

# Memorandum

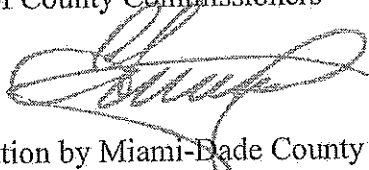
MIAMI-DADE  
COUNTY

Agenda Item No. 5(K)

**Date:** April 8, 2014

**To:** Honorable Chairwoman Rebeca Sosa  
and Members, Board of County Commissioners

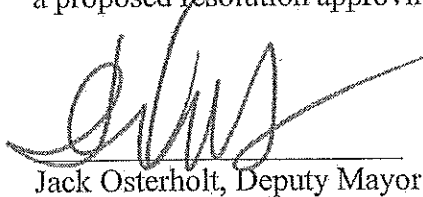
**From:** Carlos A. Gimenez  
Mayor



**Subject:** Class I Permit Application by Miami-Dade County to Install a Fixed Bridge Spanning the C-5 Canal between the Miami Police Benevolent Association Park and Fern Isle Park at 2201 NW 11 Street in the City of Miami

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Attached, please find for your consideration an application by Miami-Dade County for a Class I permit to install a fixed bridge. Also attached is the recommendation of the Department of Regulatory and Economic Resources, Division of Environmental Resources Management, and a proposed resolution approving the issuance of the Class I permit.



Jack Osterholt, Deputy Mayor

# Memorandum



**Date:** March 21, 2014

**To:** Carlos A. Gimenez  
Mayor

**From:** Jack Osterholt, Deputy Mayor / Director  
Department of Regulatory and Economic Resources

**Subject:** Class I Permit Application by Miami-Dade County to Install a Fixed Bridge Spanning the C-5 Canal between the Miami Police Benevolent Association Park and Fern Isle Park at 2201 NW 11 Street in the City of Miami

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## **Recommendation**

I have reviewed the attached application for a Class I permit by Miami-Dade County. Based upon the applicable evaluation factors set forth in Section 24-48.3 of the Code of Miami-Dade County (Code), I recommend that the Board approve the issuance of a Class I permit for the reasons set forth below.

## **Scope**

The proposed bridge will span the C-5 Canal between the Miami Police Benevolent Association Park and Fern Isle Park at 2201 NW 11 Street, Miami, in Commission District 5 (Commissioner Barreiro).

## **Fiscal Impact/Funding Source**

This resolution is limited to consideration of a Class I permit application as required by Chapter 24 of the Code, the County's Environmental Protection Ordinance, and does not include authorization for expenditures related to construction of the subject project.

## **Track Record/Monitor**

The Coastal and Wetlands Resources Section Manager, Lisa Spadafina, in the Department of Regulatory and Economic Resources, Division of Environmental Resources Management (RER-DEEM), will be responsible for monitoring the proposed permit.

## **Background**

The subject Class I permit application requests authorization to install a fixed bridge over the C-5 Canal, also known as the Comfort Canal, to provide pedestrian and bicycle access between two public parks located at 2201 NW 11 Street, in the City of Miami. The proposed project is required to be reviewed and approved by the Board at a public hearing because the scope of work is specifically referenced in Section 24-48.2 of the Code as work that shall be processed as a standard form application. Therefore, a standard form application including a public hearing is required.

The Miami-Dade Public Works and Waste Management Department (PWWMD) will be replacing the swing bridge that currently spans the Tamiami Canal in the vicinity of NW 30 Avenue and NW South River Drive. The swing bridge is one of the oldest bridges in the Miami River System, and is eligible for listing in the National Register of Historic Places. In order to protect and preserve the historic bridge as a cultural resource, PWWMD is proposing to relocate the bridge to span the C-5 Canal west of NW 22 Avenue between the Miami Police Benevolent Association Park and Fern Isle Park. The bridge will provide pedestrian and bicycle access between the two parks, and

informational signage will be posted to educate the public on the history of the bridge. The bridge measures 14 feet wide by 93.5 feet long, and will be installed at an elevation that will provide for the continued navigational access for small vessels such as canoes and kayaks that currently exists.

Pursuant to Section 24-48.4 of the Code, potential adverse environmental impacts and cumulative adverse environmental impacts for a proposed project must be avoided and minimized. The existing shoreline does not provide significant habitat, as no wetland vegetation or submerged aquatic vegetation was documented in the footprint of the proposed work. The only structures associated with the bridge that will be installed in the water will be two support pilings. These pilings will be located close to the shoreline just below the mean high water line. Adverse environmental impacts are not expected as a result of this project. Therefore, no mitigation is required for the installation of the pedestrian bridge.

The proposed project is located within an area identified by the Miami-Dade County Manatee Protection Plan as essential manatee habitat for the West Indian Manatee. However, the proposed work will be performed from the uplands, thus reducing potential manatee impacts. In addition, the Class I permit will require that all standard manatee construction permit conditions be followed during all construction operations.

The project has been designed in accordance with all relevant Miami-Dade County coastal construction criteria and is consistent with all other Miami-Dade County coastal protection provisions. Please find attached a Project Report by RER-DERM which sets forth the reasons the project is recommended for approval pursuant to the applicable evaluation factors set forth in Section 24-48.3 of the Code. The conditions, limitations, and restrictions set forth in the Project Report attached hereto are incorporated herein by references hereto.

#### **Attachments**

- Attachment A: Class I Permit Application
- Attachment B: Owner/Agent Letter, Engineer Certification Letter, and Project Sketches
- Attachment C: Names and Addresses of Owners of All Riparian or Wetland Property within Three Hundred (300) Feet of the Proposed Work
- Attachment D: Project Locations Exhibit
- Attachment E: RER-DERM Project Report



# MEMORANDUM

(Revised)

**TO:** Honorable Chairwoman Rebeca Sosa  
and Members, Board of County Commissioners

**DATE:** April 8, 2014

**FROM:**   
R. A. Cuevas, Jr.  
County Attorney

**SUBJECT:** Agenda Item No. 5(K)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☒ No committee review
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's \_\_\_\_, 3/5's \_\_\_\_, unanimous \_\_\_\_ ) to approve
- ☐ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved \_\_\_\_\_ Mayor  
Veto \_\_\_\_\_  
Override \_\_\_\_\_

Agenda Item No. 5(K)  
4-8-14

RESOLUTION NO. \_\_\_\_\_

RESOLUTION APPROVING A CLASS I PERMIT APPLICATION BY MIAMI-DADE COUNTY TO INSTALL A FIXED BRIDGE SPANNING THE C-5 CANAL BETWEEN THE MIAMI POLICE BENEVOLENT ASSOCIATION PARK AND FERN ISLE PARK AT 2201 NW 11 STREET IN THE CITY OF MIAMI, FLORIDA

**WHEREAS**, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA**, that this Board having considered all the applicable factors contained within Section 24-48.3 of the Code of Miami-Dade County, hereby approves the application by Miami-Dade County for a Class I permit to install a fixed bridge spanning the C-5 Canal between the Miami Police Benevolent Association Park and Fern Isle Park at 2201 NW 11 Street in the City of Miami, subject to the conditions set forth in the memorandum from the Miami-Dade County Department of Regulatory and Economic Resources, a copy of which is attached hereto and made a part hereof. The issuance of this approval does not relieve the applicant from obtaining all applicable Federal, State, and local permits.

The foregoing resolution was offered by Commissioner \_\_\_\_\_, who moved its adoption. The motion was seconded by Commissioner \_\_\_\_\_ and upon being put to a vote, the vote was as follows:

Rebeca Sosa, Chairwoman  
Lynda Bell, Vice Chair

Bruno A. Barreiro  
Jose "Pepe" Diaz  
Sally A. Heyman  
Jean Monestime  
Sen. Javier D. Souto  
Juan C. Zapata

Esteban L. Bovo, Jr.  
Audrey M. Edmonson  
Barbara J. Jordan  
Dennis C. Moss  
Xavier L. Suarez

The Chairperson thereupon declared the resolution duly passed and adopted this 8<sup>th</sup> day of April, 2014. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA  
BY ITS BOARD OF  
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: \_\_\_\_\_  
Deputy Clerk

Approved by County Attorney as  
to form and legal sufficiency.



Abbie Schwaderer-Raurell

**Attachment A**

**Class I Permit Application**



# Class I Permit Application

## FOR DEPARTMENTAL USE ONLY

Date Received:

Application Number: CLI-2013-0390

Application must be filled out in its entirety. Please indicate N/A for non-applicable fields.

### 1. Applicant Information:

Name: Miami-Dade County

Address: 111 NW 1<sup>st</sup> Street

Miami, FL Zip Code: 33128

Phone #: (305) 375-2130 Fax #: (305) 679-7738

\* This should be the applicant's information for contact purposes.

### 2. Applicant's Authorized Permit Agent:

Agent is allowed to process the application, furnish supplemental information relating to the application and bind the applicant to all requirements of the application.

Name: Hardesty & Hanover, LLP

Address: 1000 Sawgrass Corporate Parkway, Suite 544

Sunrise, Florida---- Zip Code: 33323

Phone #: (954) 835-9119 Fax #: (954) 835-9130

Email: jlow@hardesty-hanover.com

### 3. Location where proposed activity exists or will occur (latitude and longitude are only necessary for properties without address or folio #):

Folio #(s): 01-3134-076-0020 & 01-3134-088-0010 Latitude: 25°47'04.0"N Longitude: 80°13'59.0"W

Street Address: 2300 NW 14<sup>th</sup> Street & 2201 NW 11<sup>th</sup> Street Section: 34 Township: 53S Range: 41E

In City or Town: Miami Near City or Town: \_\_\_\_\_

Name of waterway at location of the activity: C-5 (Comfort) Canal

### 4. Describe the proposed activity (check all that apply):

- Seawall
- New/Replacement Seawall
- Seawall Cap
- Batter Piles
- King Piles
- Footer/Toe Wall
- Riprap
- Dock(s)
- Pier(s)
- Viewing Platform
- Boatlift
- Mooring Piles
- Fender Piles
- Davits
- Dredging
- Maintenance
- New
- Filling
- Mangrove Trimming
- Mangrove Removal

X Other: Installation of a bridge

Estimated project cost = \$ 628,616.11

Are you seeking an after-the-fact approval (ATF)? ☐ Yes ☒ No If "Yes", describe the ATF work: \_\_\_\_\_

### 5. Proposed Use (check all that apply):

- Single Family
- Multi-Family
- Private
- X Public
- Commercial
- Industrial
- Utility

### 6. If the proposed work relates to the mooring of vessels provide the following information (please also indicate if the applicant does not have a vessel):

Proposed Vessel Type (s): N/A

Vessel Make/Model (If known): \_\_\_\_\_

Draft (s)(range in inches.): \_\_\_\_\_ Length (s)(range in feet.): \_\_\_\_\_

Total Number of Slips: \_\_\_\_\_

### 7. List all permits or certifications that have been applied for or obtained for the above referenced work:

Issuing Agency	Type of Approval	Identification Number	Application Date	Approval Date
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**8. Contractor Information (If known):**

Name: To Be Determined License # (County/State): \_\_\_\_\_

Address: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_ E-mail: \_\_\_\_\_

**9. IMPORTANT NOTICE TO APPLICANTS:** The written consent of the property owner is required for all applications to be considered complete. Your application WILL NOT BE PROCESSED unless the Applicant and Owner Consent portion of the application is completed below. You have the obligation to apprise the Department of any changes to information provided in this application.

Application is hereby made for a Miami-Dade County Class I permit to authorize the activities described herein. I agree to or affirm the following:

- I possess the authority to authorize the proposed activities at the subject property, and
- I am familiar with the information, data and plans contained in this application, and
- To the best of my knowledge and belief, the information, data and plans submitted are true, complete and accurate, and
- I will provide any additional information, evidence or data necessary to provide reasonable assurance that the proposed project will comply with the applicable State and County water quality standards both during construction and after the project is completed, and
- I am authorizing the permit agent listed in Section 2 of this application to process the application, furnish supplemental information relating to this application and bind the applicant to all requirements of this application, and
- I agree to provide access and allow entry to the project site to inspectors and authorized representatives of Miami-Dade County for the purpose of making the preliminary analyses of the site and to monitor permitted activities and adherence to all permit conditions.

**A. IF APPLICANT IS AN INDIVIDUAL**

Signature of Applicant \_\_\_\_\_ Print Applicant's Name \_\_\_\_\_ Date \_\_\_\_\_

**B. IF APPLICANT IS OTHER THAN AN INDIVIDUAL OR NATURAL PERSON**

(Examples: Corporation, Partnership, Trust, LLC, LLP, etc.)

Miami Dade County \_\_\_\_\_ Local Government \_\_\_\_\_ Florida \_\_\_\_\_  
 Print Name of Applicant (Enter the complete name as registered) Type (Corp, LLC, LLP, etc.) State of  
 Registration/Incorporation

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Applicant, to bind the Applicant, and if so required to authorize the issuance of a bond on behalf of the Applicant. (If asked, you must provide proof of such authority to the Department). **\*\*\*Please Note: If additional signatures are required, pursuant to your governing documents, operating agreements, or other applicable agreements or laws, you must attach additional signature pages.\*\*\***

Alina T. Hudak \_\_\_\_\_ Alina T. Hudak \_\_\_\_\_ Deputy Mayor \_\_\_\_\_ 3/24/17  
 Signature of Authorized Representative Print Authorized Representative's Name Title Date

**C. IF APPLICANT IS A JOINT VENTURE** Each party must sign below (If more than two members, list on attached page)

Print Name of Applicant (Enter the complete name as registered) \_\_\_\_\_ Type (Corp, LLC, LLP, etc.) \_\_\_\_\_ State of \_\_\_\_\_  
 Registration/Incorporation

Print Name of Applicant (Enter the complete name as registered) \_\_\_\_\_ Type (Corp, LLC, LLP, etc.) \_\_\_\_\_ State of \_\_\_\_\_  
 Registration/Incorporation

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Applicant, to bind the Applicant, and if so required to authorize the issuance of a bond on behalf of the Applicant. (If asked, you must provide proof of such authority to the Department). **\*\*\*Please Note: If additional signatures are required, pursuant to your governing documents, operating agreements, or other applicable agreements or laws, you must attach additional signature pages.\*\*\***

Signature of Authorized Representative \_\_\_\_\_ Print Authorized Representative's Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Signature of Authorized Representative \_\_\_\_\_ Print Authorized Representative's Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

**10. WRITTEN CONSENT OF THE PROPERTY OWNER OF THE AREA OF THE PROPOSED WORK**

I/We are the fee simple owner(s) of the real property located at 2300 NW 14<sup>th</sup> Street & 2201 NW 11<sup>th</sup> Street Miami-Dade County, Florida, otherwise identified in the public records of Miami-Dade County as Folio Nos. 01-3134-076-0020 & 01-3134-088-0010. I am aware and familiar with the contents of this application for a Miami-Dade County Class I Permit to perform the work on or adjacent to the subject property, as described in Section 4 of this application. I possess the riparian rights to the area of the proposed work (if applicable) and hereby consent to the work identified in this Class I Permit application.

**A. IF THE OWNER(S) IS AN INDIVIDUAL**

Signature of Owner \_\_\_\_\_ Print Owner's Name \_\_\_\_\_ Date \_\_\_\_\_

Signature of Owner \_\_\_\_\_ Print Owner's Name \_\_\_\_\_ Date \_\_\_\_\_

**B. IF THE OWNER IS OTHER THAN AN INDIVIDUAL OR NATURAL PERSON**

(Examples: Corporation, Partnership, Joint Venture, Trust, LLC, LLP, etc.)

City of Miami Local Government Florida  
Print Name of Owner (Enter the complete name as registered) Type (Corp, LLC, LLP, etc.) State of Registration/Incorporation

444 SW 2<sup>nd</sup> Avenue, Miami, FL 33130  
Address of Owner

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Owner, to bind the Owner, and if so required to authorize the issuance of a bond on behalf of the Owner. (If asked, you must provide proof of such authority to the Department). **\*\*\*Please Note: If additional signatures are required, pursuant to your governing documents, operating agreements, or other applicable agreements or laws, you must attach additional signature pages.\*\*\***

[Signature] Johnny Martinez City Manager 2-27-14  
Signature of Authorized Representative Print Authorized Representative's Name Title Date

Signature of Authorized Representative \_\_\_\_\_ Print Authorized Representative's Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

**Please Review Above**

Appropriate signature(s) must be included in:

Box 9: either A, B or C

**AND**

Box 10: either A or B

## **Attachment B**

### **Owner/Agent Letter, Engineer Certification Letter, and Project Sketches**

**PERMIT APPLICANT / AUTHORIZED AGENT STATEMENT**

Miami Dade County Department of Regulatory and Economic Resources  
Class I Permitting Program  
701 NW 1<sup>st</sup> Court  
Miami, FL 33136

Re: Class I Standard Form Permit Application Number CLI-2013-0390

By the attached Class I Standard Form permit application with supporting documents, I, Alina T. Hudak, Deputy Mayor, Miami-Dade County, am the permit applicant, and hereby request permission to perform the work associated with Class I Permit Application CLI-2013-0390. I understand that a Miami-Dade County Class I Standard Form Permit is required to perform this work.

If approval is granted for the proposed work by the Board of County Commissioners, complete and detailed plans and calculations of the proposed work shall be prepared by an engineer licensed in the State of Florida in accordance with the minimum requirements of Chapter 24 of the Code of Miami-Dade County, Florida. Said plans and calculations shall be subject to the review and approval of the Department. The permit applicant will secure the services of an engineer licensed in the State of Florida to conduct inspections throughout the construction period, and said engineer shall prepare all required drawings of record. In the event that the proposed work which is the subject of this Class I Permit application involves the cutting or trimming of a mangrove tree(s), a detailed plan of the proposed cutting or trimming shall be prepared by a licensed landscape architect and submitted to the Department for review and approval, and the permit applicant will secure the services of a licensed landscape architect to supervise the trimming or cutting.

Respectfully submitted,

Alina T. Hudak,  
Deputy Mayor,  
Miami-Dade County

**ENGINEER LETTER OF CERTIFICATION**

Miami-Dade County Department of Regulatory and Economic Resources  
Class I Permitting Program  
701 NW 1<sup>st</sup> Court  
Miami, Florida 33136

RE: Class I Permit Application Number CLI-2013-0390

Ladies and Gentlemen:

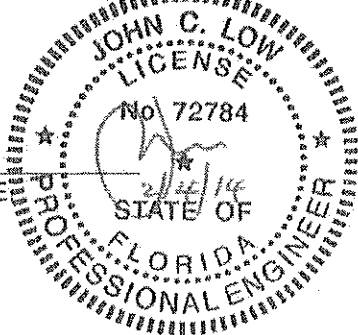
This letter will certify that I am an engineer licensed in the State of Florida, qualified by education and experience in the area of engineering design and inspection, and that to the best of my knowledge and belief, the proposed work does not violate any laws, rules, or regulations of the State of Florida or any provisions of the Code of Miami-Dade County which may be applicable, that diligence and recognized standard practices of the engineering profession have been exercised in the engineer's design of the proposed work, and in my opinion based upon my knowledge and belief, the following will not occur:

- a. Harmful obstruction or undesirable alteration of the natural flow of the water within the area of the proposed work.
- b. Harmful or increased erosion, shoaling of channels or stagnant areas of water. (Not applicable to class IV permits)
- c. Material injury to adjacent property.
- d. Adverse environmental impacts from changes in water quality or quantity. (Applicable to class IV permits only)

Further, I have been retained by the applicant to provide inspections throughout the construction period and to prepare a set of reproducible record prints of drawings showing changes made during the construction process based upon the marked-up prints, certified surveys, drawings, and other data furnished by the contractor to me.

Sincerely,

John C. Low, P.E.  
P.E. #72784



# INDEX OF SHEETS

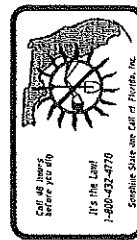
SHEET NO.	SHEET DESCRIPTION
B-1	KEY SHEET
B-2	PAY ITEM NOTES
B-3	GENERAL NOTES
B-4	RELOCATION NOTES
B-5	GENERAL PLAN AND ELEVATION
B-6	SITE PLAN
B-7	EROSION CONTROL PLAN
B-8	REPORT CORE BORINGS
B-9	PILE DATA TABLE
B-10	TYPICAL SECTION
B-11	END BENT NOS. 1 AND 3 PLAN AND ELEVATION-GEOMETRY AND REINFORCEMENT
B-12	PIVOT PIER 2 PLAN AND ELEVATION GEOMETRY
B-13	PIVOT PIER 2 PLAN AND ELEVATION REINFORCEMENT
B-14	APPROACH RAMP DETAILS
B-15	PLAQUE DETAILS
B-16	

100% SUBMISSION

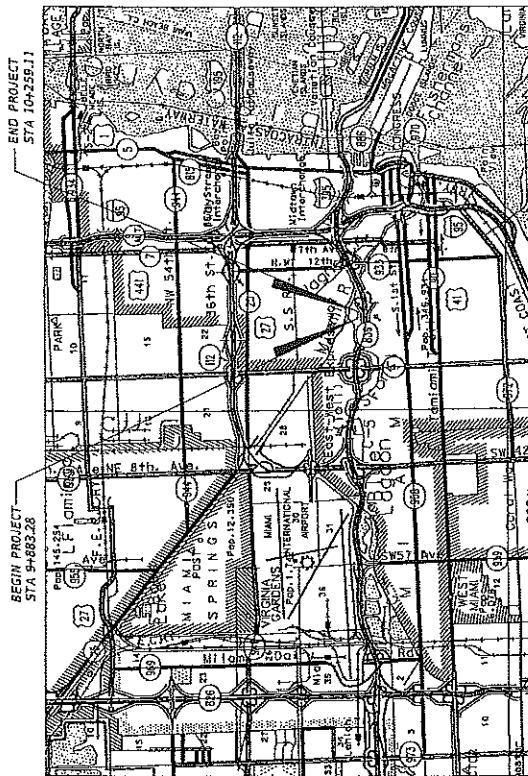
## STANDARD INDEX DRAWINGS

852	Steel Pedestrian/Bicycle Railing
20674	24" Square Prestressed Concrete Pile

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION 2004, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION, EDITION 2004. THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION, EDITION 2004, ARE THE BASIS FOR THE DESIGN AND CONSTRUCTION OF THIS PROJECT. THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION, EDITION 2004, ARE THE BASIS FOR THE DESIGN AND CONSTRUCTION OF THIS PROJECT. THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION, EDITION 2004, ARE THE BASIS FOR THE DESIGN AND CONSTRUCTION OF THIS PROJECT.



# PLANS FOR PROPOSED RELOCATION OF COMFORT CANAL BRIDGE (EXISTING TAMiami CANAL SWING BRIDGE BRIDGE NO. 874135) FROM STA 9+883.28 TO STA 10+259.11 MIAMI-DADE COUNTY PROJECT NO. 20080236



STRUCTURE SHOP DRAWINGS  
TO BE SUBMITTED TO:  
MIAMI-DADE COUNTY PUBLIC WORKS AND  
WASTE MANAGEMENT DEPARTMENT  
STEPHEN P. CLARK CENTER  
111 NW 1ST STREET, 14TH FLOOR  
MIAMI, FLORIDA 33128

LENGTH OF JOB	LINE	FEET	MILES
ROADWAY			
BRIDGE		93.54	0.02
GROSS LENGTH OF JOB			
EXCEPTIONS			
NET LENGTH OF JOB			

RECEIVED

JAN 15 2014

DERM Coastal Resources Section  
Natural Resources Regulation & Restoration  
Division (NRROD)

Environmental Resources Management  
D.D.M.S.  
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APPROVED	DIRECTOR OF PUBLIC WORKS
RECOMMENDED	ASSISTANT DIRECTOR
SUBMITTED	HIGHWAY DIVISION
PROPOSED	CHECK
DESIGN	DRAWN
DATE	SHEET 1 OF 11-5

ENGINEER OF RECORD:

TIMOTHY J. MOLES  
FLORIDA REGISTRATION P.E. No. 49892  
DATE: OCTOBER 31, 2013

MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE  
MANAGEMENT DIVISION  
HIGHWAY DIVISION  
STEPHEN P. CLARK CENTER  
MIAMI, FLORIDA 33128

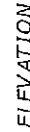
BY  
HARDESTY & HANOVER, LLC  
10305 NW 41st STREET  
SUITE 204  
MIAMI, FLORIDA 33178






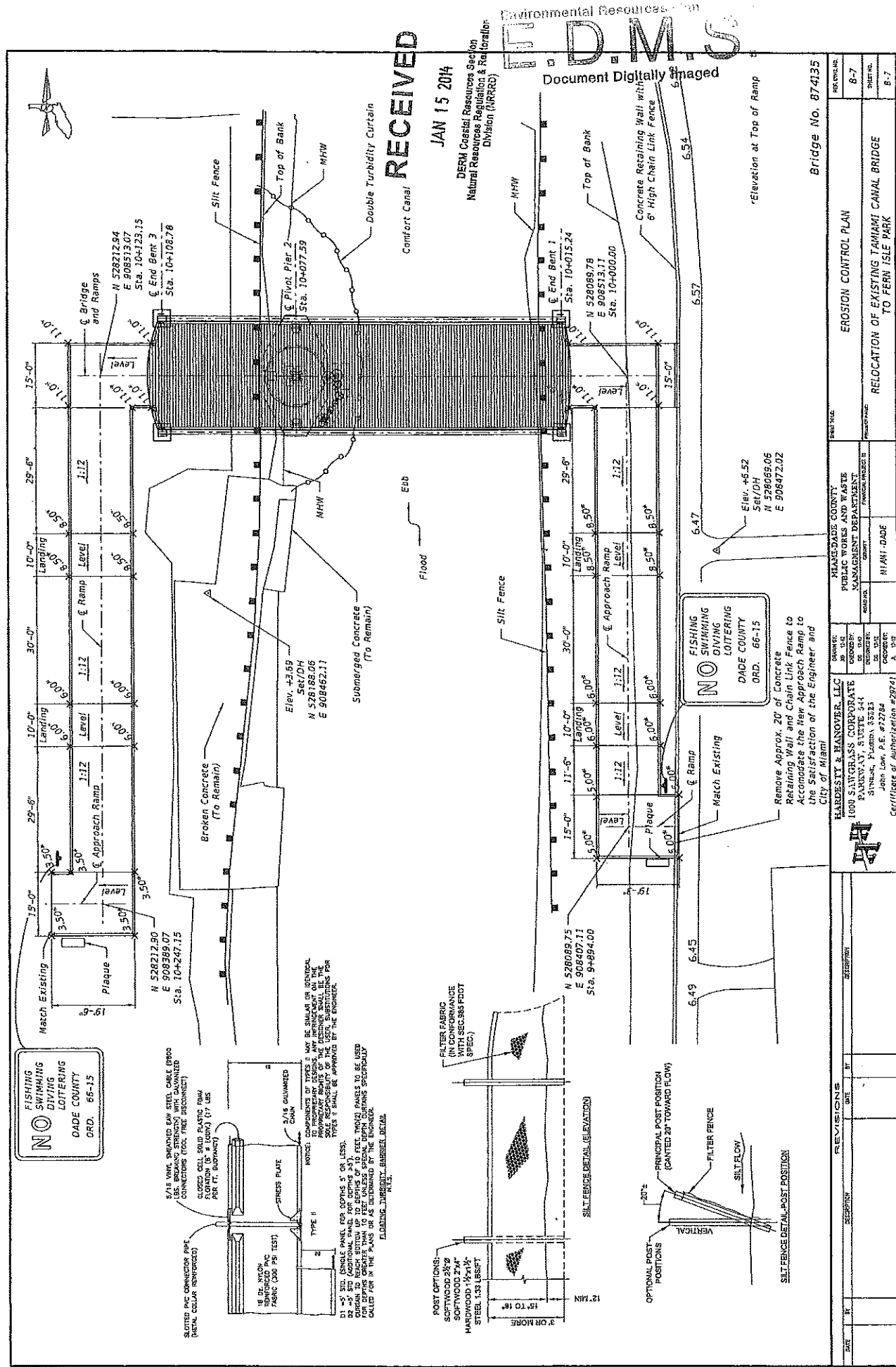
JAN 15 2014

DERM Coastal Resources Section  
Natural Resources Regulation & Restoration  
Division (NRRD)



Bridge No. 874135

REVISIONS				SHEET TITLE				REF. DATE			
DATE	BY	DESCRIPTION		BY	DATE						
				 <b>HARDESTY &amp; HANOTY, LLC</b> 1000 SAWGRASS CORPORATE PARKWAY, SUITE 644 STUNNES, FLORIDA 33525 JOHN LOW, P.E. #127184				MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT	G-5		
								NO. 1000	NO. 1000	SHEET NO.	8-5
								NO. 1000	NO. 1000	PROJECT NO.	
				GENERAL PLAN AND ELEVATION							
				RELOCATION OF EXISTING TAMIAHI CANAL BRIDGE TO FERN ISLE PARK							



RECEIVED

JAN 15 2014

DERM Coastal Resources Section  
Natural Resources Regulation & Restoration  
Division (NRRRD)

Environmental Resources Team  
E D M S  
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Elevation at Top of Ramp

Bridge No. 874135

EXISTING TAMiami C  
EERN ISIE PARK

ERO  
RELOCATION OF

WASTE  
TAXENT  
FURNACE PROJECT IN

MIAMI-DADE	COUNTY	MIAMI-DADE
PUBLIC WORKS A		
MANAGEMENT DE		

ORDER BY:	MR 12-12
CREATED BY:	DE 12-12
DISCLOSED BY:	DE 12-12
CREATED BY:	DE 12-12

HARDESTY & HANCOCK  
800 SAWGRASS CIRCLE  
PARKWAY, SUITE  
SINGER, FLORIDA  
John Low, P.E. w

1001423327

DATE	BY

NAME: \_\_\_\_\_

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

SECTION: \_\_\_\_\_

BY	
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[illegible]





## **Attachment C**

**Names and Addresses of Owners of All Riparian or  
Property Within  
Three Hundred (300) Feet of the Proposed Work**

Impression à séchage rapide et antibourrage  
Utilisez le gabarit 8163<sup>MC</sup>



www.avery.com  
1-800-GO-AVERY



First Hungarian United Church of Christ

2236 NW 14<sup>th</sup> Street

Miami, FL 33125-2102

The Polish American Club of Miami

1250 NW 22<sup>nd</sup> Avenue

Miami, FL 33125-2350

RECEIVED

FEB 05 2014

DERM Coastal Resources Section  
Natural Resources Regulation & Enforcement  
Division 10000

**Attachment D**  
**Project Locations Exhibit**

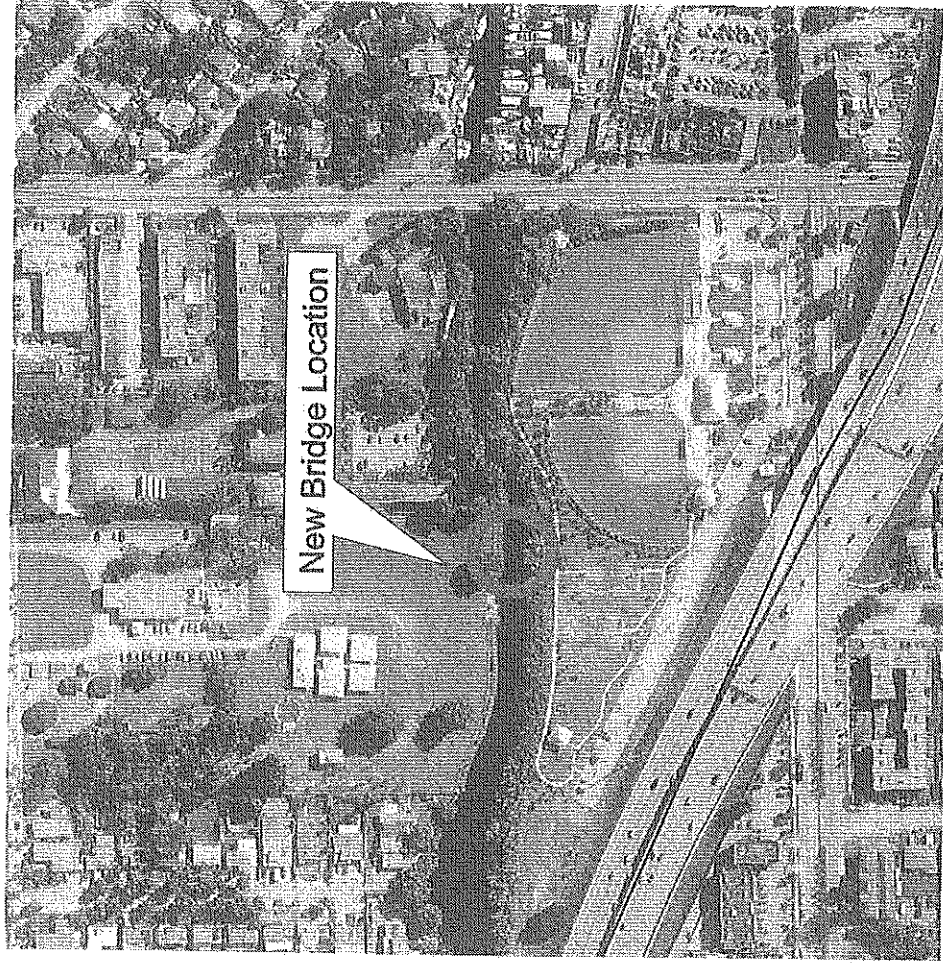
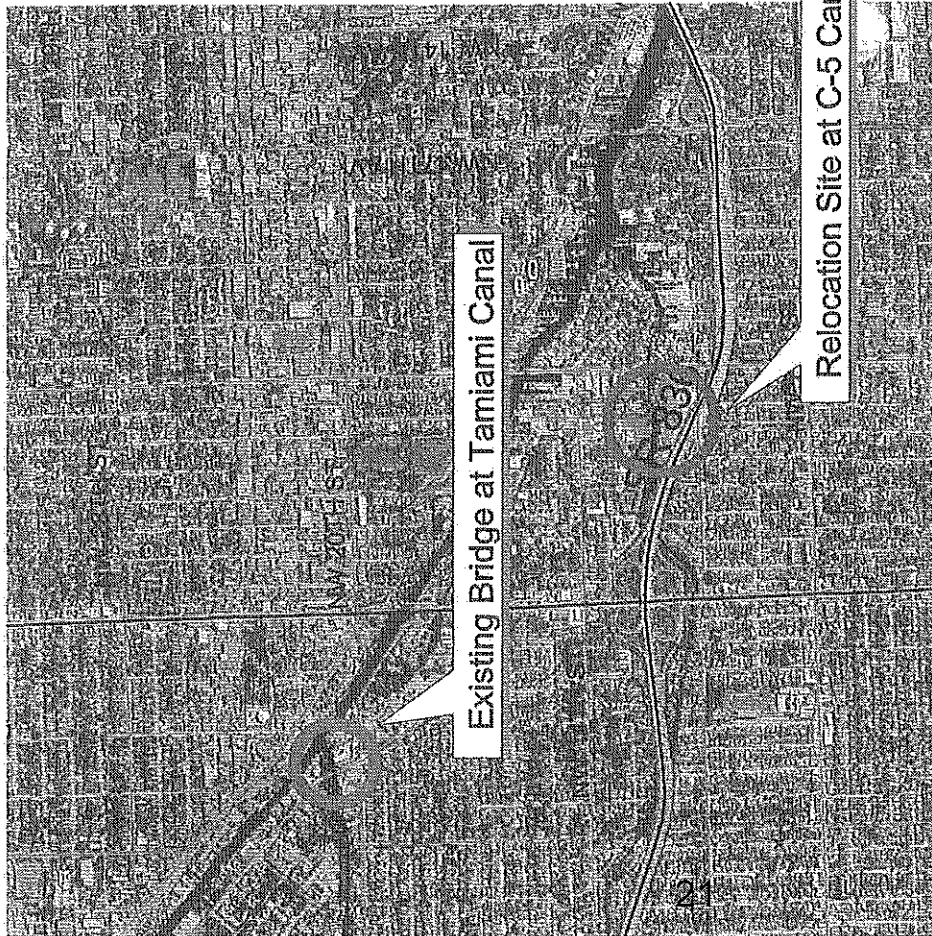


Exhibit D: Project Locations Exhibit

**Attachment E**  
**DERM Project Report**

**PROJECT REPORT**  
**CLASS I PERMIT APPLICATION NO. CLI-2013-0390**

Class I Permit Application by Miami-Dade County for a Class I Permit to Install a Fixed Bridge  
Spanning the C-5 Canal between Fern Isle Park and the Miami Police Benevolent Association  
Park in the City of Miami, Florida.

**DATE: February 6, 2014**

Staff's recommendation of approval for the above-referenced permit application is based on the applicable evaluation factors under Section 24-48.3 of the Code of Miami-Dade County, Florida. The following is a summary of the proposed project with respect to each applicable evaluation factor:

1. **Potential Adverse Environmental Impact** – The proposed project is not reasonably expected to result in adverse environmental impacts. The existing shoreline does not provide significant habitat, as no wetland vegetation or submerged aquatic vegetation was documented in the footprint of the proposed work. Therefore, mitigation is not required for the installation of the proposed bridge. The in-water structures associated with the bridge will be limited to two support piles located adjacent to the shoreline of the Miami Police Benevolent Association Park. In order to avoid and minimize environmental impacts, the applicant will utilize environmental controls and best management practices.

The project site is located in an area that is designated by the Miami-Dade County Manatee Protection Plan (MPP) as essential habitat for the *Trichechus manatus* (West Indian Manatee). However, the proposed work will be conducted entirely from the uplands, thus minimizing potential manatee impacts. Furthermore, the Class I permit will require that all standard manatee construction permit conditions be followed during all construction operations.

2. **Potential Cumulative Adverse Environmental Impact** – The proposed project is not reasonably expected to result in cumulative adverse environmental impacts.
3. **Hydrology** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.
4. **Water Quality** – The construction phase of the proposed project may temporarily impact water quality. In order to minimize impacts to surface waters, the Class I permit will require that proper turbidity controls and turbidity monitoring be implemented during the proposed work to ensure turbidity levels within the surrounding waters do not exceed State and County water quality standards.
5. **Wellfields** – Not applicable.
6. **Water Supply** – Not applicable.
7. **Aquifer Recharge** – Not applicable.
8. **Aesthetics** – The proposed project is not reasonably expected to adversely affect aesthetic values. During the construction process, there may be temporary aesthetic impacts related to the presence of equipment and other machinery associated with the construction activities.
9. **Navigation** – The proposed bridge is not reasonably expected to adversely affect navigation. Access to the C-5 Canal from the Miami River is currently limited by an existing permanent fixed bridge, which is located near the mouth of the C-5 Canal, downstream of the proposed bridge. The existing downstream bridge provides a maximum clearance of approximately 4.5 feet, while the proposed bridge will provide a maximum clearance of approximately 8 feet. The two in-water support pilings associated with the proposed bridge will be located adjacent to the northern shoreline. Therefore, access for small vessels such as kayaks and canoes will not be affected.
10. **Public Health** - The proposed project is not reasonably expected to adversely affect public health.



11. **Historic Values** - The proposed project will provide for a historic bridge to be preserved and maintained, and is not reasonably expected to adversely affect historic values.
12. **Archaeological Values** - The applicant has coordinated with State and County historic resource offices and will provide archaeological monitoring throughout the bridge removal and installation; therefore, the proposed project is not reasonably expected to adversely affect archaeological values.
13. **Air Quality** – The proposed project is not reasonably expected to adversely affect air quality.
14. **Marine and Wildlife Habitats** – The existing shoreline does not provide significant habitat value, as no wetland vegetation or submerged aquatic vegetation was documented in the footprint of the proposed work. Therefore, the proposed project is not reasonably expected to result in impacts to marine or wildlife habitats.
15. **Wetland Soils Suitable for Habitat** – The proposed project does not involve any work in wetland soils.
16. **Floral Values** – The existing shoreline does not provide significant habitat value, as no wetland vegetation or submerged aquatic vegetation was documented in the footprint of the proposed work. Therefore, the proposed project is not reasonably expected to result in impacts to floral values.
17. **Fauna Values** - The proposed project is not reasonably expected to adversely affect fauna values. The proposed project is located within an area identified by the MPP as essential habitat for the West Indian Manatee, and potential impacts have been minimized as set forth in number 1 above.
18. **Rare, Threatened and Endangered Species** – The proposed project is not reasonably expected to adversely affect rare, threatened, and endangered species. The project site is not located in an area designated as critical habitat for *Halophila Johnsonii* (Johnson's Seagrass), a Federally Listed Threatened Species. The proposed project is located within an area identified by the MPP as essential habitat for the West Indian Manatee, and potential impacts have been minimized as set forth in number 1 above.
19. **Natural Flood Damage Protection** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.
20. **Wetland Values** – The proposed project is not reasonably expected to adversely affect wetland values.
21. **Land Use Classification** – Pursuant to Section 24-48.2(II)(B)(7), Code of Miami-Dade County, Florida, applications for Class I permits by a municipality within its own jurisdiction shall not be required to submit a substantiating letter from the local zoning authority. The city of Miami has signed the Class I permit application as the property owner.
22. **Recreation** - The proposed project does not conflict with the recreation element of the Miami-Dade County Comprehensive Development Master Plan.
23. **Other Environmental Values Affecting the Public Interest** – The proposed project is not reasonably expected to adversely affect other environmental values affecting the public interest. The proposed project will occur on lands owned by the City of Miami, who has signed the Class I permit application as the property owner, and the State of Florida, which has authorized the proposed work.

24. **Conformance with Standard Construction Procedures and Practices and Design and Performance Standards** – The proposed project complies with the standard construction procedures and practices and design and performance standards of the applicable portions of the following:
- a) Chapter 33B of the Code of Miami-Dade County
  - b) Miami-Dade County Public Works Manual
25. **Comprehensive Environmental Impact Statement (CEIS)** - In the opinion of the Director, the proposed project is not reasonably expected to result in significant adverse environmental impacts or cumulative adverse environmental impacts. Therefore, a CEIS was not required by DERM to evaluate the project.
26. **Conformance with All Applicable Federal, State and Local Laws and Regulations** - The proposed project is in conformance with applicable State, Federal and local laws and regulations:
- a) Chapter 24 of the Code of Miami-Dade County
  - b) United States Clean Water Act (US Army Corps of Engineers permit is required)
  - c) South Florida Water Management District (permit is required)
27. **Conformance with the Miami-Dade County Comprehensive Development Master Plan (CDMP)** - In the opinion of the Director, the proposed project is in conformance with the CDMP. The following is a summary of the proposed project as it relates to the CDMP:

**LAND USE ELEMENT I:**

**Objective 3/Policies 3A, 3B, 3C** - Protection of natural resources and systems. – The proposed project is consistent with the Conservation and Coastal Management Elements of the CDMP. The proposed project is compatible with surrounding land uses in Biscayne Bay and does not involve development in the Big Cypress area of Critical State concern or the East Everglades.

**TRANSPORTATION ELEMENT II**

**Aviation Subelement/Objective 9** - Aviation System Expansion - There is no aviation element to the proposed project.

**Port of Miami River Subelement/Objective 3** - Minimization of impacts to estuarine water quality and marine resources. The proposed project is not reasonably expected to adversely affect water quality and marine resources in the Miami River, potential impacts have been minimized as set forth in number 1 above.

**CONSERVATION, AQUIFER RECHARGES AND DRAINAGE ELEMENT IV:**

**Objective 3/Policies 3A, 3B, 3D** - Wellfield protection area protection. - The proposed project is not located within a wellfield protection area.

**Objective 3/Policy 3E** - Limestone mining within the area bounded by the Florida Turnpike, the Miami-Dade/Broward Levee, N.W. 12 Street and Okeechobee Road. - The proposed project is not located within this area.

**Objective 4/Policies 4A, 4B, 4C** - Water storage, aquifer recharge potential and maintenance of natural surface water drainage. - The proposed project is not reasonably expected to adversely affect water storage, aquifer recharge potential or natural surface water drainage.

**Objective 5/Policies 5A, 5B, 5F** - Flood protection and cut and fill criteria – The proposed project will not compromise flood protection.

**Objective 6/Policy 6A** - Areas of highest suitability for mineral extraction. - The proposed project is not located in an area proposed or suitable for mineral extraction.

**Objective 6/Policy 6B** - Guidelines for rock quarries for the re-establishment of native flora and fauna. - The proposed project is not located in a rock quarry.

**Objective 6/Policy 6D** - Fill material on-site is suitable for the support of development. – The proposed project does not involve filling for the purposes of development.

**Objective 7/Policy 7A** - No net loss of high quality, relatively unstressed wetlands. – The proposed project will not result in a net loss of any such wetlands.

**Objective 9/Policies 9A, 9B, 9C** - Protection of habitat critical to Federal or State-designated threatened or endangered species. – The proposed project is not reasonably expected to adversely affect rare, threatened, and endangered species, as set forth in number 18 above.

#### **COASTAL MANAGEMENT ELEMENT VII:**

**Objective 1/Policy 1A** - Tidally connected mangroves in mangrove protection areas – The proposed project is not located within a designated “Mangrove Protection Area.”

**Objective 1/ Policy 1B** - Natural surface flow into and through coastal wetlands. – The proposed project is not reasonably expected to affect natural surface flow into and through halophytic wetlands.

**Objective 1/ Policy 1C** - Elevated boardwalk access through mangroves. – The proposed project does not involve access through mangroves.

**Objective 1/Policy 1D** - Protection and maintenance of mangrove forests and related natural vegetational communities. - The proposed project does not involve work in mangrove forests or other natural vegetational communities.

**Objective 1/Policy 1E** - Mitigation for the degradation and destruction of coastal wetlands. Monitoring and maintenance of mitigation areas. – The proposed project will not result in the degradation and destruction of coastal wetlands and therefore does not involve monitoring or mitigation for impacts to coastal wetlands.

**Objective 1/Policy 1G** - Prohibition on dredging or filling of grass/algal flats, hard bottom or other viable benthic communities, except as provided for in Chapter 24 of the Code of Miami-Dade County, Florida. – The proposed project does not involve dredging or filling of grass/algal flats, hard bottom, or other viable benthic communities.

**Objective 2/Policies 2A, 2B** - Beach restoration and renourishment objectives. - The proposed project does not involve beach restoration or renourishment.

**Objective 3/Policies 3E, 3F** - Location of new cut and spoil areas for proper stabilization and minimization of damages. - The proposed project does not involve the development or identification of new cut or spoil areas.

**Objective 4/Policy 4A, 4C, 4E, 4F** - Protection of endangered or threatened animal species - The applicant has minimized potential impacts to endangered or threatened species as set forth in Number 18 above.

**Objective 5/Policy 5B** - Existing and new areas for water-dependent uses. - The proposed project does not involve a new water-dependent use.

**Objective 5/Policy 5D** - Consistency with Chapter 33D, Miami-Dade County Code (shoreline access, environmental compatibility of shoreline development) - The proposed project is not located within the review boundaries of the Shoreline Development Review Committee; therefore, the thresholds for review under the Shoreline Ordinance do not apply and the proposed project is not subject to shoreline development review.

**Objective 5/Policy 5F** - The siting of water dependent facilities. - The proposed project does not involve the creation of any new water dependent facilities.

28. **Conformance with Chapter 33B, Code of Miami-Dade County** (East Everglades Zoning Overlay Ordinance) - The proposed project is not located within the East Everglades Area.
29. **Conformance with Miami-Dade County Ordinance 81-19** (Biscayne Bay Management Plan Sections 33D-1 through 33D-4 of the Code of Miami-Dade County) - The proposed project is not located within Biscayne Bay.
30. **Conformance with the Miami-Dade County Manatee Protection Plan** - The project was evaluated for consistency with the MPP. The project site is located in an area designated by the MPP as essential habitat for the West Indian Manatee, and potential impacts to manatees have been minimized as set forth in number 1 above.
31. **Consistency with Miami-Dade County Criteria for Lake Excavation** - The proposed project does not involve lake excavation.
32. **Municipality Recommendation** - Pursuant to Section 24-48.2(II)(B)(7), Code of Miami-Dade County, Florida, applications for Class I permits by a municipality within its own jurisdiction shall not be required to submit a substantiating letter from the local zoning authority. The City of Miami signed the Class I permit application as the property owner.
33. **Coastal Resources Management Line** - A coastal resources management line was not required for the proposed project, pursuant to Section 24-48.2(II)(B)(10)(b) of the Code of Miami-Dade County.
34. **Maximum Protection of a Wetland's Hydrological and Biological Functions** - The proposed project is not reasonably expected to impact wetland hydrological or biological functions.
35. **Class I Permit Applications Proposing to Exceed the Boundaries Described in Section D-5.03(2)(a) of the Miami-Dade County Public Works Manual** - Not applicable.

The proposed project was also evaluated for compliance with the standards contained in Sections 24-48.3(2),(3), and (4) of the Code of Miami-Dade County, Florida. The following is a summary of how the standards relate to the proposed project:

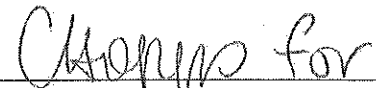
24-48.3 (2) Dredging and Filling for Class I Permit – Not applicable.

24-48.3 (3) Minimum Water Depth Required for Boat Slips Created by the Construction or Placement of Fixed or Floating Docks and Piers, Piles and Other Structures Requiring a Permit Under Article IV, Division 1 of Chapter 24 of the Code of Miami-Dade County - Not applicable.

24-48.3 (4) Clean Fill in Wetlands – The proposed project does not involve the filling of wetlands.

BASED ON THE FOREGOING, IT IS RECOMMENDED THAT A CLASS I PERMIT BE APPROVED.

  
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