

**ATTACHMENT E-2**

**WATERWAYS ASSISTANCE PROGRAM FY 2020  
PROJECT APPLICATION  
APPLICANT INFORMATION – PROJECT SUMMARY**

APPLICANT INFORMATION			
<b>Applicant:</b> City of Miami			
<b>Department:</b> Office of Capital Improvements			
<b>Project Title:</b> Sewell Park - Phase 1 – Seawall /Shoreline Stabilization and Baywalk			
<b>Project Director:</b> Carlos Lozano		<b>Title:</b>	Senior Project Manager
<b>Project Liaison:</b> <i>(if different from Project)</i>	Lillian Blondet	<b>Title:</b>	Director, Grants Administration
<b>Mailing Address:</b>	444 SW 2nd Avenue, 5th Floor		
<b>City:</b> Miami	<b>Zip Code:</b>	33130	
<b>Email Address:</b> lblondet@miamigov.com	<b>Phone #:</b>	305-416-1536	
<b>Project Address:</b>	1815 NW S River Drive, Miami, FL 33125		

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

DATE: 3/26/2020

SIGNATURE

**PROJECT NARRATIVE** (Please summarize the project in space provided below in 2 paragraphs or less.)

The City of Miami is requesting funding for Phase 1, design and permitting of 1400 linear feet of new seawall/living shoreline, replacement and addition of riprap and 900 linear feet of baywalk. A seawall/living shoreline does not currently exist at the project site. The riprap that exists needs replacement, and additional riprap needs to be incorporated into the project. In order to address the low-lying project site, shoreline stabilization, drainage and high-tide resiliency elements will be incorporated. Currently, there is no baywalk in the project site, so incorporating a baywalk with the seawall/shoreline stabilization will establish pedestrian connectivity.

The City of Miami is requesting \$408,595 in grant funding (50% of the total eligible project costs) for this project. The City is committed to providing 50% match from the Office of Capital Improvement.

**ATTACHMENT E-3 - PROJECT INFORMATION 2020**

<b>Applicant:</b> City of Miami		<b>Project Title:</b> Sewell Park-Phase 1– Seawall /Shoreline Stabilization and Baywalk	
<b>Total Project Cost:</b> \$1,127,537	<b>FIND Funding Requested:</b> \$408,595	<b>% of Total Cost:</b> 50% (eligible)	
<b>Amount and Source of Applicant’s Matching Funds:</b>	The cost of the project is \$1,127,537. There are \$817,190 in eligible costs. The total project costs include \$310,347 in ineligible administrative costs. The City of Miami is allocating matching funds in the amount of \$408,595 or 50% of the total eligible project costs. These matching funds are currently available in the Office of Capital Improvement (OCI).		

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

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

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

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

Sewell Park Kayak Launch – Phase 1 in 2006 and Sewell Park Kayak Launch – Phase 2 in 2007.

**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):**

The project site currently offers no public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk, and other facilities to facilitate public access. Only a small kayak launch ramp is available.

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

This project will add 1 seawall/shoreline stabilization and 1 baywalk. The design will also facilitate access to the kayak launch.

**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	N/A	N/A
DEP	Yes	N/A	N/A
ACOE	Yes	N/A	N/A

**ATTACHMENT E-4**

**WATERWAYS ASSISTANCE PROGRAM  
APPLICATION AND EVALUATION WORKSHEET**

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>	Sewell Park - Phase 1 – Seawall /Shoreline Stabilization and Baywalk
<b>Applicant:</b>	City of Miami

**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.)

This application will address the District Priority #12: Public waterfront parks and boardwalks and associated improvements.

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

The proposed project will allow the City of Miami to add a new seawall/shoreline stabilization, add a new baywalk, replace and add new riprap, and high tide resiliency for access to the ICW.

*(For reviewer only)*  
 Max. Available Score for application         45    

*Question 1. Range of Score (1 to   3   points)*

**2) WATERWAY RELATIONSHIP:**

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

This project supports the mission of the Navigational District by providing increased access to the Miami River and the ICW and recreation for navigating the ICW. The project aligns directly with its mission to provide for local governmental waterway improvement projects.

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

The project, located in a waterfront park, will provide improved public access into Biscayne Bay and the nearby ICW. It will also promote the use of the waters that lead to the ICW.

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

---

**3) PUBLIC USAGE & BENEFITS:**

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

The project area is municipally owned and open to the public at no cost. This project will provide proper access to a popular and steadily used resource in the City. The estimated amount of total public use is 30,000 people per year.

- b) Discuss the regional and local public benefits that will be provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

The project will provide easy access to Biscayne Bay and the ICW. Residents from other counties of the District will also benefit from the project. The park is not restricted to local residents and welcomes all visitors.

- c) Are there any restrictions placed on commercial access or use of this site?**

There are no restrictions placed on commercial access or use of this site.

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

---

---

**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 anticipated timeline to complete Phase 1 design and permitting is 24 months.

- Months 0-6 will include contract execution, procurement, bid and award process.
- Months 7-24 will include survey, design and permit services.

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

There are no unique aspects of the project that could influence the timeline.

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

---

**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 cost of the project is \$1,127,537. The City of Miami is allocating matching funds in the amount of \$408,595 (eligible costs) plus OCI Administrative costs of \$310,347 (ineligible costs) to be provided by OCI.

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

There are no anticipated increased costs.

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

The City of Miami will be managing the contracted agency to ensure that permits are completed as quickly as possible.

- 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 are no fees associated with this facility at this time.

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

---

**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?**

The project fills the community's need for public access to Biscayne Bay and the ICW and maximum use of the waterfront. The 2007 Parks and Open Spaces Master Plan contains a recommendation to provide residents with more access to water. Through the seawall/living shoreline and baywalk this project responds to this recommendation.

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

The City of Miami, through its Parks and Recreation Department is dedicated to managing and operating the seawall/shoreline stabilization and baywalk upon completion.

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

The seawall/shoreline stabilization and baywalk in this project require minimal maintenance and have a life expectancy that will allow the public to benefit from the facilities for years.

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

Replacement and addition of riprap and the addition of a new seawall/shoreline stabilization will provide upland and drainage improvements, will stop runoff into the waterway and provide high tide resiliency. The addition of the new seawall/shoreline stabilization and baywalk will eliminate current soil runoff, destabilization and erosion material into the Miami River and Biscayne Bay.

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

---

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.

---

**7) PERMITTING:**

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

Permits have not been applied for. The City of Miami will be meeting with, Florida Department of Environmental Protection, Environment and Regulatory Affairs (DPERA) and Corps of Engineers regarding the project and required permits to be obtained during this phase of the project.

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

Initial tasks include surveying and field monitoring, engineering analysis, regulatory compliance and final engineering design. Phase II is estimated to cost \$6,904,370 for the construction of the facilities, pending the results of initial tasks completed by the selected marine engineering firm.

- 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)*

---

**8) PROJECT DESIGN:**

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

This is a Phase I design and permitting project. A preliminary design and permitting will begin once a consultant has been chosen through the City's procurement process.

- 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?**

The addition of a new seawall/shoreline stabilization with replaced/additional riprap will result in optimal structural resistance against any hydrostatic pressure and the ability to withstand natural disasters. The proposed design will improve current drainage issues at the low-lying project site, and will address high-tide resiliency. Public usage of the waterfront will increase and water quality will improve by decreasing the debris materials that a low-lying area without seawall reinforcement can generate.

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

---

**9) CONSTRUCTION TECHNIQUES:**

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

During Phase I, construction will not take place. In Phase II, standard construction techniques will involve materials that are well suited to South Florida's weather conditions.

- b) How are the utilized construction techniques appropriate for the project site?**

Standard construction techniques will be utilized as approved by the appropriate regulatory agencies, during Phase II of the project. Design, materials and construction techniques will be consistent with strengthening structural capacity and ensuring the maximum life expectancy possible.

- c) Identify any unusual construction techniques that may increase or decrease the costs of the project.**

No unusual construction techniques are anticipated.

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

---



**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?**

This request is for Phase 1 design and permitting. Design, materials and construction techniques will be consistent with strengthening to structural capacity and ensuring the maximum life expectancy possible.

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

None are anticipated.

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

---

**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.)

Form No. 91-25A  
Rule 66B-2.005 (Effective Date: 3-21-01, revised 4-24-06, 1-27-14)

**ATTACHMENT E-5**

**FLORIDA INLAND NAVIGATION DISTRICT  
ASSISTANCE PROGRAM 2020**

**PROJECT COST ESTIMATE**

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

<b>Project Title:</b>	Sewell Park – Phase 1 – Seawall/Shoreline Stabilization and Baywalk
<b>Applicant:</b>	City of Miami

<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> <i>(To the nearest \$50)</i>	<b>FIND Cost</b> <i>(To the nearest \$50)</i>
Design	\$759,000	\$379,500	\$379,500
Testing and surveying	\$50,600	\$25,300	\$25,300
Permitting	\$7,590	\$3,795	\$3,795
Ineligible Administrative Fees	\$310,347	\$310,347	\$0

<b>**TOTALS =</b>	<b>\$1,127,537</b>	<b>\$718,942</b>	<b>\$408,595</b>
-------------------	--------------------	------------------	------------------

**ATTACHMENT E-6  
WATERWAYS ASSISTANCE PROGRAM 2020**

**PROJECT TIMELINE**

<b>Project Title:</b>	Sewell Park – Phase 1 – Seawall /Shoreline Stabilization and Baywalk
<b>Applicant:</b>	City of Miami

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)

---

October 2020-March 2021	Bid Process	6 months	These months will include negotiation with contractors, award procedures and contract execution.
April 2021-September 2022	Design & Permitting	18 months	Design services and permitting applications for Phase 1 will be completed at this time.

**Waterways Assistance Program  
Application Review  
for Compliance with 66B-2 F.A.C**

**Applicant:** City of Miami

**Application:** Sewell Park Seawall Shoreline Stabilization & Baywalk, Phase I

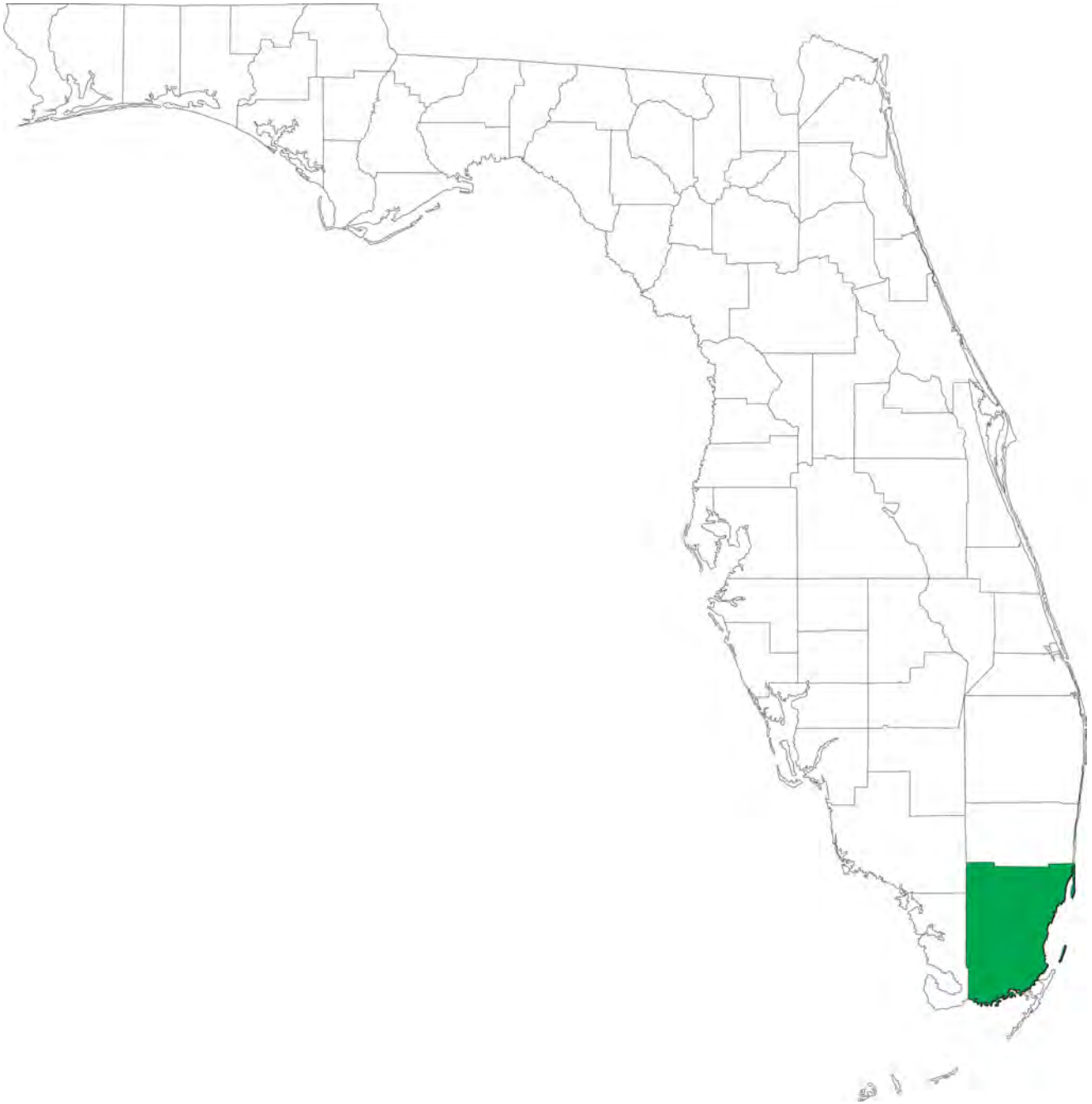
**Review Comments:**

**Technical Sufficiency Items:**

- 1. Pursuant to Rule 66B-2.006(3), please submit a fully executed Resolution Form #90-21 (Attachment E-7).**

Please find the attached E-7.

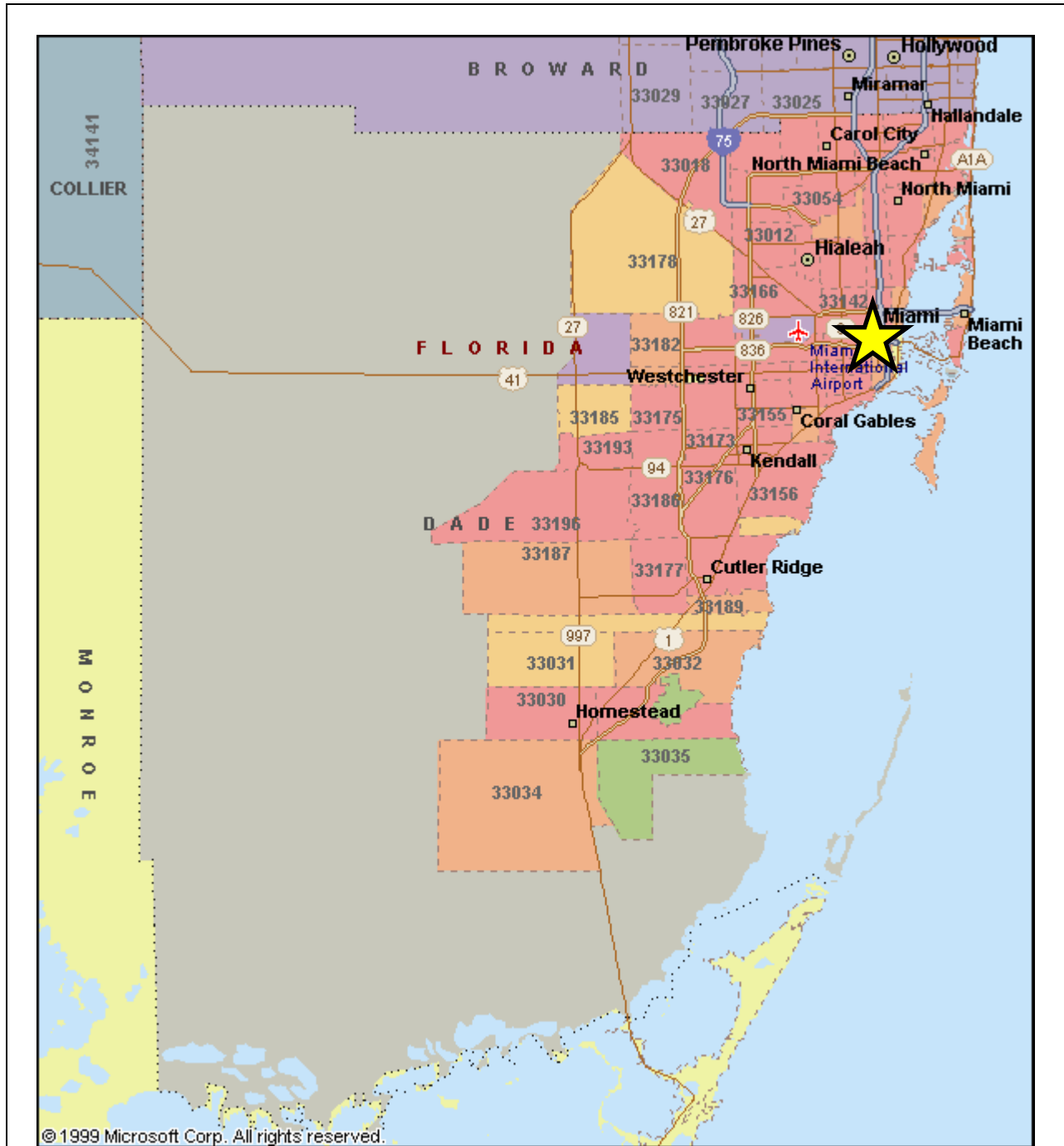
# 10. County Location Map



Locator Map of Miami-Dade County, 2008

Florida Center for Instructional Technology, (Tampa, FL: Florida Center for Instructional Technology, 2008)  
Downloaded from *Maps ETC*, on the web at <http://etc.usf.edu/maps> [map #f8603]

10. City Location Map



*Waterways Assistance Program*

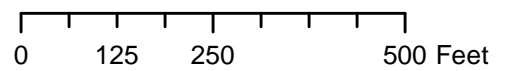
City of Miami



11. Project Boundary Map

City of Miami  
Application:

Sewell Park - Phase 1 -  
Seawall/Shoreline Stabilization and Baywalk





12. Site Development Map

City of Miami  
Application:

Sewell Park - Phase 1 -  
Seawall/Shoreline Stabilization and Baywalk

