

**ATTACHMENT E-1.**  
**APPLICATION CHECKLIST 2016**  
*(To be completed by the Applicant)*

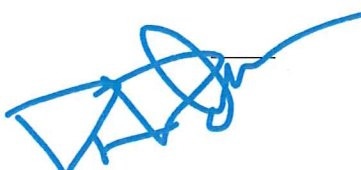
<b>Project Title:</b>	Improve Boat Access at Fisherman's Wharf and Moore's Creek in Fort Pierce
<b>Applicant:</b>	City of Fort Pierce

**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.**

**Any additional information submitted by the applicant is subject to being removed from the package by District staff prior to presentation to the District Board because of reproduction and space considerations.**

**Two (2) copies of your application are required. One original and one electronic copy.**

**All information is required to be on 8 1/2" x 11" paper so they may be included in agenda books bound by staff.**

	<u>YES</u>	<u>NO</u>
1. District Commissioner Review (prior to March 4th) <b>(NOTE: <u>For District Commissioner initials ONLY!</u> (District Commissioner must initial the yes line on this checklist for the application to be deemed complete)</b>		_____
2. Application Checklist – E-1 (Form No. 90-26, 2 pages) (Form must be signed and dated)	___ <u>X</u> ___	_____
3. Applicant Info/Project Summary – E-2 (Form No. 90-22, 1 page) <b>(Form must be completed and signed)</b>	___ <u>X</u> ___	_____
4. Project Information – E-3 (Form No. 90-22a, 1 page)	___ <u>X</u> ___	_____
5. Project Evaluation and Rating – E-4 <sub>(+)</sub> (Form No. 91-25) (Form must be completed, proper attachment included) <b>(No signatures required)</b>	___ <u>X</u> ___	_____
6. Project Cost Estimate – E-5 (Form No. 90-25, 1 page) <b>(Must be on District form)</b>	___ <u>X</u> ___	_____
7. Project Timeline – E-6 (Form No. 96-10, 1 page)	___ <u>X</u> ___	_____
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>	_____	___ <u>X</u> ___

**ATTACHMENT E-1 (Continued)**

**APPLICATION CHECKLIST**  
(To be completed by the Applicant)

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

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 4:00 PM, April 1, 2016. By May 27, 2016 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 the final TRIM Hearing in September 2016. If the information in Item 13 is not submitted to the District office by the District's final TRIM hearing in September 2016, I am aware that my application will be removed from any further funding consideration by the District.

LIAISON: Libby Woodruff TITLE: Urban Redevelopment Manager



4-1-16  
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**

**WATERWAYS ASSISTANCE PROGRAM FY 2016  
PROJECT APPLICATION  
APPLICANT INFORMATION – PROJECT SUMMARY**

APPLICANT INFORMATION			
<b>Applicant:</b>	City of Fort Pierce		
<b>Department:</b>	City Marina		
<b>Project Title:</b>	Improve Boat Access at Fisherman’s Wharf and Moore’s Creek in Fort Pierce		
<b>Project Director:</b>	Dean Kubitschek	<b>Title:</b>	Manager, Fort Pierce City Marina
<b>Project Liaison:</b> <i>(if different from Project Director)</i>	Libby Woodruff	<b>Title:</b>	Urban Redevelopment Manager
<b>Mailing Address:</b>	100 North U.S. Hwy. 1		
<b>City:</b>	Fort Pierce	<b>Zip Code:</b>	34950
<b>Email Address:</b>	ewoodruff@city-ftpierce.com	<b>Phone #:</b>	772-467-3169
<b>Project Address:</b>	125 Fisherman’s Wharf and 480 N. Indian River Drive, Fort Pierce, FL 34950		

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

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

Most all trailerable boating activities share one common requirement – getting passengers and boats safely into and out of the water. Unsafe finger piers at boat ramps cause a variety of problems, ranging from congestion at the ramp and parking lot to an increased danger of injury to boaters and towing vehicles.

Fisherman’s Wharf is a unique City-owned and operated marina located on the west side of the ICW and north of the North Bridge. The Fisherman’s Wharf boat ramp is located directly next to the facility.

The Moore’s Creek Boat Ramp is also located on the west side of the ICW, directly east of Veteran’s Memorial Park and provides three double-wide ramps with finger piers. The ramps are located less than a mile of the South Causeway Bridge (Seaway Drive).

The finger piers at the Fisherman’s Wharf and Moore’s Creek Boat Ramps have degraded to the point where they are almost unusable. Many private boaters, commercial fishermen and charter boat operators have repeatedly expressed concerns for their pasengers, boats and trailers due to the dangerous condition of the finger piers.

These boat ramps/finger piers are vital to local jobs and tourism in Fort Pierce. Many local commercial fishing and wildlife tour providers rely on the ramps for their livelihood. The Lake Okeechobee discharge’s degradation of the waterways south of Fort Pierce have provided a significant increase in visitors from across the region launching from these ramps to explore our area’s incredible aquaculture. Fort Pierce is now home to several national fishing events, such as the Southern Kingfish Association tournament, which will encourage 700+ additional trailerable vessels to launch from these ramps, during the tournament.

This grant request is for funding to help cover the costs to construct new finger piers at the Fisherman’s Wharf and Moore’s Creek boat ramps, fixed trailerable vessel staging area docks, lighting, decorative safety railing and a canoe, kayak, paddle board launch site and staging/tie up area at the Moore’s Creek ramp.

**ATTACHMENT E-3 - PROJECT INFORMATION 2016**

<b>Applicant:</b>	City of Fort Pierce	<b>Project Title:</b>	Improve Boat Access at Fisherman’s Wharf and Moore’s Creek in Fort Pierce		
<b>Total Project Cost: \$</b>	\$172,000	<b>FIND Funding Requested: \$</b>	\$78,500	<b>% of Total Cost:</b>	45.64%
<b>Amount and Source of Applicant’s Matching Funds:</b>	The City will apply to through Florida Fish and Wildlife’s Boating Infrastructure Grant (BIG) Tier II program for the matching funds required for this project.				

1. **Ownership of Project Site (check one):** Own:  Leased:  Other:
2. **If leased or other, please describe lease or terms and conditions:** N/A
3. **Once completed, will this project be insured against damage?** Explain  
Yes. All of the boat ramps, docks, etc. are insured through the City of Fort Pierce.
4. **Has the District previously provided assistance funding to this project or site?** Yes:  No:
5. **If yes, please list:** N/A
6. **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):**  
Fisherman’s Wharf – Boat Ramps: 1; Boat Slips: 41; Parking Spaces: 60; Linear Ft Boardwalk: 600  
Moore’s Creek – Boat Ramps: 1; Boat Slips: 0; Parking Spaces: 30; Linear Ft Boardwalk:0
7. **How many additional ramps, slips, parking spaces or other access features will be added by this project?** 0
8. **Are fees charged for the use of this project?** No  Yes
9. **If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.** N/A

**Please list all Environmental Resource Permits required for this project:**

AGENCY	Yes / No / N/A	Date Applied For	Date Recieved
WMD	N/A	Click here to enter text.	Click here to enter text.
DEP	Fisherman’s Wharf; Moore’s Creek	May 1, 2016	Click here to enter text.
ACOE	Moore’s Creek	May 1, 2016	Click here to enter text.
COUNTY / CITY	Fisherman’s Wharf; Moore’s Creek	May 1, 2016	Click here to enter text.

**ATTACHMENT E-4**

**WATERWAYS ASSISTANCE PROGRAM  
APPLICATION AND EVALUATION WORKSHEET**

**STEP 1:** All applicants will complete Attachment E-4 of the worksheet, which includes questions 1 through 6. **\*\*Do not answer with more than four sentences.\*\***

**STEP 2:** Complete **one and only one sub-Attachment** (E-4 A, B, C, D or E, questions 7-10) according to the applicant's project type.

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>	Improve Boat Access at Fisherman’s Wharf and Moore’s Creek in Fort Pierce
<b>Applicant:</b>	City of Fort Pierce

**1) PRIORITY LIST:**

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

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

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

This project fits this category as it will develop improved public boat ramps and launching and staging abilities at Fisherman’s Wharf and Moore’s Creek in Fort Pierce for trailerable vessels, canoes, kayaks and paddleboards.

*(For reviewer only)*

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

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

## 2) WATERWAY RELATIONSHIP:

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

This project directly relates to the ICW since the Fisherman's Wharf boat ramp is located on the west side of the ICW and north of the North Bridge. The Moore's Creek boat ramp is also located on the west side of the ICW, north of the North Bridge and south of Fisherman's Wharf. These are both popular launching sites for small tourism providers and visitors to the area who explore and enjoy the ICW and the Indian River Lagoon.

This project directly relates to the mission of the Navigation District as it will significantly improve safe access to the ICW.

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

Replacing the derelict finger piers and providing a staging area for loading and unloading vessels, canoes, kayaks and standup paddleboards at Fisherman's Wharf and Moore's Creek will increase public access to the ICW since both Fisherman's Wharf and Moore's Creek are located on the west side of the ICW in Fort Pierce.

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

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## 3) PUBLIC USAGE & BENEFITS:

- a) **How is the public usage of this project clearly identified and quantified? Estimate the amount of total public use.**

Both Fisherman's Wharf and the Moore's Creek boat ramps are very popular FREE 24-hour launching areas in Fort Pierce. We estimate these improvements will result in more than 10,000 trailerable vessels being launched from these sites annually. This estimate does not include the number of canoes, kayaks, and paddleboards that will use the new launch site. This will be the only canoe, kayak and paddleboard launch site on the west side of the ICW in Fort Pierce.

- b) **Discuss the regional and local public benefits that will be provided by the project.**

Fort Pierce is quickly becoming *the* prime aquaculture destination on the Treasure Coast. Both of these boat ramps are continuously used by local citizens and visitors from throughout the region, who travel here frequently to enjoy fishing, diving, sightseeing and various water sports. This project will increase public safety, decrease the possibility of damage to vessels and equipment and enhance everyone's overall experience, which will increase participation and subsequently strengthen the economic viability of the entire area.

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

Both of these sites are FREE and open, 24-hours a day, 7 days a week, to everyone, regardless of where they are from.

*(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 preliminary designs for this project are complete.

August, 2016 – Receive approval of all required permits for this project

September, 2016 – Receive grant award notice from the Florida Inland Navigation District

September, 2016 – Apply for grant funds from the Florida Boating Infrastructure Grant (BIG) Tier II Program

March, 2017 – Receive notice of grant award from the BIG program

May, 2017 – RFP for Design/Build project opens

July, 2017 – Contract for Design/Build project is awarded

January, 2018 – Project is completed

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

At this time, we do not see any unique aspects of this project that could influence the project's timeline.

*(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.**

The Fort Pierce City Marina will cover all of the costs associated with permitting for this project.

The City will apply through FWC's Boating Infrastructure Grant (BIG) Tier II in September for the remaining 'matching' funds needed to complete this project.

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

At this time, we do not see any project costs that may increase because of the materials utilized or specific site conditions.

- c) **Describe any methods to be utilized to increase the cost efficiency of this project.**

We will follow the City's procurement process and publish a 'Request for Proposals' (RFP) for this design/build project, which will help increase the cost efficiency of this project.

- d) **If there are any fees associated with the use of this facility, please detail. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

There will be no fees associated with the use of this project. We are not aware of any fees charged by similar facilities, public or private, in our project area.

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

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**6) PROJECT VIABILITY:**

- a) What specific need in the community does this project fill? Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?**

This project is listed in the City's 2016-2026 Strategic Plan: 'Funding' is listed as a 'Key Issue' to improving Fisherman's Wharf and Moore's Creek amenities, which include safe, usable access to boat ramps.

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

Contiuous Maintenance oversight will be provided by the City's Public Works Department. Funding for maintenance will be provided by the Fort Pierce City Marina.

- c) Will the program result in significant and lasting benefits? Explain.**

This project will definitely result in significant and lasting benefits as it will enhance the entire boating experience for local citizens and visitors as they launch their boats, kayaks, canoes and paddle boards from these areas.

Failure to repair the finger piers will lead to the continued degradation and eventual failure of the launching structures at Fisherman's Wharf and Moore's Creek which will subsequently increase the costs to repair/replace the structures and significantly decrease the amount of visitors to the area - creating a dynamic negative economic impact to the entire area.

- d) Please describe any environmental benefits associated with this project.**

This project will include signage promoting the "Clean Boater Pledge" at both project sites and include dispensers of "In Water Clean-Up Bags' and trash bins.

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

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

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

**WATERWAYS ASSISTANCE PROGRAM  
APPLICATION AND EVALUATION WORKSHEET**

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? If permits are NOT required, explain why not.**

All required environmental permits will be applied for by May 1, 2016.

- b) If the project is a Phase I project, list the tasks scheduled to obtain the necessary permits and engineering work. Please provide a general cost estimate for the future Phase II work.**

This is not a Phase I project.

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

We have not identified any significant impediments that could potentially delay the timely issuance of the required permits.

*(For reviewer only)*

*(1-4 points)*

**8) PROJECT DESIGN:**

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

The Concept/Preliminary Design for this project is complete. Since this is a 'Design/Build' project, the contractor that is awarded following the release of the Request for Proposals will attend to the engineering designs for this project.

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**  
No.

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

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**9) CONSTRUCTION TECHNIQUES:**

- a) **Briefly explain the construction techniques to be utilized for this project. If a Phase 1, elaborate on potential techniques.**

The finger piers at Fisherman's Wharf and Moore's Creek will be constructed from marine-grade aluminum.

Floating docks, which will be used as the staging area for canoes, kayaks and paddle boards at Moore's Creek, will be constructed from polyethylene pipe and composite decking (recycled plastic).

Fixed docks will be constructed from marine-grade wood and be used as a staging area for boats at the Moore's Creek boat ramp area.

Both the floating and fixed docks will be ADA accessible.

Decorative Railing from heavy aluminum will be installed along the perimeter around the fixed dock area at Moore's Creek to enhance safety.

LED lighting will be installed in the fixed dock area at Moore's Creek to enhance safety.

- b) **How are the utilized construction techniques appropriate for the project site?**  
All of the construction techniques will follow standard marine construction techniques.
- c) **Identify any unusual construction techniques that may increase or decrease the costs of the project.**

We do not foresee any unusual construction techniques that may increase or decrease the costs of the project.

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

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**10) CONSTRUCTION MATERIALS:**

- a) List the materials to be utilized for this project. What is the design life of the proposed materials compared to other available materials?**

Fisherman's Wharf Boat Ramp:

- One (1) new Finger Pier, which will be constructed of marine-grade aluminum.

Moore's Creek Boat Ramp:

- Three (3) new Finger Piers, constructed of marine-grade aluminum.
- Fixed dock – 8'x95', to be used as staging area for trailerable vessels. The fixed docks will be constructed of marine-grade wood piling and decking.
- Canoe/Kayak/Paddle Board Launching area – this will be constructed from geo-tubes made from recycled plastic, filled with sand, which will create a berm, with the inside of the berm filled with sand.
- Floating dock – 8'x30', to be used as staging area for canoes, kayaks and paddleboards.
- Decorative safety railing
- Enhanced lighting

- b) Identify any unique construction materials that may significantly alter the project costs.**

No unique construction materials will be used for this project.

*(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**

**FLORIDA INLAND NAVIGATION DISTRICT  
ASSISTANCE PROGRAM 2016**

**PROJECT COST ESTIMATE**

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

<b>Project Title:</b>	Improve Boat Access at Fisherman’s Wharf and Moore’s Creek in Fort Pierce
<b>Applicant:</b>	City of Fort Pierce

<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>Quantity or Total Estimated Cost</b> <i>(Number and/or Footage etc.)</i>	<b>Applicant's Cost</b>	<b>FIND Cost</b>
Required Environmental Permitting	1	\$15,000	
<b><u>Fisherman’s Wharf:</u></b>			
Finger Pier	1	\$9,500	\$9,500
<b><u>Moore’s Creek:</u></b>			
Finger Piers	3	\$28,500	\$28,500
Fixed Staging Dock (Vessels)	1 – 8’x95’	\$16,000	\$16,000
Floating Dock (Kayaks, Canoes, Paddle Boards)	1 – 8’x30’	\$9,750	\$9,750
Launch (Kayaks, Canoes, Paddle Boards)	1	\$6,000	\$6,000
Safety, Decorative Railing	400 ft	\$2,750	\$2,750
Lighting (fixtures, wiring, etc.)	2	\$6,000	\$6,000

<b>**TOTALS =</b>	<b>\$</b>	<b>\$ 93,500</b>	<b>\$ 78,500</b>
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**ATTACHMENT E-6  
WATERWAYS ASSISTANCE PROGRAM 2016**

**PROJECT TIMELINE**

<b>Project Title:</b>	Improve Boat Access at Fisherman’s Wharf and Moore’s Creek in Fort Pierce
<b>Applicant:</b>	City of Fort Pierce

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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The preliminary designs for this project are complete.

August, 2016 – Receive approval of all required permits for this project

September, 2016 – Receive grant award notice from the Florida Inland Navigation District

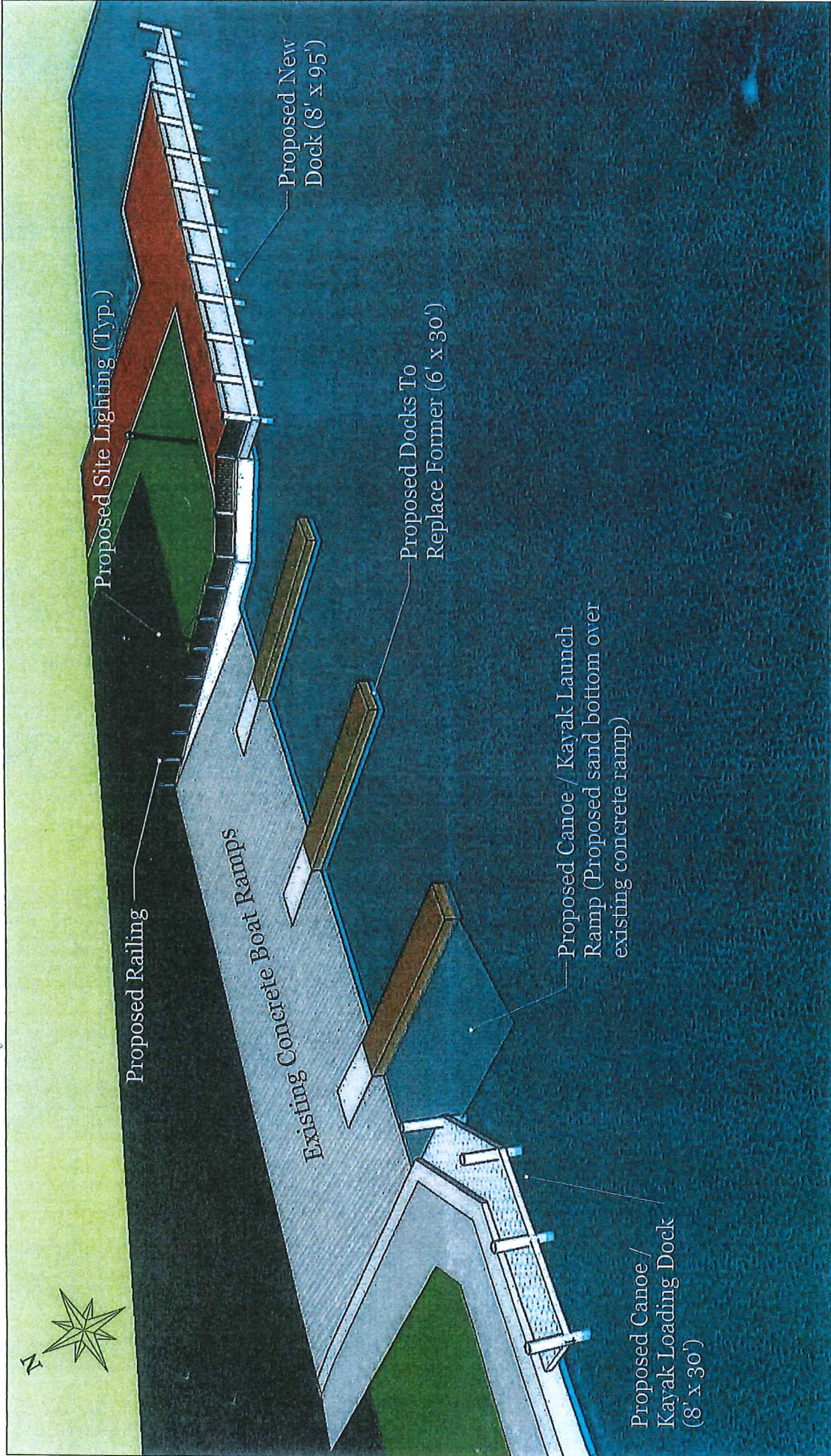
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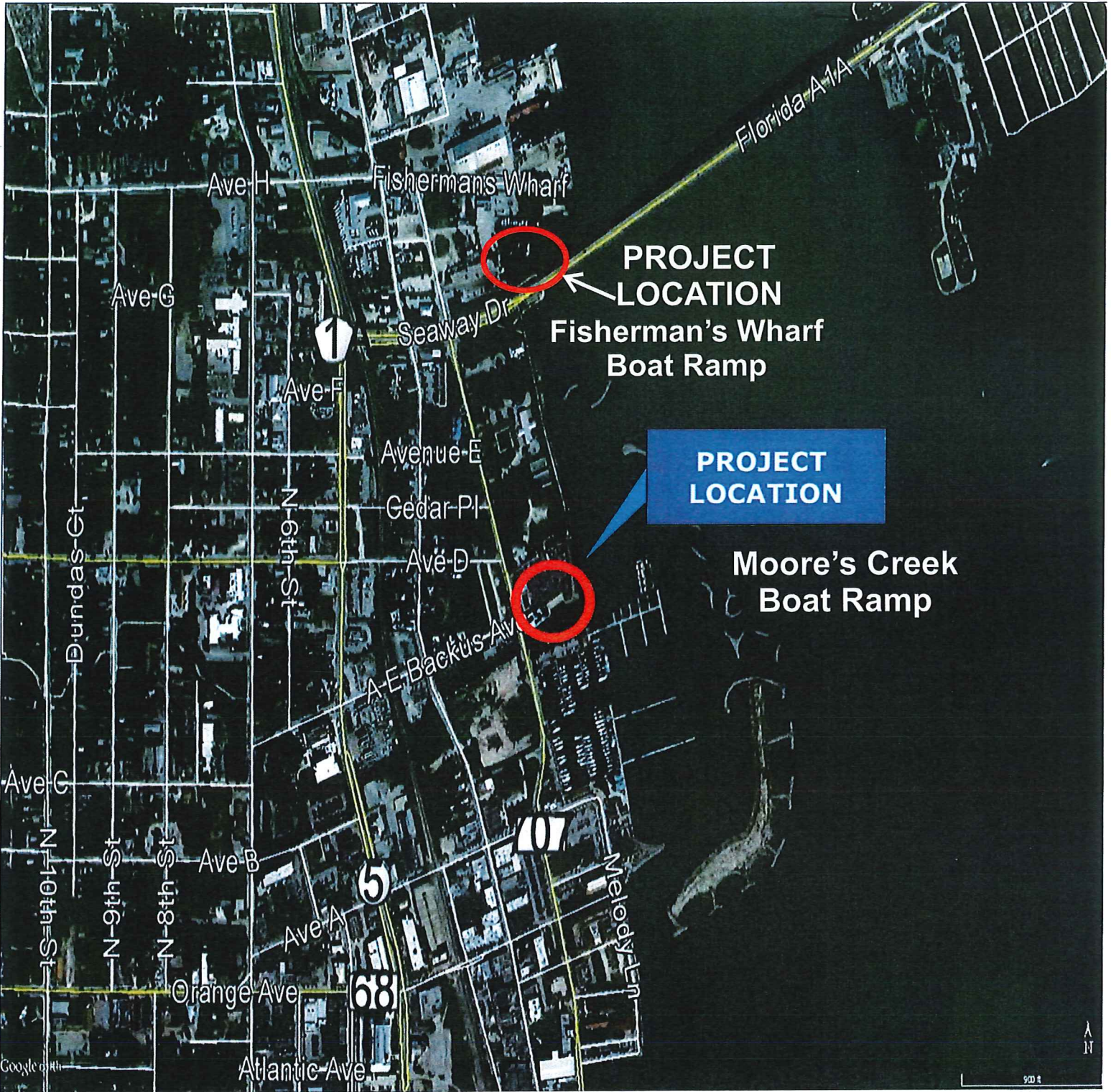
May, 2017 – RFP for Design/Build project opens

July, 2017 – Contract for Design/Build project is awarded

January, 2018 – Project is completed



<b>Reconstruction of Docking Facilities at Existing Boat Ramp</b>				<b>Fort Pierce Engineering Department</b> 100 N. US 1 Fort Pierce, FL 34950 (772) 467-3773		<b>REVISIONS</b>																							
		Moore's Creek Boat Ramp		...		<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>03/17/16</td> <td>Conceptual Drawing</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		NO.	DATE	DESCRIPTION	BY	1	03/17/16	Conceptual Drawing		2				3				4				5	
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Fishermans Wharf

Fisherman's Wharf Boat Ramp

Site Development Photo

City of Fort Pierce  
Improve Boat Access



707

A1A

Avenue E

Cedar Pl

Indian River Dr

Moore's Creek Boat Ramp

City Marina

N 2nd St

A E Backus Ave

N Indian River Dr