

# Memorandum



**Date:** July 7, 2011

**To:** Honorable Joe A. Martinez, Chairman  
and Members, Board of County Commissioners

Agenda Item No. 5(E)

**From:** Alina T. Hudak  
County Manager

A handwritten signature in black ink, appearing to read "Alina T. Hudak".

**Subject:** Resolution Relating to an Application by Miami-Dade County for a Class I Permit to Construct a Fixed Pedestrian/Bicycle Bridge Spanning the Coral Gables Waterway

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

A handwritten signature in black ink, appearing to read "Alina T. Hudak".  

Assistant County Manager

# Memorandum



**Date:** June 7, 2011

**To:** Alina T. Hudak  
County Manager

**From:** Lee N. Hefty, Assistant Director  
Environmental Resources Management 

**Subject:** Resolution Relating to an Application by Miami-Dade County for a Class I Permit to Construct a Fixed Pedestrian/Bicycle Bridge Spanning the Coral Gables Waterway

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## **Recommendation**

I have reviewed the Class I permit application submitted 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), Florida, I recommend that the Board of County Commissioners (Board) approve the issuance of a Class I permit for the reasons set forth below.

## **Scope**

The project site is located at Cartagena Plaza (Cocoplum Circle), east of the SW 42<sup>nd</sup> Avenue (Le Jeune Road) bridge in Coral Gables, Miami-Dade County, in Commission District 7.

## **Fiscal Impact/Funding Source**

Not applicable.

## **Track Record/Monitor**

Not applicable.

## **Background**

The subject Class I permit application requests authorization to construct a fixed bridge spanning the Coral Gables Waterway. The project site is located at Cartagena Plaza, also known as Cocoplum Circle, east of the Le Jeune Road bridge in the City of Coral Gables. The proposed project is required to be reviewed and approved by the Board at a public hearing because the scope of work is not specifically referenced in Section 24-48.2 of the Code as work that can be processed administratively with a short form application. Therefore, a standard form application including a public hearing is required.

The Miami-Dade County Public Works Department proposes to construct a twelve (12) foot wide by one hundred sixty two (162) foot long shared-use pedestrian and bicycle bridge. The steel and concrete bridge will be constructed entirely on the uplands and will span the Coral Gables Waterway east of the Le Jeune Road bridge, connecting Coral Gables Ingraham Park with the City of Coral Gables public park on the north side of Cartagena Plaza. The proposed bridge is intended to improve connectivity with the bicycle path within the City. The proposed bridge design incorporates protective handrails and lighting fixtures that will be installed over tidal waters. In order to provide navigational access and maintain sufficient clearance, the proposed bridge has been designed to match the elevation of the adjacent Le Jeune Road vehicular bridge, and will not require the installation of pilings within the waterway.

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. An in-water bottom (benthic) survey conducted by Department of Environmental Resources Management (DERM) biologists revealed minimal coverage of macroalgal and invertebrate resources within the area of the proposed bridge and no seagrass resources were documented. Mangroves are present along the shoreline in the area adjacent to the proposed bridge. However, DERM has worked with the applicant to establish an orientation which avoids and minimizes impacts to mangroves. Therefore, no mitigation is required for the minimal adverse environmental impacts expected under this project.

The proposed project is located within an area identified by the Miami-Dade County Manatee Protection Plan (MDCMPP) as essential manatee habitat for the West Indian Manatee (*Trichechus manatus*). Therefore, the Class I permit will require that all standard manatee construction permit conditions shall be followed during all construction operations.

The proposed 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 DERM Project Report which sets forth the reasons the proposed project is recommended for approval by DERM 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: Zoning Memorandum
- Attachment D: Names and Addresses of Owners of All Riparian or Wetland Property Within Three Hundred (300) Feet of the Proposed Work
- Attachment E: DERM Project Report

NOTICE OF PUBLIC HEARING ON AN APPLICATION BY MIAMI-DADE COUNTY FOR A CLASS I PERMIT TO CONSTRUCT A FIXED PEDESTRIAN/BICYCLE BRIDGE SPANNING THE CORAL GABLES WATERWAY IN THE CITY OF CORAL GABLES AT CARTAGENA PLAZA (COCOPLUM CIRCLE), EAST OF THE SW 42<sup>nd</sup> AVENUE BRIDGE, CORAL GABLES, MIAMI-DADE COUNTY, FLORIDA

BOARD OF COUNTY COMMISSIONERS  
MIAMI-DADE COUNTY, FLORIDA

NOTICE IS HEREBY GIVEN pursuant to Article IV, Division 1 of Chapter 24 of the Code of Miami-Dade County that the Board of County Commissioners of Miami-Dade County will hold and conduct a Public Hearing on a request by Miami-Dade County for a Class I permit to construct a fixed pedestrian/bicycle bridge spanning the Coral Gables Waterway in the City of Coral Gables at Cartagena Plaza, also known as Cocoplum Circle, east of the SW 42<sup>nd</sup> Avenue bridge, Coral Gables, Miami-Dade County. Such Public Hearing will be held on the 7<sup>th</sup> day of July, 2011 in 9:30 AM at the County Commission Chambers on the 2nd Floor of the Stephen P. Clark Center at 111 NW 1<sup>st</sup> Street in Miami, Florida.

Plans and details concerning the work requested in the application may be reviewed by interested persons at the office of the Miami-Dade County Department of Environmental Resources Management, 6th Floor, 701 NW 1st Court, Miami, Florida, 33136-3912.

Oral statements will be heard and appropriate records made. For accuracy of records, all important facts and arguments should be prepared in writing in triplicate, with two copies being submitted to the Deputy Clerk of the County Commission at the hearing or mailed to her beforehand (Diane Collins, Deputy Clerk), 111 NW 1st Street, Stephen P. Clark Center, Suite 17-202, Miami, Florida 33128; and with one copy being submitted beforehand to the Miami-Dade County Department of Environmental Resources Management, 701 NW 1st Court, Miami, Florida, 33136-3912.

A person who decides to appeal any decision made by any Board, Agency, or Commission with respect to any matter considered at its meeting or hearing, will need a record of proceedings. Such person may need to ensure that a verbatim record of the proceedings is made, including the testimony and evidence upon which the appeal is to be based.

BOARD OF COUNTY COMMISSIONERS  
MIAMI-DADE COUNTY, FLORIDA

HARVEY RUVIN, CLERK

BY: \_\_\_\_\_

Diane Collins, Deputy Clerk

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# MEMORANDUM

(Revised)

**TO:** Honorable Chairman Joe A. Martinez  
and Members, Board of County Commissioners

**DATE:** July 7, 2011

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

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

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 Manager'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

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

Agenda Item No. 5(E)  
7-7-11

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

RESOLUTION RELATING TO AN APPLICATION BY MIAMI-DADE COUNTY FOR A CLASS I PERMIT TO CONSTRUCT A FIXED PEDESTRIAN/BICYCLE BRIDGE SPANNING THE CORAL GABLES WATERWAY IN THE CITY OF CORAL GABLES AT CARTAGENA PLAZA, EAST OF THE SW 42<sup>nd</sup> AVENUE BRIDGE, CORAL GABLES, MIAMI-DADE COUNTY, 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 construct a fixed pedestrian/bicycle bridge spanning the Coral Gables Waterway in the City of Coral Gables at Cartagena Plaza, also known as Cocoplum Circle, east of the SW 42<sup>nd</sup> Avenue bridge, Coral Gables, Miami-Dade County, Florida, subject to the conditions set forth in the memorandum from the Director of the Miami-Dade County Department of Environmental Resources Management, 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:

Joe A. Martinez, Chairman	
Audrey M. Edmonson, Vice Chairwoman	
Bruno A. Barreiro	Lynda Bell
Esteban L. Bovo, Jr.	Jose "Pepe" Diaz
Sally A. Heyman	Barbara J. Jordan
Jean Monestime	Dennis C. Moss
Rebeca Sosa	Sen. Javier D. Souto
Xavier L. Suarez	

The Chairperson thereupon declared the resolution duly passed and adopted this 7<sup>th</sup> day of July, 2011. 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.

ASR

Abbie Schwaderer-Raurell

**Attachment A**  
**Class I Permit Application**



# Class I Permit Application

## FOR DEPARTMENTAL USE ONLY

<b>Date Received:</b>	<b>Application Number: 2010-CLI-PER-00015</b>
	<b>Application Fee: \$10,595.00</b>

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

<b>1. Applicant Information:</b> Name: <u>Miami-Dade County</u> Address: <u>111 NW 1<sup>st</sup> Street, Suite 1510</u> <u>Miami, FL</u> Zip Code: <u>33128</u> Phone #: <u>305-375-2094</u> Fax #: <u>305-679-7738</u> Email: _____ <small>* This should be the applicant's information for contact purposes.</small>	<b>2. Applicant's Authorized Permit Agent:</b> <small>Agent is allowed to process the application, furnish supplemental information relating to the application and bind the applicant to all requirements of the application.</small> Name: <u>Howard Piper, Special Assistant County Manager</u> Address: <u>111 NW 1<sup>st</sup> Street, Suite 1510</u> <u>Miami, FL</u> Zip Code: <u>33128</u> Phone #: <u>305-375-1584</u> Fax #: _____ Email: _____
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**3. Location where proposed activity exists or will occur (latitude and longitude are only necessary for properties without address or folio #):**  
Folio #(s): 03-4129-000-0080; 03-4129-000-0040 Latitude: 25d 42' 22" Longitude: 80d 15' 38"  
Street Address: N/A Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
In City or Town: Coral Gables Near City or Town: \_\_\_\_\_  
Name of waterway at location of the activity: Coral Gables Waterway at Cartagena Plaza and Lejeune Road Bridge
**4. Describe the proposed activity (check all that apply):**

<input type="checkbox"/> Seawall	<input type="checkbox"/> Dock(s)	<input type="checkbox"/> Boatlift	<input type="checkbox"/> Dredging	<input type="checkbox"/> Mangrove Trimming
<input type="checkbox"/> New/Replacement Seawall	<input type="checkbox"/> Pier(s)	<input type="checkbox"/> Mooring Piles	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Mangrove Removal
<input type="checkbox"/> Seawall Cap	<input type="checkbox"/> Viewing Platform	<input type="checkbox"/> Fender Piles	<input type="checkbox"/> New	
<input type="checkbox"/> Batter Piles	<input type="checkbox"/> Davits	<input type="checkbox"/> Filling		
<input type="checkbox"/> King Piles				
<input type="checkbox"/> Footer/Toe Wall				
<input type="checkbox"/> Riprap				

Other: New Bridge

Estimated project cost = \$415,469.00

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

<b>5. Proposed Use (check all that apply):</b> <input type="checkbox"/> Single Family <input type="checkbox"/> Multi-Family <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Utility	<b>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):</b> Proposed Vessel Type (s): <u>N/A</u> Vessel Make/Model (If known): _____ Draft (s)(range in inches.): _____ Length (s)(range in feet.): _____ Total Number of Slips: _____
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**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
SFWMD	ERP	100513-19	5/110/2010	TBD

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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**

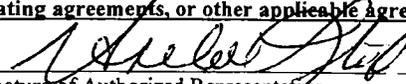
Signature of Applicant \_\_\_\_\_ Print Applicant's Name \_\_\_\_\_ Date \_\_\_\_\_

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

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

Miami-Dade County \_\_\_\_\_ 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. \*\*\***

 \_\_\_\_\_ Ysela Llort \_\_\_\_\_ Assistant County Manager \_\_\_\_\_  
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 Cartagena Plaza over Coral Gables Waterway Miami-Dade County, Florida, otherwise identified in the public records of Miami-Dade County as Folio No. 03-4129-000-0080; 03-4129-000-0040

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**

N/A

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 Coral Gables	Local Government	Florida
Print Name of Owner (Enter the complete name as registered)	Type (Corp, LLC, LLP, etc.)	State of Registration/Incorporation
405 Biltmore Way, 1st Floor, Coral Gables, FL 33134		
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.\*\*\***

	Patrick G. Salerno	City Manager	<u>6/2/11</u>
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

Approved as to form and legal sufficiency

\_\_\_\_\_  
Craig E. Leen, City Attorney

Attest:

6/2/11  
Walter J. Foeman  
City Clerk

||

**Attachment B**

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



McMAHON ASSOCIATES, INC.  
5500 Village Boulevard | Suite 103 | West Palm Beach, FL 33409  
p 561-840-8650 | f 561-840-8350  
[www.mcmtrans.com](http://www.mcmtrans.com)

March 29, 2011

Miami-Dade County DERM  
Class I Permitting Program  
701 NW 1<sup>st</sup> Court, Suite 600  
Miami, Florida 33136

RE: Class I Permit Application Number 2010-CLI-PER-00015

Ladies and Gentlemen:

This letter will certify that I am an engineer registered/licensed in the State of Florida, qualified by education and experience in the area of construction, and that to the best of my knowledge and belief, the proposed work does not violate any laws of the State of Florida or any provision 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 process for 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, drawings, and other data furnished by the contractor to me.

Sincerely,

John Kim, P.E.  
P.E. # 62400

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**PERMIT APPLICANT/AUTHORIZED AGENT STATEMENT**

Date: June 15, 2011

To:

Miami-Dade County DERM  
Class I Permitting Program  
701 NW 1<sup>st</sup> Court  
Miami, FL 33136

Re: Class I Permit Application Number 2010-CLI-PER-00015

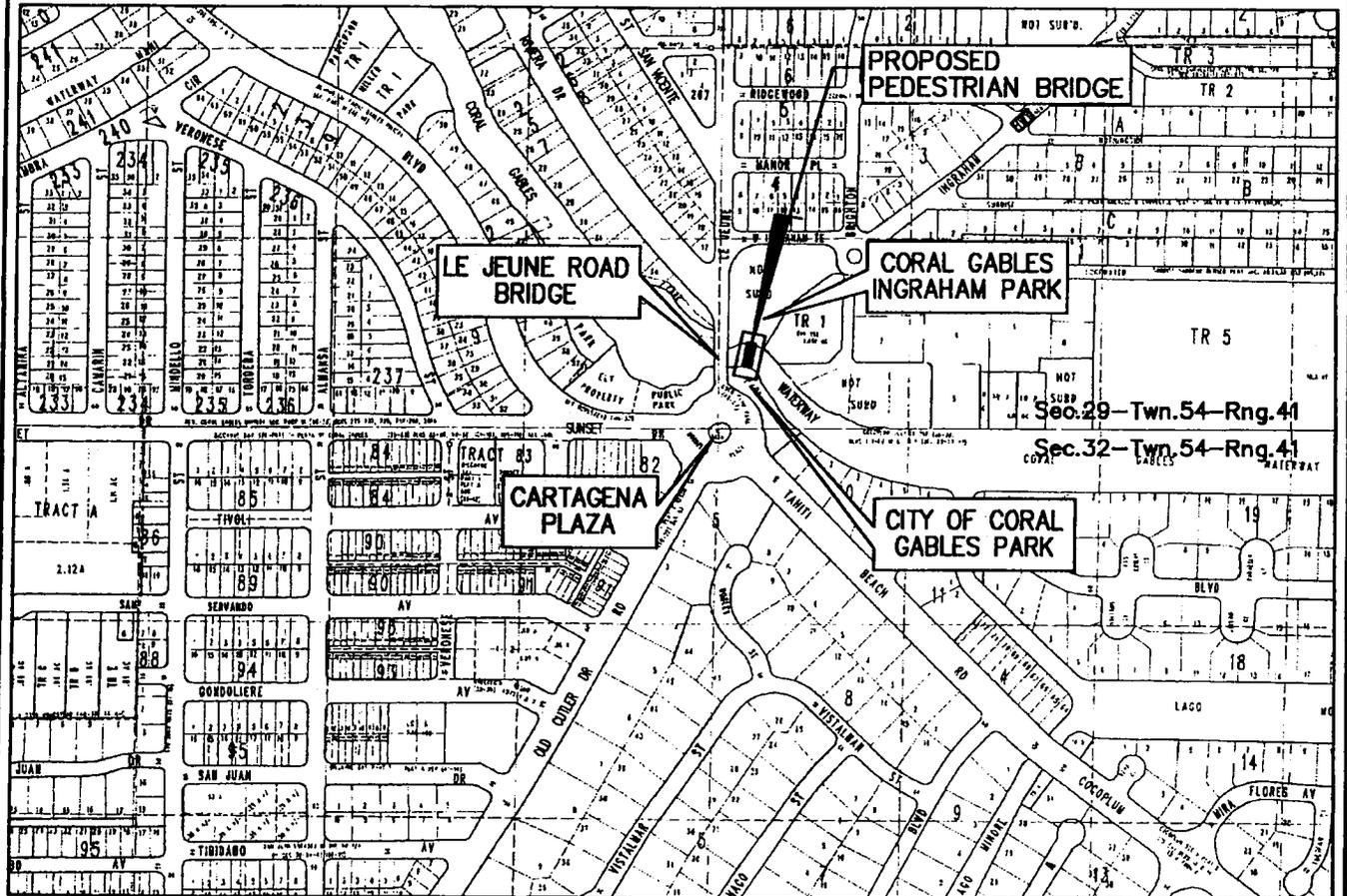
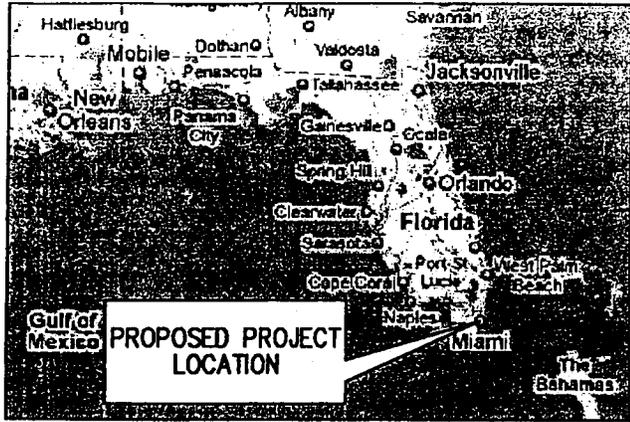
By the attached Class I Standard Form Permit Application with supporting documents, I, Howard Piper, Special Assistant County Manager, Miami-Dade County, am the permit applicant and hereby request permission to perform the work associated with Class I permit application 2010-CLI-PER-00015. I understand 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 registered/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 of Environmental Resources Management. The permit application will secure the services of an engineer registered/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.

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Respectfully submitted,

  
Ysela Llort, Assistant County Manager  
Miami-Dade County



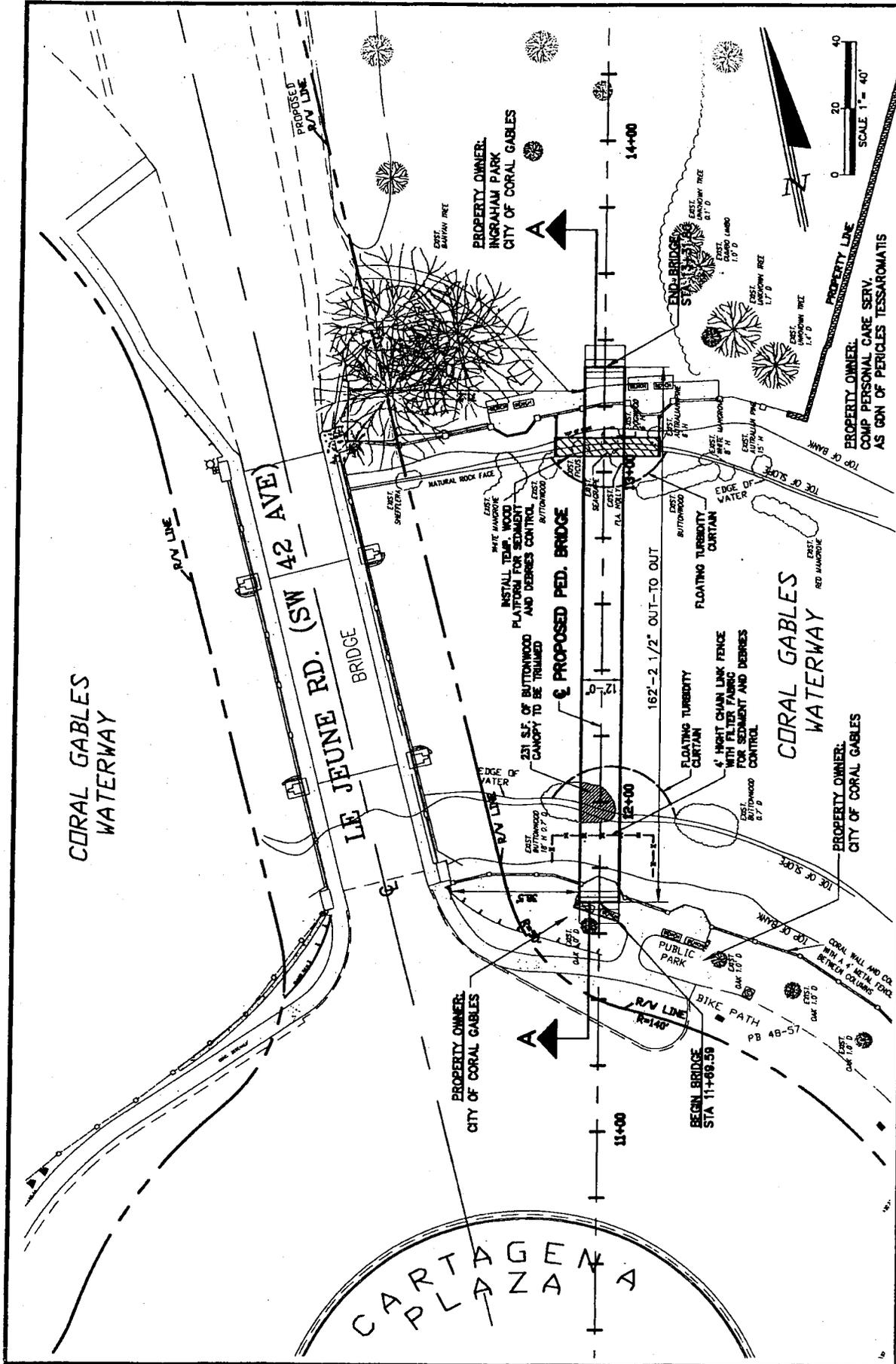
**LEGEND:**

 PROJECT AREA

 ADJACENT PROPERTIES

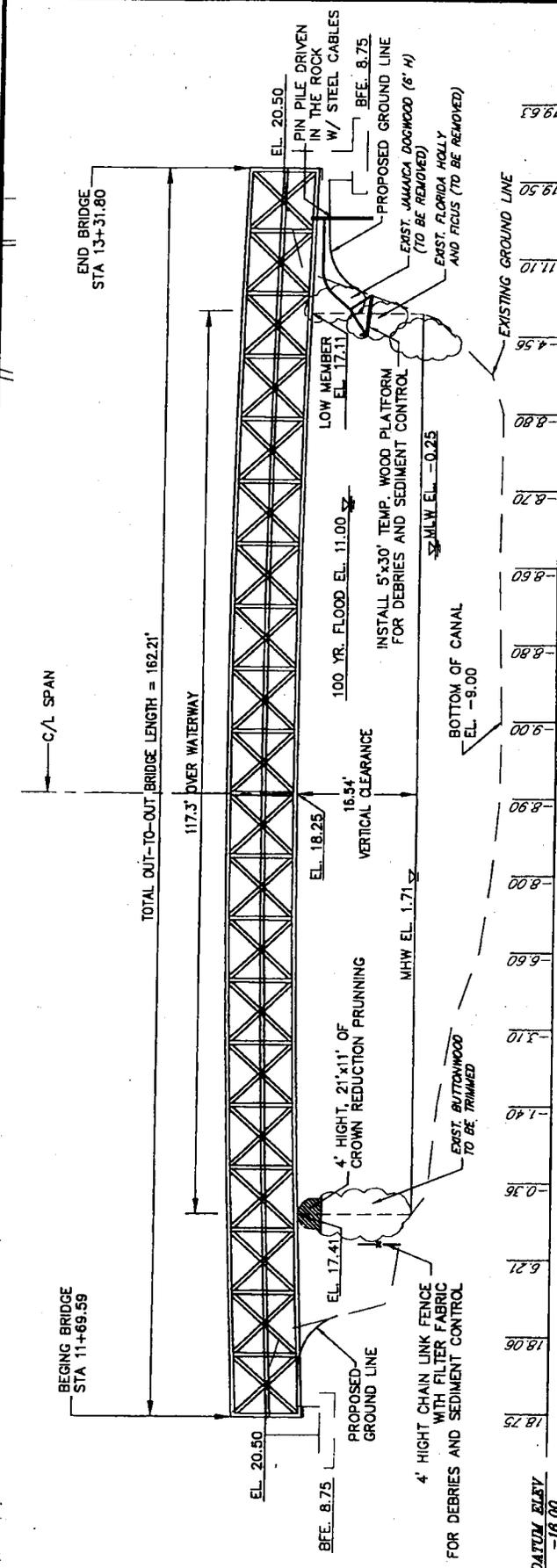
<b>OWNER:</b> MIAMI-DADE COUNTY	<b>AGENT:</b> Mc MAHON TRANSP. ENG. & PLANERS	<b>WATERWAY NAME:</b> CORAL GABLES WATERWAY	<b>COMMODORE TRAIL PEDESTRIAN &amp; BICYCLE BRIDGE</b> MIAMI-DADE COUNTY, FLORIDA CITY OF CORAL GABLES	 <b>MIAMI-DADE COUNTY</b> PUBLIC WORKS DEPARTMENT HIGHWAY DIVISION STEPHEN P. CLARK CENTER 111 NW 1 ST MIAMI, FLORIDA 33128	<b>SHEET #</b>
<b>COMMODORE TRAIL PEDESTRIAN AND BICYCLE BRIDGE</b>					<b>JULY 2010</b>
<b>MILE 1.0</b>					

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OWNER	MIAMI-DADE COUNTY	AGENT	Mc MAHON TRANSP. ENG. & PLANNERS	WATERWAY NAME	CORAL GABLES WATERWAY	PROJECT NAME	COMMODORE TRAIL PEDESTRIAN & BICYCLE BRIDGE	DATE	JULY 2010	SHEET #	2 OF 4
						MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT HIGHWAY DIVISION 111 W. 1 ST. MIAMI, FLORIDA 33138					
						COMMODORE TRAIL PEDESTRIAN & BICYCLE BRIDGE MIAMI-DADE COUNTY, FLORIDA CITY OF CORAL GABLES					
						COMMODORE TRAIL PEDESTRIAN AND BICYCLE BRIDGE					
						MILE 1.0					

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DATUM: NGVD 1929

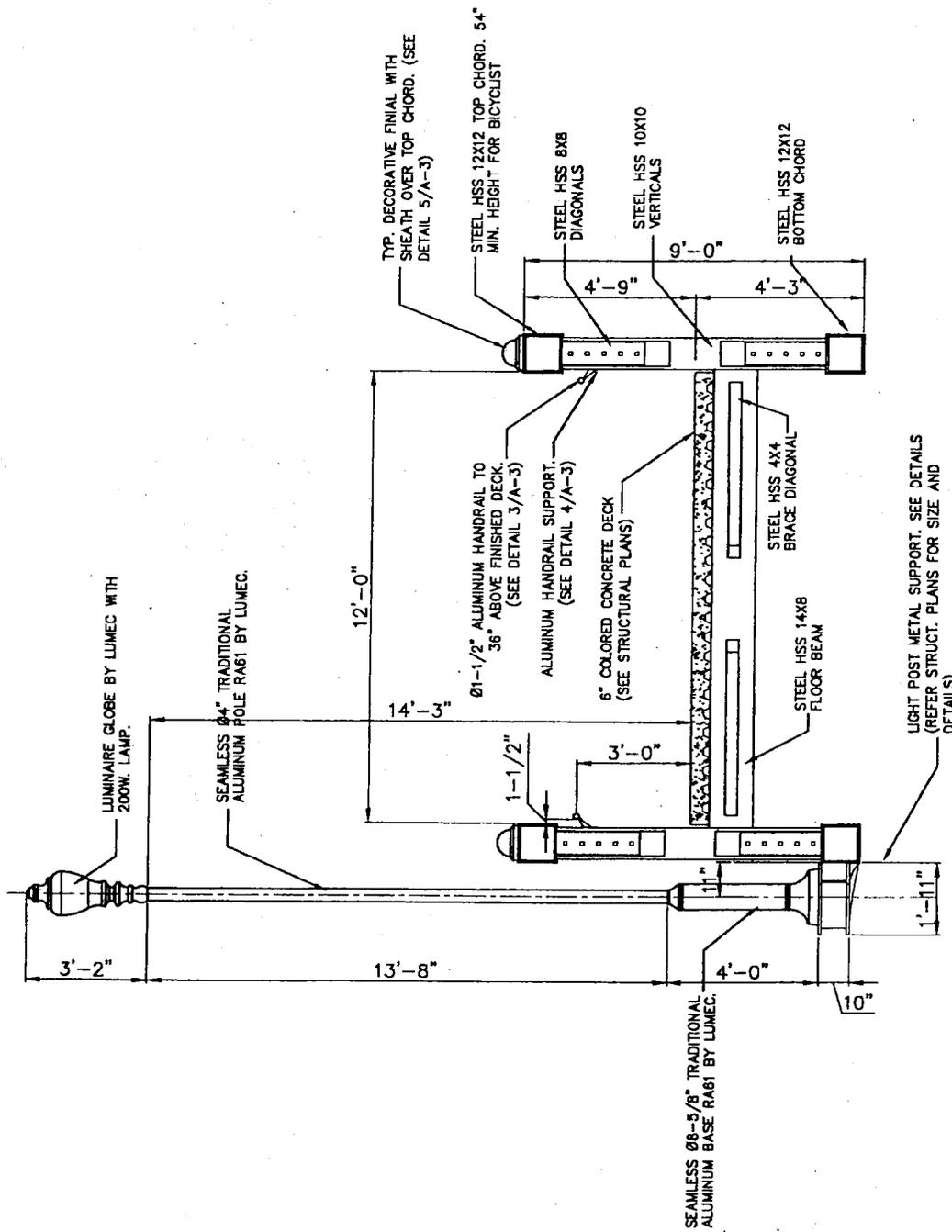
### ELEVATION VIEW SECTION A-A



NOTE:  
 1. ALL ELEVATIONS REFER TO NGVD 1929.  
 2. 100 YEAR FLOOD ELEVATION = 11' NGVD

OWNER		AGENT	WATERWAY NAME	COMMODORE TRAIL PEDESTRIAN & BICYCLE BRIDGE MIAMI-DADE COUNTY, FLORIDA CITY OF CORAL GABLES	 PUBLIC WORKS DEPARTMENT HIGHWAY DIVISION PROJECT P. OAK CENTER MIAMI, FLORIDA 33128	SHEET # 3 OF 4
MIAMI-DADE COUNTY		Mc MAHON TRANSP. ENG. & PLANNERS	CORAL GABLES WATERWAY			
COMMODORE TRAIL PEDESTRIAN AND BICYCLE BRIDGE			MILE 1.0		JULY 2010	

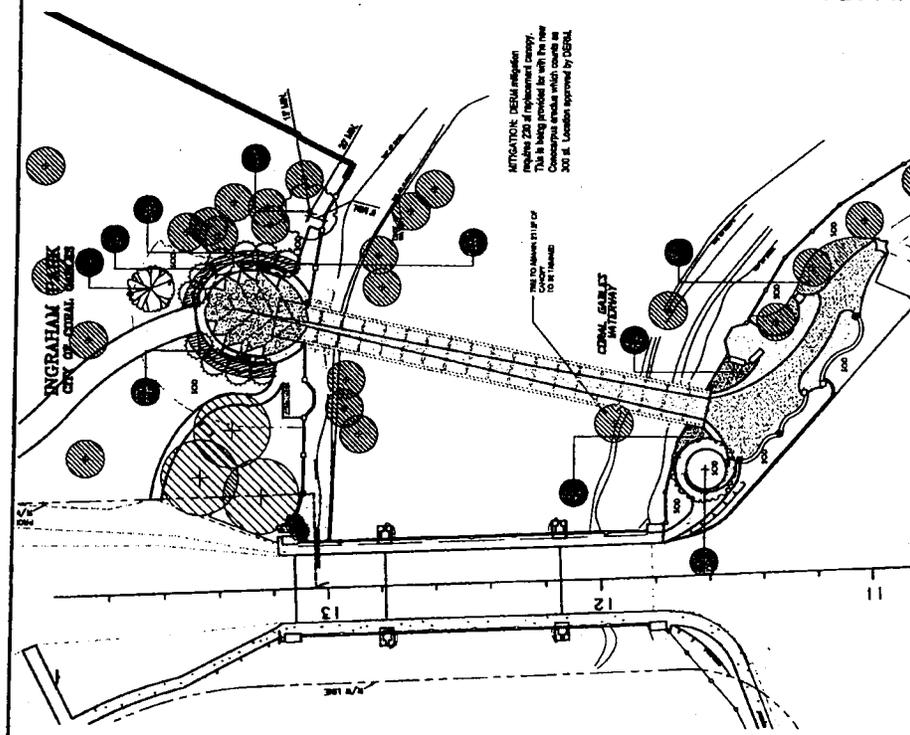
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**BRIDGE TYPICAL SECTION**  
N.T.S.

OWNER		AGENT	WATERWAY NAME	SHEET #	
MIAMI-DADE COUNTY		Mc MAHON TRANSP. ENG. & PLANNERS	CORAL GABLES WATERWAY	4 OF 4	
COMMODORE TRAIL PEDESTRIAN AND BICYCLE BRIDGE			COMMODORE TRAIL PEDESTRIAN & BICYCLE BRIDGE MIAMI-DADE COUNTY, FLORIDA CITY OF CORAL GABLES	PUBLIC WORKS DEPARTMENT HIGHWAY DIVISION SEYMOUR S. GALE CENTER 111 NW 1 ST. MIAMI, FLORIDA 33138	
MILE 1.0			DATE	N.T.S.	
			JULY 2010		

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MITIGATION: DERM mitigation requires 250' of replacement canopy. This is being provided for with the new canopy. The canopy will be 300 ft. long and 250 ft. wide. Approved by DERM.

TABLE SHOWS QUANTITIES	COMMON NAME	SPECIFICATIONS	QUANTITY (ACTIVE)
280-21-04	Green Buttonwood	8" to 10" dbh, 7' tall, 100% canopy	1
280-21-05	SA Ironwood	12" to 14" dbh, 7' tall, 100% canopy	1
280-21-06	Chisholm Hick	12" to 14" dbh, 7' tall, 100% canopy	10
280-21-07	Iron Oak	10" to 12" dbh, 7' tall, 100% canopy	1
280-21-08	Conocarpus	12" to 14" dbh, 7' tall, 100% canopy	75
280-21-09	SA Ironwood	12" to 14" dbh, 7' tall, 100% canopy	10
280-21-10	SA Ironwood	12" to 14" dbh, 7' tall, 100% canopy	10
280-21-11	SA Ironwood	12" to 14" dbh, 7' tall, 100% canopy	10

- Landscape Notes:**
- All plant material shall be Florida No. 1, as specified in the Grades and Standards for Nursery Plants and Part II, Palms and Tree Planting.
  - All trees and palms shall be staked or guyed. Guying and staking shall be done in accordance with details and all local practices.
  - All plant material shall meet or exceed the size requirements as specified in the plant list. No substitutions shall be accepted without the Landscape Architect's approval.
  - Contractor is responsible for verifying all underground utilities and obtaining the necessary clearances prior to planting.
  - All areas to receive planting shall be prepared with planting soil. Planting soil shall consist of a mixture of 80% sand and 20% mulch.
  - All planted areas are to receive a 2" layer of Florimulch - Streaked Metatrace mulch.
  - New trees, palms, shrubs and groundcovers shall be fertilized with Agriform Planting Tablets, 20-10-5 formula, 2" gran. in accordance with manufacturer's recommendations.
  - Sodded areas shall be fertilized with a granular fertilizer having a 12-6-6 analysis, at a rate of 12 lb. per 1000 SF of lawn and in accordance with the manufacturer's recommendations.
  - All trees, palms, shrubs and groundcovers shall be guaranteed for a period of one (1) year from the time of final acceptance.
  - All areas not covered by buildings, parking, playgrounds, shrubs or groundcover shall be planted with sod.

**MITIGATION NOTE:** The Conocarpus encasus that is being planted on the north bank is the replacement canopy for the existing Green Buttonwood that is being trimmed. DERM has made the following requirements for this tree:

- Baseline report within 7 days of planting to be submitted to DERM.
- Quarterly monitoring reports for 1 year to be submitted to DERM, including quantitative and qualitative data on the tree's health, growth, % growth, as well as confirm the area surrounding the tree is being maintained free of weeds. Should the tree die, the contractor will replace with a new tree of the same specifications, and warranty for an additional year.
- The new green buttonwood tree is designated as mitigation and cannot be removed (in the future) without prior DERM approval.



DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ DRAWN BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_

SCALE: 1" = 40'

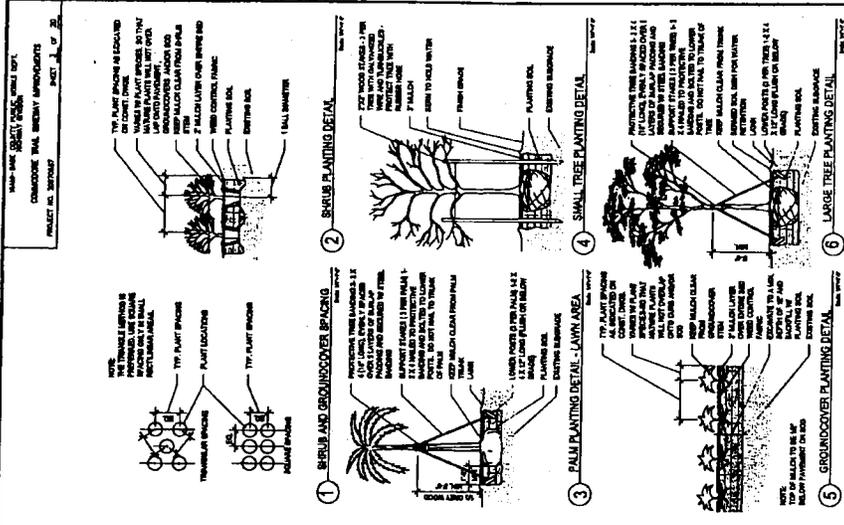
PPK

INGRAHAM CITY OF AUSTIN

CONTRACT NO. \_\_\_\_\_

PROJECT NO. \_\_\_\_\_

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



L-2.0

**Attachment C**  
**Zoning Memorandum**

# Memorandum



**Date:** June 6, 2011

**To:** Lisa Spadafina, Manager   
Coastal Resources Section  
Environmental Resources Management

**From:** Lourdes Barrelli, Biologist II   
Coastal Resources Section  
Environmental Resources Management

**Subject:** Class I Permit Application by Miami-Dade County to Construct a Fixed Pedestrian/Bicycle Bridge Spanning the Coral Gables Waterway

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Pursuant to Section 24-48.2(II)(A)(7), of the Code of Miami-Dade County, Florida, a substantiating letter shall be submitted by the applicant stating that the proposed project does not violate any zoning laws. Said letter will be submitted after approval by the County Commission and prior to issuance of the Class I permit.

**Attachment D**

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

RALGO PROPERTY LLC  
6850 RIVIERA DR  
CORAL GABLES FL 331463533  
0341290281050

CITY OF CORAL GABLES  
405 BILTMORE WAY  
CORAL GABLES FL 331345717  
0341290000080

MURRAY CLAY & W RUBY  
230 EDGEWATER DR  
CORAL GABLES FL 331336622  
0341290000090

CITY OF CORAL GABLES  
405 BILTMORE WAY  
CORAL GABLES FL 331345717  
0341290300020

CITY OF CORAL GABLES PARK  
0341290350010

CITY OF CORAL GABLES PARK  
0341290282480

CITY OF CORAL GABLES  
CITY HALL  
CORAL GABLES FL  
0341290000040

COMP PERSONAL CARE SERV AS GDN OF PERICLES TESSAROMA  
(TR)  
8525 NW 53 TERR SUITE 210  
DORAL FL 331664521  
0341290330010

RUBY CLAY (TRUST)  
230 EDGEWATER DR  
CORAL GABLES FL 331336622  
0341290000030

JOHN W SCHMITZ & W LUCILA  
375 COCOPLUM ROAD  
CORAL GABLES FL 331436408  
0341320211740

0341290000031

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

**PROJECT REPORT  
CLASS I PERMIT APPLICATION NO. 2010-CLI-PER-00015**

**APPLICATION BY MIAMI-DADE COUNTY FOR A CLASS I PERMIT TO  
CONSTRUCT A FIXED PEDESTRIAN/BICYCLE BRIDGE SPANNING THE CORAL  
GABLES WATERWAY**

**DATE: MARCH 18, 2011**

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. A benthic survey conducted by biologists from the Department of Environmental Resources Management (DERM) revealed no significant benthic resources located within the project footprint. Although the proposed bridge will require the trimming of a *Conocarpus erectus* (green buttonwood) tree, the applicant has agreed to plant a green buttonwood tree at the adjacent Ingraham Park. Additionally, the Class I permit shall include conditions to minimize turbidity during construction operations and protect rare, threatened and endangered species.
2. **Potential Cumulative Adverse Environmental Impact** – The proposed project is not reasonably expected to have 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 proposed project may affect surface water quality on a temporary basis during construction activities. The upland shorelines of the waterway will be excavated and re-graded in order to accommodate the new bridge foundations. As a method to minimize water quality impacts, the applicant will install silt fencing and temporary wood platforms to capture debris and prevent fugitive particulates from entering the waterway. The Class I permit will require that turbidity control devices such as, but not limited to, silt fencing and turbidity curtains, be utilized during all phases of construction to ensure compliance with the County's water quality standards for turbidity.
5. **Wellfields** – Not applicable.
6. **Water Supply** – Not applicable.
7. **Aquifer Recharge** – Not applicable.
8. **Aesthetics** – The proposed project is not reasonably expected to have negative aesthetic impacts. The proposed bridge is designed to be aesthetically compatible with the surrounding area. However, during the construction process there may be temporary aesthetic impacts related to the presence of machinery and equipment associated with the construction activities.
9. **Navigation** – The proposed project is not reasonably expected to adversely affect navigation. In order to provide navigational access and maintain sufficient clearance the proposed bridge and has been designed to match the elevation of the adjacent Lejune Road vehicular bridge and will not require the installation of pilings within the waterway.
10. **Public Health** - The proposed project is not reasonably expected to adversely affect public health.

11. **Historic Values** - The proposed project is not reasonably expected to adversely affect historic values.
12. **Archaeological Values** - 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 proposed project is not reasonably expected to result in impacts to marine and wildlife habitats. A benthic survey conducted by biologists from DERM revealed no significant benthic resources located within the project footprint. Although the proposed bridge will require the trimming of a green buttonwood tree, the applicant has agreed to plant a green buttonwood tree at the adjacent Ingraham Park.
15. **Wetland Soils Suitable for Habitat** – The proposed project does not involve any work in wetland soils.
16. **Floral Values** – The proposed project will result in minimal impacts to floral values. A benthic survey conducted by biologists from DERM revealed minimal coverage of macroalgal and invertebrate resources within the area of the proposed bridge; no seagrass resources were documented. In addition, although the proposed bridge will require the trimming of a green buttonwood tree, the applicant has agreed to plant a green buttonwood tree at the adjacent Ingraham Park.
17. **Fauna Values** – The proposed project is not reasonably expected to adversely affect marine fauna.
18. **Rare, Threatened and Endangered Species** – The proposed work is not reasonably expected to adversely affect rare, threatened and endangered species. The proposed project is located within an area designated by the Miami-Dade County Manatee Protection Plan (MPP) as essential habitat for *Trichechus manatus* (West Indian Manatee). However, no in-water work is proposed, thus minimizing potential manatee impacts. In addition, the Class I permit will require that all standard manatee construction permit conditions shall be followed during construction operations.
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 does not involve dredging or filling of wetlands.
21. **Land Use Classification** – Pursuant to Section 24-48.2(II)(A)(7), of the Code of Miami-Dade County, Florida, a substantiating letter shall be submitted stating that the proposed project does not violate any zoning laws. Said letter will be submitted after the approval by the Board of County Commissioners and prior to the issuance of a Class I permit.
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 entirely by the City of Coral Gables, which has signed the Class I permit application and 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) Miami-Dade County Public Works Manual
  - b) Biscayne Bay Management Plan (Section 33D-1 through 33D-4 of the Code of Miami- Dade County)
  - c) Chapter 33B of the Code of Miami-Dade County
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 the following applicable State, Federal and local laws and regulations:
  - A) Chapter 24 of the Code of Miami-Dade County
  - B) South Florida Water Management District (permit is required)
  - C) U.S. Coast Guard (approval 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 2/Policy 2A** - Level of Service. The proposed project does not involve new or significant expansion of existing urban land uses.

**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 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 located within the Miami River.

**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 does not compromise flood protection, involve filling for development purposes, and is not related to cut and fill activities.

**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** - Suitable fill material 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 located within an area designated by the MPP as essential 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 shall be followed during construction operations.

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

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

**Objective 1/ Policy 1B** - Natural surface flow into and through coastal wetlands. - The project will not affect natural surface flow into and through coastal wetlands.

**Objective 1/ Policy 1C** - Elevated boardwalk access through mangroves. - The 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, coastal hammock, 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 does not involve the degradation and destruction of coastal wetlands and therefore does not involve monitoring of 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 project does not involve the 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 proposed work is not reasonably expected to adversely affect endangered or threatened species. The proposed project is located within an area designated by the MPP as essential habitat for the West Indian Manatee. However, the proposed work will be performed from the uplands, thus reducing potential manatee impacts. Additionally, the Class I permit shall include conditions to minimize turbidity during construction operations and protect rare, threatened and endangered species.

**Objective 5/Policy 5B** - Existing and new areas for water-dependent uses. - The proposed project is not reasonably expected to affect existing water dependent uses.

**Objective 5/Policy 5D** - Consistency with Chapter 33D, Miami-Dade County Code (shoreline access, environmental compatibility of shoreline development) – The Shoreline Development Review Committee has evaluated the proposed project and determined that 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 consistent with the Biscayne Bay Management Plan.
30. **Conformance with the Miami-Dade County Manatee Protection Plan** - The proposed project is located within an area designated by the MPP as essential manatee habitat for the West Indian Manatee. However, the proposed work will be performed from the uplands, thus reducing potential impacts. In addition, the Class I permit will require that all standard manatee construction permit conditions shall be followed during all construction operations.
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)(A)(7), Code of Miami-Dade County, Florida, a substantiating letter shall be submitted stating that the proposed

project does not violate any zoning laws. Said letter will be submitted after the approval by the Board of County Commissioners and prior to the issuance of the Class I permit.

33. **Coastal Resources Management Line** - A coastal resources management line was not required for the proposed project, pursuant to Section 24-48.2(II)(A)(10)(b) of the Code of Miami-Dade County, Florida.
34. **Maximum Protection of a Wetland's Hydrological and Biological Functions** - The proposed project is not expected to impact wetland hydrological and 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:

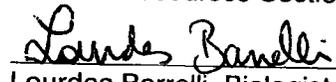
**24-48.3 (2) Dredging and Filling for Class I Permit** - The proposed project does not involve the dredging or filling of tidal waters.

**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** - The proposed project does not involve the creation of a boat slip.

**24-48.3 (4) Clean Fill in Wetlands** - The proposed project does not involve placing clean fill in wetlands.

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

  
\_\_\_\_\_  
Lisa. M. Spadafina, Manager  
Coastal Resources Section

  
\_\_\_\_\_  
Lourdes Barrelli, Biologist II  
Coastal Resources Section