

RESOLUTION NO. 2026-3523

A RESOLUTION OF THE TOWN COMMISSION OF THE TOWN OF SURFSIDE, FLORIDA, AUTHORIZING THE SUBMITTAL OF A FLORIDA INLAND NAVIGATION DISTRICT (FIND) WATERWAYS ASSISTANCE PROGRAM GRANT APPLICATION FOR THE LIVING SEAWALL HABITAT ENHANCEMENT PROJECT, IN THE ESTIMATED GRANT AMOUNT OF SEVENTY THOUSAND DOLLARS (\$70,000); PROVIDING FOR IMPLEMENTATION; PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Town of Surfside ("Town") desires to carry out the following described project for the enjoyment of the residents of the Town of Surfside and the State of Florida ("Living Seawall Project"):

Project Title: Living Seawall Habitat Enhancement Project

Total Estimated Cost: \$180,000

Brief Description of Project: The Living Seawall Project consists of the installation of 3D-printed living seawall tiles along an existing seawall at 96th Street Park to enhance environmental conditions, improve water quality, increase marine habitat, and improve the functionality of the shoreline interface with the Intracoastal Waterway; and

WHEREAS, the proposed Living Seawall Project will enhance an existing shoreline adjacent to the Intracoastal Waterway by improving ecological performance and nearshore conditions, providing a benefit to the public and users of the waterway; and

WHEREAS, the Town has submitted a grant application to the Florida Inland Navigation District (FIND) under the Waterways Assistance Program for funding assistance for the project; and

WHEREAS, FIND funding for this project is requested in the amount of \$70,000, representing approximately forty percent (40%) of the total estimated project cost, with a required minimum matching contribution by the Town; and

WHEREAS, FIND financial assistance is required for the project described above and as part of its application process, FIND requires that a resolution be adopted by the governing body in substantially the form provided by the District; and

WHEREAS, the Town Commission finds that the submission of the grant application to FIND for the Living Seawall Project is in the best interest and welfare of the Town and wishes to approve the submission of such application.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COMMISSION OF SURFSIDE, FLORIDA, AS FOLLOWS:

Section 1. Recitals Adopted. That the above-mentioned recitals are hereby adopted and confirmed.

Section 2. Application Authorized. That this Commission hereby authorizes the submittal of a grant application to the Florida Inland Navigation District (FIND), Waterways Assistance Program, in an amount of up to forty percent (40%) of the total project cost, not to exceed seventy thousand dollars (\$70,000), with a required minimum matching contribution by the Town.

Section 3. Program Commitment. That the Town is in complete accord with the proposal submitted and will carry out the program in the manner described in the application and any plans and specifications attached thereto, unless prior approval for any change has been received from FIND.

Section 4. Funding and Compliance. The Town has the ability and intention to finance its required share of the cost of the Living Seawall Project and the project will be operated and maintained at the expense of the Town for public use. The Town further agrees to comply with all applicable requirements of FIND Rule 66B-2, F.A.C. The Town further certifies 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 Title VI of the Civil Rights Act of 1964, P.L. 88-352 (1964), and will design and construct all facilities to comply fully with statutes relating to accessibility by persons with disabilities, as well as all other applicable federal, state, and local laws, rules, and requirements. The Town further agrees to maintain adequate financial records on the proposed project to substantiate claims for reimbursement and to make such records available to FIND, if requested, including for a post-audit of expenses incurred on the project prior to, or in conjunction with, any request for the final ten percent (10%) of the funding agreed to by FIND.

Section 5. Implementation. The Town Manager and/or designee are authorized to take any and all necessary or further action to implement effectuate the purposes of this Resolution.

Section 6. Effective Date. That this Resolution shall take effect immediately upon the adoption hereof.

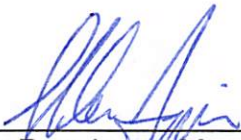
PASSED AND ADOPTED on this 12th day of May, 2026.

Motion By: Commissioner Vildostegui

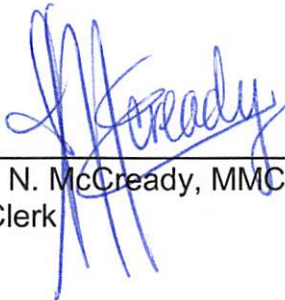
Second By: Commissioner Travani

FINAL VOTE ON ADOPTION:

Commissioner Andrea Travani	<u>Yes</u>
Commissioner Gerardo Vildostegui	<u>Yes</u>
Commissioner David Weingot	<u>Yes</u>
Vice Mayor Dayana Benmergui	<u>Yes</u>
Mayor Shlomo Danzinger	<u>Yes</u>



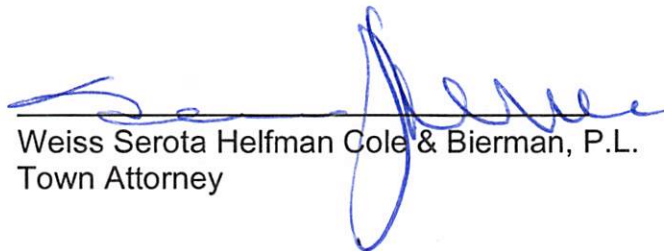
Shlomo Danzinger, Mayor

Attest: 

Sandra N. McCready, MMC
Town Clerk



APPROVED AS TO FORM AND LEGAL SUFFICIENCY:



Weiss Serota Helfman Cole & Bierman, P.L.
Town Attorney

ATTACHMENT E-1
Waterways Assistance Program FY2026
Applicant Checklist

Project Title:	Living Seawall Habitat Enhancement Project
Applicant:	Town of Surfside

This checklist and the other items listed below in items 1 through 11 constitute your application. The required information shall be submitted in the order listed.

Electronic copies (2 separate PDF files per instructions – PDF File 1: Items 1-8, PDF File 2: Items 9-11) shall be emailed (15mb maximum file size) to CKelley@aicw.org. Applications must be received by the deadline, no exceptions.

	<u>YES</u>	<u>NO</u>
1. District Commissioner Review (prior to March 4th) (NOTE: For District Commissioner initials ONLY!) (District Commissioner must initial the yes line on this checklist for the application to be deemed complete)	<u>TSC</u>	_____
2. Application Checklist Attachment E-1 (Form No. 25-10, 2 pages) (Form must be signed and dated)	<input checked="" type="radio"/>	<input type="radio"/>
3. Application and Evaluation Worksheet Attachment E-2 (Form No. 25-15) (First Page of Form Must be Signed)	<input checked="" type="radio"/>	<input type="radio"/>
4. Project Cost Estimate Attachment E-3 (Form No. 25-20, 1 page) (Must be on District form)	<input checked="" type="radio"/>	<input type="radio"/>
5. Project Timeline Attachment E-4 (Form No. 25-25, 1 page)	<input checked="" type="radio"/>	<input type="radio"/>
6. County/City Location Map	<input checked="" type="radio"/>	<input type="radio"/>
7. Project Boundary Map	<input checked="" type="radio"/>	<input type="radio"/>
8. Clear and Detailed Site Development Plan Map	<input checked="" type="radio"/>	<input type="radio"/>

Continued on Next Page

- | | <u>YES</u> | <u>NO</u> |
|--|----------------------------------|----------------------------------|
| 9. Official Resolution Form Attachment E-5 (Form No. 25-30, 2 pages)(Resolution must be on District Form and includes items 1-6) | <input checked="" type="radio"/> | <input type="radio"/> |
| 10. Attorney's Certification (Land Ownership) Attachment E-6 (Form No. 25-35, 1 page) | <input checked="" type="radio"/> | <input type="radio"/> |
| 11. Copies of all Required Permits: ACOE, DEP, WMD (Requirement of Construction & Dredging Projects) | <input type="radio"/> | <input checked="" type="radio"/> |

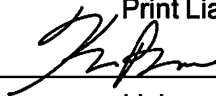
The undersigned, as applicant, acknowledges that Items 1 through 11 above constitutes a complete application and that this information is due in the District office no later than 4:30 PM, March 30, 2026. By May 18, 2026, my application must be deemed complete (except for permits) or it will be removed from any further consideration by the District. I also acknowledge that the information in Item 11 is due to the District no later than September 21, 2026. If the information in Item 11 is not submitted to the District office by September 21, 2026, I am aware that my application will be removed from any further funding consideration by the District.

Kristina Brown

Grants Administrator

Print Liaison Name

Title



3/27/2026

Liaison Signature

Date

FIND OFFICE USE ONLY

Date Received: _____

Local FIND Commissioner Review _____

All Required Supporting Documents: _____

Applicant Eligibility: _____

Project Eligibility _____ Available Score: _____

Compliance with Rule 66B-2 F.A.C.: _____

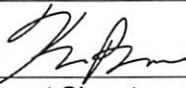
Eligibility of Project Cost: _____

ATTACHMENT E-2

Waterways Assistance Program FY2026

Application and Evaluation Worksheet

Local Sponsor: Town of Surfside		Department: Capital Improvement Projects	
Project Title: Living Seawall Habitat Enhancement Project		Use "Phase I" for Design Projects. Use "Phase II" for Construction if you received FIND funding for Phase I Work.	
Project Director: Andre Eugent		Email: aeugent@townofsurfsidefl.gov	
Grant Liaison: Kristina Brown (If Different from Director)		Email: progrant@townofsurfsidefl.gov	
Mailing Address: 9293 Harding Avenue			
City: Surfside		Zip Code: 33154	
Phone Number: 954-860-2699			
Project Address: 9572 Bay Drive, Surfside, FL 33154			
Requested FIND Funding:	\$70,000.00		
Eligible Matching Funds Amount:	\$110,000.00		
Match Percentage:	50%		
Total Project Costs:	\$180,000.00		
Applicant's Funding Source:	Local Funds		



Applicant Signature Certifying the Above Information

Kristina Brown

Print Name

Project Summary: Maximum 200 Words

The Town of Surfside proposes the Living Seawall Habitat Enhancement Project at 96th Street Park along the Intracoastal Waterway. The project consists of installing 3D-printed living seawall tiles onto an existing seawall to enhance environmental conditions, improve water quality, and increase shoreline functionality. The proposed system utilizes custom-designed living seawall tiles manufactured using advanced 3D-printing technology to create a biologically active surface that supports native marine organisms, including oysters, corals, and other filter-feeding species. These tiles provide hard substrate habitat that promotes the recruitment of reef-associated species, contributing to improved water quality and increased biodiversity. By converting a traditional vertical seawall into a living shoreline interface, the project enhances ecological performance while maintaining the integrity of the existing structure. While not a structural stabilization system, the installation introduces physical complexity along the seawall face, helping reduce wave reflection and localized turbulence and improving nearshore conditions. Although upland access is limited to Town residents, the project frontage is adjacent to the Intracoastal Waterway, providing a benefit to all waterway users.

1. Priority Category:

- a) Choose one priority category of this project from the application instructions based upon the predominant cost of the project elements.

16.Environmental restoration, enhancement or mitigation projects with public access component

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

The primary purpose of the project is to enhance environmental conditions by creating hard substrate habitat that supports marine organisms, including oysters, corals, and other filter-feeding species, which contribute to improved water quality and increased biodiversity. While the project does not construct new access facilities, it enhances the functionality and usability of an existing shoreline that directly interfaces with the Intracoastal Waterway. The project provides both ecological enhancement and a measurable public benefit through improved shoreline conditions and water quality, consistent with this priority category.

- c) Explain how the project relates to the District's Waterways and the mission of the Florida Inland Navigation District.

The project is located directly along the Intracoastal Waterway and enhances the environmental performance and usability of a shoreline that interfaces with this publicly navigable waterway. By improving water quality, supporting marine habitat, and enhancing nearshore conditions, the project contributes to the overall functionality and sustainability of the waterway. The project supports the mission of the Florida Inland Navigation District by providing a direct public benefit to waterway users, including boaters and paddlers, through improved environmental conditions and shoreline interface along an active segment of the District's waterways.

2. Ownership of Project Site:

Own Leased Other

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

The project site is owned by the Town of Surfside.

3. Has the District previously provided assistance funding to this project or site?

No

4. If yes, please list the project name, number and funding amount received:

N/A

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

The project site is located within 96th Street Park, a waterfront park maintained by the Town of Surfside for use by its residents. The site provides passive shoreline access, including pedestrian circulation and visual access to the Intracoastal Waterway. While no formal boating facilities such as ramps, slips, or trailer parking are present at the site, the shoreline directly interfaces with the Intracoastal Waterway, which is actively used by recreational and transient vessels, as well as paddlecraft operating within this segment of the waterway.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project, and what is the approximate number of registered vessels estimated to use the constructed project?

The project does not include the construction of new ramps, slips, or parking facilities. However, it enhances the functionality, safety, and usability of an existing shoreline that directly interfaces with the Intracoastal Waterway. The improvements support safer and more effective nearshore interaction for paddlecraft and small vessels operating adjacent to the site. Due to the project's location along an active segment of the Intracoastal Waterway, the improvements will benefit a wide range of registered and transient vessels utilizing this corridor.

7. Public Usage & Benefits:

- a) What public access or navigational benefit to the District's waterways will result from this project? How will this project enhance public access to the District's waterways, and what specific navigational benefits will it provide to the community?

The project enhances a shoreline directly adjacent to the Intracoastal Waterway by improving environmental conditions and nearshore usability for waterway users. The installation of living seawall tiles creates a more functional and stable interface between land and water, improving conditions for paddlecraft and small vessels operating near the shoreline. The system supports the recruitment of marine organisms, including filter feeders, which contribute to improved water quality and clearer nearshore conditions. In addition, the installation introduces physical complexity along the seawall face, which helps reduce wave reflection and localized turbulence compared to a smooth vertical surface. Although upland access is limited to Town residents, the project provides a direct benefit to the general public through its location along the Intracoastal Waterway, which is fully accessible to all navigational users.

- b) What is the current demand for public access or navigation facilities in the area, and how does this project address unmet needs or improve upon existing facilities?

The Town of Surfside has limited opportunities for enhanced shoreline interaction along the Intracoastal Waterway, and existing conditions at the project site include a hardened seawall with limited ecological function. The project addresses these unmet needs by enhancing an existing shoreline to improve environmental performance, water quality, and nearshore conditions. By upgrading an otherwise inactive seawall into a living system, the project improves both ecological value and user experience along this segment of the waterway.

- c) How does the project fit within regional or local maritime management plans, public access initiatives, or comprehensive plans, and how does it contribute to broader public usage goals?

The project is consistent with the Town's resiliency and environmental initiatives focused on improving waterfront conditions, enhancing water quality, and maximizing the benefit of its Intracoastal Waterway frontage. The project aligns with broader regional goals related to habitat enhancement, sustainable shoreline management, and waterway stewardship, while supporting the District's mission to enhance the usability and public value of its waterways.

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

The Town has not implemented and does not plan to implement any additional boating access restrictions, speed zones, or commercial limitations specific to this project site beyond standard regulatory requirements. The area will remain open to general navigation and recreational use.

8. Fees & Maintenance:

Are there any fees associated with the use of this facility? Yes No

If answered Yes:

a) List or provide a fee schedule.

N/A

b) Provide a listing of the fees charged by similar facilities, public and private, in the project area.

N/A

c) Pursuant to Rule 66B-2.004(11), if there are any fees, please explain how these fees are tracked and what they are used for.

N/A

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

The Town of Surfside will be responsible for the ongoing maintenance of the project following completion. The living seawall tiles are designed as durable, marine-grade elements intended for long-term performance in a coastal environment, requiring minimal routine maintenance. Maintenance activities will consist primarily of periodic visual inspections conducted by Town staff to ensure the integrity of the installation and to identify any necessary repairs. Any required maintenance or replacement will be addressed through the Town's existing Public Works operations and funded through the Town's general operating and capital improvement budgets.

9. Please list all Environmental Resource Permits required for this project:

Agency	Y/N	Date Applied	Date Received
Water Management District	N	N/A	N/A
Dept of Environmental Protection	Y	TBD	TBD
USACE	Y	TBD	TBD

10. a) Construction

This question is to be answered only if this application is for a **Construction** project.

In the summary box at the bottom of this page, please address each of the bullet points listed below to maximize your score for this competitive grant application.

PERMITTING:

- Have all required environmental permits been applied for? (USACE, DEP and WMD) If permits are NOT required, explain why not.
- Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.
- For Phase I design, permitting, and engineering projects, please provide a general cost estimate for the future Phase II construction work.

CONSTRUCTION TECHNIQUES:

- What is the design life of the project and proposed materials?
- What considerations, if any, have been made for storm surge and hurricane impacts in the design and life span of this project?

Construction Project: Maximum 200 Words (Address all bullet points above)

The project will require coordination with applicable permitting agencies, including FDEP and, if applicable, USACE and the County regulatory authorities. Based on the nature of the work, the project is expected to qualify for a relatively straightforward permitting path because it consists of habitat enhancement improvements affixed to an existing seawall rather than major new shoreline construction. No significant impediments to permitting have been identified at this time.

The Town initiated limited pre-agreement activities associated with the long lead custom habitat components through a Commission-approved sole source procurement with Kind Designs in March 2026. These pre-agreement costs are necessary because the 3D-printed sea tiles must be custom engineered, designed, and manufactured specifically for this location, which requires substantial lead time prior to installation. The intent is for Kind Designs to complete engineering, tile design, fabrication, and permit support during Spring and Summer 2026 so that installation can proceed if grant funding is awarded. The Town intends to initiate procurement for a contractor in Summer 2026 and award by Fall 2026.

The materials are durable marine-grade habitat enhancement elements designed for long-term performance. The tiles will be affixed to the seawall using an appropriate marine bonding agent designed for coastal conditions.

10. b) Environmental Education

This question is to be answered **only** if this application is for an **Environmental Education** project.

In the summary box at the bottom of this page, please address each of the bullet points listed below to maximize your score for this competitive grant application.

DILIGENCE:

- Who is the primary target audience or user group for the project and how were they identified?
- How have the needs of the target audience been evaluated and met?
- How many people will the program serve on an annual basis? What will be the measurable results?
- Describe the materials and project deliverables to be produced by this project.
- Describe the plan for dissemination of the materials produced through the project,

EXPERIENCE & QUALIFICATIONS:

- Please briefly describe the qualifications of the program administrator(s), including prior experience, and areas of expertise.
- What previous projects of this nature have been completed by the program manager?

PROJECT GOALS:

- What are the long-term goals of this project as it relates to the ICW?
- What is the expected duration/frequency of this program?

Environmental Education Project: Maximum 400 Words (Address all bullet points above)

N/A

10. c) Law Enforcement and Boating Safety Projects

This question is to be answered **only** if this application is for **Law Enforcement and Boating Safety** projects.

In the summary box at the bottom of this page, please address each of the bullet points listed below to maximize your score for this competitive grant application.

WATERWAY RELATIONSHIP:

- Describe how the project will enhance boating access, safety, or enforcement efforts on the waterway, and address the identified needs or benefits for public safety.

EXPERIENCE & QUALIFICATIONS:

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

DELIVERABLES:

- Describe the project deliverables and why this particular law enforcement vessel, equipment or facility improvements was selected or are necessary.

AREA OF COVERAGE

- What is the range or area of coverage for this project?

Law Enforcement and Boating Safety Project: Maximum 200 Words (Address all bullet points above)

N/A

10. d) Inlet or Public Navigation

This question is to be answered **only** if this application is for an **Inlet or Public Navigation** dredging project.

In the summary box at the bottom of this page, please address each of the bullet points listed below to maximize your score for this competitive grant application.

WATERWAY RELATIONSHIP:

- Will the project inhibit sediment inflow into, or reduce the dredging frequency of the Intracoastal Waterway channel?
- How does the project directly benefit the Intracoastal Waterway channel?
- Identify any long-term sedimentation problems and briefly discuss any methods or activities that will address these issues.

PUBLIC ACCESS

- Describe in brief detail how the project will enhance public access to or from the Intracoastal Waterway? List the upstream publicly accessible facilities with improved access because of this project.

BENEFICIAL PROJECT ELEMENTS:

- Describe any economic benefits to be realized by implementing this project.

PROJECT MAINTENANCE:

- When was this area last dredged? What is the expected frequency of future dredging? Where will the dredged material be relocated to?

Inlet or Public Navigation Project: Maximum 200 Words (Address all bullet points above)

N/A

10. e) Beach Renourishment

This question is to be answered only if this application is for a **Beach Renourishment** project.

In the summary box at the bottom of this page, please address each of the bullet points listed below to maximize your score for this competitive grant application.

WATERWAY RELATIONSHIP:

- Describe how the District and other navigation interests will benefit from the implementation of this project.

VIABILITY:

- Is the project site defined as critically eroded area by a statewide beach management plan?
- Cite the quantifiable rate of erosion in this area.
- Is the project an important component of an overall beach management effort?

PUBLIC BENEFITS:

- Are there quantifiable public benefits demonstrated by the project?
- Is there adequate public access to the project area? Please describe location and amount.

PROJECT FUNDING:

- Describe any assistance funding from other sources.
- Clarify the availability of long-term funding for this project.

Beach Renourishment Project: Maximum 200 Words (Address all bullet points above)

N/A

11. Disaster Relief

This question is to be answered **only** if this application is for repairs/construction of waterways facilities damaged by a declared natural disaster.

In the summary box at the bottom of this page, please address each of the bullet points listed below to maximize your score for this competitive grant application.

STORM DAMAGE EVALUATION:

- List the State of Emergency declaration order or proclamation & the name and date of the storm/event. [Pursuant to State of emergency declared under Chapter 252, F.S.]
- Describe the extent of the damage that was caused due to the storm/event and any Construction/Resiliency Improvements planned for the project.
- What is the current status of your FEMA paperwork for the project?

PROJECT FUNDING:

- Describe the other funding mechanisms and financial assistance that will be applied to defray the reconstruction costs or damage repair

Disaster Relief Project: Maximum 200 Words (Address all bullet points above)

N/A

ATTACHMENT E-3

Waterway Assistance Program FY2026

PROJECT COST ESTIMATE

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

Project Title:	Living Seawall Habitat Enhancement Project
Applicant:	Town of Surfside

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one.)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Pre-Agreement Kind Designs Production of Living Sea Tiles	\$ 80,000	\$ 60,000	\$ 20,000
Construction - Installation of Living Sea Tiles	\$ 100,000	\$ 50,000	\$ 50,000

**TOTALS =	\$ 180,000	\$ 110,000	\$ 70,000
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ATTACHMENT E-4
Waterways Assistance Program FY2026
PROJECT TIMELINE

Project Title:	Living Seawall Habitat Enhancement Project
Applicant:	Town of Surfside

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction. NOTE: All funded activities must begin AFTER October 1st or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses.

April 2026 – September 2026 – Final design, permitting, and fabrication of 3D-printed living seawall tiles by Kind Designs (Pre-agreement costs are limited to fabrication activities necessary to meet project schedule constraints and are consistent with Rule 66B-2.005(3), F.A.C)

August 2026 – December 2026 – Procurement of installation contractor, including bidding, evaluation, and award

December 2026 - January 2027 – Installation of living seawall tiles and project completion

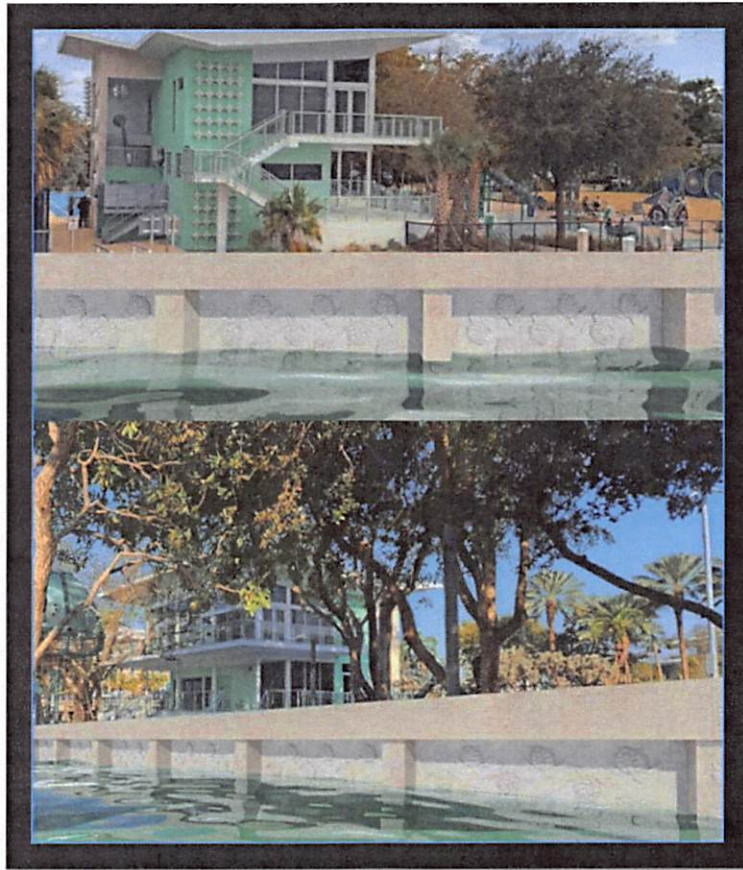
Town of Surfside Location Map



Project Boundary Map



Clear and Detailed Site Development Plan Map



Existing Site Conditions



*Photo on the right shows the riprap covered in toxic orange sponge, *Cliona Delitrix*, destructive to coral