BROWARD BOATING IMPROVEMENT PROGRAM
FY 2020/2021
GRANT APPLICATION PACKAGE

BROWARD COUNTY
MARINE ADVISORY COMMITTEE

BROWARD COUNTY PARKS AND RECREATION DIVISION

BROWARD COUNTY MARINE ADVISORY COMMITTEE
BROWARD BOATING IMPROVEMENT PROGRAM

FY 2020/2021 GRANT APPLICATION

(PLEASE TYPE)

For Office Use:
Date & Time Received _____

APPLICANT INFORMATION

Applicant: **City of Pompano Beach.**

Project Title: **Alsdorf Seawall Replacement.**

Project Liaison Agent: **Mark Beaudreau**

Title: **Recreation Programs Administrator**

Address: **1801 NE 6th Street**

Pompano Beach, Florida Zip Code: **33060**

Telephone: **954-786-4111**

E-mail Address: **Mark.Beaudreau@copbfl.com**

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

Signature: Mark D. Beaudreau Date: 8-15-19

PROJECT INFORMATION

Grant Amount Requested: $375,000 Amount of Cash Match: $375,000.00

Funds are Utilized as Match for: FRDAP_____ FIND_____ LWCF_____ Other: **City Funds**

Site Control (Check One):

Acquiring _____ Leased **X** Owned_____

If Leased, Date of Expiration of Lease:

The Lease expires March 1, 2023 (Ord. 2018-30).

Once completed, will this project be insured? Explain:

Yes, The City of Pompano Beach is self-insured.

PROJECT DESCRIPTION

Is this project a Phase I Grant: _____ or a Phase II Grant: **X**

Brief Project Description:

The Alsdorf Park seawall was originally built in the late 1970's and has went through numerous repairs throughout its life-cycle. The Alsdorf Park seawall and dock receive high boat and foot traffic and waves from the waterways have caused erosion and cracking. In 2018, a seawall study was updated and found the seawall and dock to be in deteriorating condition. The City plans to demolish the existing dock and seawall located east of the most eastern boat ramp along the Caliban Canal to the Intracoastal waterway. The new bulkhead will be constructed using aluminum or composite interlocking sheetpiles with integrated cast-in-place concrete cap and tie-back system. It is the intent to install the new vertical sheets within 18" waterward of the existing concrete bulkhead. Sheetpiles will be installed using land-based mechanical equipment with vibratory hammer. Upon completion of the new sheetpile installation the existing bulkhead will be removed all or in part. The tie-back system, comprised of galvanized steel or aluminum rods and concrete deadman will be installed using a land-based excavator. The concrete cap will be formed and poured and after curing the area behind the wall will be filled with clean sand, compacted and graded. Once the new seawall is installed then a new dock will be installed between the most eastern boat ramp and the Intracoastal in the same location as the previous dock. The dock replacement of this project will be funded by the City of Pompano Beach.

Type and Estimated Cost of Proposed Development by Facility:

Project Elements	Quantity Estimated (Number and /or Footage)	Applicant Cost	BBIP Cost	Total Cost
Demolition And Installation of an estimated 400' of seawall. Dock replacement will be funded by the City of Pompano Beach and is not included in this estimate.	Lump Sum	$375,000.00	$375,000.00	$750,000.00
Total		**$375,000.00**	**$375,000.00**	**$750,000.00**

Total Acreage of Project Site: **9.84 acres**

PROJECT SCORING QUESTIONS

1. **Provide information to show proposed or actual use for the project by recreational boaters.**

   a) How is the public usage of this project clearly identified and quantified?

   Alsdorf Park is considered the busiest boat ramp in Broward County. Over 1000 recreational boaters per month utilize this facility which is often at capacity, especially on the weekends and on holidays.

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

   The current seawall is in failing condition which is critical to the safety of boaters and park property. The dock and seawall receive high foot and boat traffic on a regular basis. The new dock and seawall will ensure the high-volume usage of Alsdorf Park by creating a safer place for boaters. It will also be a benefit to the environment by reducing erosion, especially that caused by bad weather.

   c) Estimate the amount of total public use.

   Alsdorf Park receives approximately 25,000 visitors using boats and another 10,000 non-boating visitors annually.

   d) Can residents from other cities or visitors from other counties reasonably use the project? Explain.

   Residents from other cities and counties often utilize this park and its ramps due its proximity to the Hillsboro Inlet.

   e) If this is a Phase I project, what will Phase II provide?

   Phase II project will consist of demolition and construction of a estimated 400' of seawall along a portion of the Intracoastal and Caliban Canal. The adjoining dock will be replaced at the City's expense.

2. **Describe availability of navigable recreational waterways, including the distances North, East, South and West, with water depth at low tide and bridge clearances at high tide.**

   a) Will dredging be required to make this project feasible? If so, how much and where is the dredge disposal material going to be deposited?

Alsdorf Park is bordered by the Intracoastal Waterway to the East and the, and the Caliban Canal (local canal) to the north, State Road 844 (N.E 14th Street Causeway) to the South and a private condominium development to the west. Boating access is by way of the Intracoastal Waterway. Boaters navigating from the South through Pompano Beach will encounter the Atlantic Blvd. Bridge (1 ½ miles from the park and the NE 14th Street Causeway Bridge (approximately 600 feet due south) of the park. Boaters navigating through Pompano Beach from the North along will not encounter any bridges. Access to the Atlantic Ocean will be through the Hillsboro Inlet where boaters will encounter the Hillsboro Inlet Bridge which is located approximately one (1) mile NE of the park.

No dredging will be required.

3. **State how previously awarded old Florida Boating Improvement Program (FBIP) or Broward Boating Improvement Program (BBIP) funds have been effectively spent by the applicant in the past.**

The most recent BBIP grant to the City was FY 14-15 grant for $440,323.00

   a) Have any FBIP or BBIP funds been used for the existing devolvement of the proposed project site? If yes, what were the funds used for, and when were they awarded?

The above-mentioned grant was used for the Alsdorf Park parking lot expansion, park upgrades and drainage improvements. This project was completed in 2017.

4. **List all available ancillary boating facilities currently at the project site such as; restrooms, adequate paved parking, drinking water, pump-out stations, laundry facilities, etc.**

Current facilities available at the park include restrooms, playground, law enforcement facility, a pump-out station, picnic tables, grills, a boat washing facility and a soon to be ice machine.

a) What ancillary boating facilities is this project proposing?

The ancillary facilities proposed for the Phase 2 of this project include:
Demolition and construction of an estimated 400' of seawall along the Caliban Canal and the Intracoastal. The seawall supports a dock, which along with the seawall, has deteriorated. This area is used for boating loading/ off-loading and receives a lot of pedestrian traffic. The seawall also helps protect the erosion of the park. The City of Pompano Beach will fund the dock replacement.

5. **List the number of similar boating facilities in the area and their distance from the proposed project.**

Alsdorf Park is the only public boat launching facility within the City of Pompano Beach. Other similar facilities within Broward County include the following:

- **Deerfield City Park (Deerfield Beach) – 6 miles north**
- **George English Park (Ft. Lauderdale) – 9 miles south**
- **S.E. 15th Street Facility (Ft. Lauderdale) – 11 miles south**
- **Cooley's Landing at Sailboat Bend (Ft. Lauderdale) – 13 miles south**
- **Robert E. Houston Park**

6. **Describe who the intended users of the proposed facility are, and the number of users the project is anticipated to generate.**

The intended users are recreational boaters. Alsdorf Park is considered the busiest boat ramp in Broward County and serves over 1,000 boaters per month under normal operations and is often at capacity, particularly on the weekends and the holidays.

Alsdorf Park receives 25,000 boating visitors and 10,000 non- boating visitors annually. The project will make sure the park will be able to safely sustain the above quantity of visitors a

year.

7. **List all permits required to construct the project and the status of each permit.**

All permits are in the process of being submitted to the below mentioned jurisdictions.

AGENCY	TIME (Months)
City of Pompano Beach Building Dept. and Development Services	4
Broward County Environmental Protection and Growth Management. (Surface Water Permit) & Environmental Resource Permit (from SFWMD)	3
Florida Department of Environmental Protection	3
US Army Corps of Engineers (Dock permit)	3

a) If this is a Phase I project, how long do you anticipate the design, permitting and engineering process to take?

This application is for Phase 2 construction. The City is currently in the design and permitting phase and expect to have these items completed before October 2019.

b) Briefly explain the construction techniques to be utilized for this project.

The new bulkhead will be constructed using aluminum or composite interlocking sheetpiles with integrated cast-in-place concrete cap and tie-back system. It is the intent to install the new vertical sheets within 18" waterward of the existing concrete bulkhead. Sheetpiles will be installed using land-based mechanical equipment with vibratory hammer. Upon completion of the new sheetpile installation the existing bulkhead will be removed all or in part. The tie-back system, comprised of galvanized steel or aluminum rods and concrete deadman will be installed using a land-based excavator. The concrete cap will be formed and poured and after curing the area behind the wall will be filled with clean sand, compacted and graded.

c) How are the construction techniques utilized appropriate for the project site?

The project area is unimproved and allows for easy access by land-based equipment. No barge-mounted equipment will be necessary. Construction techniques comprised of driving new sheets immediately waterward of the existing bulkhead, as required for the construction of the new bulkhead, is the preferred and appropriate method of construction for the project.

d) Identify any unusual construction techniques that may increase or decrease the costs of the project, or extend the life of the project.

Site inspections, surveys and geotechnical work have been completed. Construction plans will be finalized and ready for bid by end of before October 2019. Permit applications have been submitted to local, state and federal agencies for review and final permits are expected by end of October 2019. Once a contractor has been selected and awarded a contract, construction duration is expected to take 60 – 90 days from date of mobilization.

e) Describe current status of the project and present a reasonable and effective timeline for the completion of the project.

The project will stabilize the shoreline of the park and provide safer access to the adjacent waterways by the general public. The design of the bulkhead including material selection will prohibit the loss of material from adjacent uplands into state regulatory waters reducing or eliminating environmental impacts from current conditions

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

Permitting, bid responses, contract approval, inspections, unknown seawall conditions and weather could influence the timeline.

8. **Describe public access and boating access to the proposed project.**

a) 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 docks, restrooms (etc.)?

Alsdorf Park currently has six (6) boat ramps, (12) boat slips, (95) spaces for vehicles with trailers and (106) regular parking spaces. The park also has 500 LF of dock space and restrooms for both male and female.

b) How many additional ramps, slips, parking spaces or other public access features will be added by the completion of this project?

A new seawall and dock will be added. The dock will be removed and replaced at the City's expense.

c) Is there 24 hour public and handicap access to the project site?

Yes.

9. Explain user costs such as parking and launching fees, if any, for the proposed project.

a) If there are fees charged for the use of this project, please list fee schedule.

Name of Location	*Address of Location*	*Approx. No of Spaces*	*Vehicle Type*	*Season*	*Off Season*	*Holidays and Events*	*Flat Rate Permit for Residents, Businesses, Employees*	*Rate Zone Number and Comments*	
Alsdorf Boat Launch Facility and Parking Lot	14th Street	82	Vehicle	$.30 per 12 minutes or $1.50 per hour		$.25 per 12 minute s or $1.25 per hour	$.35 per 12 minutes or $1.75 per hour		
		78	Vehicle with trailer	$15.0 0 per 24-hour period		$10.00 per 24-hour period	$20.0 0 per 24-hour period		

b) How do these fees compare with fees from similar public & private facilities in the area?

- **Deerfield City Park (Deerfield Beach) – 6 miles north: $1.00/ hour; $100/ year (Decal) for parking**
- **George English Park (Ft. Lauderdale) – 9 miles south: $1.00/ hour, with a two (2) hour minimum; 48 hour maximum (Metered Parking)**
- **S. E. 15th Street Facility (Ft. Lauderdale) – 11 miles south: $2.00/ hour; with a two (2) hour minimum; 48 hour maximum (Metered Parking)**
- **Cooley's Landing at Sailboat Bend (Ft. Lauderdale) -13 miles south: $1.00/ hour; with a two (2) hour minimum; 12 hour maximum (Metered Parking)**
- **Robert E. Houston Park (Dania) – 18 miles south: S8.00; paid to security personnel (Open 24 hours)**

10. Describe the environmental and/or ecological benefits that the proposed project would provide.

a) Does the project provide any unique beneficial aspects to the proposed design that would enhance public usage or access, decrease environmental impacts, improve water quality or reduce costs?

This project will improve the safety and longevity of the park and its users. Currently, the City is spending monies on numerous repairs and maintenance on a failing seawall and dock.