

**BROWARD BOATING IMPROVEMENT
PROGRAM
2019/2020
GRANT APPLICATION PACKAGE**



**BROWARD COUNTY
MARINE ADVISORY COMMITTEE**

**BROWARD COUNTY PARKS AND RECREATION
DIVISION**

**BROWARD COUNTY MARINE ADVISORY COMMITTEE
BROWARD BOATING IMPROVEMENT PROGRAM**

FY 2019/2020 GRANT APPLICATION
(PLEASE TYPE)

For Office Use
Date & Time Received _____

APPLICANT INFORMATION

Applicant: City of Fort Lauderdale

Project Title: Derelict Vessel Removal

Project Liaison Agent: Lee Feldman

Title: City Manager

Address: 100 North Andrews Avenue

Fort Lauderdale, Florida 33301

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E-mail Address: jluscomb@fortlauderdale.gov

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

Signature: _____ Date: _____

PROJECT INFORMATION

Grant Amount Requested: \$ 50,000 Amount of Cash Match: \$ 0

Funds are Utilized as Match for: FRDAP _____ FIND _____ LWCF _____ Other _____

Site Control (Check One): N/A

Acquiring _____ Leased _____ Owned _____

If Leased, Date of Expiration of Lease: N/A

Once completed, will this project be insured? Explain: N/A

PROJECT DESCRIPTION

Is this project a Phase I Grant: or a Phase II Grant:

Brief Project Description: Derelict Vessel Removal

The City of Fort Lauderdale has over 165 miles of canals and navigable waters ways. On occasion, the City’s Marine Police Unit and Marine Facilities Division respond to a complaint regarding a submerged abandoned vessel that is a navigational hazard and/or an environmental hazard to the boating public. As these situations arise, the vessels are immediately raised, decontaminated and properly disposed of.

Over the past 4 years, 4 qualifying derelict vessels have been recovered and properly disposed of. The majority of these were scuttled at the city’s boat ramps creating impediments to launching, navigation and environmental hazards to the public.

At this time, the City has identified one (1) at risk vessel that may become derelict which may meet grant requirements however; many future qualifying vessels are now attached to upland facilities until they are illegally dumped in the City and County waterways.

Type and Estimated Cost of Proposed Development by Facility:

Project Elements	Quantity Estimated (Number and /or Footage)	Applicant Cost	BBIP Cost	Total Cost
<u> N/A </u>				
Total		\$	\$	\$

Total Acreage of Project Site: N/A

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?

The removal of derelict vessels from public waterways and boat ramps within the City enables the boating public better opportunities to safely enjoy them. Derelict vessels are unsightly and ruin the scenery along the City's Waterways. Submerged derelict vessels create a navigational hazard to the residents and visitors of Fort Lauderdale. Derelict vessels are also an environmental hazard to the waterways creating the possibilities of petroleum discharges, property damage, and damage to endangered sea grasses, and mangroves.

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

Broward County has approximately 300 miles of inland waterways and of those, 165 miles are within the boundaries of the City of Fort Lauderdale. Broward County also has two navigable inlets: centrally located Port Everglades inlet and 12 miles to the north Hillsboro Inlet. It is nearly impossible to transit Port Everglades without entering the City's Waterways.

- c) Estimate the amount of total public use.

In 2005, the Mote Marine Laboratory conducted a study for the Florida Fish and Wildlife Conservation Commission with the goal of estimating boating traffic patterns that affect the manatee in the inland waterways Broward County and Fort Lauderdale. During the months of May through January, Aerial surveys of "in use" boats were conducted from a small airplane at an altitude of 1,000 feet. Seventeen flights were made and traffic patterns were mapped. The study counted 3,452 vessels "in use", which comes to an average of 203 per day on the City's and County's waterways. With 55% of Broward County's waterways within the City's limits, it is estimated that on average there were 112 vessels in use in Fort Lauderdale per day during of the Mote study.

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

Any boater is free to lawfully use the waterways within the City's limits.

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

N/A

- 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.**

The prevention, removal and disposal of derelict vessels include the City of Fort

Lauderdale's entire 165 miles navigable waterways. These waterways lie within the city's approximate 36-mile footprint. These waterways are not available to all boaters due to varying fixed bridge heights throughout the city and its residential areas. The main bodies of water connecting the City to the Atlantic Ocean are the Atlantic Intracoastal Waterway, The Middle River and the New River. Vessel traffic on the intracoastal and the New River are relatively unrestricted within city boundaries due to bascule bridges and water depths in the range of 5 to 15 feet. The Middle River does restrict vessel size due to the low clearance of the Sunrise Boulevard Bridge, which was around 6.5' feet. That bridge was replaced in 2015/2016 with a new clearance of slightly more than 10 feet. The extra clearance provides access to slightly larger vessels. Vessel traffic and size have increased on the Middle River as well the use of the George English Park Boat Ramp because of the extra clearance.

- 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?

No dredging is 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.

1988-1989 – Cooley's Landing Boat Docks FBIP - \$153,899
1989-1990 – Cooley's Landing Comfort Station and Restroom - \$96,805
1990-1991 – Las Olas Marina Dock and Comfort Station Construction FBIP – \$440,000
1992-1993 – Las Olas Marina Dock and Comfort Station Construction FBIP – \$440,000
1994-1995 - Las Olas Marina Dock and Comfort Station Construction FBIP – \$375,000
2003-2006 – Marshall's Point Boating Improvements BBIP - \$300,000
2005-2012 – New River Floating Docks BBIP - \$450,000
2007 –2011 – Cooley's Landing Boat Ramp Replacement - \$218,545
2009-Present – 15th Boat Ramp Improvement Project - \$291,715
2014-2018 – Derelict Vessel Removal Program - \$50,000

- 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?

No. Florida Inland Navigation District has assisted the City on occasion with its Small Scale Derelict Vessel Removal Program.

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

- a) What ancillary facilities is this project proposing?

N/A

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

N/A

a.) Is this project meeting an un-met demand?

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

The intended beneficiaries of timely derelict vessel removal from navigable waterways are regional, county and local recreational and commercial boaters who visit and frequently use public waterways while visiting the City.

The majority of users will be small boats of 26' and under. In 2016, Broward County had 44,212 registered vessels and of those 32,204 (73%) are 25' 11" and under.

Both the New River and the Middle River flow through City limits and serve other county residents outside of city limits.

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

- a) If this is a Phase I project, how long do you anticipate the design, permitting and engineering process to take?
- a) Briefly explain the construction techniques to be utilized for this project.
- b) How are the construction techniques utilized appropriate for the project site?
- c) Identify any unusual construction techniques that may increase or decrease the costs of the project, or extend the life of the project.
- d) Describe current status of the project and present a reasonable and effective timeline for the completion of the project.
- e) Briefly explain any unique aspects of this project that could influence the project timeline.

N/A

8. Describe public access/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.)?

The City has four public boat ramps on various bodies of water that can and have been negatively affected by derelict vessels:

Riverland Woods (1) – Located on the New River, 9 trailer spaces, no restrooms, and no sewage pumpout facilities.

Cooley’s Landing (3) – Located on the New River, 27 trailer spaces, no restrooms, and no sewage pumpout facilities.

Cox’s Landing/15th Street Boat Ramp (2) – Located on the Seminole River /Canal, post renovation (9/30/2014): 63 trailer spaces, restrooms, and with sewage pumpout facilities.

George English Park (2) – Located on the Middle River, 65 trailer spaces, no restrooms and no sewage pumpout facilities. Renovation set to begin in early 2019.

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

N/A

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

N/A

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.

N/A

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

N/A

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?

Derelict vessels pose a significant and potential danger to the environment in many ways.

Examples are:

- By washing into and destroying stands of environmentally significant mangroves which are key to sustaining estuarial hatcheries and nurseries for fish, birds and other marine life.
- By spilling hazardous materials such as petroleum products into and contaminating and these environmentally sensitive estuarine areas.
- By sinking scraping in waterway bottom areas which support environmentally sensitive sea grasses and hard and soft coral habitat

The prompt identification, monitoring and removal of derelict vessels help to prevent/decrease the above examples of negative environmental impacts.

AND

The removal of derelict vessels enhances the public's right to use the City's waterways by eliminating the potential for navigational hazards such as contacting a submerged vessel and causing damage waterway user vessels.

AND

Derelict Vessels are eyesores that diminish the quality of boating on any waterway.