INFORMATION**

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Port Orange	Project Title: Day Dock at Riverwalk Park Design and Permitting	
Total Project Cost: \$184,000	FIND Funding Requested: \$92,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$92,000	
Source of Applicant's Matching Funds:	General Fund	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

3. Has the District previously provided assistance funding to this project or site? Yes ☒ No: ☐

4. If yes, please list: VO-PO-13-98 Riverwalk Launch and Boardwalk Design, Phase I; VO-PO-14-105 Riverwalk Launch and Boardwalk Construction, Phase II; VO-PO-14-106 Riverwalk P3 Waterfront Park North B Phase I Design; VO-PO-15-107 Riverwalk Park North B Phase II Construction

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

Riverwalk Park provides one canoe launch with direct access to the Halifax River, 977 linear feet of shoreline stabilization, 125 linear feet of fishing pier and 270 linear feet of boardwalk.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project? Mooring of up to ten (10) vessels with a potential to add more slips as demand increases

7. Are fees charged for the use of this project? No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A		
DEP	Yes		
ACOE	Yes		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Day Dock at Riverwalk Park Design and Permitting, Phase 1
Applicant:	City of Port Orange

1) PRIORITY LIST:

- a) **Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)
Priority List Item: **7. Acquisition, dredging, shoreline stabilization and development of public boat docking and mooring facilities;**

- b) **Explain how the project fits this priority category. This project is part of the comprehensive Riverfront Park development, enhancement and public access, the City of Port Orange is seeking to build a Day (transient) Docking facility. The intent of this Day Dock facility is to provide all recreational boaters along the ICW access to the City's landward park amenities.**

(For reviewer only) 47
Max. Available Score for application _____

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

This project provides access to all boaters navigating the ICW access to waterfront park and amenities.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

This project abuts the ICW channel and the City will evaluate navigational access and docking for recreation and use of amenities at the Park.

(For reviewer only)

(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

Currently there is no ability for boaters to dock in order to use the park facility and amenities. This project will be phased to increase transient docks that allow all boaters along the ICW to safely dock and use the park.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

This park is accessible to all boaters using the ICW; both regional and local. As part of the project, the City will evaluate navigational aspect to the site. Boaters do access the waterway adjoining the site and the City intends to provide a designated navigational channel for safe navigation and also to minimize impacts to resources.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

This project will enable the City to implement boating access to this site.

(For reviewer only)

(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

The City has currently engaged with an engineering firm to complete design and secure all regulatory permits that is consistent with Attachment E-6. This is a Phase 1 project. The City intends to apply for cost-share construction grant in 2024 to initiate the bidding and construction after October 2024.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

There are no unique aspects that is expected to influence the timeline.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**
General Funds will be utilized to provide the 50% match of \$92,000.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

The City intends to use concrete piles and floating system and does not expect any impacts due to material use. All metal components will be stainless steel to protect against corrosion and increase longevity of the facility.

- c) Are there any fees associated with the use of this facility? No If so, please list or attach fee sheet.**

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

There are no docks or any docking facilities at this Park site for any recreational boaters to use and access the park facilities. As part of the comprehensive Riverfront Park development, enhancement and public access, the City of Port Orange is seeking to build a Day (transient) Docking facility.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

City will use general funds to maintain this facility as it does for the Park facility.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

This project is part of the comprehensive Riverfront Park development, enhancement and public access plan.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) **Have all required environmental permits been applied for? (USACE, DEP and WMD) If permits are NOT required, explain why not.**

This is a Phase 1 Engineering and Permitting request. Permits will be secured under this phase.

- b) **If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

The construction Phase 2 is estimated to cost approximately \$650,000

- c) **Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

There are no anticipated impediments that would delay the permits at this time.

8) PROJECT DESIGN:

- a) **Has the design work been completed?** No
If this is a Phase I project, has a preliminary design been developed? Yes, a preliminary conceptual has been developed and is attached.

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

The City intends to conduct a hydrographic survey to identify any deep waters and create a navigational route that will be most economical, requiring the least amount of dredging and environmental resource impacts.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) **Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

The City intends to use concrete piles and floating system and does not expect any impacts due to material use. All metal components will be stainless steel to protect against corrosion and increase longevity of the facility.

- b) **What is the design life of the proposed materials compared to other available materials?**

The design life is 30 plus years.

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

Currently there is no docking facility at this site. The facility will be designed to meet all environmental compliance with materials that are sustainable in this environment.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

This project is utilizing a floating system to facilitate for tides and future sea-level rise.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Day Dock at Riverwalk Park Design and Permitting, Phase 1
Applicant:	City of Port Orange

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Engineering Design and Permitting	184,000.00	92,000.00	92,000.00

**TOTALS =	\$ 184,000.00	\$ 92,000.00	\$ 92,000.00
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ATTACHMENT E-6

PROJECT TIMELINE

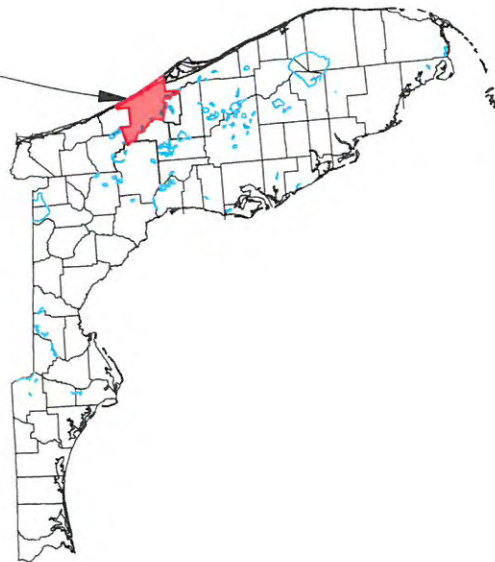
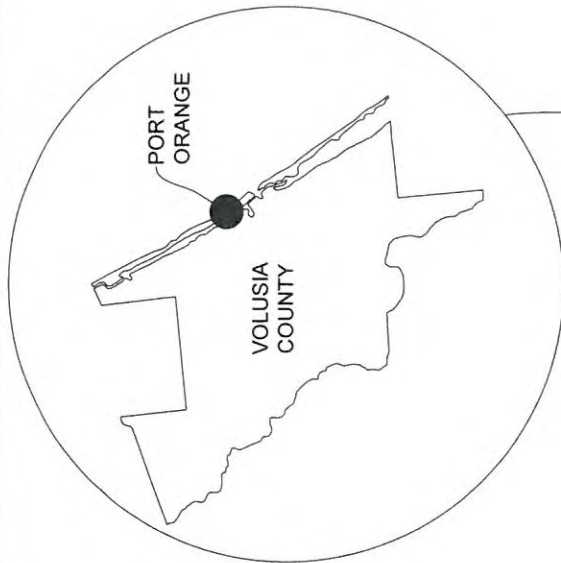
WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Day Dock at Riverwalk Park Design and Permitting, Phase 1
Applicant:	City of Port Orange

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
October 2023	Phase 1 Engineering & Permitting
February 2024	Secure FDEP & USACOE Permits
March 2024	100% Design Plans
October/November 2024	Phase 2 Construction bidding
February 2025	Approve Contractor
March 2025	Initiate construction
August 2025	Complete construction



ITEM 10.45

DRAWING: COUNTY/CITY LOCATION MAP
DMC JOB NO. -

DRAWN	CAD	C3D	DRAWING NO.
CHECKED	SCALE AS SHOWN	DATE	03-24-2023
APPROVED			-

PROJECT NAME: DAY DOCK AT RIVERWALK PARK
DESIGN AND PERMITTING, PH. 1

APPLICANT: CITY OF PORT ORANGE

Dredging & Marine Consultants
4643 S. Clyde Morris Blvd
Unit 302
Port Orange, FL 32129
Phone: (386) 304-6505
Fax: (386) 304-6506
www.dmcas.com





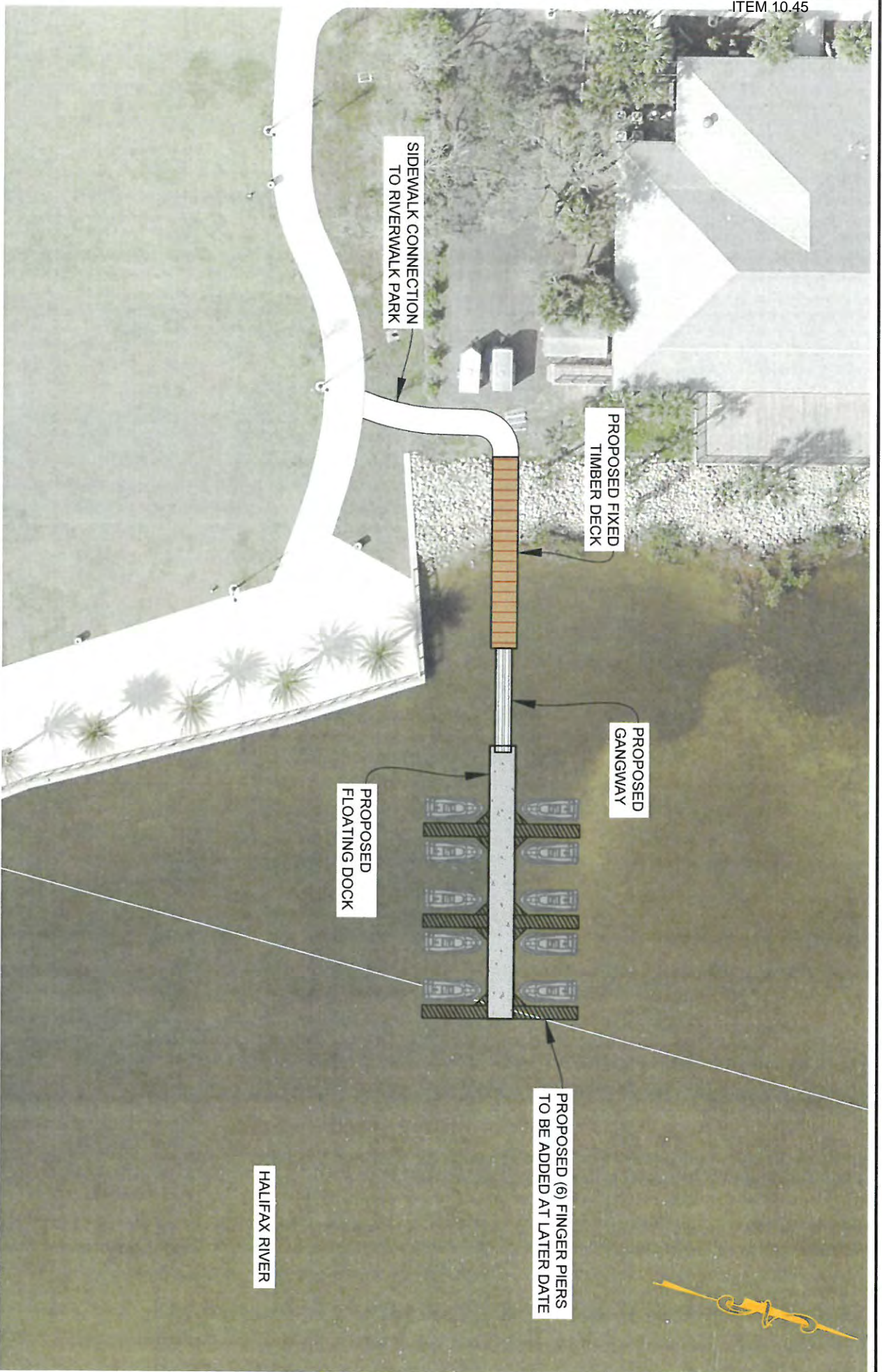
Dredging & Marine Consultants
DMC
ENGINEERS • SCIENTISTS

4643 S. Clyde Morris Blvd
 Unit 302
 Port Orange, FL 32129
 Phone: (386) 304-6505
 Fax: (386) 304-6506
 www.dmcscs.com

PROJECT NAME:
 DAY DOCK AT RIVERWALK PARK
 DESIGN AND PERMITTING, PH. 1

APPLICANT:
 CITY OF PORT ORANGE

DRAWING:		BOUNDARY MAP	
DRAWN	-	CAD	C3D
CHECKED	-	SCALE AS SHOWN	DRAWING NO.
APPROVED	-	DATE	03-24-2023



Dredging & Marine Consultants
DMC
ENGINEERS • SCIENTISTS

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 Phone: (386) 304-6505
 Fax: (386) 304-6506
 www.dmcscs.com

PROJECT NAME:

**DAY DOCK AT RIVERWALK PARK
 DESIGN AND PERMITTING, PH. 1**

APPLICANT:

CITY OF PORT ORANGE

DRAWING:

SITE DEVELOPMENT MAP

DMC JOB NO.

-

DRAWN

-

CAD

C3D

DRAWING NO.

CHECKED

-

SCALE AS SHOWN

APPROVED

-

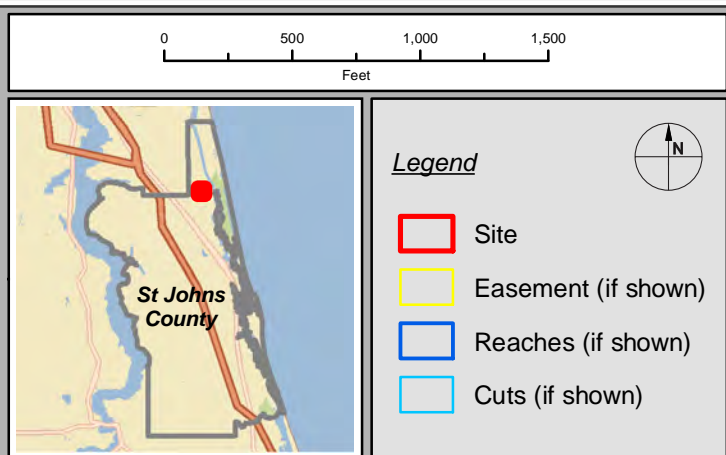
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03-24-2023

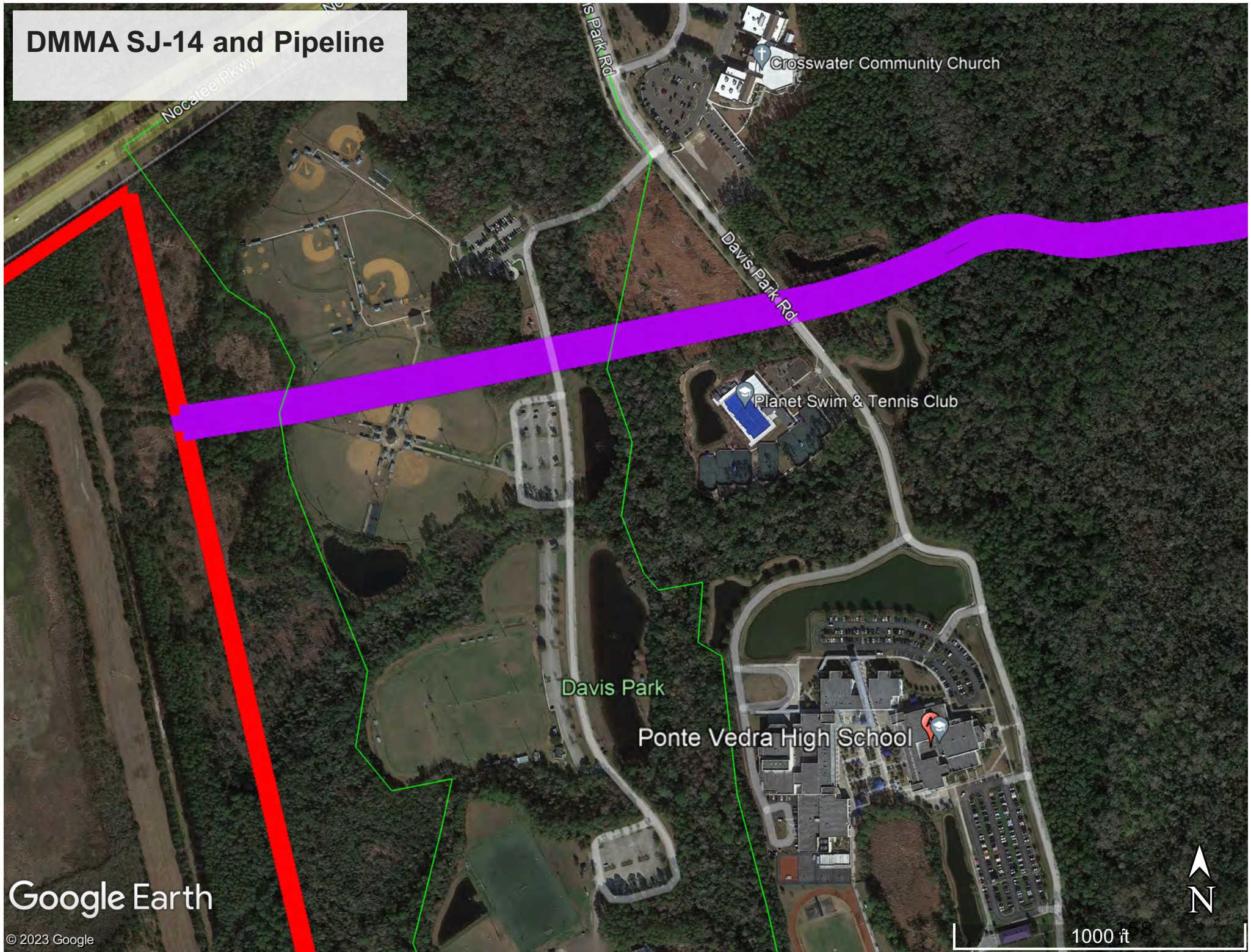
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Site	SJ-14
Common Name	Nocatee
County/City	St. Johns/Unincorporated
Geographic Proximity	Palm Valley to Deep Creek
Acquisition Dates	2/27/1995, 10/8/2009
Status	Constructed
Year Constructed	2004
Reach/Cuts	SJ-I & II / SJ-4 to SJ-15
Site Acres	202.6
Basin Acres	103.02
Design Capacity (cy)	1,953,289



DMMA SJ-14 and Pipeline



Google Earth

© 2023 Google



1000 ft



Damage to sidewalk north of easement,
east of road

New pad around eastern pipe sleeve. Metal sleeve needs to be cut flush with pad. Cover needs to be re-bolted to pad






Disturbed areas to be sodded

Concrete bollards to be installed around vent pipe

Sidewalk inside and outside of easement to be replaced



New pad around western pipe sleeve. Metal sleeve needs to be cut flush with pad. Cover needs to be re-bolted to pad



Looking east from
western side of road



Looking east from multi-purpose field



Damaged sidewalk to on
south side of multi-
purpose field to be
replaced





Damaged section of sidewalk to the north of easement

June 2, 2023

Monthly Report for the Florida Inland Navigation District

TO: Mark Crosley, Executive Director
Janet Zimmerman, Assistant Executive Director

FROM: Jim Davenport

President Joe Biden is poised to sign the bipartisan Fiscal Responsibility Act into law later today following Senate passage [63-36] late yesterday. The end of the debt ceiling drama means that Congress will now look to play catch-up on other “must pass” priorities for 2023. This includes markups of fiscal year (FY) 2024 appropriations bills in both the House and Senate, where bipartisan cooperation will be pivotal to meeting the budgetary spending cap parameters outlined within the Fiscal Responsibility Act. For additional details on the final debt ceiling agreement, please see our *TipSheet*.

We expect the House Appropriations Committee to move forward with markup of the Energy and Water Appropriations Bill in the coming weeks. Originally, House Appropriations Committee Chair Kay Granger (R-TX) had planned to wrap up appropriations bill markups by June 15th, but we expect that date will slip to later in the month. So hopefully, we will know by the end of the month whether the Intracoastal Waterway funding requests submitted by Reps. Mast and Posey are included in the House Energy and Water Appropriations bill. Mast submitted a \$2 million request and Posey submitted a \$2.5 million request for the IWW.

Please contact me with any questions.

TRP SPECIAL REPORT: DETAILS OF THE BIPARTISAN FISCAL RESPONSIBILITY ACT

EXECUTIVE SUMMARY

Following weeks of contentious negotiations and uncertainty over the debt ceiling, President Joe Biden and House Speaker Kevin McCarthy (R-CA) struck an agreement over the weekend that would avert a U.S. credit default in exchange for a series of budgetary and policy reforms. While negotiations leading up to this deal proved difficult, lawmakers now face a tight deadline to clear the package before the Treasury Department's anticipated June 5 "X date." This memo provides an overview of provisions contained within the package as well as a repository of documents and resources as they pertain to the bill.

RELEVANT DOCUMENTS

- [Section-by-section](#)
- [Statement of Administration Policy](#)
- [GOP Section-by-section](#)
- [Rescissions Summary](#)
- [SNAP-TANF Background](#)
- [Appropriations One-pager](#)
- [Conservative Senate Opposition Talking Points](#)
- [Budget Agreement One-pager](#)

LEGISLATIVE SUMMARY

In addition to suspending the debt limit until January 1, 2025, the [Fiscal Responsibility Act](#) includes the following policies:

- **Government spending.** The bill establishes two years of discretionary spending caps, as well as a one percent cut in government spending if all 12 appropriations bills do not pass by the end of the year. It also establishes discretionary spending limits for fiscal years (FY) FY 2026-2029, but these caps are not subject to the aforementioned sequestration rules. These discretionary spending limits are set at:
 - \$1.62 trillion for FY 2026
 - \$1.64 trillion for FY 2027
 - \$1.65 trillion for FY 2028
 - \$1.67 trillion for FY 2029

- **TANF.** The bill would establish a new five-state pilot program to encourage greater work and better family outcomes in the Temporary Assistance for Needy Families (TANF) program. The bill also takes steps to prevent states from sending “small checks” under the TANF program to employed SNAP recipients and require the Department of Health and Human Services (HHS) to collect data from states on outcome metrics for TANF recipients. The pilot program established under this provision would be authorized for six years.
- **SNAP.** Under the terms of the deal, the bill would tighten work requirements in the Supplemental Nutrition Assistance Program (SNAP) for able-bodied, low-income adults without dependents between the ages of 18-54. However, it would loosen work requirements for veterans, homeless individuals, and people leaving foster care. It would also decrease from 12 percent — established by the Agriculture Improvement Act of 2018 — to 8 percent, the number of able-bodied adults without dependents that qualify for an exemption from the federal work requirement for SNAP through FY 2023 and would sunset the exemption for fiscal 2024 and thereafter.
- **IRS Enforcement Funding.** The bill would claw back roughly \$20 billion in Inflation Reduction Act (IRA) funding for enforcement activities at the Internal Revenue Service (IRS). However, this provision is rumored to be a “handshake agreement” between Speaker McCarthy and President Biden and is not included in the text of the legislation. The bill itself only rescinds \$1.39 billion in unobligated balances originally appropriated to the IRS under the IRA. The agreement on the \$20 billion rescission is said to be repurposed over the next two fiscal years to shore up other non-defense spending priorities.
- **Rescissions.** The bill would rescind nearly \$30 billion in unobligated COVID-19 relief funds. Notable rescissions include: (1) \$10.4 billion from the Public Health and Social Services Emergency Fund — not to include cuts to programs involving vaccine development, testing procurement capacity, and other critical needs; (2) \$2.2 billion in Highway Infrastructure Programs — excluding funds provided for under the Infrastructure Investment and Jobs Act (IIJA); (3) \$1.7 billion in Centers for Disease Control (CDC) activities — excluding those involving genomic surveillance or vaccine safety and efficacy; and (4) \$1 billion in state unemployment insurance programs. A full list of the funding rescissions can be viewed [here](#).
- **Cost of War Toxic Exposure Fund.** The bill would appropriate funding to the Department of Veterans Affairs’ Cost of War Toxic Exposures Fund for FY 2024 and 2025. This would provide \$20.7 billion for FY 2024 and \$24.6 billion in FY 2025.
- **Administrative Pay-As-You-Go.** Under the bill, agencies would be required to submit any plans for certain discretionary administrative actions to the Office of Management and Budget (OMB) for review, including proposed actions the agency would take to cut direct spending, either greater than or equal to the increase that would result from the proposed action. Plans that do not include actions to offset direct spending would be sent back to the

agency, which would then have to resubmit the plan with an offset proposal. However, the OMB is granted the authority to waive this requirement for “essential services” or are deemed “necessary for effective program delivery.”

- **Student Loan Repayment.** The provision would end the pause on federal student loan payments and the accrual of interest on those loans 60 days after June 30, 2023. Additionally, the bill prohibits the Department of Education from extending this payment pause without congressional approval. The suspension of such payments was provided for under the CARES Act and would *not* nullify the Biden administration’s student loan debt forgiveness plan unveiled in August of 2022.
- **Permitting Reform.** Incorporate a series of modest permitting reforms within the National Environmental Policy Act (NEPA). These reforms include:
 - Elements of the **BUILDER Act**, codifying the One Federal Decision Framework, such as joint schedules, dispute resolution procedures, and single environmental impact statements.
 - Directing the Council on Environmental Quality to report to Congress on the possibility of creating an online portal for permits requiring NEPA review, with a budget of \$500,000 allocated for this purpose.
 - Requiring the North American Electric Reliability Corporation (NERC) to study the total transfer capability between neighboring transmission planning regions and make recommendations to strengthen reliability.
 - The findings of the study would be submitted to the Federal Energy Regulatory Commission (FERC) within 18 months, followed by a public comment period and a subsequent report to Congress by FERC.
 - Authorizing the construction and operation of the proposed Mountain Valley Pipeline, directing the Army to issue permits and verifications within 21 days of enactment.
- **Budget Enforcement in the House.** The bill would require the House Budget Committee to provide a statement outlining various allocations and budgetary information. This includes allocations for the House Appropriations Committee for FY 2024, considering discretionary spending limits and any resulting outlays. The statement should also include committee allocations for FY 2024 regarding current mandatory budget authority. For all other House committees, the statement should cover allocations for FY 2024 and FYs 2025 through 2033, focusing on the budgetary effects of any newly enacted laws during that period.
- **Budget Enforcement in the Senate.** The bill would require the Senate Budget Committee to provide a statement including allocations for the Senate Appropriations Committee for fiscal year 2024, factoring in the adjusted discretionary spending limits, as well as any resulting outlays and committee allocations for FY 2024 regarding current mandatory budget authority. For all other Senate committees, the statement should cover allocations and aggregate revenue levels for FY 2024, as well as the periods from FY 2024 through 2028 and

FY 2024 through 2033. Additionally, the statement should address the budgetary effects of any recently enacted laws during the period.