

**PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS**

**AGENDA ITEM SUMMARY**

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<b>Meeting Date:</b>	May 7, 2024	(X) Consent	( ) Regular
		( ) Workshop	( ) Public Hearing
<b>Department:</b>	<u>Environmental Resources Management</u>		

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**I. EXECUTIVE BRIEF**

**Motion and Title:** Staff recommends motion to:

**A) adopt** a Resolution for Assistance in support of a Waterways Assistance Program (WAP) Grant Application to the Florida Inland Navigation District (FIND) to fund up to \$57,750 or approximately 21% of the construction costs for the Old Bridge Park Dock Replacement Project (Project) in the City of Lake Worth Beach; and

**B) authorize** the County Administrator, or designee, to execute the Grant Project Agreement (Agreement), to sign all future time extensions, task assignments, certifications, and other forms associated with the Agreement, and any necessary minor amendments that do not substantially change the scope of work, or terms and conditions of the Agreement, if the grant application is approved.


**Summary:** The County will submit the grant application to FIND requesting \$57,750 in funding for the construction of a fixed dock to replace a floating dock that was damaged and subsequently removed in 2021. The total cost of the Project is \$275,654.98. If awarded, the County will provide a match in the amount of \$17,905.98, representing a 6% cost-share for the design of the Project. The County is also seeking \$199,999 in grant funding from FWC, approximately 73% of the total Project cost. If the grant application is approved, the County will be required to enter into a Grant Project Agreement with FIND. District 7 (SS)

**Background and Justification:** FIND offers grants to local governments for public projects directly related to boating access. If the grant is awarded, the Project is anticipated to begin construction in fall of 2025. The Project will provide additional public boating access in the Lake Worth Lagoon.

**Attachments:**

1. Resolution
2. FIND Waterways Assistance Program FY 2024 Grant Application

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<b>Recommended by:</b>		<u>3-26-2024</u>	SAS 3/18/24
	Department Director	Date	
<b>Approved by:</b>		<u>4/16/24</u>	
	Deputy County Administrator	Date	

**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2024	2025	2026	2027	2028
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County) (\$0)	_____	_____	_____	_____	_____
<b>NET FISCAL IMPACT</b>	_____	_____	_____	_____	_____
<b># ADDITIONAL FTE POSITIONS (Cumulative)</b>	_____	_____	_____	_____	_____
Is Item Included in Current Budget?			Yes _____	No _____	
Does this item include the use of federal funds?			Yes _____	No <u>X</u>	
Does this item include the use of state funds?			Yes <u>if grant awarded</u>	No _____	

**Budget Account No.:**

Fund 1232 Department 380 Unit 3088 Object 3401 Program

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

No fiscal impacts at this time. Should the grant be awarded, a budget amendment will be submitted to the Board for approval. Funding for this project is anticipated from a combination of state grants and the Manatee Protection Fund.

**C. Department Fiscal Review:**

*Spring*

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and /or Contract Dev. and Control Comments:**

*Lucy M... 4/8/24*      *Branda Mackle 4/8/24*  
 OFMB      *GA 413 4/4*      Contract Development & Control  
                  *V.S 415*      *mob 4/8/24*

**B. Legal Sufficiency:**

*[Signature]*      *4/16/24*  
 Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
 Department Director

# Attachment 1: Resolution

**ATTACHMENT E-7**  
**RESOLUTION FOR ASSISTANCE 2024**  
UNDER THE FLORIDA INLAND NAVIGATION DISTRICT  
WATERWAYS ASSISTANCE PROGRAM

WHEREAS, PALM BEACH COUNTY is interested in carrying out the following described project for the enjoyment of the citizenry of Palm Beach County and the State of Florida:

Project Title: Old Bridge Park Dock Replacement

Total Estimated Cost \$ 275,654.98

Brief Description of Project: Replace previously removed floating dock with a fixed dock utilizing the same footprint and re-using some materials from the floating dock.

AND, Florida Inland Navigation District financial assistance is required for the program mentioned above,

NOW THEREFORE, be it resolved by PALM BEACH COUNTY that the project described above be authorized,

AND, be it further resolved that said PALM BEACH COUNTY make application to the Florida Inland Navigation District in the amount of 21% of the actual cost of the project on behalf of said PALM BEACH COUNTY.

AND, be it further resolved by PALM BEACH COUNTY that it certifies to the following:

1. That it will accept the terms and conditions set forth in FIND Rule 66B-2 F.A.C. and which will be a part of the Project Agreement for any assistance awarded under the attached proposal.
2. That it is in complete accord with the attached proposal and that it will carry out the Program in the manner described in the proposal and any plans and specifications attached thereto unless prior approval for any change has been received from the District.

(1)

3. That it has the ability and intention to finance its share of the cost of the project and that the project will be operated and maintained at the expense of said PALM BEACH COUNTY for public use.

4. That it will not discriminate against any person on the basis of race, color or national origin in the use of any property or facility acquired or developed pursuant to this proposal, and shall comply with the terms and intent of the Title VI of the Civil Rights Act of 1964, P. L. 88-352 (1964) and design and construct all facilities to comply fully with statutes relating to accessibility by persons with disabilities as well as other federal, state and local laws, rules and requirements.

5. That it will maintain adequate financial records on the proposed project to substantiate claims for reimbursement.

6. That it will make available to FIND if requested, a post-audit of expenses incurred on the project prior to, or in conjunction with, request for the final 10% of the funding agreed to by FIND.

(This space was intentionally left blank)

The foregoing Resolution was offered by Commissioner \_\_\_\_\_, who moved its adoption. The motion was seconded by Commissioner \_\_\_\_\_, and upon being put to a vote, the vote was as follows:

Commissioner Maria Sachs, Mayor	_____
Commissioner Maria G. Marino, Vice Mayor	_____
Commissioner Gregg K. Weiss	_____
Commissioner Michael A. Barnett	_____
Commissioner Marci Woodward	_____
Commissioner Sara Baxter	_____
Commissioner Mack Bernard	_____

The Mayor thereupon declared the Resolution duly passed and adopted this \_\_\_\_\_ day of \_\_\_\_\_, 2024.

APPROVED AS TO FORM AND  
LEGAL SUFFICIENCY

PALM BEACH COUNTY, FLORIDA, BY  
BOARD OF COUNTY COMMISSIONERS



JOSEPH ABRUZZO,  
Clerk of the Circuit Court & Comptroller

By: \_\_\_\_\_  
Scott A. Stone  
Assistant County Attorney

By: \_\_\_\_\_  
Deputy Clerk

# Attachment 2: Grant Application

**ATTACHMENT E-1**  
**APPLICATION CHECKLIST**  
WATERWAY ASSISTANCE PROGRAM FY 2024

<b>Project Title:</b>	<b>Old Bridge Park Dock Replacement</b>
<b>Applicant:</b>	<b>Palm Beach County</b>

**This checklist and the other items listed below in items 1 through 13 constitute your application. The required information shall be submitted in the order listed.**

**An electronic copy shall be emailed (15mb maximum file size) to CKelley@aicw.org. Application must be received by the deadline, no exceptions.**

**All information will be printed on 8 ½"x11" paper to be included in agenda books bound by staff.**

	<u>YES</u>	<u>NO</u>
1. District Commissioner Review (prior to March 4rd) (NOTE: <b><u>For District Commissioner initials ONLY!</u></b> ) (District Commissioner must initial the yes line on this checklist for the application to be deemed complete)	<i>CKelley</i>	_____
2. Application Checklist – E-1 (Form No. 90-26, 2 pages) (Form must be signed and dated)	<input checked="" type="radio"/>	<input type="radio"/>
3. Applicant Info/Project Summary – E-2 (Form No. 90-22, 1 page)(Form must be completed and signed)	<input checked="" type="radio"/>	<input type="radio"/>
4. Project Information – E-3 (Form No. 90-22a, 1 page)	<input checked="" type="radio"/>	<input type="radio"/>
5. Application and Evaluation Worksheet – E-4(+) (Form No.91-25) (One proper sub-attachment included, 7 pages) Must answer questions 1-10. <b>No signatures required</b>	<input checked="" type="radio"/>	<input type="radio"/>
6. Project Cost Estimate – E-5 (Form No. 90-25, 1 page) <b>(Must be on District form)</b>	<input checked="" type="radio"/>	<input type="radio"/>
7. Project Timeline – E-6 (Form No. 96-10, 1 page)	<input checked="" type="radio"/>	<input type="radio"/>
8. Official Resolution Form – E-7 (Form No. 90-21, 2 pages) <b>(Resolution must be in District format and include items 1-6)</b>	<input type="radio"/>	<input checked="" type="radio"/>



ATTACHMENT E-1 (Continued)

APPLICATION CHECKLIST

WATERWAY ASSISTANCE PROGRAM FY 2024

- |   | <u>YES</u>                       | <u>NO</u>             |
|---|----------------------------------|-----------------------|
| 9. Attorney's Certification (Land Ownership) – E-8<br><b>(Must be on or follow format of Form No. 94-26,<br/>Legal descriptions NOT accepted in lieu of form)</b> | <input checked="" type="radio"/> | <input type="radio"/> |
| 10. County/City Location Map  | <input checked="" type="radio"/> | <input type="radio"/> |
| 11. Project Boundary Map  | <input checked="" type="radio"/> | <input type="radio"/> |
| 12. Clear & Detailed Site Development Plan Map  | <input checked="" type="radio"/> | <input type="radio"/> |
| 13. Copies of all Required Permits: ACOE, DEP, WMD<br>(Required of development projects only)   | <input checked="" type="radio"/> | <input type="radio"/> |

The undersigned, as applicant, acknowledges that Items 1 through 12 above constitutes a complete application and that this information is due in the District office no later than 4:30 PM, April 1, 2024. By May 15, 2024 my application must be deemed complete (except for permits) or it will be removed from any further consideration by the District. I also acknowledge that the information in Item 13 is due to the District no later than September 16, 2024. If the information in Item 13 is not submitted to the District office by September 16, 2024, I am aware that my application will be removed from any further funding consideration by the District.

LIAISON: Deborah Drum TITLE: Department Director

*Deborah Drum*

3-26-24  
DATE

**\*\* SIGNATURE - PROJECT LIAISON \*\***

<b>FIND OFFICE USE ONLY</b>	
Date Received:	_____
Local FIND Commissioner Review:	_____
All Required Supporting Documents:	_____
Applicant Eligibility:	_____
Project Eligibility:	Available Score: _____
Compliance with Rule 66B-2 F.A.C.:	_____
Eligibility of Project Cost:	_____

**ATTACHMENT E-2**  
**APPLICANT INFORMATION & PROJECT SUMMARY**  
 WATERWAY ASSISTANCE PROGRAM FY 2024

<b>APPLICANT INFORMATION</b>			
Applicant: Palm Beach County			
Department: Environmental Resources Management			
Project Title: Old Bridge Park Dock Replacement			
Project Director: Deborah Drum		Title:	Department Director
Project Liaison: <i>(if different from Director)</i>		Title:	
Mailing Address:	2300 N Jog Rd		
City: West Palm Beach	Zip Code:	33411	
Email Address: ddrum@pbcgov.org and sfischer2@pbcgov.org	Phone #:	(561)233-2400	
Project Address:	1 S Ocean Blvd, Lake Worth Beach, FL 33460		

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

SIGNATURE: \_\_\_\_\_



DATE: \_\_\_\_\_

3-26-2024

<p><b>PROJECT NARRATIVE</b> (Please summarize the project in space provided below in 2 paragraphs or less.)</p> <p>The Old Bridge Dock Replacement Project is located in the City of Lake Worth Beach on the northeast side of the Intracoastal Waterway off the Lake Ave Bridge in the Lake Worth Lagoon. The Project consists of replacing the previously removed floating dock with a fixed dock in the same footprint and utilizing some of the existing concrete pilings as deemed feasible. The proposed dock connects to the existing bulkhead in lieu of the previously installed aluminum gangway and extends approximately 105' waterward from the existing bulkhead. Final design plans are complete and the Project is ready to start once bids are finalized. The resilience of the fixed dock to projected sea level rise was considered to optimize dock's functionality during design life. The Old Bridge Park Dock Replacement Project will provide increased public boating access and amenities to an active and restored area in Lake Worth Beach including the Lake Worth Public Beach, Jewell-Steinhardt Cove, Lake Worth Casino shops, local farmers market and more.</p>
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**ATTACHMENT E-3  
PROJECT INFORMATION**

WATERWAY ASSISTANCE PROGRAM FY 2024

<b>Applicant:</b> Palm Beach County	<b>Project Title:</b> Old Bridge Park Dock Replacement	
<b>Total Project Cost:</b> \$ 275,654.98	<b>FIND Funding Requested:</b> \$ 57,750.00	<b>% of Total Cost:</b> 21
<b>Amount of Applicant's Matching Funds:</b>	\$199,999.00 + \$17,905.98	
<b>Source of Applicant's Matching Funds:</b>	Florida Boating Improvement Program (TBA July 2024), Palm Beach County (self)	

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

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

Owned by the City of Lake Worth Beach and under an agreement with Palm Beach County for Restoration purposes.

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

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

Funding was received in 2014 for the "Old Bridge Park Natural Area" project for \$251,875. The Project included seawall demolition and replacement, installation of concrete pilings and a floating dock, and habitat restoration along the shoreline. The project was completed in 2017.

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):**

No boating access is available at this time.

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

105' of dock that can accommodate three 30' vessels at once. Project components include fenders, dock cleats, and dock ladders.

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	06/2022	07/2022
ACOE	Yes	06/2022	07/2022*

**ATTACHMENT E-4**  
**EVALUATION WORKSHEET**  
WATERWAY ASSISTANCE PROGRAM FY 2024

**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.

<b>Project Title:</b>	Old Bridge Park Dock Replacement
<b>Applicant:</b>	Palm Beach County

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**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 Project will include the construction of a fixed public boat docking facility at Old Bridge Park.

*(For reviewer only)*

Max. Available Score for application \_\_\_\_\_

Question 1. Range of Score (1 to \_\_\_\_\_ points)

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## 2) WATERWAY RELATIONSHIP:

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

The Project is located within the Lake Worth Lagoon east of the ICW and is expected to function as a public day use docking facility, providing protection to the ICW and increasing boating opportunities in the area.

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

This Project will provide day use of a docking facility immediately adjacent to the ICW in an area of the Lake Worth Lagoon that has limited free public use docking facilities.

*(For reviewer only)*  
*(1-6 points)*

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## 3) PUBLIC USAGE & BENEFITS:

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

Old Bridge Park is currently used by the public for fishing, parking for the local shops, restaurants and public beach, and sightseeing along the trails that were previously restored in 2017. There is currently no boating access and a fixed dock is expected to receive frequent usage as the floating dock did until its removal in 2021.

- 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 other residents can access the public use dock if they are traveling by boat through the ICW and by car to Old Bridge Park. It is anticipated this site will be visited daily from both the water and the land.

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

The fixed dock project is currently the only boating access project in the area at this time and no other restrictions to the site are expected.

*(For reviewer only)*  
*(1-8 points)*

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#### 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 Project is ready to prepare for bid, the final design is complete and the permit exemptions have been received (2022). Contract development will begin once funding has been secured.

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

Palm Beach County's bid process (from bid package preparation to bid selection and award) takes 6 - 9 months.

*(For reviewer only)*  
*(1-3 points)*

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#### 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.

FWC Florida Boating Improvement Program Grant - application submitted March 21st, 2024, expecting to be awarded in July 2024 (requesting \$199,999).

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

Construction costs may go up due to inflation, the Project budget has adjustments for inflation to the anticipated date of contractor award (May 2025).

- 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 this facility, it will be a public day use dock.

- 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)*

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**6) PROJECT VIABILITY:**

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

Old Bridge Park is located in the former right-of-way of the bridge that connected the mainland to the barrier island starting back in 1919. In 2017, the Old Bridge Park Restoration Project was completed by Palm Beach County, a project that consisted of a seawall replacement, installation of a floating dock and aluminum gangway, and construction of a new sidewalk with landscaping and educational kiosk. This 2017 project increased public access, improved shoreline stabilization and increased opportunities for education and recreation. In 2021, the previous floating dock was removed due to deterioration that prevented boaters from safely accessing the park. The Old Bridge Park Dock Replacement Project intends to replace the previous floating dock with a fixed dock in the same footprint, utilizing two out of the five existing concrete piles. The floating dock provided a public location in an area that has mostly private boating access facilities nearby for boaters to load and unload passengers and supplies, an opportunity to make any repairs of their boat if needed for an emergency, dispose of any trash, use public restroom facilities across the street, for recreational purposes and provide additional Lagoon access for emergency response. It is a popular location used by the public for fishing, sightseeing at Jewell-Steinhardt Cove, and visiting local restaurants and shops.

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

The Project will be maintained by Palm Beach County and the City of Lake Worth Beach. City staff will provide routine maintenance of park facilities. County staff will provide inspections for safety and function of the fixed dock as well as any repairs as needed. As applicable, funding for repairs will come from external funding sources such as other grant programs and/or local government funds.

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

Yes, one of the goals of the Lake Worth Lagoon Management Plan (2021) is to increase public access to the Lagoon. This Project will fit that need.

*(For reviewer only)*  
*(1-7 points)*

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**SUB-TOTAL \_\_\_\_\_**

**ATTACHMENT E-4A**  
**EVALUATION WORKSHEET**  
**DEVELOPMENT & CONSTRUCTION PROJECTS**

WATERWAY ASSISTANCE PROGRAM FY 2024

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.

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**7) PERMITTING:**

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

Yes, we received a permit exemption from FDEP in 2022. This permit exemption approved Federal authorization through the State Programmatic General Permit IV, not requiring\* a separate permit or authorization from the Army Corp.

- 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.**

No impediments are anticipated.

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

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## 8) PROJECT DESIGN:

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

Yes the final design is ready to prepare for bid.

- 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 utilizes an existing footprint set by the previously removed floating dock. Under these conditions, the Project reduces costs a new footprint would incur such as a benthic survey and new permits. The Project design also includes the re-use of some of the existing concrete pilings in place from the old floating dock.

*(For reviewer only)  
(1-2 points)*

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## 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 Project will utilize some of the existing concrete pilings. Wood or other material types (ipe or black locust) will be used for the deck of the fixed dock, a safety ladder will be included at the end of the dock and dock ladders will be evenly spaced between pilings, cleats and fenders. Typical construction techniques will be used.

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

Typical design life of a timber fixed dock with decking is 20 to 30 years and the concrete pilings installed in 2016 have a 40-year service life. Stainless steel hardware perform well in marine environments and have an expected service life of 20 to 30 years. While design life is similar, other materials such as pressure treated pine, require more maintenance (such as annual sealing) since the material is more prone to decay.

*(For reviewer only)  
(1-3 points)*

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**10) ENVIRONMENTAL COMPONENTS:**

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

Old Bridge Park is a previous restoration site fixed with an educational kiosk. Restoration took place in 2017 to install a new seawall, add in a rock revetment to provide oyster and fish habitat, and the installation of the floating dock. Connected to the Park is a walkway to Jewell-Steinhardt Cove, another County restoration project completed in 2017 that features more native landscape canopy, oyster and fish habitat and a location of many public outreach events.

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

The elevation of the design considered projections for sea level rise and storm surge. Elevation of the deck is set to +3.60' NAVD.

*(For reviewer only)*  
*(1-3 points)*

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**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 2024

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

<b>Project Title:</b>	<b>Old Bridge Park Dock Replacement</b>
<b>Applicant:</b>	<b>Palm Beach County</b>

<b>Project Elements</b> <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>	<b>Total Estimated Cost</b>	<b>Applicant's Cost</b> <i>(To the nearest \$50)</i>	<b>FIND Cost</b> <i>(To the nearest \$50)</i>
Construction	244,622.57	186,900.00	57,750.00
Design and Permitting	17,905.98	17,900.00	0.00
Project Management	13,126.43	13,150.00	0.00

<b>**TOTALS =</b>	<b>\$275,654.98</b>	<b>\$217,950.00</b>	<b>\$57,750.00</b>
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**ATTACHMENT E-6**  
**PROJECT TIMELINE**  
WATERWAY ASSISTANCE PROGRAM FY 2024

<b>Project Title:</b>	<b>Old Bridge Park Dock Replacement</b>
<b>Applicant:</b>	<b>Palm Beach County</b>

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.

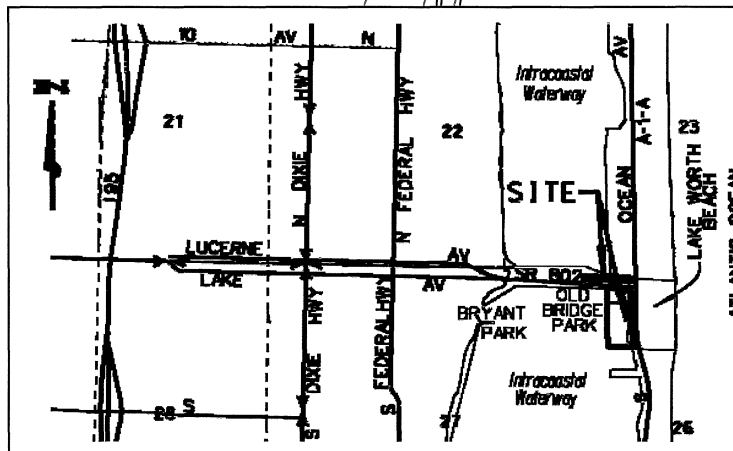
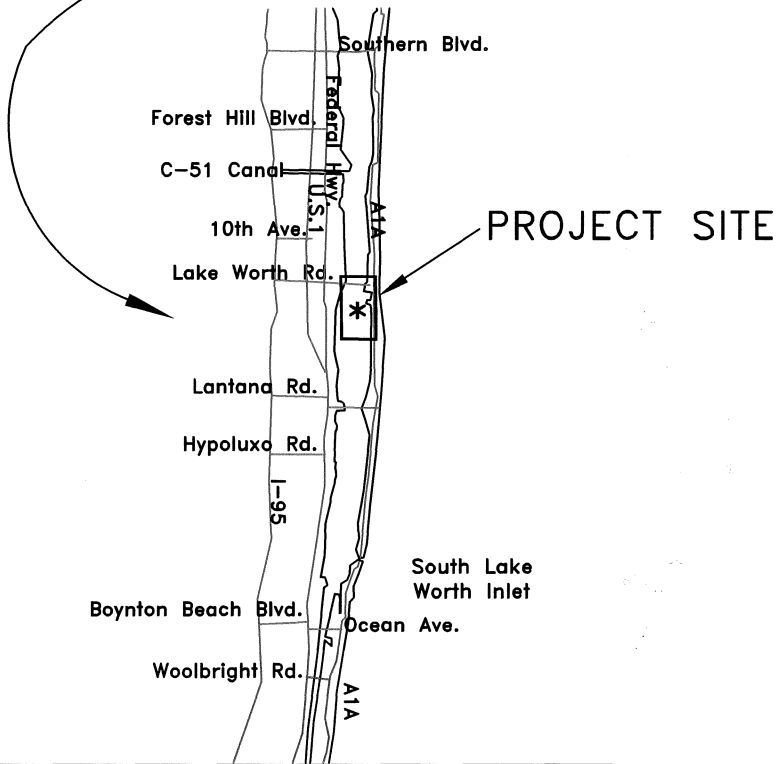
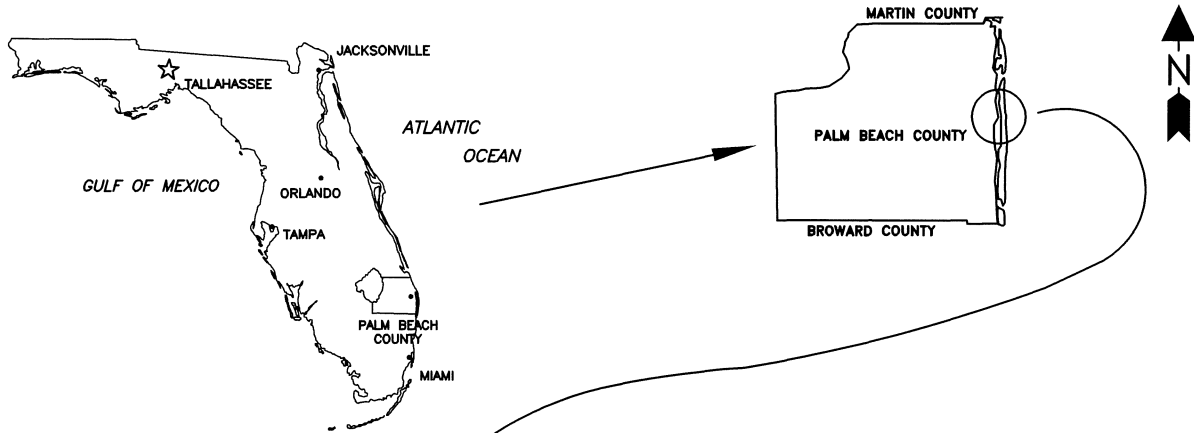
**NOTE: All funded activities must begin AFTER October 1<sup>st</sup>**  
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

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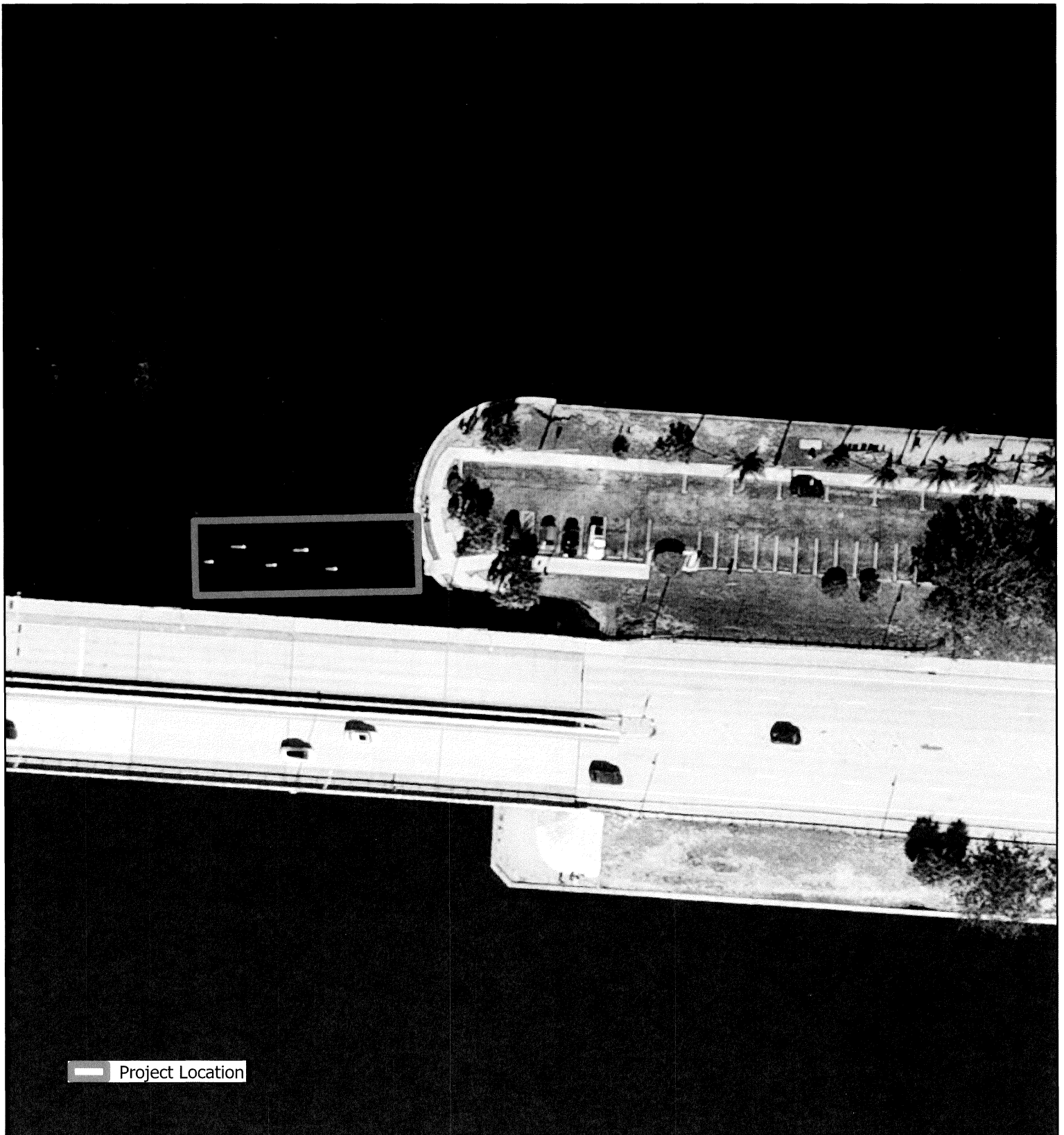
Date	Component
11/2024	Bid package preparation
05/2025	Advertise bid
07/2025	Review bids and award contract
08/2025	Notice to proceed, contractor to mobilize
09/2025	Prepare site, begin dock construction
10/2025	Wrap up construction
11/2025	Contractor to demobilize
12/2025	Complete Project

# County/City Map of Project Location

# COUNTY LOCATION MAP



# Project Boundary Map



Project Location



Palm Beach County Department of Environmental Resources Management  
2300 N Jog Road, 4th Floor  
West Palm Beach, Florida 33411-2741  
(561)233-2400

### Old Bridge Park Dock Replacement Boundary Map

0 35 70 140 Feet





# Construction Plans

# CITY OF LAKE WORTH COUNTY OF PALM BEACH STATE OF FLORIDA

## OLD BRIDGE PARK PUBLIC USE FACILITIES

### BOARD OF COUNTY COMMISSIONERS

ROBERT S. WEINROTH, MAYOR  
DISTRICT 4

GREGG K. WEISS  
VICE MAYOR  
DISTRICT 2

MARIA G. MARINO  
DISTRICT 1

MARIA SACHS  
DISTRICT 5

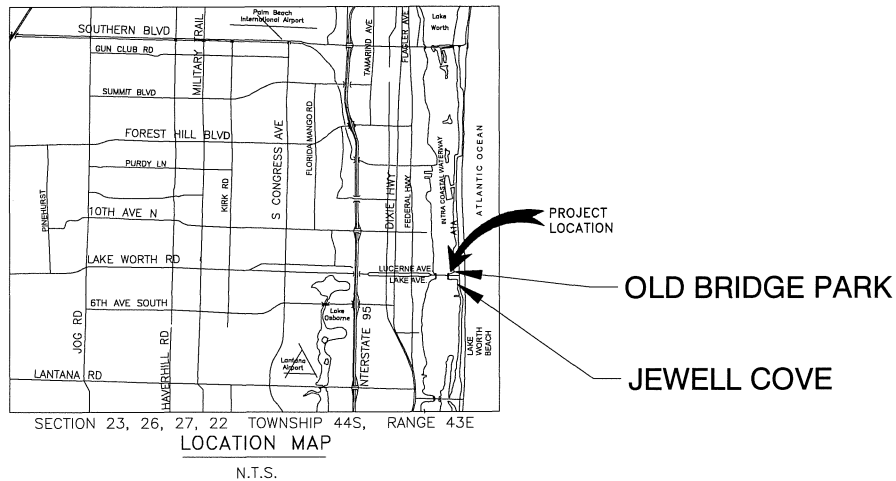


DAVE M. KERNER  
DISTRICT 3

MELISSA MCKINLAY  
DISTRICT 6

MACK BERNARD  
DISTRICT 7

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	EXISTING AND DEMOLITION PLAN
4	BORING PLAN
5	PROPOSED SITE PLAN
6	DOCK SECTION AND DETAILS
7	DOCK DETAILS
8	DOCK DETAILS
9	CONC. REPAIRS



PALM BEACH COUNTY  
DEPARTMENT OF  
ENVIRONMENTAL RESOURCES MANAGEMENT  
2300 NORTH JOG ROAD, 4TH FLOOR  
WEST PALM BEACH, FLORIDA 33411  
(561) 233-2400

SCALE: AS NOTED

APPROVED: JPC

DRAWN: JDR

CHECKED: MG

DATE: 12/17/21

SSL

JORDON F. CHEFFET  
P.E. No. 12816

PROJECT: **OLD BRIDGE PARK**  
PUBLIC USE FACILITIES

**COVER SHEET**

SHEET:  
**1 of 9**

**GENERAL NOTES:**

1. THE WORK CONSISTS OF PROVIDING ALL CONSTRUCTION, LABOR, EQUIPMENT, MATERIAL AND OPERATIONS IN CONNECTION WITH IMPROVEMENTS AS SHOWN ON THESE DRAWINGS.
2. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES IN THE PLANS WITH THE FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. CONSTRUCTION SHALL NOT CONTINUE UNTIL THE ENGINEER HAS ADDRESSED THE DISCREPANCIES.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING STRUCTURES IN THE PROJECT VICINITY. ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY WITHIN THE PROJECT VICINITY, INCLUDING STAGING SITES, WORK AND ACCESS AREAS, SHALL BE REPAIRED PROMPTLY BY THE CONTRACTOR. ANY DAMAGE AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT NO COST TO THE OWNER. ALL ACCESS AND STAGING AREAS SHALL BE KEPT NEAT, ORDERLY AND IN A SAFE MANNER. ALL ACCESS AND STAGING AREAS SHALL BE RESTORED TO THE PRE-CONSTRUCTION CONDITION UPON PROJECT COMPLETION AT THE COST OF THE CONTRACTOR. THE SITE SHALL BE RESTORED BY REMOVING AND FINISHING ALL EVIDENCE FOR CONSTRUCTION. IN THE EVENT INFRASTRUCTURE (SUCH AS WALKWAYS, SIDEWALKS, FENCES, VEGETATION, ETC.) IS TEMPORARILY REMOVED OR RELOCATED OR THERE IS UNAUTHORIZED DAMAGE TO VEGETATION AND/OR FACILITIES BY THE CONTRACTOR, THE CONTRACTOR SHALL RESTORE ALL DAMAGE TO STRUCTURES AND NATURAL FEATURES TO PRE-CONSTRUCTION CONDITIONS OR BETTER.
4. UTILITIES ARE NOT SHOWN IN THE PLANS. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL PRESENT UTILITIES PRIOR TO CONSTRUCTION.
5. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROPER CLEARANCE AND PROTECTION TO ALL OVERHEAD WIRES AND OBSTRUCTIONS.
6. THE CONTRACTOR SHALL EXCLUDE THE PUBLIC FROM THE WORK AREAS IN THE IMMEDIATE VICINITY OF OPERATIONS. CONTRACTOR SHALL PROVIDE APPROPRIATE SAFETY MEASURES TO PROTECT THE PUBLIC.
7. ALL NEW STRUCTURAL WORK INCLUDING CONCRETE AND REINFORCEMENT SHALL BE ACCURATELY FIELD MEASURED AND DIMENSIONS VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS. CONTRACTOR SHALL BE PREPARED TO MAKE FIELD ADJUSTMENTS TO ACCURATELY FIT THE NEW WORK TO EXISTING CONDITIONS.
8. NO CONSTRUCTION SHALL COMMENCE UNTIL ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN SECURED AND THE CONTRACTOR HAS BEEN ISSUED NOTICE TO PROCEED.
9. ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN CHANGED IN SIZE BY REPRODUCTION. THIS SHOULD BE CONSIDERED WHEN OBTAINING SCALED DATA.
10. CONSTRUCTION WORK SHALL BE EXECUTED IN ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL BUILDING CODES AND GOVERNING REGULATIONS, FDEP, USACE, AND PALM BEACH COUNTY. CONTRACTOR SHALL ADHERE TO ALL CONDITIONS OF THE PERMITS AND EXEMPTIONS.

**DEMOLITION:**

1. CONTRACTOR SHALL VERIFY THE EXTENTS, LOCATION AND QUANTITIES OF EXISTING ELEMENTS TO BE REMOVED.
2. ALL DEBRIS WITHIN THE LIMITS OF THE PROJECT SHALL BE HAULED OFF SITE BY THE CONTRACTOR, AS DIRECTED BY THE OWNER, AND DISPOSED OF AT AN APPROPRIATE FACILITY.
3. CONTRACTOR SHALL NOT DAMAGE ANY STRUCTURAL COMPONENTS BEYOND THE DEMOLITION REQUIREMENTS DEPICTED IN THESE DRAWINGS. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

**DESIGN CRITERIA:**

1. WIND DESIGN PER ASCE 7-16  
VELOCITY ULT = 155MPH  
VELOCITY ASD = 120MPH  
RISK CATEGORY 1  
EXPOSURE : "D"  
KZT = 1.0  
KD = 0.85  
G = 0.85
2. DESIGN CODE: FLORIDA BUILDING CODE, 2020, ASCE 7-16, & AWC NDS 2018.
3. FIXED DOCK:  
LL = 100 PSF  
MAXIMUM WIND SPEED UNOCCUPIED = 155 MPH (54 PSF)  
DESIGN VESSEL SIZE = 30 FEET  
OCCUPIED WIND SPEED = 40 MPH

**CONCRETE PILE:**

1. REFER TO FDOT INDEX NO. 20614 FOR DETAILS ON 14" SQUARE PRESTRESSED CONCRETE PILES.
2. PILES SHALL ACHIEVE A MINIMUM OF 5 FEET OF EMBEDMENT INTO ROCK LAYER.
3. EXISTING TO REMAIN PILES ARE CONFIRMED TO HAVE MINIMUM 5 FEET OF EMBEDMENT INTO ROCK LAYER PER PALM BEACH COUNTY ERM.
4. DOCK PILES TO SUPPORT A MINIMUM LATERAL LOAD OF 2 KIPS AT EL.=+3.6 FT-NAVD WITH MAXIMUM LATERAL PILE HEAD DISPLACEMENT OF 0.63 INCH.
5. TOP OF DOCK PILE ELEVATION SHALL BE +12.5' NAVD (MATCH EXISTING PILES). MINIMUM BOTTOM OF DOCK PILE ELEVATION SHALL BE -12.0' NAVD. MINIMUM DOCK PILE LENGTH = 24.5'. MINIMUM PILE EMBEDMENT OF 5' INTO ROCK LAYER.
6. PILE LOGS SHALL BE RECORDED FOR ALL DRIVEN PILES.
7. INDEPENDENT TESTING LAB TO PERFORM VIBRATION MONITORING THROUGHOUT THE PILE INSTALLATION. MONITORING PLAN SHALL BE SUBMITTED FOR APPROVAL BY ENGINEER AND OWNER.

**TIMBER:**

1. ALL DIMENSIONAL LUMBER SHALL BE PRESSURE TREATED SOUTHERN PINE, NO. 1 DENSE GRADE SYP OR BETTER AND COMPLY WITH A.I.T.C. 109-69 SPECIFICATIONS UNLESS OTHERWISE NOTED.
2. DECKING AND RAILS SHALL BE IPE 5/4" X 6" BOARDS. DECKING SHALL HAVE 1/8" GAPPING BETWEEN BOARDS.
3. IPE DECKING SHALL BE DRIED FOR EXTERIOR USE.
4. IPE DECKING SHALL MEET ASTM C 1028 TESTING STANDARDS FOR ADA REQUIREMENTS OF THE STATIC COEFFICIENT OF FRICTION IN THE WET ENVIRONMENT.

**SURVEY NOTES:**

1. BATHYMETRIC SURVEY PROVIDED BY PALM BEACH COUNTY, DATED 6/7/21.
2. EXISTING SITE PLAN ELEVATIONS PROVIDED BY PALM BEACH COUNTY, OLD BRIDGE PARK PUBLIC USE FACILITIES DRAWINGS, DATED 7/14/16.
3. ALL ELEVATIONS ARE IN NAVD88 DATUM UNLESS OTHERWISE NOTED

**CONCRETE:**

1. NO CONCRETE SHALL BE POURED DURING UNFAVORABLE WEATHER OR SEA CONDITIONS.
2. CAST-IN-PLACE CONCRETE SHALL BE A MINIMUM OF 5,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. WATER CEMENT RATIO (W/C) SHALL BE LESS THAN OR EQUAL TO 0.4. PROVIDE MIX DESIGN FOR A CLASS IV CONCRETE FOR AN EXTREMELY AGGRESSIVE (MARINE) ENVIRONMENT IN ACCORDANCE WITH FDOT SPECIFICATIONS. PROVIDE SUFFICIENT AMOUNT OF FLY ASH AND SILICA FUME TO THE CEMENT CONTENT. CONTRACTOR SHALL PROVIDE MIX DESIGN TO ENGINEER FOR APPROVAL 10 DAYS PRIOR TO CONCRETE PLACEMENT. ANTI-WASHOUT ADMIXTURE (AWA) SHALL BE ADDED TO CONCRETE IN ACCORDANCE WITH USACE CRD-C 661-01 AND ACI 304R.
3. NO WATER SHALL BE ADDED TO CONCRETE AT THE JOB SITE UNLESS AUTHORIZED BY THE ENGINEER OR SPECIAL INSPECTOR.
4. WHEN SURFACE FINISHING IS COMPLETED, THE STRUCTURE SHALL BE PROTECTED AGAINST WAVE SPLASH FOR TWO DAYS AND CURED PER APPLICABLE PARAGRAPHS OF SECTION 400-16 OF THE FDOT STANDARD SPECIFICATIONS. CURING SHALL OCCUR FOR AT LEAST 7 DAYS.
5. A SURFACE PENETRANT SEALER OF ALKYL-ALKOXY SILANE CLASSIFICATION, SUCH AS BASF ENVIROSEAL, OR APPROVED EQUAL SHALL BE APPLIED ALL EXPOSED CONCRETE.
6. APPLY SIKA ARMATEC 110 BONDING AGENT, OR APPROVED EQUAL, AT CONSTRUCTION JOINTS PRIOR TO PLACEMENT OF NEW CONCRETE.
7. COMPONENTS NOT CONSTRUCTED ACCORDING TO THESE SPECIFICATIONS SHALL BE REMOVED AND REPLACED PROPERLY AT THE EXPENSE OF THE CONTRACTOR.
8. THE FACES OF THE FINISHED STRUCTURES SHALL BE TRUE, STRAIGHT, AND OF UNIFORM WIDTH, FREE FROM HUMPS, SAGS, OR OTHER IRREGULARITIES EXCEPT AS SPECIFIED IN THE PLANS. THE CONTRACTOR SHALL REPLACE ANY DEFICIENT SEGMENTS.
9. SEE SHEET 9 FOR ADDITIONAL CONCRETE REPAIR NOTES.

**TIDAL DATA:**

1. WATER LEVELS TAKEN FROM NOAA STATION ID 8722654, WEST PALM BEACH FL.
2. CONTRACTOR MAY NEED TO ADJUST HIS WORK PLAN TO ACCOUNT FOR ACTUAL WATER LEVELS AND CHANGING WATER LEVELS. THE SITE MAY BE SUBJECT TO VARIABLE WAVE AND SURGE CONDITIONS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE TEMPORARY SUPPORT FOR MARINE STRUCTURES & SHORELINE DURING CONSTRUCTION.

**HARDWARE:**

1. ALL HARDWARE, BOLTS, AND OTHER MISC. STEEL COMPONENTS SHALL BE STAINLESS STEEL TYPE 316 MARINE GRADE UNLESS OTHERWISE NOTED.
2. DOWELS OR ANCHORS EMBEDDED INTO CONCRETE SHALL BE ANCHORED WITH SIMPSON SET TWO-PART EPOXY OR ENGINEER APPROVED EQUIVALENT. ANCHOR HOLES SHALL BE DRIVEN TO MINIMUM DEPTH SHOWN ON THE PLANS, AND SHALL BE THOROUGHLY CLEANED OUT AND DRY PRIOR TO INJECTION OF EPOXY.
3. CLEATS SHALL BE MARINE GALV. STEEL.
4. DECK SCREWS SHALL BE #10, 3" SS, 2 PER STRINGER @ 3' O.C.. SPACE EVENLY AND CONSISTENTLY WITH CHALK LINE FOR NEAT DECKBOARD FINISH

**SUBMITTALS:**

1. REVIEW OF SUBMITTALS BY THE ENGINEER IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AS PRESENTED BY THE CONTRACT DOCUMENTS. NO DETAILED CHECK OF QUANTITIES OR DIMENSIONS WILL BE MADE.
2. ALL SHOP DRAWINGS MUST BEAR EVIDENCE OF THE CONTRACTOR'S APPROVAL PRIOR TO SUBMITTING TO THE ENGINEER.
3. THE FOLLOWING MINIMUM SUBMITTALS SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO RELATED CONSTRUCTION ACTIVITY:
  - SCHEDULE FOR COMPLETION OF WORK WITH TASKS
  - DEMOLITION METHODS AND DISPOSAL PLAN
  - PILING
  - FENDER AND PILE ACCESSORIES
  - LUMBER
  - HARDWARE
  - EPOXY
  - DOCK ACCESSORIES
  - PILE DRIVING EQUIPMENT AND METHODOLOGY
  - DECKING
  - CLEATS

**LAYOUT AND TESTING:**

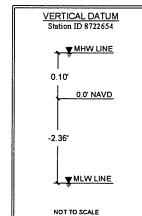
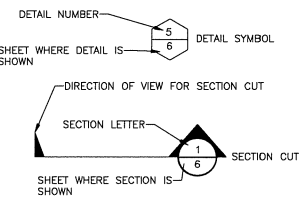
1. ALL CONSTRUCTION STAKEOUT SHALL BE PERFORMED BY AND PAID FOR BY THE CONTRACTOR UNDER THE SUPERVISION OF A SURVEYOR REGISTERED IN THE STATE OF FLORIDA.

**UTILITIES:**

1. CONTRACTOR SHALL CALL SUNSHINE 1-800-432-4770, PRIOR TO CONSTRUCTION. CONTRACTOR RESPONSIBLE FOR LOCATING ALL PRESENT UTILITIES PRIOR TO CONSTRUCTION. NO PILE DRIVING SHALL TAKE PLACE WITHIN THE DESIGNATED CONSTRUCTION AREA UNTIL UTILITY LOCATIONS HAVE BEEN FIELD VERIFIED.
2. PRIOR TO ANY SCHEDULED INTERRUPTION OF UTILITY SERVICE, THE CONTRACTOR WILL COORDINATE SUCH INTERRUPTION WITH THE UTILITY PROVIDER AND WILL PROVIDE A MINIMUM 24-HOUR NOTICE TO THE AFFECTED PARTIES. THE CONTRACTOR WILL NOTIFY THE ELECTRIC UTILITY A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.

ABBREVIATIONS	
ACI	AMERICAN CONCRETE INSTITUTE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
CONT	CONTINUOUS
CONT'D	CONTINUED
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
KS	KIPS PER SQUARE INCH
MHW	MEAN HIGH WATER
MIN	MINIMUM
MLW	MEAN LOW WATER
NAVD	NORTH AMERICAN VERTICAL DATUM
NGVD	NATIONAL GEODETIC VERTICAL DATUM
PERA	PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS
PSI	POUNDS PER SQUARE INCH
TYP	TYPICAL
USACE	UNITED STATES ARMY CORPS OF ENGINEERS
W/C	WATER/CEMENT RATIO

**SYMBOLS LEGEND**



PALM BEACH COUNTY  
DEPARTMENT OF  
ENVIRONMENTAL RESOURCES MANAGEMENT

3200 NORTH U.S. ROAD, 4TH FLOOR  
PALM BEACH, FLORIDA 33411  
(561) 233-2400

SCALE: AS NOTED

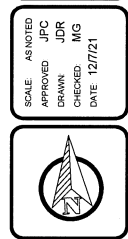
JPC APPROVED

JDR DRAWN

MG CHECKED

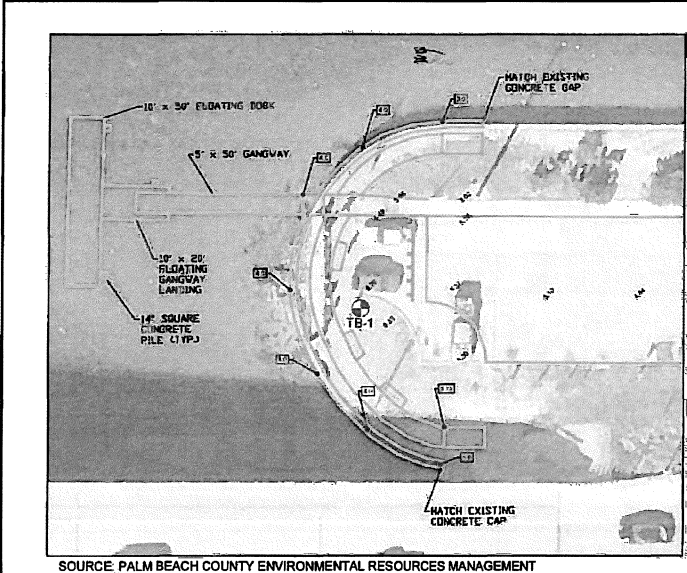
DATE: 12/17/21

JORDON P. CHEFFET  
P.E. No. 79296



PROJECT: OLD BRIDGE PARK  
PUBLIC USE FACILITIES

GENERAL NOTES



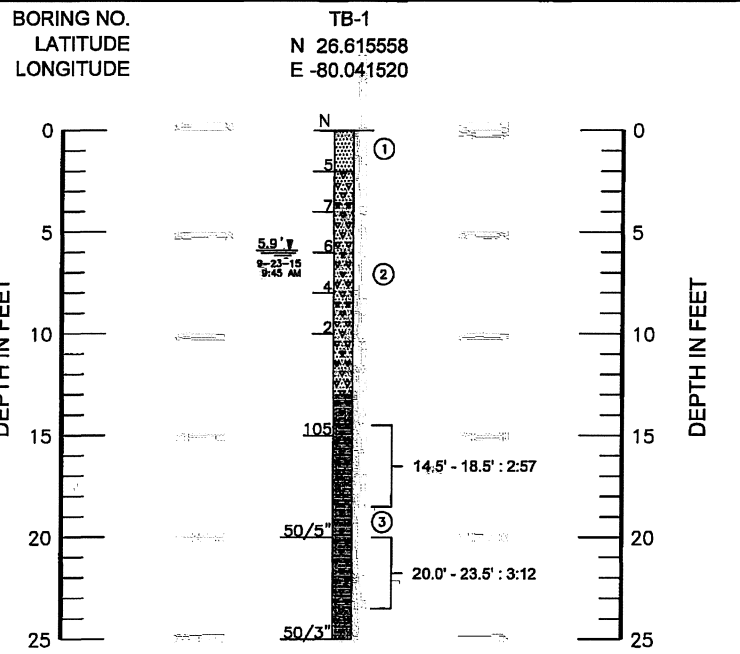
SOURCE: PALM BEACH COUNTY ENVIRONMENTAL RESOURCES MANAGEMENT

TB-1 APPROXIMATE LOCATION OF STANDARD PENETRATION TEST BORING

**BORING LOCATION PLAN**

**LEGEND**

- ① Dark gray to brown SAND with gravel (SP)
- ② Brown fine to coarse SAND with sand to gravel sized shell (SP)
- ③ Gray cemented sand and shell (COQUINA)
- N - Indicates the number of blows of a 140 pound hammer, freely falling a distance of 30 inches, required to drive a 2-inch diameter sampler 12 inches (ASTM D 1586)
- 50/5" - Indicates fifty SPT hammer blows were required to drive the sampler 5 inches
- SP - Unified Soil Classification System Group Symbol (ASTM D 2487)
- TB-1 - Standard Penetration Test (SPT) boring and number
- 5.9'  $\frac{9-23-15}{9:45 AM}$  - Depth of groundwater (feet), date, & time measured
- 14.5' - 18.5' : 2:57 - Time required (minutes and seconds) for 3-inch diameter rotary wash over depth interval shown at 150 psi down pressure



**SUBSURFACE PROFILE**

**NOTES**

- (1) Boring was drilled on September 20, 2015 using a Central Mine Equipment Model 55 (CME 55) drilling rig.
- (2) Strata boundaries are approximate and represent soil strata at each test hole location only. Soil transitions may be more gradual than implied.
- (3) Groundwater depth shown on the subsurface profile represents the groundwater surface on the date shown. Groundwater level fluctuations should be anticipated throughout the day and year as a result of the tides.

NOTE:  
 GEOTECHNICAL STUDY BY TERRACON DATED 9-25-15. SHOWN FOR INFORMATIONAL PURPOSES ONLY.  
 CONTRACTORS BIDDING THIS PROJECT SHOULD BE AWARE OF THE HARDNESS OF THE ROCK FORMATION AND THE IMPLICATIONS OF HARD ROCK IN THE SELECTION OF CONSTRUCTION EQUIPMENT. BASED ON THE SPT N-VALUES, THE COQUINA FORMATION IS DESCRIBED AS VERY WELL CEMENTED. PILE DRIVING IN VERY WELL CEMENTED COQUINA FORMATION MAY BE DIFFICULT.

Project No.:	KA	Project No.:	HD155070	<p><b>Terracon</b> Consulting Engineers and Scientists</p> <p>1225 OMAHA ROAD WEST PALM BEACH, FL 33411                  TEL: (561) 688-4286 FAX: (561) 688-4882</p>	BORING LOCATION PLAN & SUBSURFACE PROFILE		EXHIBIT
Drawn By:	DV	Scale:	AS-SHOWN		OLD BRIDGE PARK IMPROVEMENTS		
Checked By:	DM	File No.:	HD155070-1		PALM BEACH COUNTY, FLORIDA		
Approved By:	KA	Date:	9-25-15		A-1		

PALM BEACH COUNTY  
 DEPARTMENT OF  
 ENVIRONMENTAL RESOURCES MANAGEMENT  
 2400 NORTH U.S. ROAD, 4TH FLOOR  
 WEST PALM BEACH, FLORIDA 33411  
 (561) 233-2400



SCALE AS NOTED  
 APPROVED: JFC  
 DRAWN: JDR  
 CHECKED: MG  
 DATE: 12/7/21

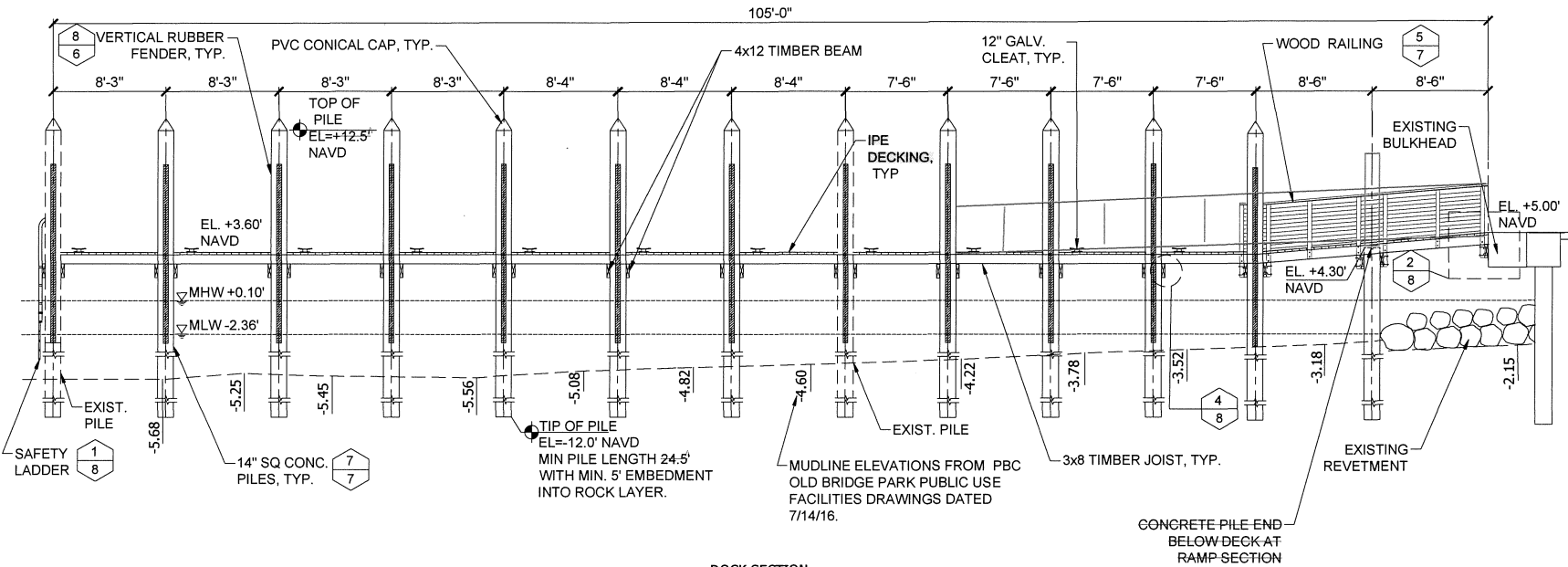
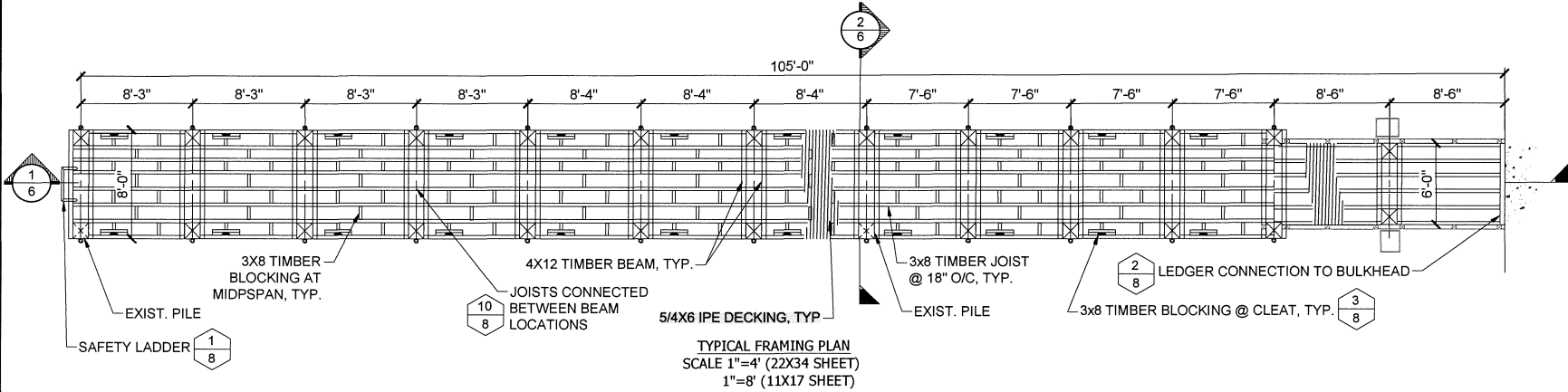
JORDON CHEFET  
 P.E. No. 72876



PROJECT: OLD BRIDGE PARK  
 PUBLIC USE FACILITIES  
 GEOTECH. BORINGS

DATE: 12/7/2021

J:\Projects\72801 PBC Old Bridge Park\Drawings\Working\2021-12-07 72801 PBC Old Bridge Park.dwg



PALM BEACH COUNTY  
DEPARTMENT OF  
ENVIRONMENTAL RESOURCES MANAGEMENT  
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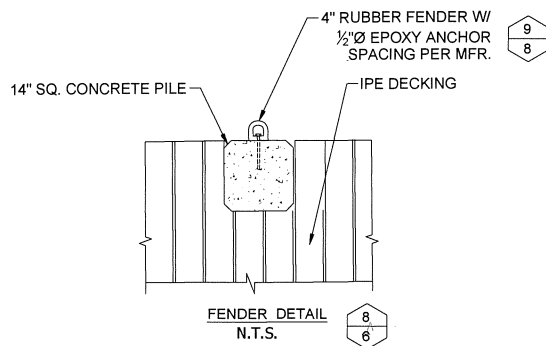
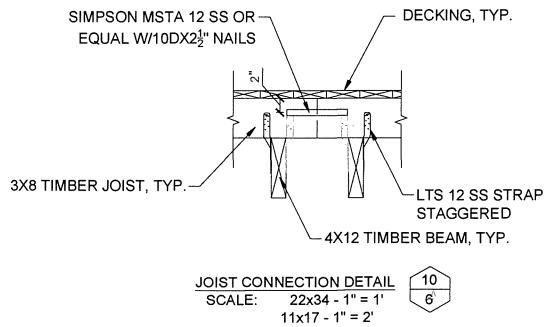
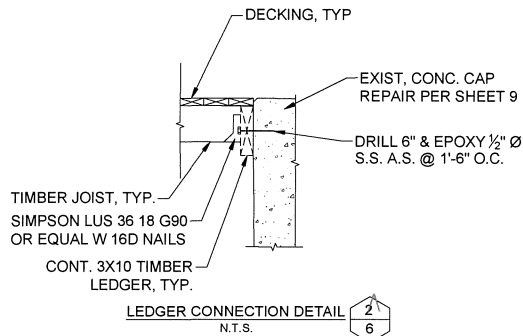
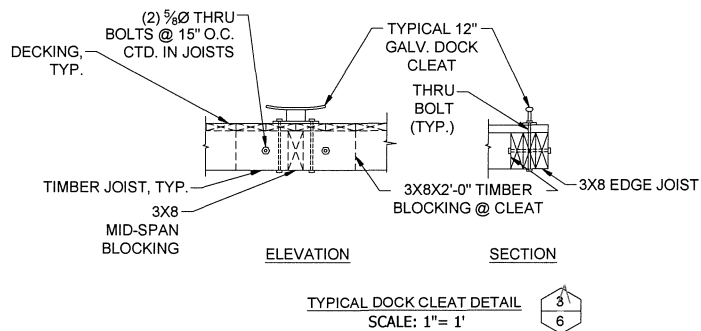
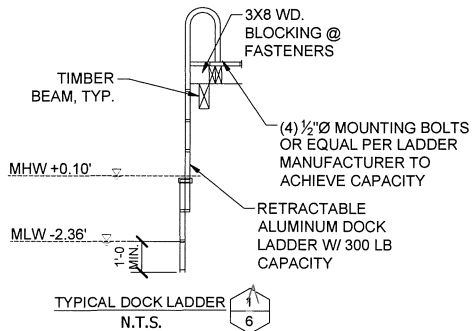
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JORDON P. CHEFFET  
PLP No. 12816

SCALE AS NOTED  
APPROVED JPC  
DRAWN JOR  
CHECKED MG  
DATE 11/23/21



PROJECT: **OLD BRIDGE PARK**  
PUBLIC USE FACILITIES  
**DOCK FRAMING & SEC.**

SHEET:  
**6 of 9**



EXTRUSIONS  
© dd-SERIES

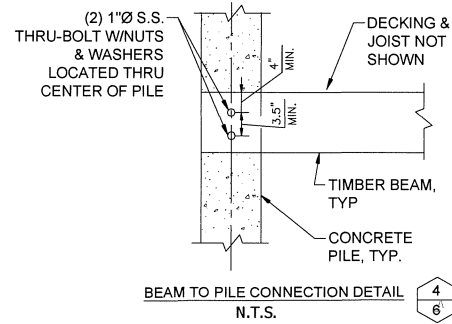
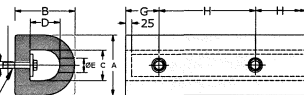
A	B	ØC	D	ØE	ØF	G	H	FLAT BAR	BOLT SIZE	WEIGHT
100	100	50	45	30	15	90-130	200-300	40x50	M126	8.5

(UNITS: mm, kg/m)

FENDER SIZE	Ø	
	E	R
150	3.2	115

(UNITS: Nm, kN)

EPOXY ANCHORS W/ 8" EMBED. FOR CONC.



PALM BEACH COUNTY  
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3200 NORTH JACOBO ROAD, 4TH FLOOR  
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(561) 233-2400

SCALE AS NOTED  
APPROVED: JFC  
DRAWN: JDR  
CHECKED: MG  
DATE: 12/7/21

JORDON P. CHEFFET  
P.E. No. 7285

PROJECT: OLD BRIDGE PARK  
PUBLIC USE FACILITIES

**DOCK DETAILS**

SHEET: 8 of 9

# Permit Exemption



# FLORIDA DEPARTMENT OF Environmental Protection

Southeast District Office  
3301 Gun Club Road, MSC 7210-1  
West Palm Beach, FL 33406  
561-681-6600

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

July 13, 2022

Palm Beach County  
c/o Carolyn Beisner  
2300 N Jog Road  
West Palm Beach, FL 33411  
Sent via e-mail: [cbeisner@pbcgov.org](mailto:cbeisner@pbcgov.org)

Re: File No.: 50-0421354-002,003-EE  
File Name: Old Bridge Park Dock Replacement

Dear Carolyn Beisner:

On June 14, 2022, we received your request for verification of exemption to perform the following activities: 1) construct a new 480 sq. ft. dock and 275 sq. ft. gangway (755 sq. ft. total over surface waters; and 2) repair concrete spalling on the existing seawall cap. The project is located in the Lake Worth Lagoon, Class III Waters, adjacent to 1973 Lake Avenue, Lake Worth Beach (Section 27, Township 44 South, Range 43 East), in Palm Beach County (Latitude N 26°36'56.6094", Longitude W -80°2'55.3750").

Your request has been reviewed to determine whether it qualifies for (1) regulatory exemption, (2) proprietary authorization (related to state-owned submerged lands), and (3) federal approval that may be necessary for work in wetlands or waters of the United States.

**Your project qualifies for all three.** However, this letter does not relieve you from the responsibility of obtaining other federal, state, or local authorizations that may be required for the activity.

If you change the project from what you submitted, the authorization(s) granted may no longer be valid at the time of commencement of the project. Please contact us prior to beginning your project if you wish to make any changes.

If you have any questions regarding this matter, please contact John Tracey at the letterhead address or at 561-681-6717, [John.Tracey@FloridaDEP.gov](mailto:John.Tracey@FloridaDEP.gov).



(d) Structures or activities shall be constructed and used to avoid or minimize adverse impacts to sovereignty submerged lands and resources.

(e) Construction, use, or operation of the structure or activity shall not adversely affect any species which is endangered, threatened or of special concern, as listed in Rules 68A-27.003, 68A-27.004, and 68A-27.005, F.A.C.

(f) Structures or activities shall not unreasonably interfere with riparian rights. When a court of competent jurisdiction determines that riparian rights have been unlawfully affected, the structure or activity shall be modified in accordance with the court's decision.

(g) Structures or activities shall not create a navigational hazard.

(h) Activities shall not interfere with the public easement for traditional uses of the sandy beaches provided in section 161.141, F.S.

(i) Structures shall be maintained in a functional condition and shall be repaired or removed if they become dilapidated to such an extent that they are no longer functional. This shall not be construed to prohibit the repair or replacement subject to the provisions of rule 18-21.005, F.A.C., within one year, of a structure damaged in a discrete event such as a storm, flood, accident, or fire.

(j) Structures or activities shall be constructed, operated, and maintained solely for water dependent purposes, or for non-water dependent activities authorized under paragraph 18-21.004(1)(g), F.A.C., or any other applicable law.

### **3. Federal Review - APPROVED**

Your proposed activity as outlined in your application and attached drawings qualifies for Federal authorization pursuant to the State Programmatic General Permit VI, and a **SEPARATE permit** or authorization **will not be required** from the Corps. Please note that the Federal authorization expires on July 27, 2026. However, your authorization may remain in effect for up to 1 additional year, if provisions of Special Condition 15 of the SPGP VI permit instrument are met. You, as permittee, are required to adhere to all General Conditions and Special Conditions that may apply to your project. Special conditions required for your project are attached. A copy of the SPGP VI with all terms and conditions and the General Conditions may be found online in the Jacksonville District Regulatory Division Sourcebook:

(<https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>).

Authority for review - an agreement with the USACOE entitled "Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection (or Duly Authorized Designee), State Programmatic General Permit", Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

### **Additional Information**

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

#### Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at [Agency\\_Clerk@dep.state.fl.us](mailto:Agency_Clerk@dep.state.fl.us), before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

#### Mediation

Mediation is not available in this proceeding.

#### FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

#### Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the

## **Attachment A**

### **62-330.051 Exempt Activities.**

The activities meeting the limitations and restrictions below are exempt from permitting. However, if located in, on, or over state-owned submerged lands, they are subject to a separate authorization under chapters 253 and 258, F.S., as applicable.

#### **(5) Dock, Pier, Boat Ramp and Other Boating-related Work –**

(b) Installation of private docks, piers, and recreational docking facilities, and installation of local governmental piers and recreational docking facilities, in accordance with section 403.813(1)(b), F.S. This includes associated structures such as boat shelters, boat lifts, and roofs, provided:

1. The cumulative square footage of the dock or pier and all associated structures located over wetlands and other surface waters does not exceed the limitations in section 403.813(1)(b), F.S.;
2. No structure is enclosed on more than three sides with walls and doors;
3. Structures are not used for residential habitation or commercial purposes, or storage of materials other than those associated with water dependent recreational use; and
4. Any dock and associated structure shall be the sole dock as measured along the shoreline for a minimum distance of 65 feet, unless the parcel of land or individual lot as platted is less than 65 feet in length along the shoreline, in which case there may be one exempt dock allowed per parcel or lot.

(12) Construction, Replacement, Restoration, Enhancement, and Repair of Seawall, Riprap, and Other Shoreline Stabilization –

(d) Installation of batter piles, king piles, or a seawall cap, used exclusively to stabilize and repair seawalls, provided they do not impede navigation.

- a. If, during the initial ground disturbing activities and construction work, there are archaeological/cultural materials unearthed (which shall include, but not be limited to: pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes or any other physical remains that could be associated with Native American cultures or early colonial or American settlement), the Permittee shall immediately stop all work in the vicinity and notify the Compliance and Review staff of the State Historic Preservation Office at 850-245- 6333 and the Corps Regulatory Archeologist at 904-232-3270 to assess the significance of the discovery and devise appropriate actions, including salvage operations. Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend, or revoke the permit in accordance with 33 C.F.R. § 325.7.
  - b. In the unlikely event that human remains are identified, the remains will be treated in accordance with Section 872.05, Florida Statutes; all work in the vicinity shall immediately cease and the local law authority, and the State Archaeologist (850-245-6444) and the Corps Regulatory Archeologist at 904-232-3270 shall immediately be notified. Such activity shall not resume unless specifically authorized by the State Archaeologist and the Corps.
7. The Permittee is responsible for obtaining any “take” permits required under the U.S. Fish and Wildlife Service’s regulations governing compliance with these laws. The Permittee should contact the appropriate local office of the U.S. Fish and Wildlife Service to determine if such “take” permits are required for a particular activity.
8. Mangroves. The design and construction of a Project must comply with the following (Reference: JAXBO PDCs AP.3 and AP.12.):
  - a. All projects must be sited and designed to avoid or minimize impacts to mangroves.
  - b. Mangrove removal must be conducted in a manner that avoids any unnecessary removal and is limited to the following instances:
    - (1) Removal to install up to a 4-ft-wide walkway for a dock.
    - (2) Removal of mangroves above the mean high water line (MHWL) provided that the tree does not have any prop roots that extend into the water below the MHWL.
    - (3) Mangrove trimming. Mangrove trimming refers to the removal (using hand equipment such as chain saws and/or machetes) of lateral branches (i.e., no alteration of the trunk of the tree) in a manner that ensures survival of the tree.
      - (a) Projects with associated mangrove trimming waterward of the MHWL are authorized if the trimming: (a) occurs within the area where the authorized structures are placed or will be placed (i.e., removal of branches that overhang a dock or lift),
      - (b) is necessary to provide temporary construction access, and (c) is conducted in a

11. The District Engineer reserves the right to require that any request for authorization under this SPGP VI be evaluated as an Individual Permit. Conformance with the terms and conditions of the SPGP VI does not automatically guarantee Federal authorization.
12. On a case-by-case basis, the Corps may impose additional Special Conditions which are deemed necessary to minimize adverse environmental impacts.
13. Failure to comply with all conditions of the SPGP VI constitutes a violation of the Federal authorization.
14. The SPGP VI will be valid through the expiration date unless suspended or revoked by issuance of a public notice by the District Engineer. The Corps, in conjunction with the Federal resource agencies, will conduct periodic reviews to ensure that continuation of the permit during the period ending expiration date, is not contrary to the public interest. The SPGP VI will not be extended beyond the expiration date but may be replaced by a new SPGP. If revocation occurs, all future applications for activities covered by the SPGP VI will be evaluated by the Corps.
15. If the SPGP VI expires, is revoked, or is terminated prior to completion of the authorized work, authorization of activities which have commenced or are under contract to commence in reliance upon the SPGP VI will remain in effect provided the activity is completed within 12 months of the date the SPGP VI expired or was revoked.

**Special Conditions for Shoreline Stabilization activities.**

16. Shoreline stabilization structures other than vertical seawalls shall be no steeper than a 2 horizontal:1 vertical slope (Reference: JAXBO PDC A1.1.4.).
17. Placement of backfill is limited to those situations where it is necessary to level the land behind seawalls or riprap.
18. Living shoreline structures and permanent wave attenuation structures can only be constructed out of the following materials: oyster breakwaters, clean limestone boulders or stone (sometimes contained in metal baskets or cages to contain the material), small mangrove islands, biologs, coir, rock sills, and pre-fabricated structures made of concrete and rebar that are designed in a manner so that they do not trap sea turtles, smalltooth sawfish, or sturgeon (Reference: JAXBO PDC A7.5.).
  - a. Reef balls or similar structures are authorized if they are not open on the bottom, are open-bottom structures with a top opening of at least 4 ft, or are pre-fabricated structures, such as reef discs stacked on a pile, and are designed in a manner that would not entrap sea turtles.
  - b. Oyster reef materials shall be placed and constructed in a manner that ensures that

c. The location and alignment of the piling-supported structure should be through the narrowest area of the mangrove fringe.

22. Regarding SAV, the design and construction of a Project must comply with the following:

a. A pile supported structure

(1) that is located on a natural waterbody (i.e. outside an artificial waterway that was excavated for boating access and is bordered by residential properties); and

(2) that is within the range of seagrass (estuarine waters within all coastal counties except for Nassau, Duval, St Johns, Flagler and Volusia north of Ponce Inlet), but outside of the range of Johnson's seagrass (the range of Johnson's seagrass is defined as Turkey Creek/Palm Bay south to central Biscayne Bay in the lagoon systems on the east coast of Florida) will be constructed to the following standards:

(a) If no survey is performed in accordance with the methods described in the Procedure section of this document, section I.3, then SAV is presumed present and the pile-supported structure must comply with, or provide a higher level of protection than, the protective criteria in the joint U.S. Army Corps of Engineers'/National Marine Fisheries Service's "*Construction Guidelines in Florida for Minor Piling- Supported Structures Constructed in or over Submerged Aquatic Vegetation (SAV), Marsh or Mangrove Habitat*" U.S. Army Corps of Engineers/National Marine Fisheries Service updated November 2017 (Attachment 11). For the purposes of SPGP, two uncovered boatlifts are allowed.

(i) If the pile supported structure is currently serviceable, repair and replacement may occur in the same footprint without completion of a benthic survey.

(ii) Boatlifts and minor structures in Monroe County may be installed within existing boat slips without completion of a SAV survey. Boatlift accessory structures, like catwalks, shall adhere to "*Construction Guidelines in Florida for Minor Piling- Supported Structures Constructed in or over Submerged Aquatic Vegetation (SAV), Marsh or Mangrove Habitat*" U.S. Army Corps of Engineers/National Marine Fisheries Service updated November 2017 (Attachment 11) if a SAV survey has not been completed.

(iii) A marginal dock may be constructed a maximum of 5 feet overwater, as measured from the waterward face (wet face) of the seawall).

(b) If a survey is performed in accordance with the methods described in the Procedure section of this document, section I.3, and SAV is present (including seagrass, tidal freshwater SAV and emergent vegetation), then the pile-supported structure must comply with, or provide a higher level of protection than, the protective criteria in the joint U.S. Army Corps of Engineers'/National Marine Fisheries Service's "*Construction Guidelines in Florida for Minor Piling-Supported Structures Constructed in or over*

(f) If a survey is performed in accordance with the methods described in the procedure section of this document, section I.3, and SAV is absent (including seagrass, tidal freshwater SAV and emergent vegetation), THEN no design restrictions are required and boatlifts may include a cover.

(g) A pile supported structure located within Johnson's seagrass critical habitat will be constructed to the following standards:

(i) If no survey is performed in accordance with the methods described in the Procedure section of this document, section I.3, then seagrass is presumed present and the pile-supported structure must comply with or provide a higher level of protection than, the protective criteria in the joint U.S. Army Corps of Engineers'/National Marine Fisheries Service's "Construction Guidelines in Florida for Minor Piling-Supported Structures Constructed in or over Submerged Aquatic Vegetation (SAV), Marsh or Mangrove Habitat" U.S. Army Corps of Engineers/National Marine Fisheries Service updated November 2017 (Attachment 11) with the sole exception of the number of allowable boat lifts. For the purposes of this permit, two uncovered boatlifts are allowed.

(ii) If a survey is performed in accordance with the methods described in the Procedure section of this document, section I.3, and SAV is absent and the project is

1. A dock replacement in the same footprint, no design restrictions are required.
2. A new dock or dock expansion THEN pile-supported structure must comply with or provide a higher level of protection than, the protective criteria in the joint U.S. Army Corps of Engineers'/National Marine Fisheries Service's "Construction Guidelines in Florida for Minor Piling-Supported Structures Constructed in or over Submerged Aquatic Vegetation (SAV), Marsh or Mangrove Habitat" U.S. Army Corps of Engineers/National Marine Fisheries Service updated November 2017 (Attachment 11). For the purposes of this permit, two uncovered boatlifts are allowed.

(iii) If a survey is performed in accordance with the methods described in the Procedure section of this document, section I.3, and SAV is present (including seagrass, tidal freshwater SAV and emergent vegetation), then pile-supported structure must comply with or provide a higher level of protection than, the protective criteria in the joint U.S. Army Corps of Engineers'/National Marine Fisheries Service's "Construction Guidelines in Florida for Minor Piling-Supported Structures Constructed in or over Submerged Aquatic Vegetation (SAV), Marsh or Mangrove Habitat" U.S. Army Corps of Engineers/National Marine Fisheries Service updated November 2017 (Attachment 11). For the purposes of this permit, two uncovered boatlifts are allowed.

23. North Atlantic Right Whale. The attached North Atlantic Right Whale Information Form (Attachment 30) describes the presence of North Atlantic right whales in the area and

- (2) Be maintained in working order and emptied frequently (according to <http://mrrp.myfwc.com> standards) so that they do not overflow.
26. Lighting for docks installed within visible distance of ocean beaches. If lighting is necessary, then turtle-friendly lighting shall be installed. Turtle-friendly lighting is explained and examples are provided on the Florida Fish and Wildlife Conservation Commission website: <http://myfwc.com/wildlifehabitats/managed/sea-turtles/lighting/> (Reference: JAXBO PDC A2.8.).
27. Construction Location. Project construction shall take place from uplands or from floating equipment (e.g., barge); prop or wheel-washing is prohibited (Reference: JAXBO PDC A2.9.).
28. Aids to Navigation (ATONs). ATONs must be approved by and installed in accordance with the requirements of the U.S. Coast Guard (i.e., 33 C.F.R., chapter I, subchapter C, part 66, Section 10 of the Rivers and Harbors Act, and any other pertinent requirements) (Reference: JAXBO PDC A2.5.).
29. Aids to Navigation (ATONs) in Acropora critical habitat. The distance from ATONs to ESA-listed corals and Acropora critical habitat (Attachment 20) shall ensure there are no impacts to the corals or the essential feature of Acropora critical habitat from the movement of buoys and tackle. The appropriate distance shall be based on the size of the anchor chain or other tackle to be installed to secure the buoy to its anchor, particularly when the design of the ATON does not prohibit the contact of tackle with the marine bottom. In all cases, buoy tackle will include flotation to ensure there is no contact between the anchor chain or line and the marine bottom (Reference: JAXBO PDC A2.10.).
30. Within Loggerhead sea turtle critical habitat (Reference: JAXBO PDC A2.15.):
- (1) ATONs (pile-supported and anchored buoys) are allowed in nearshore reproductive habitat of the Northwest Atlantic Distinct Population Segment (NWA DPS) of loggerhead sea turtle critical habitat.
- (2) No other pile-supported structures are allowed in nearshore reproductive habitat.

**General Conditions for All Projects:**

1. The time limit for completing the work authorized ends on July 27, 2026.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may



- e. Damage claims associated with any future modification, suspension, or revocation of this permit.
3. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
4. Reevaluation of Permit Decision: This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
  - a. You fail to comply with the terms and conditions of this permit.
  - b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 3 above).
  - c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.
5. Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CER 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.
6. When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date the enclosed form.
7. The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal, relocation or alteration.

## STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the FWC Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida, and to FWC at [ImperiledSpecies@myFWC.com](mailto:ImperiledSpecies@myFWC.com)
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the Florida Fish and Wildlife Conservation Commission (FWC) must be used (see [MyFWC.com/manatee](http://MyFWC.com/manatee)). One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 1/2" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. Questions concerning these signs can be sent to the email address listed above.



**UNITED STATES DEPARTMENT OF  
COMMERCE**

**National Oceanic and Atmospheric Administration  
NATIONAL MARINE FISHERIES SERVICE**

Southeast Regional Office  
263 13th Avenue South  
St. Petersburg, FL 33701

**SEA TURTLE AND SMALLTOOTH SAWFISH CONSTRUCTION CONDITIONS**

The permittee shall comply with the following protected species construction conditions:

- a. The permittee shall instruct all personnel associated with the project of the potential presence of these species and the need to avoid collisions with sea turtles and smalltooth sawfish. All construction personnel are responsible for observing water-related activities for the presence of these species.
- b. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing sea turtles or smalltooth sawfish, which are protected under the Endangered Species Act of 1973.
- c. Siltation barriers shall be made of material in which a sea turtle or smalltooth sawfish cannot become entangled, be properly secured, and be regularly monitored to avoid protected species entrapment. Barriers may not block sea turtle or smalltooth sawfish entry to or exit from designated critical habitat without prior agreement from the National Marine Fisheries Service's Protected Resources Division, St. Petersburg, Florida.
- d. All vessels associated with the construction project shall operate at "no wake/idle" speeds at all times while in the construction area and while in water depths where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will preferentially follow deep-water routes (e.g., marked channels) whenever possible.
- e. If a sea turtle or smalltooth sawfish is seen within 100 yards of the active daily construction/dredging operation or vessel movement, all appropriate precautions shall be implemented to ensure its protection. These precautions shall include cessation of operation of any moving equipment closer than 50 feet of a sea turtle or smalltooth sawfish. Operation of any mechanical construction equipment shall cease immediately if a sea turtle or smalltooth sawfish is seen within a 50-ft radius of the equipment. Activities may not resume until the protected species has departed the project area of its own volition.
- f. Any collision with and/or injury to a sea turtle or smalltooth sawfish shall be reported immediately to the National Marine Fisheries Service's Protected Resources Division (727-824-5312) and the local authorized sea turtle stranding/rescue organization.

# STATE OF FLORIDA

## OLD BRIDGE PARK PUBLIC USE FACILITIES

### BOARD OF COUNTY COMMISSIONERS

DEP.  
 PERMIT No  
 50-0421354-00  
 Southeast  
 STATE OF FLORIDA

**ROBERT S. WEINROTH, MAYOR**  
 DISTRICT 4

**GREGG K. WEISS**  
 VICE MAYOR  
 DISTRICT 2

**MARIA SACHS**  
 DISTRICT 5

**MELISSA MCKINLAY**  
 DISTRICT 6

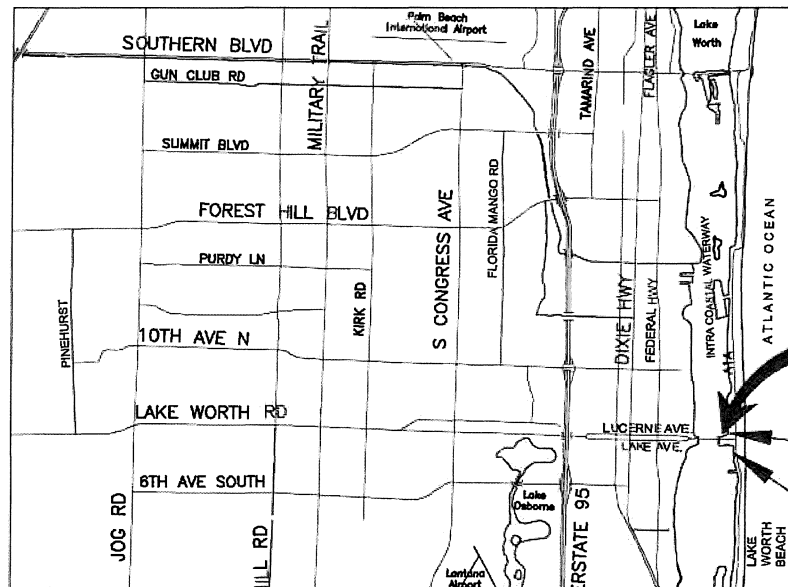


**MARIA G. MARINO**  
 DISTRICT 1

**DAVE M. KERNER**  
 DISTRICT 3

**MACK BERNARD**  
 DISTRICT 7

- FIGS
- DESCRIPTION
- RESURFACING SHEET
- GENERAL NOTES
- EXISTING AND DEMOLITION PLAN
- CONCRETE SLAB PLAN
- PROPOSED SITE PLAN
- FRAMING & SEC.
- DETAILS
- DETAILS
- PAVEMENT DETAILS
- REPAIRS



PROJECT LOCATION

OLD BRIDGE PARK

Permit Number

50-0421354-002,003-EE

Southeast District

EXISTING RIP RAP

S85°59'06"E 470.25'

PROPERTY

N44°52'06"E, 20.85'

N04°41'02"E, 43.95'

(5) EXISTING  
14" CONC. PILES

(3) EXISTING PILES  
TO BE REMOVED (TYP.)

P5

P4

P2

P1

R/W LINE

N34°08'59"W, 29.97'

N75°36'36"W, 21.18'

N86°00'26"W 885.8'

S03°59'34"W, 25.00'

20'

BASIS OF BEARINGS  
N86°00'26"W (ASSUMED)  
ALONG CENTERLINE S.R. 802

SCALE 1"=10' (22X34 SHEET)  
1"=20' (11X17 SHEET)

35

36



(22X34 SHEET)  
11X17 SHEET

LAKE WORTH LAGOON

EXIST. REVETMENT  
EXIST. BULKHEAD

EXIST. LANDING PLATFORM

REPAIR 8"X3"X3" TO  
CONCRETE SPALL ON NORTH  
EDGE OF CAP AT DOCK/CAP  
CONNECTION TO WALL.  
SEE SHEET 9 FOR DETAILS



PROPOSED 55' GANGWAY  
SEE SHEET 9 FOR DETAILS

GANGWAY TREAD PLATE

(14) PROPOSED PILES, TYP.

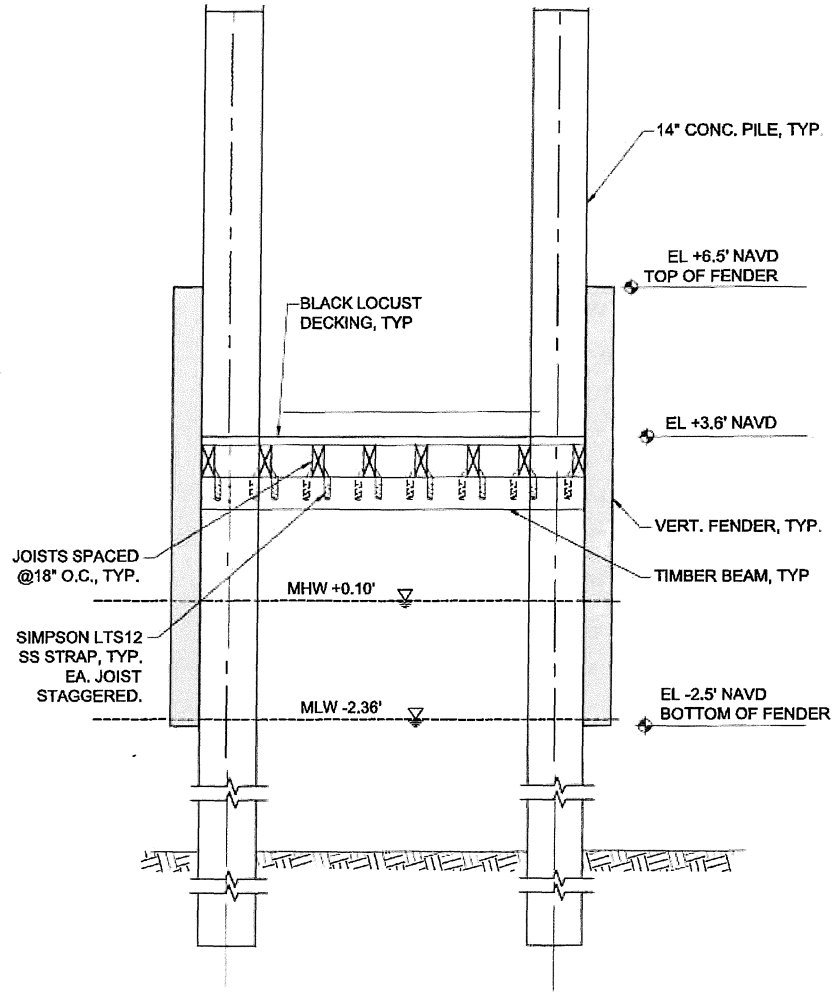
ED DOCK.  
CKING ON  
MING AND  
TE PILES.

(2) EXIST. PILES TO REMAIN

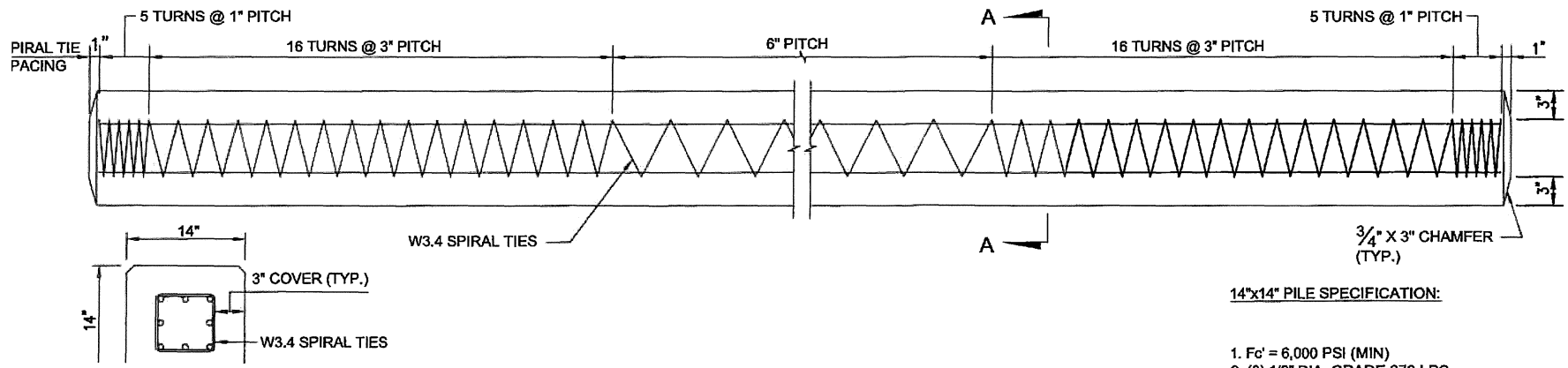
55'

6'

60'

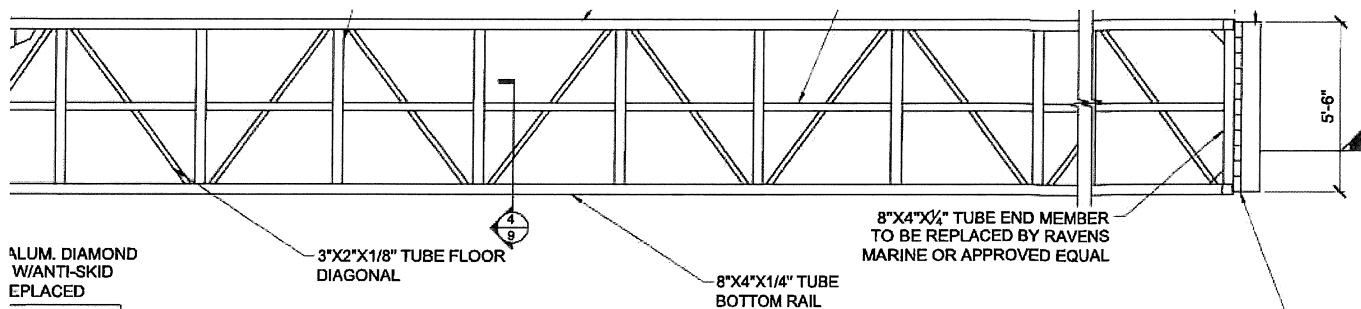


2  
7
**DOCK SECTION**  
 SCALE 1"=2' (22X34 SHEET)  
 1"=4' (11X17 SHEET)



**14"x14" PILE SPECIFICATION:**

- 1. Fc' = 6,000 PSI (MIN)
- 2. (R) 1/2" DIA. GRADE 270 LRS

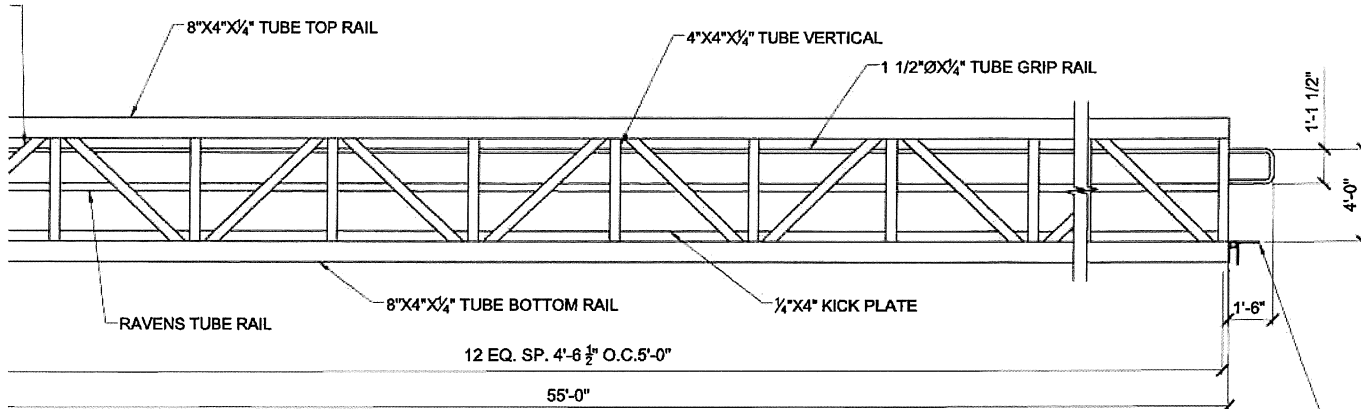


ALUM. DIAMOND  
WANTI-SKID  
REPLACED

OTHERWISE  
STEEL  
WOOL FILLER  
IDENTIFIED

**ALUMINIUM GANGWAY PLAN**  
SCALE 1"=4' (22X34 SHEET) 1  
1"=8' (11X17 SHEET) 9

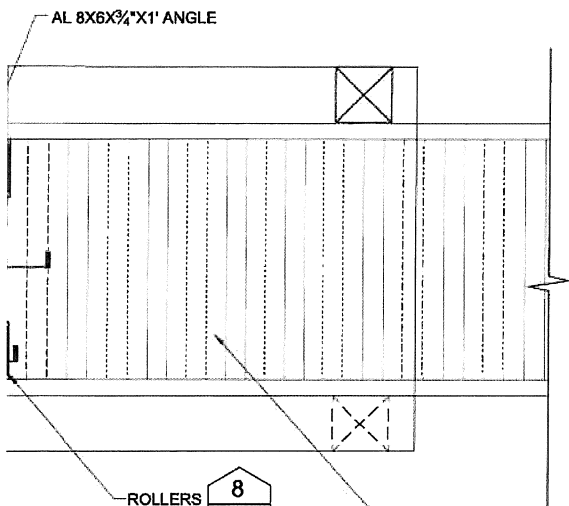
DAMAGED WELDS AT END TUBE MEMBER  
CONNECTION TO VERTICAL TUBE  
MEMBER TO BE GROUND DOWN AND  
REWELED PER ORIGINAL PROJECT  
WELD DESIGN BY RAVENS MARINE



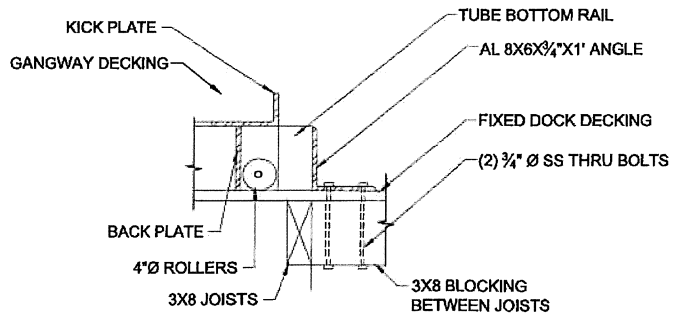
RAVENS MARINE, WHICH IS LOCATED IN  
NORTH END OF SANBURY WAY AND 15TH STREET N,  
MUNICIPALITY OF SANSBURY, QUEBEC, CANADA.  
COORDINATE WITH COUNTY FOR ACCESS.  
SEE ALL FLAP PER DETAILS ON THIS SHEET.  
WELDS PER THIS SHEET.  
REPLACE WITH RAVENS MARINE OR APPROVED EQUAL.

**GANGWAY ELEVATION**  
SCALE 1"=4' (22X34 SHEET) 3  
1"=8' (11X17 SHEET) 9

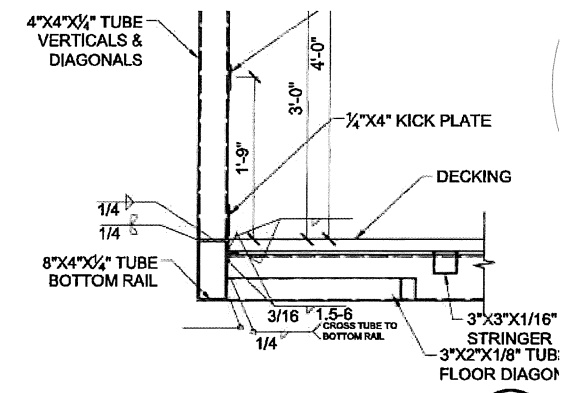
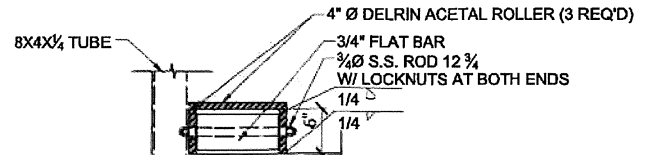
WALL FLAP TO BE  
REPLACED BY  
RAVENS MARINE  
OR APPROVED  
EQUAL



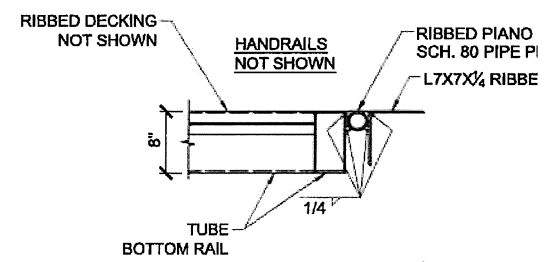
8



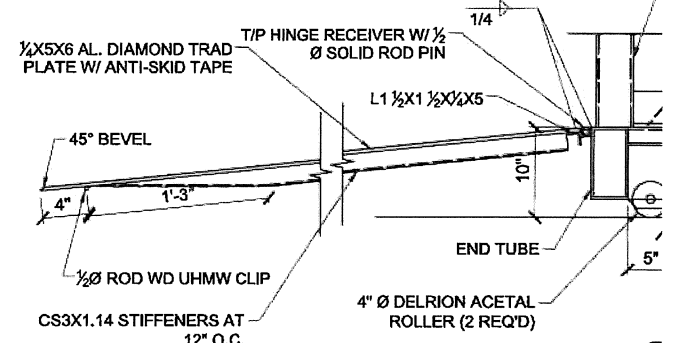
**CROSS SECTION OF ANGLE CONNECTION AT GANGWAY END**  
SCALE 1"=1' (22X34 SHEET) 5  
1"=2' (11X17 SHEET) 9



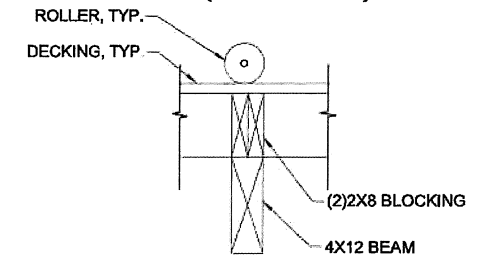
**GANGWAY SECTION**  
SCALE 1"=4' (22X34 SHEET) 4  
1"=8' (11X17 SHEET) 9



**DETAIL**  
SCALE 1"=4' (22X34 SHEET) 6  
1"=8' (11X17 SHEET) 9



**SECTION**  
SCALE 1/2"=1' (22X34 SHEET) 7  
1"=2' (11X17 SHEET) 9



**ELEVATION GANGWAY WHEEL LOAD ON BEAM**



**Permitting Agency's Internal Use Only:**

Date checklist sent to NMFS (MM/DD/YY)  Reviewer Last Name  Application #  (for Corps: SAJ-XXXX-XXXXX)  Checklist Version!

Indicate the agency issuing the permit/authorization.

Yes  No Is this a re-verification, edit, or modification to a consultation previously submitted under JaxBO?

If yes to above, enter date of previous Tier II consultation

If another NMFS programmatic BO was used for the proposed project, please select name of programmatic BO used.

The Corps Project Manager or Delegated Authority has reviewed and confirmed that the proposed project meets all PDCs. It is the responsibility of the reviewer to ensure the proposed project complies with all the applicable PDCs. Please enter initials of reviewer.

Project Street Address  Latitude (decimal degrees, centroid of the project)

City  Longitude (decimal degrees, centroid of the project. Please include the negative symbol)

County (Florida)  Municipality (Puerto Rico & USVI)

Select all activities used for the entire proposed project:

1  2  3  4  5  6  7  8  9  10  Superseding Process

Geographic Area	Is the project located in the geographic area?		Select DCH Unit	Are Essential Features Present?		If Essential Features are present, enter area of impact
Smalltooth Sawfish DCH Limited Exclusion Zones (AP.4)	<input type="radio"/> Yes	<input checked="" type="radio"/> No	N/A	<input type="radio"/> Yes	<input type="radio"/> No	N/A
Gulf Sturgeon DCH Migratory Restriction Zones (AP.4)	<input type="radio"/> Yes	<input checked="" type="radio"/> No	N/A	<input type="radio"/> Yes	<input type="radio"/> No	N/A
Atlantic Sturgeon DCH Exclusion Zone (AP.4)	<input type="radio"/> Yes	<input checked="" type="radio"/> No	N/A	<input type="radio"/> Yes	<input type="radio"/> No	No activities allowed here!
North Atlantic Right Whales Educational Sign Zones (AP.4)	<input type="radio"/> Yes	<input checked="" type="radio"/> No	N/A	<input type="radio"/> Yes	<input type="radio"/> No	N/A
U.S. Caribbean Sea Turtle Critical Habitat Restriction Zones (AP.4)	<input type="radio"/> Yes	<input checked="" type="radio"/> No	N/A	<input type="radio"/> Yes	<input type="radio"/> No	N/A
Bryde's Whale Exclusion Zone (AP.4)	<input type="radio"/> Yes	<input checked="" type="radio"/> No	N/A	<input type="radio"/> Yes	<input type="radio"/> No	No activities allowed here!
Smalltooth sawfish DCH	<input type="radio"/> Yes	<input checked="" type="radio"/> No		<input type="radio"/> Yes	<input type="radio"/> No	<input type="text"/> LF of Red Mangroves <input type="text"/> SF of shallow euryhaline water
Gulf sturgeon DCH	<input type="radio"/> Yes	<input checked="" type="radio"/> No		<input type="radio"/> Yes	<input type="radio"/> No	<input type="text"/> SF of essential features
Loggerhead sea turtle (NWA DPS) DCH <sup>2</sup>	<input type="radio"/> Yes	<input checked="" type="radio"/> No		<input type="radio"/> Yes	<input type="radio"/> No	<input type="text"/> SF of essential features
Green sea turtle (NA DPS) DCH	<input type="radio"/> Yes	<input checked="" type="radio"/> No	N/A	<input type="radio"/> Yes	<input type="radio"/> No	<input type="text"/> SF of essential features
Hawksbill sea turtle DCH	<input type="radio"/> Yes	<input checked="" type="radio"/> No	N/A	<input type="radio"/> Yes	<input type="radio"/> No	<input type="text"/> SF of essential features
Leatherback sea turtle DCH	<input type="radio"/> Yes	<input checked="" type="radio"/> No	N/A	<input type="radio"/> Yes	<input type="radio"/> No	<input type="text"/> SF of essential features
Staghorn and elkhorn (Acropora) coral DCH	<input type="radio"/> Yes	<input checked="" type="radio"/> No		<input type="radio"/> Yes	<input type="radio"/> No	No impacts to essential features allowed.
Johnson's seagrass DCH	<input type="radio"/> Yes	<input checked="" type="radio"/> No		<input type="radio"/> Yes	<input type="radio"/> No	<input type="text"/> SF of essential features
North Atlantic right whale DCH	<input type="radio"/> Yes	<input checked="" type="radio"/> No		<input type="radio"/> Yes	<input type="radio"/> No	<input type="text"/> SF of essential features
Atlantic sturgeon DCH	<input type="radio"/> Yes	<input checked="" type="radio"/> No			N/A	No activities allowed here!

Is the Project in or near areas with mangroves, seagrasses, corals, or hard bottom habitat? Does it comply with PDCs for Mangroves, Seagrasses, Corals, and Hard Bottom for All Projects (AP.3)

Resource	Present in the project footprint?		Square Feet of Impact
Mangroves	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Nonlisted Seagrass	<input checked="" type="radio"/> Yes	<input type="radio"/> No	20.00
Johnson's Seagrass	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Listed Corals	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Nonlisted Corals	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Hardbottom	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

SF of Overwater Impacts (area of structure over/above the water surface, e.g., docks or canopies)

SF of Total In-water Impacts (area of substrate that is permanently changed below MHW, e.g., by seawall, riprap, or cross-sectional area of piles)

Yes Applicant agrees to adhere to PDCs for *In-Water Activities* (AP.1) as described in AP.7 through AP.11

Yes Applicant agrees to perform all activities during daylight hours (AP.6).

Yes  No Is the project within the boundary of the Florida Keys National Marine Sanctuary (FKNMS)?

Yes If within the boundaries of FKNMS, received NOAA authorization?

To be completed by applicant or agent if permit is issued by a delegated authority (FDEP, Miami-Dade, etc.) Please enter full name of applicant or applicant's representative:

The applicant or applicant's representative ensures the project complies with the PDCs and all information in this form and individual checklist(s) is correct

Comments:



Project Design Criteria Checklist for the U.S. Army Corps of Engineers Jacksonville District's Programmatic Biological Opinion (JAXBO)

Activity 2: Pile Supported

<b>Agency internal use:</b>	Date checklist sent to NMFS (MM/DD/YY)	<b>Tracey</b>	PM Last Name	50-421354-002,003-EE	Application #	<b>1</b>	Checklist Version
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Proposed Activity (Select all that apply):

- Dock New
- Dock Repair
- Dock Replacement
- Mooring/Dolphin piles
- Mooring buoys
- Mooring fields
- Chickees
- ATONS/PATONS
- Boatlift
- Temporary structures/buoys
- Other (Provide description in Comments box at bottom)

Government Select the type/use of the structure

Enter information about the proposed activity:

0	Total number of existing dry slips	0	Total number of existing wet slips
0	Total number of proposed dry slips	4	Total number of proposed wet slips

Piling Installation Data: Enter data as appropriate for different pile types used. JAXBO does not cover installation of metal piles or sheet piles with impact hammer (AP 2; Section 2.2).

Concrete Slab	Pile Type 1	Pile Type 2	Pile Type 3	Pile Type 4
16	Number of Piles			
14	Size of each Pile (sq.ft.)			
Concrete	Pile Material			
Drop Punch	Installation Method			

NA Project in Open-Water or Confined-Space Environment (AP.2; Section 2.2)?

NA Select Noise PDC Category (AP.2.) as detailed in (Section 2.2).

For commercial/multi-family/public facilities and marine events which of the following signs will be posted (A2.2.) Select all that apply:

- Save Sea Turtle/ Sawfish/ and Dolphin Sign
- Help Protect North American Right Whale
- Report Sturgeon
- U.S. Caribbean

- Yes For commercial/multi-family/public docking facilities/monofilament recycling bins will be installed. (A2.3)
- No North Atlantic Right Whale Educational Sign Zone: Is the North Atlantic right whales handout included as special condition of permit (A2.4)?
- No Does the project include a municipal or commercial fishing pier?
- No Is dock within visible distance of an ocean beach?  If yes; is turtle-friendly lighting installed as required by JAXBO (A2.8)?
- No Will project construction take place from uplands or from floating equipment (e.g. barge) as required (A2.9)?
- NA Dock Construction Scenario included as a special condition (A2.17)?

For projects located in Designated Critical Habitat; please complete applicable section below:

No Is the project located in the geographic area of Smalltooth Sawfish Critical Habitat?

No Is project located in smalltooth sawfish limited exclusion zone?

No Is the project located in the geographic area of Gulf Sturgeon Critical Habitat?

NA Enter width of the area (e.g. channel/ bay) if in a the Gulf sturgeon critical habitat migratory restriction zone (Section 2.1.1.2)

NA Select additional noise restrictions required as special condition in Gulf sturgeon critical habitat migratory restriction zones (A2.11).

No Is the project located in the geographic area of Acropora Critical Habitat?

No Are essential features present?

No Is hardbottom present in project footprint? (AP.14).

No Is the project located in the geographic area of Johnson's Seagrass Critical Habitat?

-2.36 Water depths (insert range of water depths where project will occur as minus MLW)

No Project includes a new marina or multifamily facility (A2.14)?

No Does the project include repair/replacement and reconfiguration of existing marinas or multi-family facilities?

If project is repair/replacement and reconfiguration of existing marinas or multi-family facilities then select all that apply under JAXBO (A2.14):

- Occurs within same overall footprint (out to the perimeter of the facility including the outer limits of the structure and permitted mooring locations).
- Does not increase the total aerial extent (i.e. area of coverage from the dock structures) of the existing facility.
- Does not affect Johnson's seagrass.

No Is the project located in the geographic area of Nearshore Reproductive Habitat of NWA DPS of Loggerhead Sea Turtle Critical Habitat?

No Does the project include the installation of a structure other than ATONS (A2.15)?

No Is the project located near sea turtle nesting beaches in the geographic area of U.S. Caribbean Sea Turtle Critical Habitat?

No Does the project include the installation of a structure other than ATONS near sea turtle nesting beaches (A2.16)?

Comments: