

Memorandum



Date: January 24, 2012

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

Agenda Item No. 5(G)

From: Carlos A. Gimenez
Mayor

A handwritten signature in black ink, appearing to read "Carlos A. Gimenez".

Subject: Resolution Relating to an Application by the City of North Miami for a Class I Permit to Install Two Pedestrian Bridges Spanning Tidal Creeks along NE 135 Street in the City of North Miami

Resolution No. R-19-12

Attached, please find for your consideration an application by the City of North Miami for a Class I permit. Also attached is the recommendation of the Department of Permitting, Environment and Regulatory Affairs and a proposed resolution approving the issuance of the Class I permit.

A handwritten signature in black ink, appearing to be a stylized name, positioned above a horizontal line.

Deputy Mayor

Memorandum



Date: December 28, 2011
To: Carlos A. Gimenez
Mayor
From: Charles Danger, P.E., Interim Director
Department of Permitting, Environment and Regulatory Affairs
Subject: Resolution Relating to an Application by the City of North Miami for a Class I Permit Application to Install Two Pedestrian Bridges Spanning Arch Creek Tributaries along NE 135 Street in the City of North Miami

A handwritten signature in black ink, appearing to read "Charles Danger".

Recommendation

I have reviewed the attached Class I permit application submitted by the City of North Miami. 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 two (2) project sites are located on NE 135 Street, approximately one mile east of US 1, on a pedestrian path in the City of North Miami, in Commissioner Heyman's District 4.

Fiscal Impact/Funding Source

Not applicable

Track Record/Monitor

The Coastal Resources Section Manager of the Department of Permitting, Environment and Regulatory Affairs (PERA) will monitor the terms and conditions of this permit.

Background

The subject Class I permit application requests authorization to install two (2) fixed pedestrian bridges spanning creeks which are tidally connected to Biscayne Bay. The project sites are located on NE 135 Street, east of US 1 on a pedestrian path connecting Bay Vista Boulevard with the Florida International University Biscayne Bay Campus in the City of North Miami. 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 City of North Miami proposes to install two (2) twelve (12) foot wide by 62 foot long shared-use pedestrian and bicycle bridges. The prefabricated bridges will span two (2) tidal creeks and will replace the existing bridges that are not adequate for the amount of pedestrian/bicycle traffic they receive. The proposed bridges are wider and have protective handrails and lighting fixtures. To maintain waterway navigational access, the proposed bridges will allow approximately three (3) feet over water clearance, which is similar to the existing bridges.

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 benthic (bay bottom) survey conducted by PERA biologists revealed only a minimal coverage of macroalgal and invertebrate resources within the locations of the proposed bridges, and no seagrasses were observed. The project will result in the removal of seven (7) mangrove trees from five (5) to fourteen (14) feet high along the shoreline and minor temporary water quality impacts typically associated with in-water construction. The applicant has agreed to provide a contribution to the Biscayne Bay Environmental Enhancement Trust Fund (BBEETF) to mitigate for the impacts in the amount of \$1,600.00.

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 PERA Project Report which sets forth the reasons the proposed project is recommended for approval by PERA 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: South Florida Water Management District Permit
- Attachment F: PERA Project Report

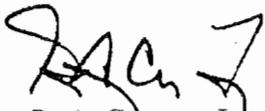


MEMORANDUM

(Revised)

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

DATE: January 24, 2012

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

SUBJECT: Agenda Item No. 5(G)

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

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 5(G)
1-24-12

RESOLUTION NO. R-19-12

RESOLUTION RELATING TO AN APPLICATION BY THE CITY OF NORTH MIAMI FOR A CLASS I PERMIT TO INSTALL TWO PEDESTRIAN BRIDGES SPANNING TIDAL CREEKS ALONG NE 135 STREET IN THE CITY OF NORTH MIAMI, 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 the City of North Miami for a Class I permit to install two pedestrian bridges spanning tidal creeks adjacent to Biscayne Bay along NE 135 Street, approximately one mile east of US 1, on pedestrian path connecting Bay Vista Boulevard with the Florida International University Biscayne Bay Campus in the City of North Miami, Miami-Dade County, Florida, subject to the conditions set forth in the memorandum from the Miami-Dade County Department of Permitting, Environment and Regulatory Affairs, 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.

5

The foregoing resolution was offered by Commissioner **Sally A. Heyman** who moved its adoption. The motion was seconded by Commissioner **Jean Monestime** and upon being put to a vote, the vote was as follows:

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

The Chairperson thereupon declared the resolution duly passed and adopted this 24th day of January, 2012. 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: **Christopher Agrippa**
Deputy Clerk



Approved by County Attorney as to form and legal sufficiency.

Abbie Schwaderer-Raurell

6

Attachment A
Class I Permit Application



Class I Permit Application

RECEIVED FOR DEPARTMENTAL USE ONLY	
Date Received: <div style="text-align: center; font-size: 1.2em; font-weight: bold;">MAY 11 2011</div> <p style="text-align: center; font-size: 0.8em;">DEPM Coastal Resources Section Resources Regulation & Restoration Division (NRRRD)</p>	Application Number: <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2010 CLL-PER-00126</div> Application Fee:

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

1. Applicant Information: Name: <u>City of North Miami/Attn: Aleem Ghany, PE, CFM</u> Address: <u>1815 NE 150th Street</u> <u>North Miami, FL</u> Zip Code: <u>33181</u> Phone #: <u>305.895.9830</u> Fax#: <u>305.787.1008</u> Email: <u>agghany@northmiami.gov</u> <small>* This should be the applicant's information for contact purposes.</small>	2. Applicant's Authorized Permit Agent: <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>Keith & Schnars, PA/Attn: Joyce Howland</u> Address: <u>6500 N. Andrews Avenue</u> <u>Ft. Lauderdale, FL</u> Zip Code: <u>33309</u> Phone #: <u>954.776.1616</u> Fax #: <u>954.771.7690</u> Email: <u>jhowland@keithandschnars.com</u>
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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): _____ Latitude: 25 54'07".77N Longitude: 80 08'40.85"E
 Street Address: Bay Vista Boulevard west of FIU campus Section: 22 Township: 52S Range: 42E
 In City or Town: North Miami Near City or Town: N/A
 Name of waterway at location of the activity: unnamed creeks

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: Construction of 2 pedestrian/bicycle bridges

Estimated project cost = \$ 242,000

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

5. Proposed Use (check all that apply): <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	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): <u>N/A</u> Vessel Make/Model (If known): <u>N/A</u> Draft (s)(range in inches.): <u>N/A</u> Length (s)(range in feet.): <u>N/A</u> Total Number of Slips: <u>N/A</u>
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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
USCG	Advanced Appr.		8/28/09	10/01/09
SFWMD	Std. General	100510-15	05/10/2010	pending
USACE	NW	SAJ-2010-01549	5/10/2010	pending

8

8. Contractor Information (If known):

Name: TBD 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 compliance to all permit conditions.

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MAY 11 2011

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

A. IF APPLICANT IS AN INDIVIDUAL

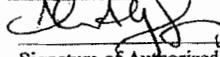
Signature of Applicant _____ Print Applicant's Name _____

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

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

City of North Miami _____ 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.*****

 Aleem Ghany, PE _____ Asst. Public Works Director _____
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 _____

9

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 Bay Vista Blvd. Between NE 135th St & FIU Campus Miami-Dade County, Florida, otherwise identified in the public records of Miami-Dade County as Folio No. See attached

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
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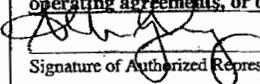
Signature of Owner	Print Owner's Name	Date
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B. IF THE OWNER IS OTHER THAN AN INDIVIDUAL OR NATURAL PERSON

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

City of North Miami/Attn: Aleem Ghany, P.E.	Government	Florida
Print Name of Owner (Enter the complete name as registered)	Type (Corp, LLC, LLP, etc.)	State of Registration/Incorporation
1815 NE 150th Street, North Miami, FL 33181		
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.*****

	Aleem Ghany, P.E.	Asst. Public Works Director	
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

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MAY 11 2011

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

10

Attachment B

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



KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS

July 22, 2011

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

RE: Class 1 Permit Application Number 2010-CL1-PER-00126
Arch Creek Pedestrian Bridges at Bay Vista Boulevard west of FIU

Ladies and Gentlemen:

This letter will certify that Barbara King-Russell, P.E. and Aleem Ghany, P.E. are engineers registered/licensed in the State of Florida, qualified by education and experience in the area of construction and that to the best of their 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 by the engineer responsible for the design process, Barbara King-Russell, P.E.

Barbara King- Russell of Keith & Schnars, P.A. is the engineer of record for the design process for the proposed work, and in her opinion based upon her knowledge and belief, the following will not occur:

- a. Harmful obstruction of 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)

Aleem Ghany, P.E., Public Works Director for the City of North Miami, shall only be responsible for inspections throughout the construction period and shall 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 him, and in his opinion, based upon his foregoing knowledge and belief, the following will not occur:

- e. Harmful obstruction of undesirable alteration of the natural flow of the water within the area of the proposed work.

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JUL 29 2011

6500 North Andrews Avenue • Ft. Lauderdale, Florida 33309-2132
(954) 776-1616 • (800) 488-1255 • Fax (954) 771-7690
www.keithandschnars.com

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

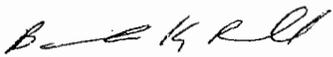
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Miami-Dade DERM
Arch Creek Pedestrian Bridges
Engineers' Certification
July 22, 2011
Page 2 of 2

- f. Harmful or increased erosion, shoaling of channels or stagnant areas of water. (Not applicable to Class IV permits)
- g. Material injury to adjacent property.
- h. Adverse environmental impacts from changes in water quality or quantity. (Applicable to Class IV permits only)

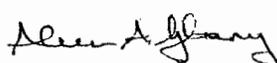
Sincerely,

KEITH and SCHNARS, P.A.


7/22/11
Barbara King-Russell, P.E.
Senior Structural Engineer
P.E. # 41956

Sincerely,

CITY of NORTH MIAMI

 07/22/11.
Aleem Ghany, P.E.
Public Works Director
P.E. # 55408

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JUL 29 2011

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



KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS

13

PERMIT APPLICANT / AUTHORIZED AGENT STATEMENT

Note: Please insert applicable information

Date: July 18, 2011

To:
Miami Dade County DERM
Class I Permitting Program
701 NW 1st Court
Miami FL, 33136

Re: Class I Standard Form Permit Application Number _____, 2010-CL1-PER-00126,
Arch Creek Pedestrian Bridges along Bay Vista Blvd. (insert description of proposed work)

By the attached Class I Standard Form permit application with supporting documents, I, Aleem Ghany, P.E. (insert name), am the (permit applicant) applicant's authorized (circle one) agent and hereby request permission to perform the following: construct two pedestrian/bicycle bridges over unnamed creeks at Bay Vista Blvd. (describe proposed work). 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 applicant 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.

Respectfully submitted,

Aleem A. Ghany 07113111
(Permit Applicant's name), Permit Applicant

or

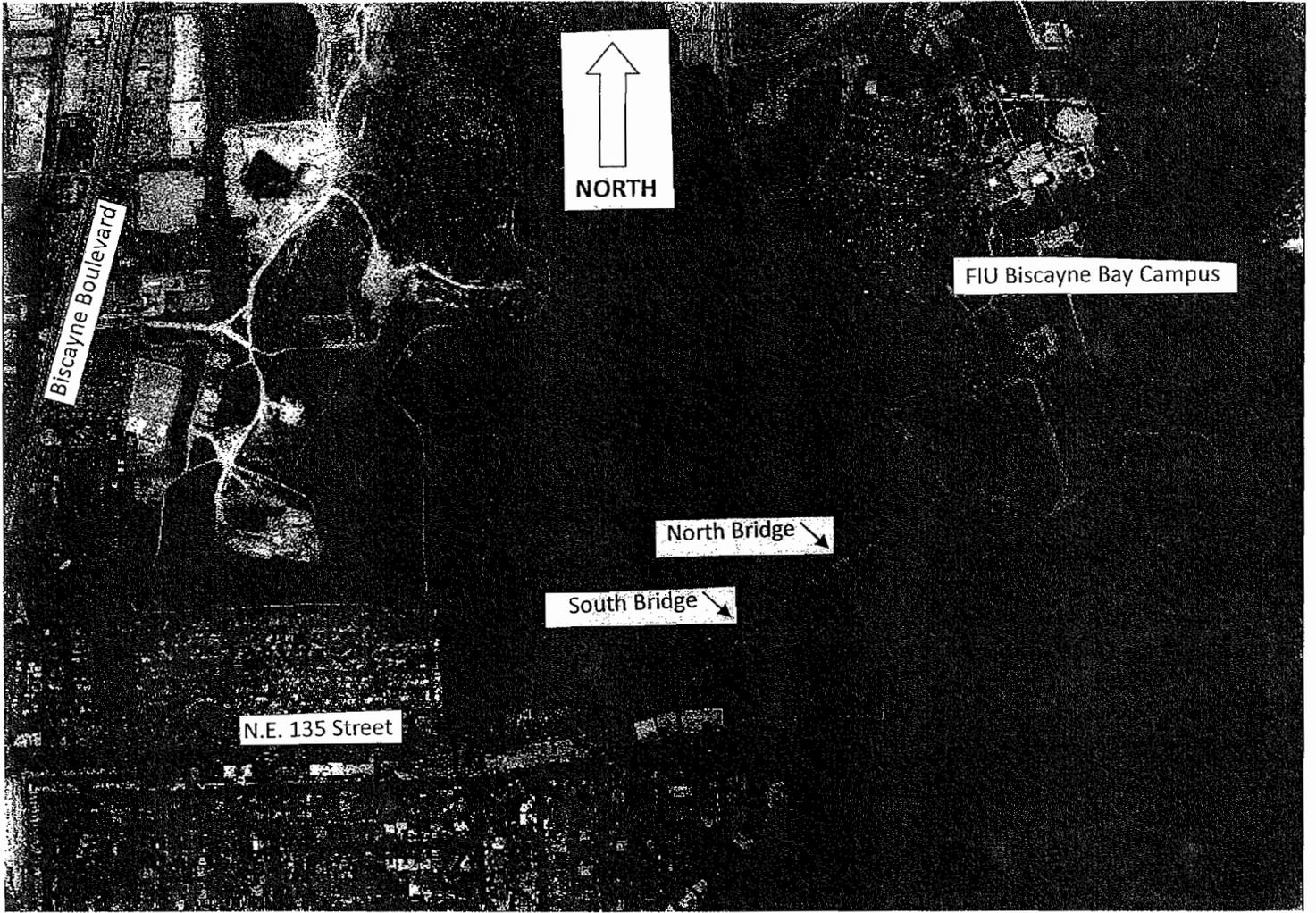
(Authorized Agent's name), Authorized Agent

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

14



GENERAL NOTES:

CONSTRUCTION SPECIFICATIONS:
Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction 2010 Edition, including all supplements and special provisions appended thereto.

DESIGN SPECIFICATIONS:
American Association of State Highway and Transportation Officials (AASHTO) LRFD Bridge Design Specifications, 4th Edition, and approved Interims as specified in the Structures Design Guidelines (SDG), January 2010.

Florida Department of Transportation Structures Design Manual, January 2010.

Technical Special Provisions for Prefabricated Pedestrian Bridge:

DESIGN LOADS:
Pedestrian Live Load: 85 psf
Vehicle Live Load: H-40 TRUCK
Wind Load: per AASHTO 3.8 and FDOT SDG Section 10.5

THERMAL FORCES:
Seasonal variations in temperature for steel truss:
Mean Normal Temperature: 70°
Temperature Rise From Mean: 40°
Temperature Drop From Mean: 40°
Temperature Range: 80°

Concrete Coefficient of Thermal Expansion: 0.000005 per °F
Steel Coefficient of Thermal Expansion: 0.0000065 per °F

ABUTMENT DESIGN REACTIONS:
The following table lists the maximum design loads. The abutments are designed to these maximum loads. If the Contractor provides an alternate prefabricated bridge that provides loads exceeding these values, he must submit calculations and shop drawings for redesign of the substructure to the EOR that are signed and sealed by a Professional Engineer registered in the State of Florida. The cost of which shall be paid for under the pay item number for the prefabricated truss as a lump sum.

BRIDGE REACTIONS	+ DOWNWARD LOAD			- UPWARD LOAD		
	P (LBS)	H (LBS)	L (LBS)	P2 (LBS)	P3 (LBS)	P3 (LBS)
DEAD LOAD**	25,319			6,246		-1,126
UNIFORM LIVE LOAD	15,810					
VEHICLE LOAD	10,000					
WIND LOAD (42 PSF)	± 1,834		7,053			
UPLIFT (20 PSF)	-5,580					
THERMAL						5,988

**** INCLUDES WEIGHT OF DECK**
 P - VERTICAL LOAD - FOUR PER BRIDGE (ONE PER BEARING)
 H - HORIZONTAL LOAD - TWO PER BRIDGE (ONE PER ABUTMENT)
 L - LONGITUDINAL LOAD - FOUR PER BRIDGE (ONE PER BEARING)
 P2 - PIPE, WATER, AND MATERIAL LOAD - TWO PER BRIDGE AT BEARING NEAREST TO PIPE
 P3 - PIPE, WATER, AND MATERIAL LOAD - TWO PER BRIDGE AT BEARING FURTHEST FROM PIPE

UTILITIES:
 All utilities shown are approximate and locations shall be verified by the Contractor prior to the commencement of work. Utility facilities shall not be disturbed or endangered during construction. Should an existing utility be disturbed or damaged during construction, the Contractor shall, at his own expense, restore the utility to a condition satisfactory to the utility owner.

ELEVATIONS:
 All elevations refer to National Geodetic Vertical Datum (NGVD) of 1989.

ENVIRONMENTAL CLASSIFICATION:

Substructure: Extreme Aggressive
 Superstructure: Extremely Aggressive

CONCRETE:
 All concrete shall conform with Section 346 of the FDOT Standard Specifications.

Class IV (Substructural)
 Min. 28 day Strength (psi) 5500
 Location Substructure

Construction joints will be permitted only at those locations indicated on the Plans. Additional construction joints or alterations to those shown shall require approval of the Engineer.

CONCRETE COVER:
 Concrete cover shown in the Plans does not include reinforcement placement and fabrication tolerances unless shown as a minimum cover. See FDOT Standard Specifications for allowable reinforcement placement tolerances.

Cover:
 Substructure (CIP) 4 1/2" Cast against earth
 Substructure (CIP) 4" All other locations

REINFORCING STEEL:
 All reinforcing steel shall be ASTM A615-96a, Grade 60.

All dimensions pertaining to the location of reinforcing are to the centerline of the bar except where the clear dimension is shown to the face of the concrete.

All lap splices, unless otherwise noted in the Plans shall be in accordance with AASHTO's LRFD Bridge Design Specifications, 4th Edition.

CHAMFERS:
 All exposed edges and corners of concrete shall be chamfered 3/4" unless otherwise noted.

FOUNDATIONS:
 All piles shall be 24" Prestressed Concrete Piles. Refer to Sheet B-6 for Pile Capacities.

GENERAL ABBREVIATIONS:

EF	Each Face	Elevation
NF	Near Face	Typical
Cir	Clear Cover	Front Face Block Wall
UN	Unless Otherwise Noted	Max
MIN	Minimum	Min
BOT	Bottom	Station
LT	Left	Point of Curve
RT	Right	Point of Tangent
MHW	Mean High Water	EOR
M LW	Mean Low Water	CJ
TC	Tangent to Curve	Vertical Construction Joint
Core	Concrete	Water Main

MISCELLANEOUS NOTES:
 1. The Contractor shall visit the site before bidding to become familiarized with present site conditions and to determine the nature and accessibility of the work to be done under this contract. No additional compensation will be allowed due to failure to include all items and materials required to perform work required by the contract documents.

2. The Contractor shall be held responsible for all damages caused by the construction operation, which is not included as part of the intended work. All damage to the existing structures, pathways, landscaping, embankment, etc. that is to remain and is not part of the intended work shall be repaired or replaced by the contractor without cost to the City and to the satisfaction of the city.

PAINTING AND APPLIED FINISH COATINGS:

CONCRETE:
 A Class 5 Finish Coating shall be applied to the outside face of the end bent wing walls.

STEEL PEDESTRIAN/BICYCLE PICKET RAILING:
 The railing shall be painted in the shop with self-curing inorganic zinc coating system in accordance with Section 501 of the FDOT Standard Specifications. A three (3) coat system is required. The cost of coating shall be included in unit prices of the railing (Item No. 515-2-20). Colors shall be coordinated with and approved by the city.

TRAFFIC CONTROL NOTES:
 Phase 1 - Construct South Bridge, pavement, sidewalk and guardrail.
 Phase 2 - Remove existing sidewalk connection to existing South Bridge as shown on sheet B-14.
 Phase 3 - Construct North Bridge, pavement, sidewalk and guardrail.
 Phase 4 - Remove existing sidewalk connection to existing North Bridge as shown on sheet B-14.
 Phase 5 - Construct South Bridge, pavement, sidewalk and guardrail.
 Phase 6 - Remove existing sidewalk connection to existing South Bridge as shown on sheet B-14.

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1. Traffic control shall be in accordance with the project plans, the current edition of the Florida DOT Design Standards (600 series), the Standard Specification for Road and Bridge Construction, and the Manual on Uniform Traffic Control Devices as minimum criteria.

2. Contractor shall maintain pedestrian and bicycle traffic at all times.

3. The Traffic and Travel ways shall not be altered by the Contractor to create a work zone until all labor and material are available for the construction in that area.

4. All work shall be performed during daytime only (8:00 AM - 6:00 PM).

5. Contractor shall remove, relocate or cover any existing or proposed signs that conflict with the traffic control plans. When the conflict no longer exists, the Contractor shall restore the signs to their original position. Cost of temporarily removing, relocating, covering and reerecting the signs shall be included in Pay Item 102-1, Maintenance of Traffic.

6. At the end of each work day or whenever the work zone becomes inactive, any drop off greater than 6 in. adjacent to the pedestrian, bicycle, and wheelchair travel paths shall be backfilled flush with the sold paths or protected with temporary fence, concrete barrier wall or approved handrail. Cost shall be included in Pay Item 102-1, Maintenance of Traffic.

BID ITEM NOTES:
 1. The cost of removal of the existing guardrail and portions of the existing concrete pathway and sidewalks, shall be included in the cost of Clearing and Grubbing, Item 10-1-1.
 Reference sheet B-14 for items related to the pathway components.

ENVIRONMENTAL CLASSIFICATION:
 Substructure: Extreme Aggressive
 Superstructure: Extremely Aggressive

CONCRETE:
 All concrete shall conform with Section 346 of the FDOT Standard Specifications.

Class IV (Substructural)
 Min. 28 day Strength (psi) 5500
 Location Substructure

Construction joints will be permitted only at those locations indicated on the Plans. Additional construction joints or alterations to those shown shall require approval of the Engineer.

CONCRETE COVER:
 Concrete cover shown in the Plans does not include reinforcement placement and fabrication tolerances unless shown as a minimum cover. See FDOT Standard Specifications for allowable reinforcement placement tolerances.

Cover:
 Substructure (CIP) 4 1/2" Cast against earth
 Substructure (CIP) 4" All other locations

REINFORCING STEEL:
 All reinforcing steel shall be ASTM A615-96a, Grade 60.

All dimensions pertaining to the location of reinforcing are to the centerline of the bar except where the clear dimension is shown to the face of the concrete.

All lap splices, unless otherwise noted in the Plans shall be in accordance with AASHTO's LRFD Bridge Design Specifications, 4th Edition.

CHAMFERS:
 All exposed edges and corners of concrete shall be chamfered 3/4" unless otherwise noted.

FOUNDATIONS:
 All piles shall be 24" Prestressed Concrete Piles. Refer to Sheet B-6 for Pile Capacities.

GENERAL ABBREVIATIONS:

EF	Each Face	Elevation
NF	Near Face	Typical
Cir	Clear Cover	Front Face Block Wall
UN	Unless Otherwise Noted	Max
MIN	Minimum	Min
BOT	Bottom	Station
LT	Left	Point of Curve
RT	Right	Point of Tangent
MHW	Mean High Water	EOR
M LW	Mean Low Water	CJ
TC	Tangent to Curve	Vertical Construction Joint
Core	Concrete	Water Main

MISCELLANEOUS NOTES:
 1. The Contractor shall visit the site before bidding to become familiarized with present site conditions and to determine the nature and accessibility of the work to be done under this contract. No additional compensation will be allowed due to failure to include all items and materials required to perform work required by the contract documents.

2. The Contractor shall be held responsible for all damages caused by the construction operation, which is not included as part of the intended work. All damage to the existing structures, pathways, landscaping, embankment, etc. that is to remain and is not part of the intended work shall be repaired or replaced by the contractor without cost to the City and to the satisfaction of the city.

PAINTING AND APPLIED FINISH COATINGS:

CONCRETE:
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 1. The cost of removal of the existing guardrail and portions of the existing concrete pathway and sidewalks, shall be included in the cost of Clearing and Grubbing, Item 10-1-1.
 Reference sheet B-14 for items related to the pathway components.

Bud H. Red
7/19/11

REVISIONS

DATE	BY	REVISION

RECEIVED

JUL 29 2011

DEPT. Coastal Resources Section
 Wild Resources Regulation & Restoration
 Division (NRRD)

REVISIONS

DATE	BY	REVISION

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JUL 29 2011

DEPT. Coastal Resources Section
 Wild Resources Regulation & Restoration
 Division (NRRD)

CITY OF NORTH MIAMI
 PUBLIC WORKS DEPARTMENT

FINANCIAL PROJECT TO: 251201-2

PROJECT NAME: ARCH CREEK PEDESTRIAN BRIDGES

SHEET NO. 2

ENVIRONMENTAL:

1. Since work activities will occur within and adjacent to the Biscayne Bay, all standard manatee protection measures should be in place during all work activities. The Contractor is required to adhere to all Federal and State requirements regarding endangered and threatened species and State listed species of special concern. If these species are encountered during construction, West Indian Manatee (*Trichechus manatus latirostris*), a Federal and State listed endangered species, may migrate through the project area. The Applicant and Contractor shall take the following measures to protect manatees during the proposed construction activities:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/ No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Sitiation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatees. All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes passes if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be harassed or harassed into boating.
- e. Any collision with or injury to a manatee shall be reported immediately to the FWC Hotline at 1-888-404-FWCC. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida.
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Awareness signs that have already been approved for this use by the Florida Fish and Wildlife Conservation Commission (FWC) must be used (see www.fwc.com). One sign measuring 30" tall by 24" wide which reads "Caution Boaters: Idle Speed/No Wake" and the shall be visible to all personnel engaged in water-related activities.

2. This project crosses the Biscayne Bay Waterway which at this location is designated as Outstanding Florida Waters (OFW). Adhere to applicable Water Quality Standards during work. No degradation of water quality, increased turbidity of the water, and/or the discharge of any foreign material into the water, shall be permitted. Turbidity shall not exceed 0 NTU's above background outside the turbidity controls.

3. Tidal wetlands are present in close proximity to this project. In order to avoid impacts from construction activities, silt fences should be installed in areas where existing wetlands are adjacent to the proposed improvements. Also, no staging or other activities for this project should occur within existing wetlands or erosion-prone areas adjacent to existing wetlands.

4. This project is in the vicinity of Arch Creek Historical/Archaeological area, which is listed as a Locally Designated Historic District in Miami-Dade County. The Contractor shall coordinate with the Miami-Dade County Archaeologist prior to excavating. The Contractor may be required to acquire a Certificate to Dig.

5. Prevent damaging trees and planters within or immediately adjacent to the project right-of-way.

6. Tree protection should be installed around trees to remain located adjacent to construction activities.

7. The Contractor shall not trim, remove, alter or impact any existing mangroves during construction activities, except as authorized by DERM, SFWD and USACE permits.

8. The project occurs adjacent of, but is not located within the following park:

Oleta River State Recreation Area

No impacts are anticipated to the park since all construction activities associated with this project will occur within the existing Right-of-Way.

Due to the localized nature of the excavation work and location of the proposed improvements away from potential contamination sources, no contamination impacts are expected as a result of the proposed action.

EROSION CONTROL NOTES

1. The erosion control measures per FDOT standard index No. 102 & 103 are the minimum required, additional erosion control measures may be required due to field conditions as directed by the City of North Miami project Engineer or regulatory agencies.
2. The Contractor shall execute all measures necessary to limit the transport of sediments outside the limits of the project to the volume and amount that are existing prior to the commencement of construction. This condition will be satisfied for the total anticipated construction period. Provision must be made to preserve the integrity and capacity of slope drains, grading patterns, etc. required to meet this provision throughout the life of the construction. The Contractor shall provide synthetic bases, silted turbidity barriers, temporary grassing, etc. as required to fully comply with the intent of this specification.
3. No excavated material shall be stockpiled in such a manner as to direct runoff directly off the project site or into any adjacent water body or stormwater collection facility.
4. The surface area of open, raw erodible soil exposed by clearing and grubbing operations or excavation and filling operations shall be controlled, so that this operation will not significantly affect off-site deposit of sediments.

Barbara
7/19/11

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MAY 29 2011

DATE	DESCRIPTION

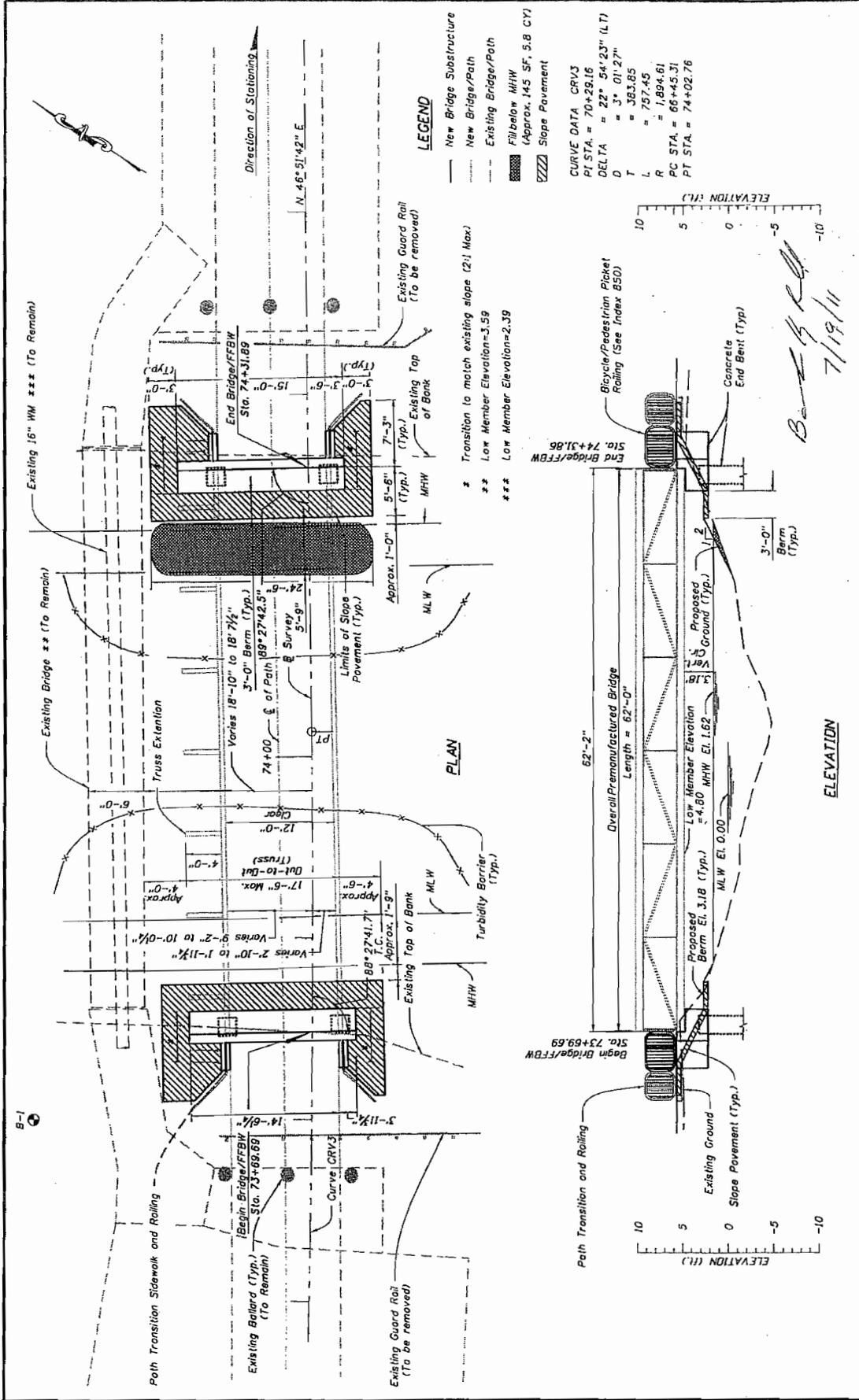


K&S ENGINEERS, PLANNERS, SURVEYORS

 6500 E. Highway 94 North Ft. Lauderdale, FL 33309 (954) 776-9406

CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT	PROJECT NO.	251201-2
ARCH CREEK PEDESTRIAN BRIDGES	SHEET NO.	J

Central Resources Section
 Local Resources Regulation & Restoration
 Division (LRRRD)



LEGEND

— New Bridge Substructure

--- New Bridge/Path

- - - Existing Bridge/Path

▨ Fill below MHW (Approx. 14.5 SF, 5.8 CY)

▧ Slope Pavement

CURVE DATA CRV3

PI STA. = 70+29.16

DELTA = 22° 34' 23" (L T)

D = 3' 01' 27"

T = 383.85

L = 757.45

R = 1,894.61

PC STA. = 66+45.31

PT STA. = 74+02.76

* Transition to match existing slope (2:1 Max)

** Low Member Elevation=3.59

*** Low Member Elevation=2.39

DATE	REVISIONS	DESIGNED BY	PROJECT NO.	SHEET NO.
			PLAN AND ELEVATION (SOUTH BRIDGE)	4
RECEIVED				
CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT				
COUNTY FINANCIAL PROJECT ID				
PROJECT NAME				
ARCH CREEK PEDESTRIAN BRIDGES				
DATE: 09 2011				

DESIGNED BY: KEITH M. SCHNARS, P.A. ENGINEERS, PLANNERS, SURVEYORS

1000 N. Pine Street, Suite 1000, Fort Lauderdale, FL 33304 (954) 774-4506

CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT

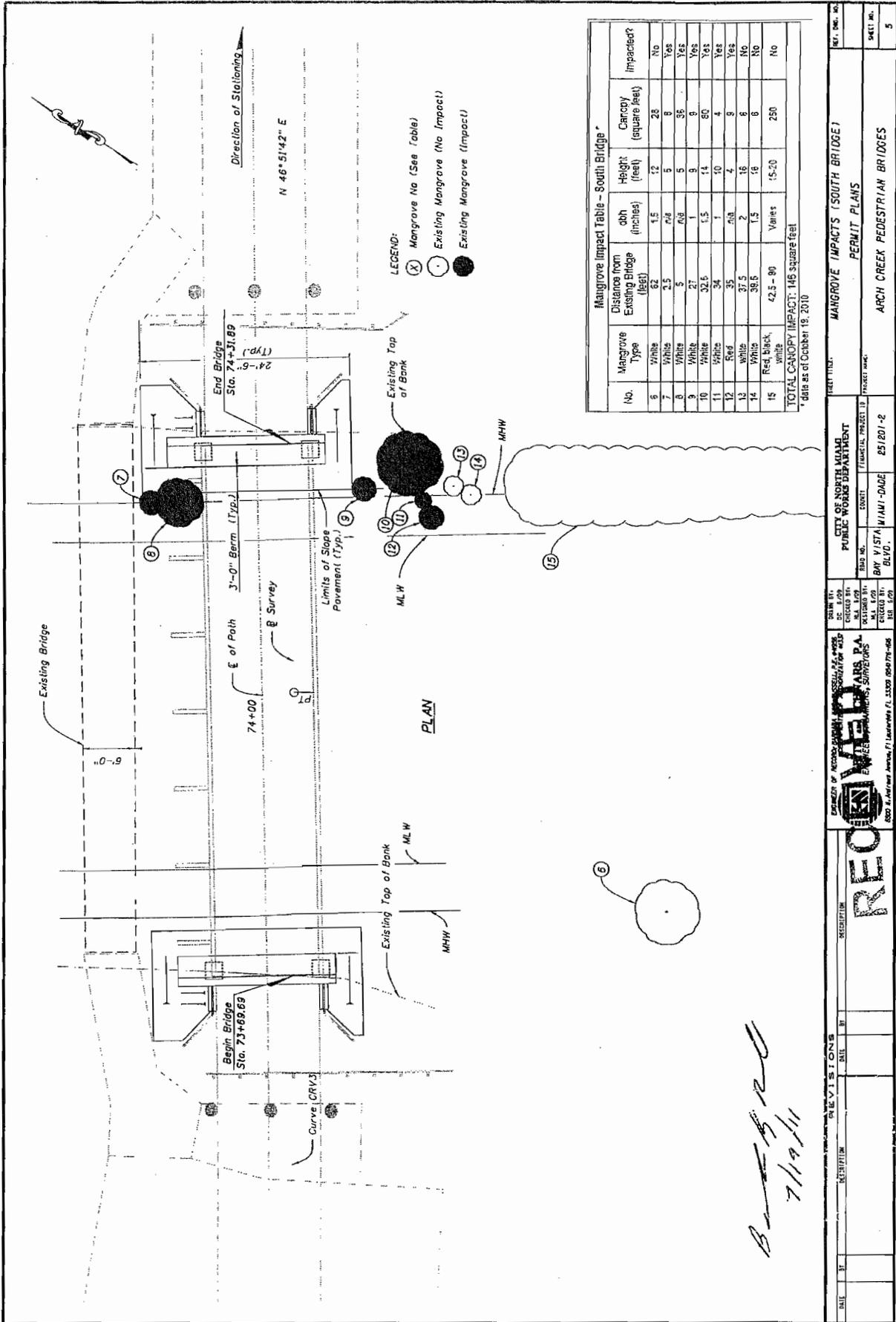
COUNTY FINANCIAL PROJECT ID: 251201-2

PROJECT NAME: ARCH CREEK PEDESTRIAN BRIDGES

DATE: 09 2011

DESIGNED BY: KEITH M. SCHNARS, P.A. ENGINEERS, PLANNERS, SURVEYORS

1000 N. Pine Street, Suite 1000, Fort Lauderdale, FL 33304 (954) 774-4506



PROJECT TITLE: MANGROVE IMPACTS (SOUTH BRIDGE) PERMIT PLANS

CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT

PROJECT NO.: 251201-2

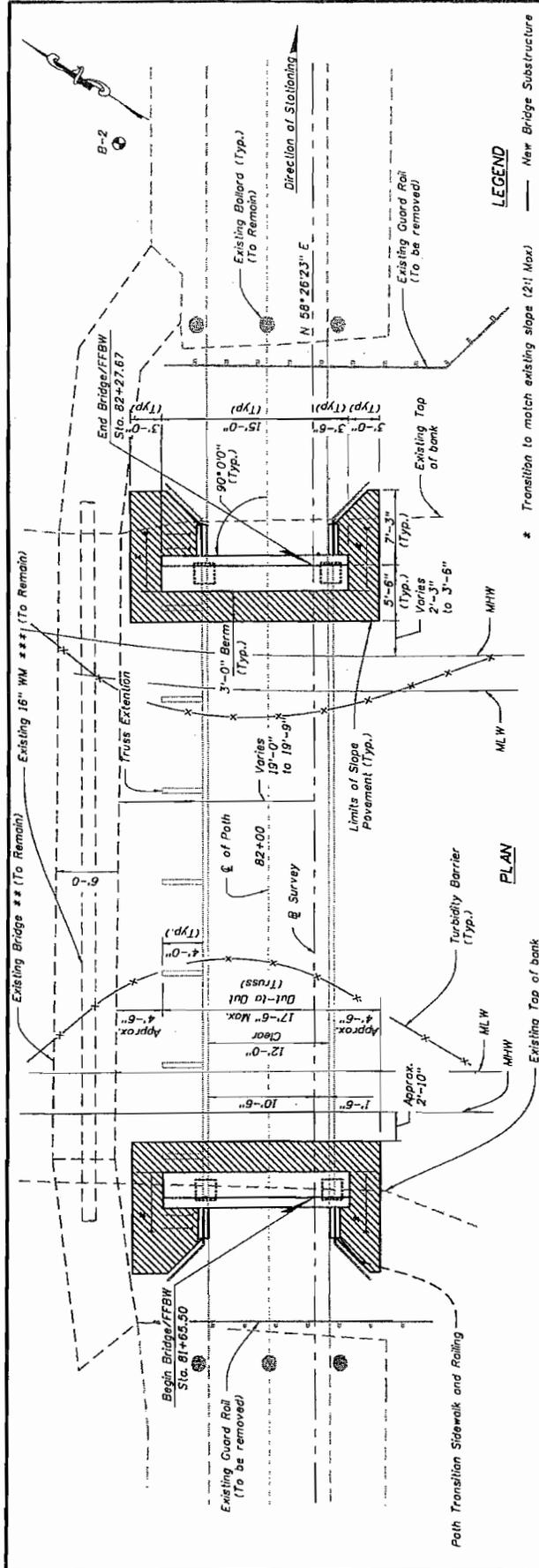
BRIDGE NO.: 251201-2

DATE: 7/19/11

DESIGNER: [Signature]

DATE: JUL 29 2011

DEPARTMENT OF ENVIRONMENTAL REGULATION AND PLANNING DIVISION OF NATURAL RESOURCES RESTORATION

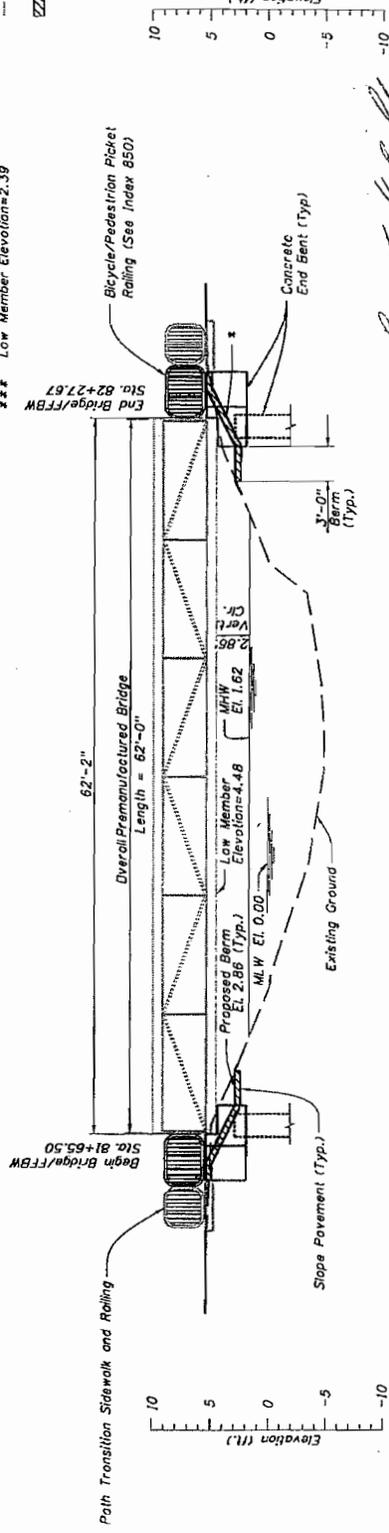


LEGEND

- New Bridge Substructure
- New Bridge/Path
- - - Existing Bridge/Path
- ZZZZ Slope Pavement

* Transition to match existing slope (2:1 Max)
 ** Low Member Elevations=3.59
 *** Low Member Elevations=2.39

PLAN



ELEVATION

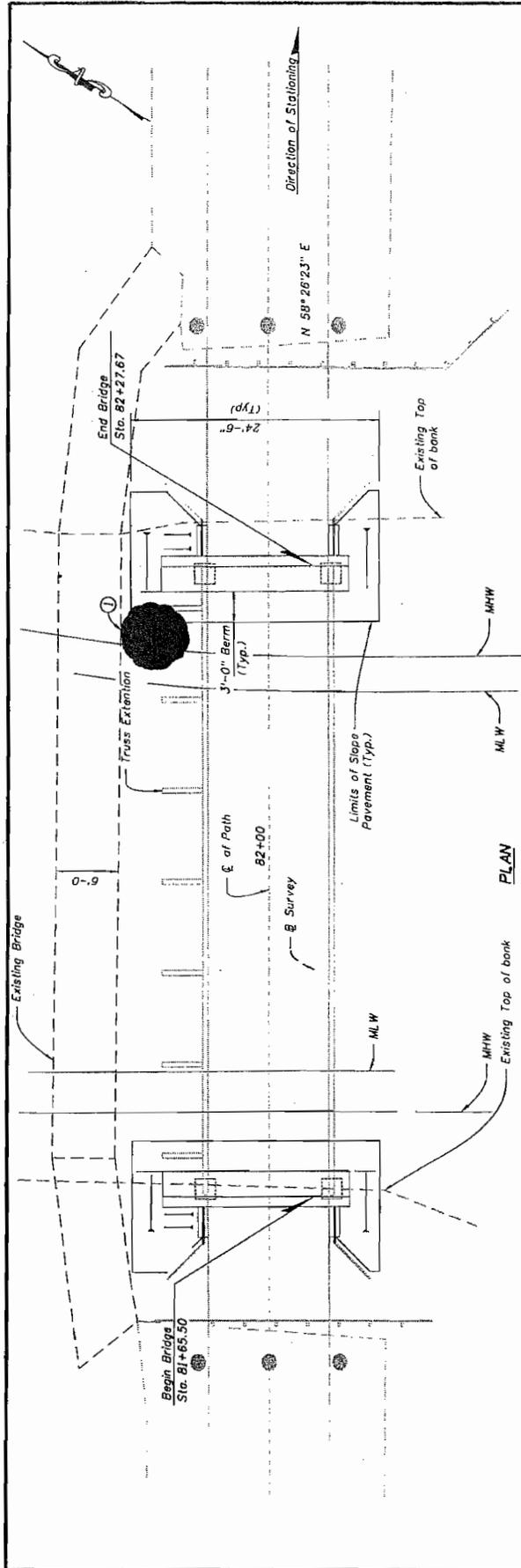
Bozherd
 7/19/11

DATE	BY	REVISION	REVISIONS	DESCRIPTION	DATE	BY	REVISIONS	DESCRIPTION
				CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT COUNTY ENGINEER PROJECT ID: 251201-2 ROAD NO.: BAY W/STA W/AMI-DAGE BLVD. PROJECT NAME: ARCH CREEK PEDESTRIAN BRIDGES				
				NORTH SARASOTA, FLA. ENGINEERS, PLANNERS, ARCHITECTS 6800 E. Avenue Avenue, Ft. Lauderdale, FL 33309 (954) 775-0566 REG. NO. 1203				
DEPARTMENT OF REVENUE AND FINANCE COUNTY OF MIAMI-DADE RECEIVED BY: J.C. 603 RECEIVED BY: M.A. 603 RECEIVED BY: J.E.L. 603				PERMIT NO.: 251201-2 SHEET NO.: 6				

JUL 29 2011

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

21



LEGEND:

- ① Mangrove No. (See Table)
- Existing Mangrove (No Impact)
- Existing Mangrove (Impact)



Mangrove Impact Table - North Bridges *

No.	Mangrove Type	Distance from Existing Bridge (feet)	dbh (inches)	Height (feet)	Canopy (square feet)	Impacted?
1	White	3.25	2	6	54	Yes
2	Black	43	1	4.5	9	No
3	White	47	1	7	24	No
4	White	49	1	9	12	No
5	White	63	1	9	30	No
TOTAL CANOPY IMPACT: 54 square feet						
* DATA AS OF OCTOBER 19, 2010						

Barry R. R. L.
7/19/11

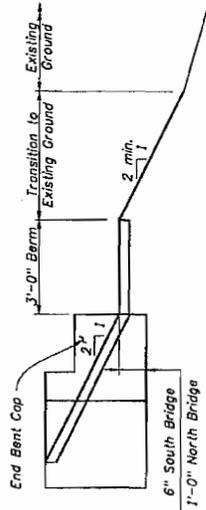
DATE	REVISED	DESCRIPTION	REVISIONS	DATE	BY	REVISION
CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT COUNTY: MIAMI-DADE ROAD NO.: DAN VISTA BLVD. PROJECT NAME: ARCH CREEK PEDESTRIAN BRIDGES			PROJECT NO.: 251201-2 SHEET NO.: 7			

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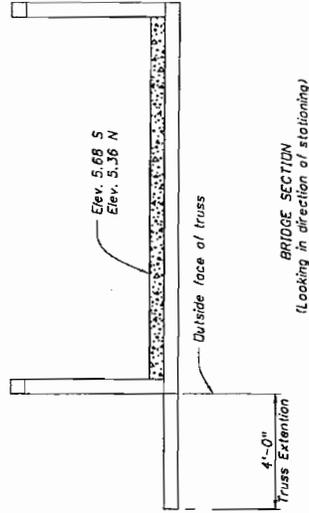
JUL 29 2011

CEM Coastal Resources Section
 Coastal Resources Regulation & Restoration
 Division (NRRRD)

NOTES:
 Filter Fabric shall be Type D-2
 see Design Standard
 Splice length shall be 6'-0" if bedding
 stone specified or 2'-0" if no
 bedding stone specified.



TYPICAL SLOPE PROTECTION DETAIL



CONCEPTUAL UTILITY ATTACHMENT DETAIL

- NOTES:
- The existing member elevation as controlled by End Bent Design shall be maintained for bridge and utility.
 - Provide pipe supports (Anvil International #271, pipe Rail Stand, or approved equal) at 9'-0" max spacing.
 - Pipe supports locations shall be 2'-0" from ballast pipe joints. Coordinate pipe support location with Utility Contractor.

Handwritten signature and date:
 B... 7/19/11

DATE		BY	REVISION	DESCRIPTION
RECEIVED				
OFFICE OF PERMITTING AND REGULATORY SERVICES DIVISION OF ENVIRONMENTAL AND NATURE CONSERVATION KEITH J. SCHVARTZ, P.E. ENGINEER 1100 N. W. 11th St., Ft. Lauderdale, FL 33309 (954) 775-9000				
DATE BY:	DESIGNED BY:	CHECKED BY:	DATE BY:	DESIGNED BY:
05/14/09	05/14/09	05/14/09	05/14/09	05/14/09
CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT		PROJECT NAME: ARCH CREEK PEDESTRIAN BRIDGES		
DATE NO.:	DATE NO.:	DATE NO.:	DATE NO.:	DATE NO.:
01/11/09	01/11/09	01/11/09	01/11/09	01/11/09
SHEET NO. B		SHEET NO. B		

JUL 29 2011

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

Attachment C
Zoning Memorandum

Memorandum



Date: December 22, 2011

To: Lisa Spadafina, Manager *OW for*
Coastal Resources Section
Department of Permitting, Environment and Regulatory Affairs

From: Allison Hill, Biologist II *JB for*
Coastal Resources Section
Department of Permitting, Environment and Regulatory Affairs

Subject: Class I Permit Application by City of North Miami for a Class I-Permit to Install Two Pedestrian Bridges Spanning Tidal Creeks along NE 135 Street in the City of North Miami

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
Property Within
Three Hundred (300) Feet of the Proposed Work**

Arch Creek Pedestrian Bridges
Application No. 2010-CL1-PER-00126

LIST OF ADJACENT PROPERTY OWNERS AND ADDRESSES

State of Florida (Folio No. 06-2222-000-0010)
Board of Trustees of the Internal Improvement Trust Fund (TIITF)
Division of Recreation and Parks
Oleta River State Recreation Area
c/o Marjory Stoneman Douglas Bldg.
3900 Commonwealth Boulevard
Tallahassee, FL 32399

State of Florida (Folio No. 06-2222-000-0030)
Board of Trustees of the Internal Improvement Trust Fund (TIITF)
Florida International University (EDUC)
c/o Marjory Stoneman Douglas Bldg.
3900 Commonwealth Boulevard
Tallahassee, FL 32399

City of North Miami (Folio No. 06-2216-000-0060)
Finance Department
PO Box 610847
North Miami, FL 33261

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MAY 11 2011

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

Attachment E

South Florida Water Management District Permit



**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
 ENVIRONMENTAL RESOURCE
 STANDARD GENERAL PERMIT NO. 13-04969-P
 DATE ISSUED: April 29, 2011**

Form #0941
08/95

PERMITTEE: CITY OF NORTH MIAMI
 1815 N E 150TH STREET
 NORTH MIAMI, FL 33181

PROJECT DESCRIPTION: Construction and operation of a surface water management system to serve a 0.37-acre recreational development known as Arch Creek Pedestrian Bridges.

PROJECT LOCATION: MIAMI-DADE COUNTY, SEC 22 TWP 52S RGE 42E

PERMIT DURATION: See Special Condition No:1. See attached Rule 40E-4.321, Florida Administrative Code.

This is to notify you of the District's agency action concerning Notice of Intent for Permit Application No. 100510-15, dated May 10, 2010. This action is taken pursuant to Rule 40E-1.603 and Chapter 40E-40, Florida Administrative Code (F.A.C.).

Based on the information provided, District rules have been adhered to and an Environmental Resource General Permit is in effect for this project subject to:

1. Not receiving a filed request for a Chapter 120, Florida Statutes, administrative hearing.
2. the attached 19 General Conditions (See Pages: 2 -4 of 6),
3. the attached 14 Special Conditions (See Pages: 5 - 6 of 6) and
4. the attached 2 Exhibit(s)

Should you object to these conditions, please refer to the attached "Notice of Rights" which addresses the procedures to be followed if you desire a public hearing or other review of the proposed agency action. Please contact this office if you have any questions concerning this matter. If we do not hear from you in accordance with the "Notice of Rights," we will assume that you concur with the District's action.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a "Notice of Rights" has been mailed to the Permittee (and the persons listed in the attached distribution list) no later than 5:00 p.m. on this 29th day of April, 2011, in accordance with Section 120.60(8), Florida Statutes.

BY: Anita R. Bain
 Anita R. Bain
 Director - Environmental Resource Permitting Division
 Palm Beach Service Center

Certified mail number 7005 3110 0001 8077 7083

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

29

GENERAL CONDITIONS

1. All activities authorized by this permit shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit and Part IV, Chapter 373, F.S.
2. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.
3. Activities approved by this permit shall be conducted in a manner which does not cause violations of State water quality standards. The permittee shall implement best management practices for erosion and pollution control to prevent violation of State water quality standards. Temporary erosion control shall be implemented prior to and during construction, and permanent control measures shall be completed within 7 days of any construction activity. Turbidity barriers shall be installed and maintained at all locations where the possibility of transferring suspended solids into the receiving waterbody exists due to the permitted work. Turbidity barriers shall remain in place at all locations until construction is completed and soils are stabilized and vegetation has been established. All practices shall be in accordance with the guidelines and specifications described in Chapter 6 of the Florida Land Development Manual; A Guide to Sound Land and Water Management (Department of Environmental Regulation, 1988), incorporated by reference in Rule 40E-4.091, F.A.C. unless a project-specific erosion and sediment control plan is approved as part of the permit. Thereafter the permittee shall be responsible for the removal of the barriers. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.
4. The permittee shall notify the District of the anticipated construction start date within 30 days of the date that this permit is issued. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District an Environmental Resource Permit Construction Commencement Notice Form Number 0960 indicating the actual start date and the expected construction completion date.
5. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an annual status report form. Status report forms shall be submitted the following June of each year.
6. Within 30 days after completion of construction of the permitted activity, the permittee shall submit a written statement of completion and certification by a professional engineer or other individual authorized by law, utilizing the supplied Environmental Resource/Surface Water Management Permit Construction Completion/Certification Form Number 0881A, or Environmental Resource/Surface Water Management Permit Construction Completion Certification - For Projects Permitted prior to October 3, 1995 Form No. 0881B, incorporated by reference in Rule 40E-1.659, F.A.C. The statement of completion and certification shall be based on onsite observation of construction or review of as-built drawings for the purpose of determining if the work was completed in compliance with permitted plans and specifications. This submittal shall serve to notify the District that the system is ready for inspection. Additionally, if deviation from the approved drawings are discovered during the certification process, the certification must be accompanied by a copy of the approved permit drawings with deviations noted. Both the original and revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawings. All surveyed dimensions and elevations shall be certified by a registered surveyor.
7. The operation phase of this permit shall not become effective: until the permittee has complied with the requirements of condition (6) above, and submitted a request for conversion of Environmental Resource Permit from Construction Phase to Operation Phase, Form No. 0920; the District determines the system to be in compliance with the permitted plans and specifications; and the entity approved by the District in accordance with Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit

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MAY 11 2011

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

30

GENERAL CONDITIONS

Applications within the South Florida Water Management District, accepts responsibility for operation and maintenance of the system. The permit shall not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall initiate transfer of the permit to the approved responsible operating entity if different from the permittee. Until the permit is transferred pursuant to Section 40E-1.6107, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

8. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of the phase or portion of the system to a local government or other responsible entity.
9. For those systems that will be operated or maintained by an entity that will require an easement or deed restriction in order to enable that entity to operate or maintain the system in conformance with this permit, such easement or deed restriction must be recorded in the public records and submitted to the District along with any other final operation and maintenance documents required by Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit applications within the South Florida Water Management District, prior to lot or units sales or prior to the completion of the system, whichever comes first. Other documents concerning the establishment and authority of the operating entity must be filed with the Secretary of State, county or municipal entities. Final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local government entity. Failure to submit the appropriate final documents will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system and any other permit conditions.
10. Should any other regulatory agency require changes to the permitted system, the permittee shall notify the District in writing of the changes prior to implementation so that a determination can be made whether a permit modification is required.
11. This permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and Chapter 40E-4 or Chapter 40E-40, F.A.C..
12. The permittee is hereby advised that Section 253.77, F.S. states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the State, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereign lands or other state-owned lands.
13. The permittee must obtain a Water Use permit prior to construction dewatering, unless the work qualifies for a general permit pursuant to Subsection 40E-20.302(3), F.A.C., also known as the "No Notice" Rule.
14. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the permit.
15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit

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GENERAL CONDITIONS

application, including plans or other supporting documentation, shall not be considered binding, unless a specific condition of this permit or a formal determination under Section 373.421(2), F.S., provides otherwise.

16. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of a permitted system or the real property on which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rules 40E-1.6105 and 40E-1.6107, F.A.C.. The permittee transferring the permit shall remain liable for corrective actions that may be required as a result of any violations prior to the sale, conveyance or other transfer of the system.
17. Upon reasonable notice to the permittee, District authorized staff with proper identification shall have permission to enter, inspect, sample and test the system to insure conformity with the plans and specifications approved by the permit.
18. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the appropriate District service center.
19. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

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Natural Resources Regulation & Restoration
Division (NRRRD)

32

SPECIAL CONDITIONS

1. The construction phase of this permit shall expire on April 29, 2016.
2. Operation of the surface water management system shall be the responsibility of PERMITTEE.
3. The permittee shall be responsible for the correction of any erosion, shoaling or water quality problems that result from the construction or operation of the surface water management system.
4. Measures shall be taken during construction to insure that sedimentation and/or turbidity violations do not occur in the receiving water.
5. The District reserves the right to require that additional water quality treatment methods be incorporated into the drainage system if such measures are shown to be necessary.
6. Facilities other than those stated herein shall not be constructed without an approved modification of this permit.
7. A stable, permanent and accessible elevation reference shall be established on or within one hundred (100) feet of all permitted discharge structures no later than the submission of the certification report. The location of the elevation reference must be noted on or with the certification report.
8. The permittee shall provide routine maintenance of all of the components of the surface water management system in order to remove all trapped sediments/debris. All materials shall be properly disposed of as required by law. Failure to properly maintain the system may result in adverse flooding conditions.
9. This permit is issued based on the applicant's submitted information which reasonably demonstrates that adverse water resource related impacts will not be caused by the completed permit activity. Should any adverse impacts caused by the completed surface water management system occur, the District will require the permittee to provide appropriate mitigation to the District or other impacted party. The District will require the permittee to modify the surface water management system, if necessary, to eliminate the cause of the adverse impacts.
10. The permittee acknowledges that, pursuant to Rule 40E-4.101(2), F.A.C., a notice of Environmental Resource or Surface Water Management Permit may be recorded in the county public records. Pursuant to the specific language of the rule, this notice shall not be considered an encumbrance upon the property.
11. If prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, the permitted project should cease all activities involving subsurface disturbance in the immediate vicinity of such discoveries. The permittee, or other designee, should contact the Florida Department of State, Division of Historical Resources, Review and Compliance Section at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Project activities should not resume without verbal and/or written authorization from the Division of Historical Resources. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, Florida Statutes.
12. All contractors must be provided with a copy of the staff report and permit conditions prior to the commencement of construction. The permittee is responsible for ensuring that all contractors adhere to the project construction details and methods indicated on the attached permit Exhibits and described herein.
13. The permittee and all designated contractors shall adhere to all project and construction details and methodology indicated on the enclosed permit Exhibits and described herein.

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Natural Resources Regulation & Restoration
Division (NRRRD)

33

SPECIAL CONDITIONS

14. Silt screens, hay bales, turbidity screens/barriers or other such sediment control measures shall be utilized during construction. The selected sediment control measures shall be installed prior to the commencement of construction in or adjacent to other surface waters in accordance with (Exhibit 2, pages 2 and 3) and shall remain in place until all adjacent construction is completed. All areas shall be stabilized and vegetated immediately after construction to prevent erosion into the surface waters.

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NOTICE OF RIGHTS

As required by Sections 120.569(1), and 120.60(3), Fla. Stat., following is notice of the opportunities which may be available for administrative hearing or judicial review when the substantial interests of a party are determined by an agency. Please note that this Notice of Rights is not intended to provide legal advice. Not all the legal proceedings detailed below may be an applicable or appropriate remedy. You may wish to consult an attorney regarding your legal rights.

RIGHT TO REQUEST ADMINISTRATIVE HEARING

A person whose substantial interests are or may be affected by the South Florida Water Management District's (SFWMD or District) action has the right to request an administrative hearing on that action pursuant to Sections 120.569 and 120.57, Fla. Stat. Persons seeking a hearing on a District decision which does or may determine their substantial interests shall file a petition for hearing with the District Clerk within 21 days of receipt of written notice of the decision, unless one of the following shorter time periods apply: 1) within 14 days of the notice of consolidated intent to grant or deny concurrently reviewed applications for environmental resource permits and use of sovereign submerged lands pursuant to Section 373.427, Fla. Stat.; or 2) within 14 days of service of an Administrative Order pursuant to Subsection 373.119(1), Fla. Stat. "Receipt of written notice of agency decision" means receipt of either written notice through mail, or electronic mail, or posting that the District has or intends to take final agency action, or publication of notice that the District has or intends to take final agency action. Any person who receives written notice of a SFWMD decision and fails to file a written request for hearing within the timeframe described above waives the right to request a hearing on that decision.

Filing Instructions

The Petition must be filed with the Office of the District Clerk of the SFWMD. Filings with the District Clerk may be made by mail, hand-delivery or facsimile. **Filings by e-mail will not be accepted.** Any person wishing to receive a clerked copy with the date and time stamped must provide an additional copy. A petition for administrative hearing is deemed filed upon receipt during normal business hours by the District Clerk at SFWMD headquarters in West Palm Beach, Florida. Any document received by the office of the SFWMD Clerk after 5:00 p.m. shall be filed as of 8:00 a.m. on the next regular business day. Additional filing instructions are as follows:

- Filings by mail must be addressed to the Office of the SFWMD Clerk, P.O. Box 24680, West Palm Beach, Florida 33416.
- Filings by hand-delivery must be delivered to the Office of the SFWMD Clerk. **Delivery of a petition to the SFWMD's security desk does not constitute filing. To ensure proper filing, it will be necessary to request the SFWMD's security officer to contact the Clerk's office.** An employee of the SFWMD's Clerk's office will receive and file the petition.
- Filings by facsimile must be transmitted to the SFWMD Clerk's Office at (561) 682-6010. Pursuant to Subsections 28-106.104(7), (8) and (9), Fla. Admin. Code, a party who files a document by facsimile represents that the original physically signed document will be retained by that party for the duration of that proceeding and of any subsequent appeal or subsequent proceeding in that cause. Any party who elects to file any document by facsimile shall be responsible for any delay, disruption, or interruption of the electronic signals and accepts the full risk that the document may not be properly filed with the clerk as a result. The filing date for a document filed by facsimile shall be the date the SFWMD Clerk receives the complete document.

Initiation of an Administrative Hearing

Pursuant to Rules 28-106.201 and 28-106.301, Fla. Admin. Code, initiation of an administrative hearing shall be made by written petition to the SFWMD in legible form and on 8 and 1/2 by 11 inch white paper. All petitions shall contain:

1. Identification of the action being contested, including the permit number, application number, District file number or any other SFWMD identification number, if known.
2. The name, address and telephone number of the petitioner and petitioner's representative, if any.
3. An explanation of how the petitioner's substantial interests will be affected by the agency determination.
4. A statement of when and how the petitioner received notice of the SFWMD's decision.
5. A statement of all disputed issues of material fact. If there are none, the petition must so indicate.
6. A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the SFWMD's proposed action.
7. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the SFWMD's proposed action.
8. If disputed issues of material fact exist, the statement must also include an explanation of how the alleged facts relate to the specific rules or statutes.
9. A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the SFWMD to take with respect to the SFWMD's proposed action.

A person may file a request for an extension of time for filing a petition. The SFWMD may, for good cause, grant the request. Requests for extension of time must be filed with the SFWMD prior to the deadline for filing a petition for hearing. Such requests for extension shall contain a certificate that the moving party has consulted with all other parties concerning the extension and that the SFWMD and any other parties agree to or oppose the extension. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

If the District takes action with substantially different impacts on water resources from the notice of intended agency decision, the persons who may be substantially affected shall have an additional point of entry pursuant to Rule 28-106.111, Fla. Admin. Code, unless otherwise provided by law.

Mediation

The procedures for pursuing mediation are set forth in Section 120.573, Fla. Stat., and Rules 28-106.111 and 28-106.401-405, Fla. Admin. Code. The SFWMD is not proposing mediation for this agency action under Section 120.573, Fla. Stat., at this time.

RIGHT TO SEEK JUDICIAL REVIEW

Pursuant to Sections 120.60(3) and 120.68, Fla. Stat., a party who is adversely affected by final SFWMD action may seek judicial review of the SFWMD's final decision by filing a notice of appeal pursuant to Florida Rule of Appellate Procedure 9.110 in the Fourth District Court of Appeal or in the appellate district where a party resides and filing a second copy of the notice with the SFWMD Clerk within 30 days of rendering of the final SFWMD action.

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36

40E-4.321 Duration of Permits.

(1) Unless revoked or otherwise modified the duration of an environmental resource permit issued under this chapter or Chapter 40E-40, F.A.C., is as follows:

(a) For a conceptual approval, two years from the date of issuance or the date specified as a condition of the permit, unless within that period an application for an individual or standard general permit is filed for any portion of the project. If an application for an environmental resource permit is filed, then the conceptual approval remains valid until final action is taken on the environmental resource permit application. If the application is granted, then the conceptual approval is valid for an additional two years from the date of issuance of the permit. Conceptual approvals which have no individual or standard general environmental resource permit applications filed for a period of two years shall expire automatically at the end of the two year period.

(b) For a conceptual approval filed concurrently with a development of regional impact (DRI) application for development approval (ADA) and a local government comprehensive plan amendment, the duration of the conceptual approval shall be two years from whichever one of the following occurs at the latest date:

1. The effective date of the local government's comprehensive plan amendment,
2. The effective date of the local government development order,
3. The date on which the District issues the conceptual approval, or
4. The date on which the District issues a final order pertaining to the resolution of any Section 120.57, F.S., administrative proceeding or other legal appeals.

(c) For an individual or standard general environmental resource permit, the construction phase authorizing construction, removal, alteration or abandonment of a system shall expire five years from the date of issuance or such amount of time as made a condition of the permit.

(d) For an individual or standard general environmental resource permit, the operational phase of the permit is perpetual for operation and maintenance.

(e) For a noticed general permit issued pursuant to Chapter 40E-400, F.A.C., five years from the date the notice of intent to use the permit is provided to the District.

(2)(a) Unless prescribed by special permit condition, permits expire automatically according to the timeframes indicated in this rule. If application for extension is made by electronic mail at the District's e-Permitting website or in writing pursuant to subsection (3), the permit shall remain in full force and effect until:

1. The Governing Board takes action on an application for extension of an individual permit, or
2. Staff takes action on an application for extension of a standard general permit.

(b) Installation of the project outfall structure shall not constitute a vesting of the permit.

(3) The permit extension shall be issued provided that a permittee files a written request with the District showing good cause prior to the expiration of the permit. For the purpose of this rule, good cause shall mean a set of extenuating circumstances outside of the control of the permittee. Requests for extensions, which shall include documentation of the extenuating circumstances and how they have delayed this project, will not be accepted more than 180 days prior to the expiration date.

(4) Substantial modifications to Conceptual Approvals will extend the duration of the Conceptual Approval for two years from the date of issuance of the modification. For the purposes of this section, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different water resource or environmental impacts which require a detailed review.

(5) Substantial modifications to individual or standard general environmental resource permits issued pursuant to a permit application extend the duration of the permit for three years from the date of issuance of the modification. Individual or standard general environmental resource permit modifications do not extend the duration of a conceptual approval.

(6) Permit modifications issued pursuant to paragraph 40E-4.331(2)(b), F.A.C. (letter modifications) do not extend the duration of the permit.

(7) Failure to complete construction or alteration of the surface water management system and obtain operation phase approval from the District within the permit duration shall require a new permit authorization in order to continue construction unless a permit extension is granted.

Specific Authority 373.044, 373.113, 668.003, 668.004, 668.50 FS. Law Implemented 373.413, 373.416, 373.419, 373.426, 668.003, 668.004, 668.50 FS. History--New 9-3-81, Amended 1-31-82, 12-1-82, Formerly 16K-4.07(4), Amended 7-1-86, 4-20-94, 10-3-95, 5-28-00, 10-1-06.

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37

Last Date For Agency Action: May 27, 2011

GENERAL ENVIRONMENTAL RESOURCE PERMIT STAFF REPORT

Project Name: Arch Creek Pedestrian Bridges
Permit No.: 13-04969-P
Application No.: 100510-15
Application Type: Environmental Resource (New General Permit)
Location: Miami-Dade County, S22/T52S/R42E
Permittee : City Of North Miami
Operating Entity : Permittee
Project Area: 0.37 acres
Project Land Use: Recreational
Drainage Basin: INTRACOASTAL WATERWAY
Receiving Body: Arch Creek Canal
Special Drainage District: NA
Conservation Easement To District : No
Sovereign Submerged Lands: No

Class: OFW

PROJECT PURPOSE:

This application is a request for an Environmental Resource Permit to authorize construction and operation of a surface water management system serving two pedestrian bridge crossing improvement project, totaling 0.37 acres. The project is known as Arch Creek Pedestrian Bridges.

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38

PROJECT EVALUATION:

PROJECT SITE DESCRIPTION:

The proposed project site is for the construction of pedestrian bridges located along Bay Vista Boulevard, connecting NE 135th Street and the Florida International University (FIU) Biscayne Bay campus in the City of North Miami, Miami-Dade County see Exhibit 1. The new bridges will span the Arch Creek waterway and will be aligned slightly east of the existing smaller pedestrian bridges to line up with the recently constructed pedestrian/bike path. No seagrasses or benthic resources are located within the project area for the new bridges; however, several species of fish were seen under the bridge. The existing shoreline area contains scattered Australian pine seedlings and two isolated mangrove trees; otherwise, there are no wetlands located within or affected by the proposed project. Impacts are proposed to 0.06-acres of other surface waters with project development.

PROPOSED PROJECT:

The proposed project entails the construction of two pedestrian bridges, each with width of 14'-0" and length of 62'-2" along the Bay Vista Boulevard connecting NE 135th Street and the FIU Biscayne Bay Campus. Stormwater runoff from the proposed additional impervious area for the bike path bridges will be directed to adjacent triangular ditches (STA. 72+41.00 to STA. 75+51.14 and STA. 80+43.73 to STA. 83+49.30) along the Bay Vista Boulevard bike path. The required water quality treatment volume of 0.04 ac-ft, based on 2.50 inches times the acreage of the additional impervious area, will be retained within the ditches with crest at elevation 5.10 ft NGVD prior to overflow into the Arch Creek Canal. Once the new bridges are installed, the two old bridges will remain in place until funds are acquired to remove them from the area.

The bridge construction will require impacts to two individual white mangrove trees. However, no mitigation is required since the impacts are minimal.

LAND USE:

Construction:
Project:

This Phase

Pavement	.37	acres
Total:	.37	

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WATER QUANTITY :

Discharge Rate :

No increase in offsite discharge will occur as a result of the construction of the pedestrian bridges.

Control Elevation :

Basin	Area (Acres)	Ctrl Elev (ft, NGVD 29)	WSWT Ctrl Elev (ft, NGVD 29)	Method Of Determination
Arch Creek Bridges	.37	1.62/1.62	1.62	Mean High Water

WATER QUALITY :

Stormwater runoff will be directed to adjacent swales along the Bay Vista Boulevard bike path. Water quality treatment will be provided within swales (STA. 72+41.00 to STA 75+51.14 and STA. 80+43.73 to STA. 83+49.30) prior to overflow into the Arch Creek Canal.

To prevent any fill impacts into the Biscayne Bay Aquatic Preserve during bridge construction, turbidity barriers are proposed to be installed and must remain in place until all work is completed (see Exhibit 2, Page 1 of 7). Once the project is completed the turbidity barriers must be removed from the project area to prevent any impacts to the Biscayne Bay.

Basin	Treatment Method	Vol Req.d (ac-ft)	Vol Prov'd	
Arch Creek Bridges	Treatment	Dry Retention	.04	.04

WETLANDS:

Wetland Inventory :

CONSTRUCTION MOD -Arch Creek Pedestrian Bridges

Site Id	Site Type	Pre-Development				Post-Development						
		Pre Fluc cs	AA Type	Acreage (Acres)	Current Wo Pres	With Project	Time Lag (Yrs)	Risk Factor	Pres. Adj. Factor	Post Fluc cs	Adj Delta	Functional Gain / Loss
1	OFF	500	Direct	.06							.000	.000
Total:				.06								.00

Fluc cs Code	Description
500	Water

CERTIFICATION AND MAINTENANCE OF THE WATER MANAGEMENT SYSTEM:

It is suggested that the permittee retain the services of a Professional Engineer registered in the State of Florida for periodic observation of construction of the surface water management (SWM) system. This will facilitate the completion of construction completion certification Form #0881 which is required pursuant to Section 10 of the Basis of Review for Environmental Resource Permit Applications within the South Florida Water Management District, and Rule 40E-4.361(2), Florida Administrative Code (F.A.C.).

Pursuant to Chapter 40E-4 F.A.C., this permit may not be converted from the construction phase to the operation phase until certification of the SWM system is submitted to and accepted by this District. Rule 40E-4.321(7) F.A.C. states that failure to complete construction of the SWM system and obtain operation phase approval from the District within the permit duration shall require a new permit authorization unless a permit extension is granted.

For SWM systems permitted with an operating entity who is different from the permittee, it should be noted that until the permit is transferred to the operating entity pursuant to Rule 40E-1.6107, F.A.C., the permittee is liable for compliance with the terms of this permit.

App.no. : 100510-15

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40

The permittee is advised that the efficiency of a SWM system will normally decrease over time unless the system is periodically maintained. A significant reduction in flow capacity can usually be attributed to partial blockages of the conveyance system. Once flow capacity is compromised, flooding of the project may result. Maintenance of the SWM system is required to protect the public health, safety and the natural resources of the state. Therefore, the permittee must have periodic inspections of the SWM system performed to ensure performance for flood protection and water quality purposes. If deficiencies are found, it is the responsibility of the permittee to correct these deficiencies in a timely manner.

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Division (NRRRD)

41

RELATED CONCERNS:

Water Use Permit Status:

The applicant has indicated that a Water Use permit is not required for the construction of this project. This permit does not release the permittee from obtaining all necessary Water Use authorization(s) prior to the commencement of activities which will require such authorization, including construction dewatering and irrigation.

CERP:

The proposed project is not located within or adjacent to a Comprehensive Everglades Restoration Project component.

Right-Of-Way Permit Status:

A District Right-of-Way Permit is not required for this project.

Historical/Archeological Resources:

The District has received correspondence from the Florida Department of State, Division of Historical Resources indicating that the agency has no objections to the issuance of this permit.

DCA/CZM Consistency Review:

The issuance of this permit constitutes a finding of consistency with the Florida Coastal Management Program.

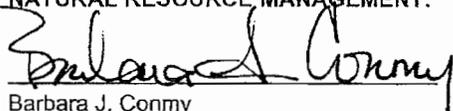
Enforcement:

There has been no enforcement activity associated with this application.

STAFF REVIEW:

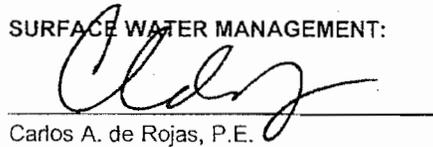
DIVISION APPROVAL:

NATURAL RESOURCE MANAGEMENT:


Barbara J. Conmy

DATE: 4/28/11

SURFACE WATER MANAGEMENT:


Carlos A. de Rojas, P.E.

DATE: 4/29/11

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App.no.: 100510-15

Page 5 of 5

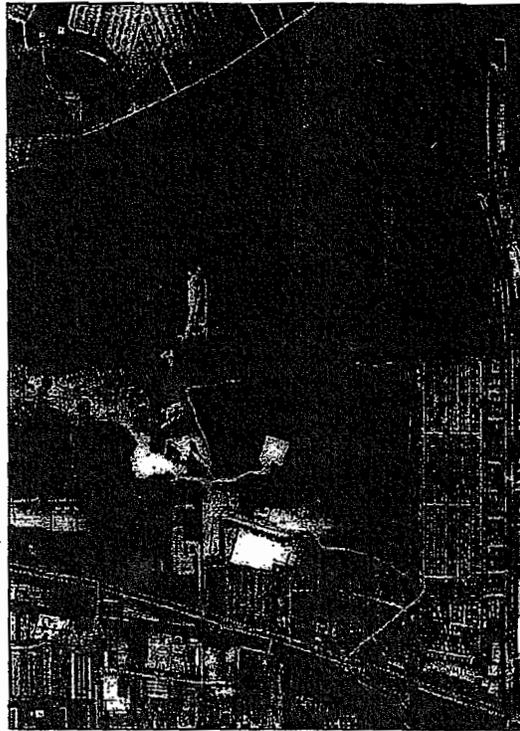
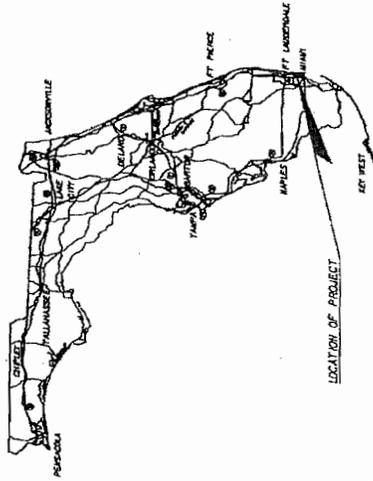
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Division (NRRD)
Everglades & Restoration
Section

42

CITY OF NORTH MIAMI PERMIT PLANS

FINANCIAL PROJECT ID 251201-2
MIAMI-DADE COUNTY (87030)

ARCH CREEK PEDESTRIAN BRIDGES PEDESTRIAN BRIDGE PLANS



SUP. DRAWINGS
TO BE SUBMITTED TO:
BARBARA KING-RUSSELL, P.E.
KEITH AND SCHNARS, P.A.
4 ANDRONS AVENUE
FT. LAUDERDALE, FLORIDA 33309
OFFICE PHONE: (954) 776-3535
FAX: (954) 776-3536



PLANS PREPARED BY:
KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS
CERTIFICATE OF AUTHORIZATION NO. 1317
KEITH AND SCHNARS, P.A.
6500 K. ANDRONS AVENUE
FT. LAUDERDALE, FLORIDA 33309
(954) 776-3535
FAX (954) 776-3536
FEDORIN NO. 99-1008-307

NOTE: THE SCALE OF THESE PLANS
MAY HAVE CHANGED DUE TO
REPRODUCTION.

KEY SHEET REVISIONS	
DATE	DESCRIPTION

STRUCTURAL PLANS
ENGINEER OF RECORD: BARBARA KING-RUSSELL, P.E.
P.E. NO. 7-4096

FISCAL YEAR	SHEET NO.
09	1

CITY OF NORTH MIAMI PROJECT MANAGER: TANWA WILSON-SEDOUR

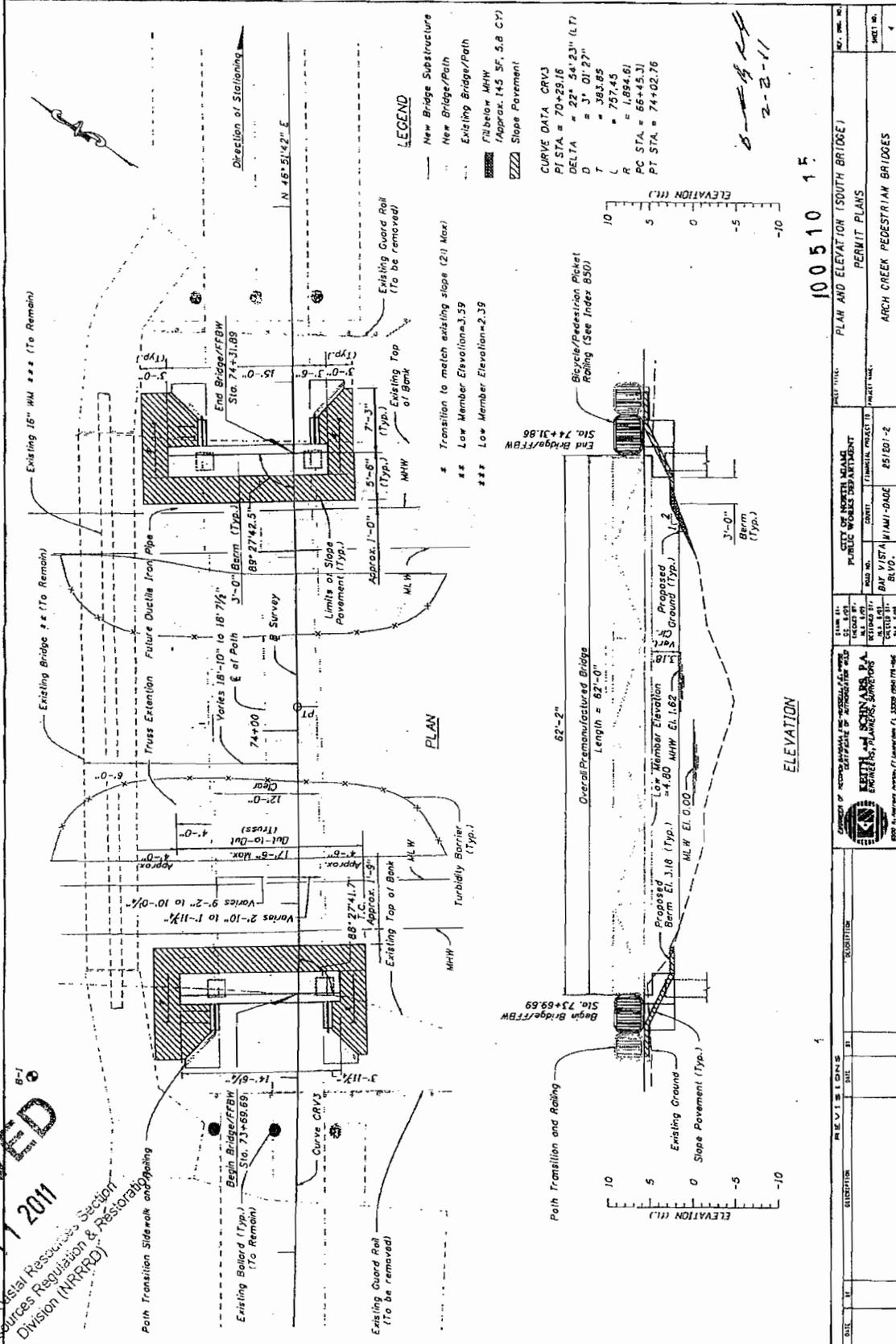
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ADDITIONAL SUBMITTAL
MAR 8 2011

Handwritten notes:
done by R.R.H.
2-2-11

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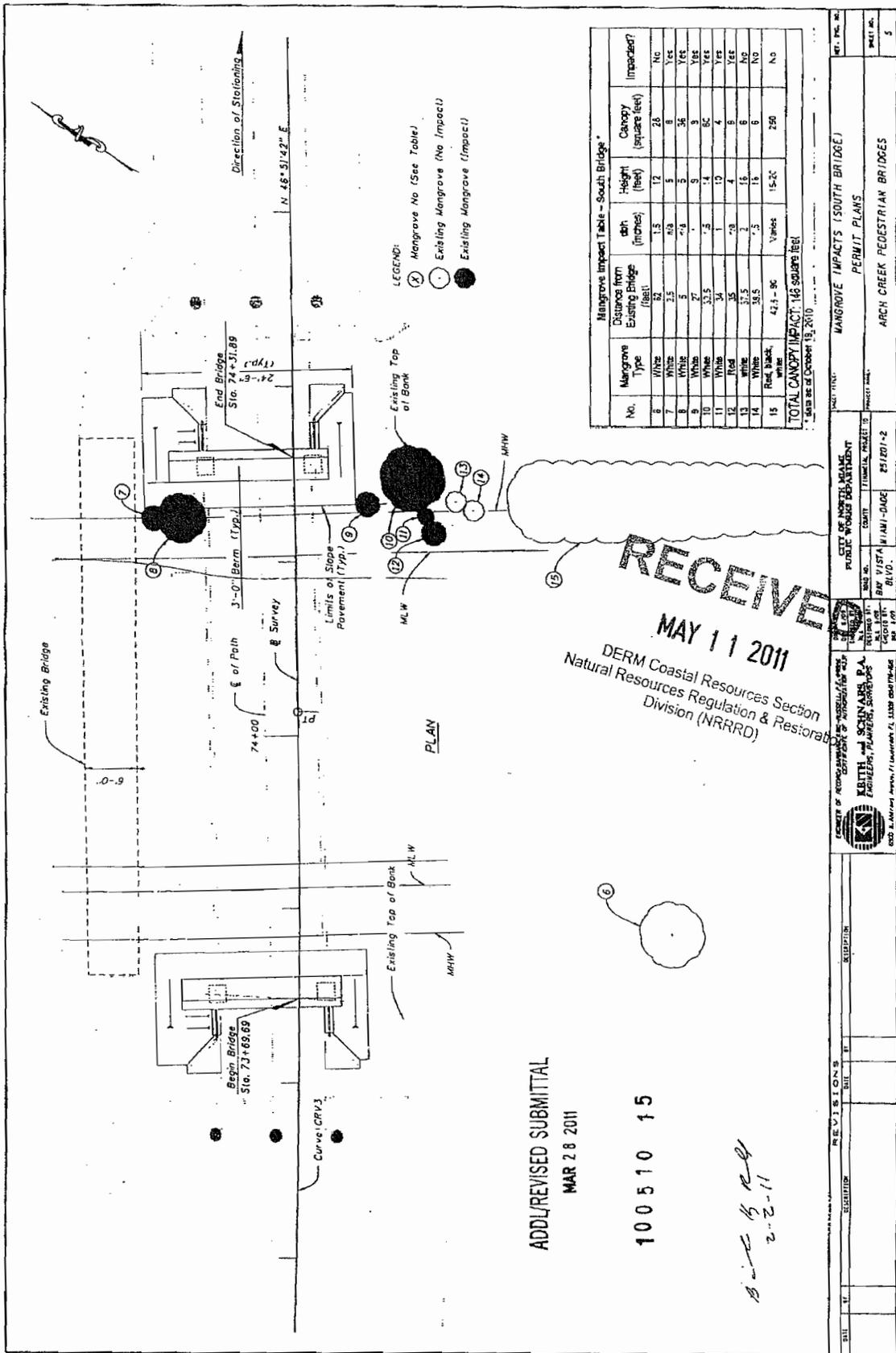
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 PERMIT PLANS
 ARCH CREEK PEDESTRIAN BRIDGES

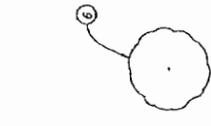
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ADD/REVISED SUBMITTAL
MAR 28 2011

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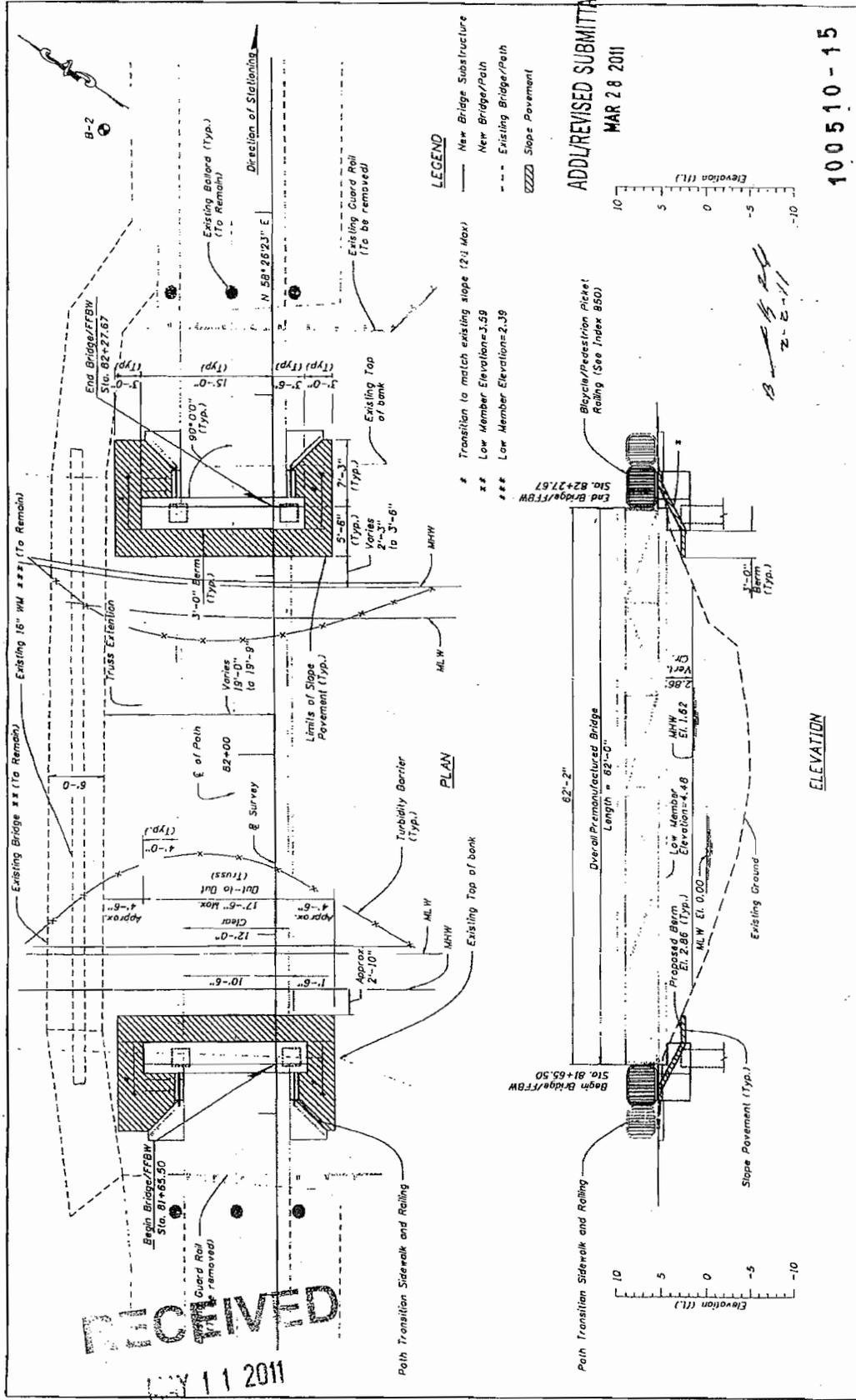


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PROJECT NO.	100510-15
PROJECT NAME	ARCH CREEK PEDESTRIAN BRIDGES
DATE	03/10/11
SCALE	AS SHOWN
DESIGNER	PAUL & J. SCHNABER, P.A. ENGINEERS, PLANNERS, ARCHITECTS
CLIENT	CITY OF NORTH HAVEN, PUBLIC WORKS DEPARTMENT
PROJECT	PERMIT PLANS
DATE	03/10/11
SCALE	AS SHOWN
DESIGNER	PAUL & J. SCHNABER, P.A.
CLIENT	CITY OF NORTH HAVEN, PUBLIC WORKS DEPARTMENT

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100510-15



REVISIONS		DESCRIPTION		DATE	
NO.	BY	DATE	DESCRIPTION	DATE	BY
1					
2					
3					
4					
5					

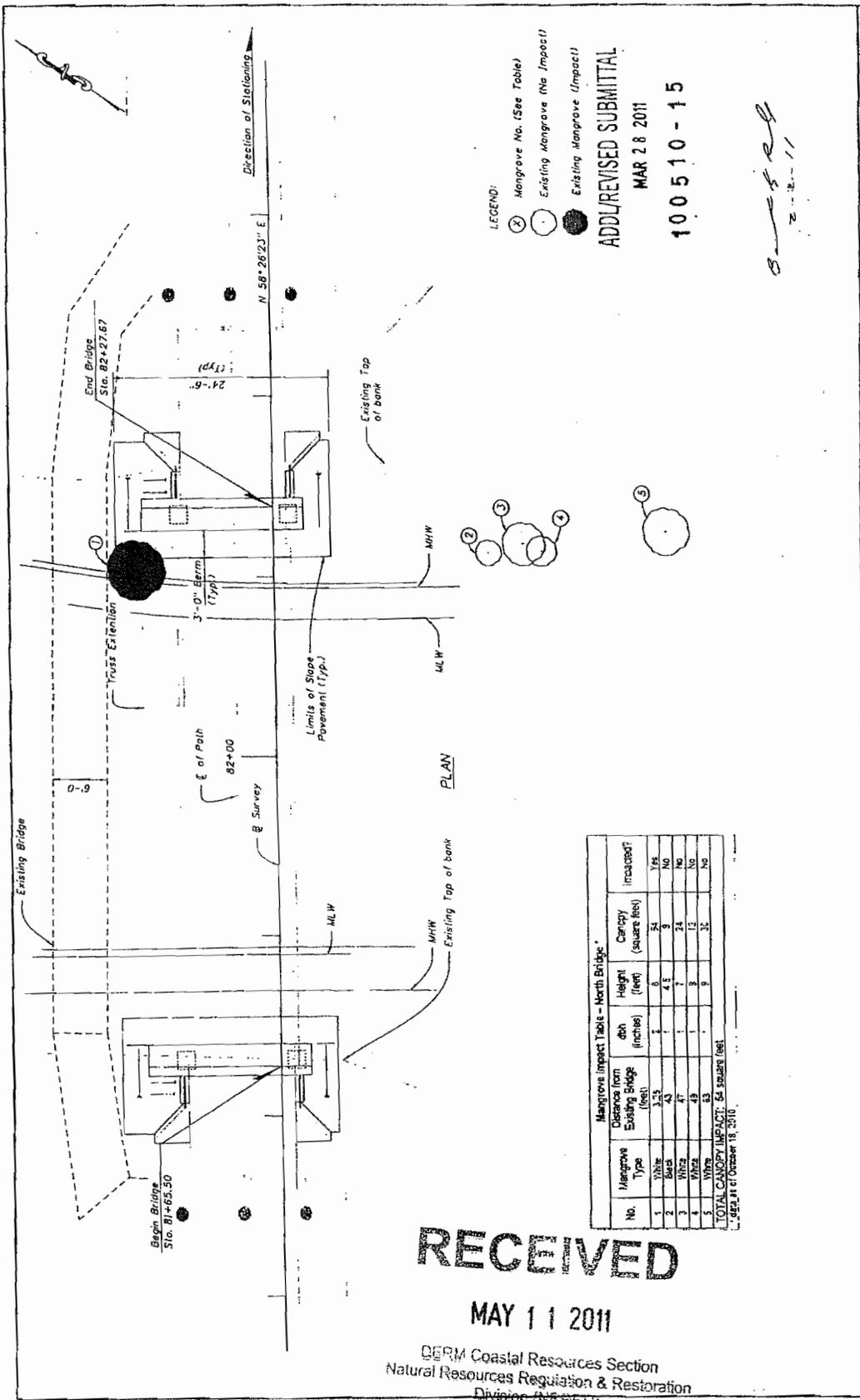
DATE: 11/11/2011	PROJECT: 100510-15	SCALE: AS SHOWN	PROJECT TITLE: PLAN AND ELEVATION - NORTH BRIDGE
DESIGNER: [Signature]	CHECKED: [Signature]	DATE: 11/11/2011	PROJECT NO.: 100510-15
PERMIT PLANS		ARCH CREEK PEDESTRIAN BRIDGES	
PUBLIC WORKS DEPARTMENT		251 E 1st St, Denver, CO 80202	

ADD/REVISED SUBMITTAL
MAR 28 2011

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JULY 11 2011

46

100510-15-10-0000



LEGEND:
 (X) Mangrove No. (See Table)
 (•) Existing Mangrove (No Impact)
 (●) Existing Mangrove (Impact)

ADD/REVISED SUBMITTAL

MAR 28 2011

100510-15

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Mangrove Impact Table - North Bridge

No.	Mangrove Type	Distance from Existing Bridge (feet)	dwb (inches)	Height (feet)	Canopy (square feet)	Included?
1	White	3.5	1	8	24	Yes
2	Black	4.5	1	11	24	No
3	White	4.5	1	9	11	No
4	White	4.5	1	9	11	No
TOTAL CANOPY IMPACT: 84 square feet						

DATE: 10/10/2010

RECEIVED

MAY 11 2011

BERM Coastal Resources Section
 Natural Resources Regulation & Restoration
 Division (NR-10)

PROJECT TITLE:	MANGROVE IMPACTS (NORTH BRIDGE)	
PROJECT NO.:	PERMIT PLANS	
CLIENT:	CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT	PROJECT NO.:
DATE:	MAY 2011	PROJECT NAME:
SCALE:	AS SHOWN	PROJECT NO.:
BY:	BAV VISTA MIAMI-DADE	PROJECT NO.:
CHECKED BY:	BAV VISTA MIAMI-DADE	PROJECT NO.:
DATE:	05/05/11	PROJECT NO.:
DESIGNED BY:	BAV VISTA MIAMI-DADE	PROJECT NO.:
DATE:	05/05/11	PROJECT NO.:
SCALE:	AS SHOWN	PROJECT NO.:
BY:	BAV VISTA MIAMI-DADE	PROJECT NO.:
CHECKED BY:	BAV VISTA MIAMI-DADE	PROJECT NO.:
DATE:	05/05/11	PROJECT NO.:

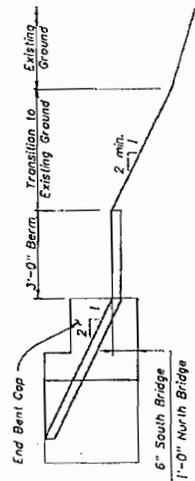
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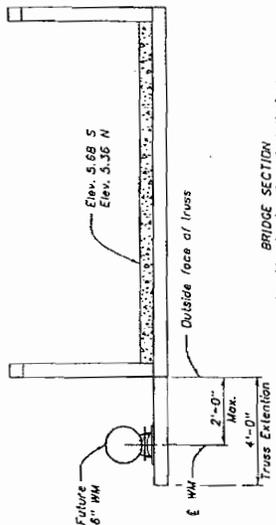
MAY 11 2011

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

NOTES:
 Filter Fabric shall be Type D-2,
 see Design Standard Index 199.
 Splice length shall be 6'-11" bedding
 stones specified or 2'-0" if no
 bedding stones specified.



TYPICAL SLOPE PROTECTION DETAIL



BRIDGE SECTION
 (Looking in direction of stationing)

CONCEPTUAL UTILITY ATTACHMENT DETAIL

NOTES:

1. The existing member elevation as controlled by End Bent Design shall be maintained for bridge and utility.
2. Provide pipe supports (Anvil International #271, Pipe Rail Stand, or approved equal) at 9'-0" max spacing.
3. Pipe supports locations shall be 2'-0" from ball of pipe joints. Coordinate pipe support location with Utility Contractor.

100510-15

ADD/REVISED SUBMITTAL

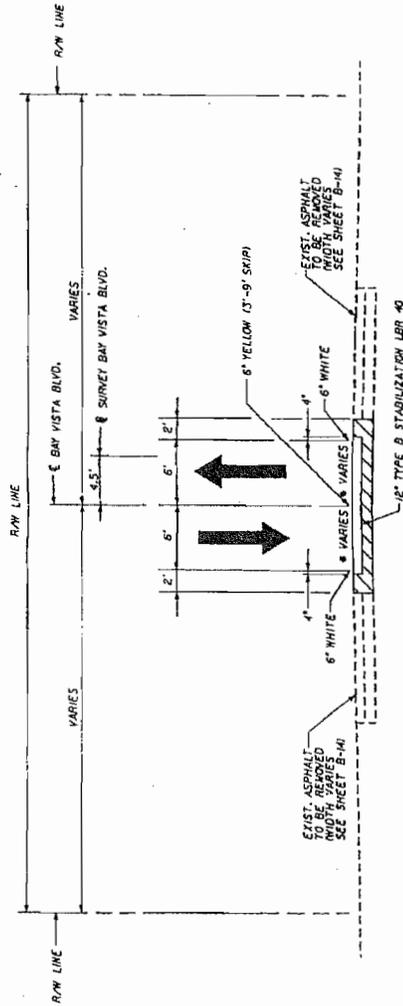
MAR 28 2011

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COUNTY OF NORTH CAROLINA PUBLIC WORKS DEPARTMENT PROJECT NO. 100510-15 DATE: MAY 11, 2011 DRAWN BY: J. W. WILSON CHECKED BY: J. W. WILSON		PROJECT TITLE: MISCELLANEOUS DETAILS PERMIT PLANS ARCH CREEK PEDESTRIAN BRIDGES		SHEET NO.: 6
PROJECT LOCATION: ARCH CREEK PEDESTRIAN BRIDGES		PROJECT NO.: 100510-15		DATE: MAY 11, 2011
PROJECT NO.: 100510-15		PROJECT TITLE: MISCELLANEOUS DETAILS PERMIT PLANS		SHEET NO.: 6

48

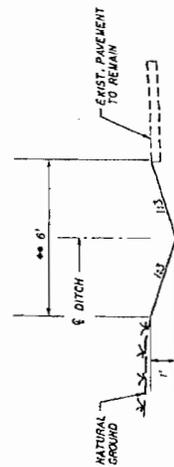
ADD/REVISED SUBMITTAL
MAR 28 2011



• CROSS SLOPE TO TRANSITION FROM EXISTING PAVEMENT CROSS SLOPE (2.5% TO 0%) AT THE CONNECTION TO THE PROPOSED BRIDGE.
• FOR DITCH LIMITS, SEE APPROACH DETAILS SHEET.

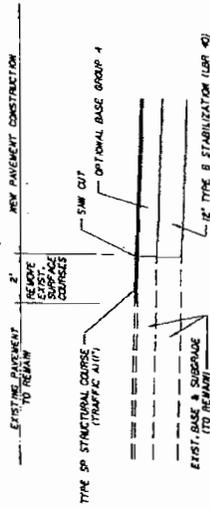
TYPICAL SECTION
BAY VISTA BLVD.
SOUTH BRIDGE

- STA. 73+54.69 TO STA. 73+69.69
- STA. 74+31.89 TO STA. 74+48.96
- NORTH BRIDGE
- STA. 81+50.09 TO STA. 81+65.50
- STA. 82+27.67 TO STA. 82+50.46



• FOR DITCH LIMITS, SEE SHEET 9, DITCH DETAIL A.T.S.

100510-15



NEW PAVEMENT CONNECTION DETAIL
DETAIL SHALL BE APPLICABLE TO ALL LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.

Diana Carlos Alcantara
3/28/11

DATE	REVISOR'S	DESCRIPTION	REVISOR'S	DATE	DESCRIPTION

CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT		PROJECT ID	25180-2
ROAD NO.	ROUTE	MIAMI-DADE	
HE 135 ST			

ENGINEER OF RECORD AND CHIEF ACCOUNTANT, P.E. (2070)	
KEITH J. SCHENARS, P.E. ENGINEER OF RECORD AND CHIEF ACCOUNTANT, P.E. (2070)	

NO. 100510-15	DATE	10/28/10
SHEET NO.		10
PAVEMENT CONSTRUCTION		DETAIL

RECEIVED

MAY 11 2011

DERM Coastal Resource Section
Natural Resources Regulation & Restoration
Division (NR/RRD)

50

Attachment F
PERA Project Report

**PROJECT REPORT
CLASS I PERMIT APPLICATION NO. 2010-CLI-PER-00126**

**APPLICATION BY THE CITY OF NORTH MIAMI FOR A CLASS I PERMIT TO
INSTALL TWO PEDESTRIAN BRIDGES SPANNING TIDAL CREEKS ALONG NE
135 STREET IN THE CITY OF NORTH MIAMI**

DATE: October 13, 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 Permitting, Environment and Regulatory Affairs (PERA) revealed no significant benthic resources located within the project footprint. Although the proposed bridge will result in impacts to 200 square feet of mangrove canopy, the applicant has agreed to provide a contribution to the Biscayne Bay Environmental Enhancement Trust Fund (BBEETF) to mitigate for the impacts. 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 operations. In order to minimize impacts to surface waters, the Class I permit shall require that a water quality monitoring plan and proper turbidity controls 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 have long term aesthetic impacts. 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 of the creek. Temporary navigational impacts due to construction are expected; however, since the proposed bridges have been designed to yield approximately three (3) feet over water clearance and will provide similar clearance as the existing bridges.
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 adversely affect marine and wildlife habitats. A benthic survey conducted by biologists from PERA revealed no significant benthic resources located within the project footprint. Additionally, the bridge abutments and support structures shall be located landward of the mean high water line. Although the proposed bridge will result in impacts to 200 square feet of mangrove canopy, the applicant has agreed to provide a contribution to the Biscayne Bay Environmental Enhancement Trust Fund (BBEETF) to mitigate for the impacts.

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

15. **Wetland Soils Suitable for Habitat** – The proposed project does not involve any work in wetland soils suitable for habitat.
16. **Floral Values** – The proposed project is not reasonably expected to adversely affect floral values. An in-water benthic survey revealed no seagrasses at the project sites, and only a minimal coverage of macroalgae. Although the proposed bridge will result in impacts to 200 square feet of mangrove canopy, the applicant has agreed to provide a contribution to the Biscayne Bay Environmental Enhancement Trust Fund (BBEETF) to mitigate for the impacts.
17. **Fauna Values** – The proposed project is not reasonably expected to adversely affect marine fauna. The proposed project is located in an area designated by the MDCMPP as essential habitat for the West Indian Manatee. Therefore, the Class I permit will require that all standard manatee construction permit conditions shall be followed during all construction operations.
18. **Rare, Threatened and Endangered Species** – The proposed project is not reasonably expected to negatively affect any endangered species. The proposed project is located in an area designated by the MDCMPP as essential habitat for the West Indian Manatee. Therefore, the Class I permit will require that all standard manatee construction permit conditions shall be followed during all 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, 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.
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) Biscayne Bay Management Plan (Sections 33D-1 through 33D-4 of the Code of Miami-Dade County)
 - b) Chapter 33B of the Code of Miami-Dade County.
25. **Comprehensive Environmental Impact Statement (CEIS)** - In the opinion of PERA, 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 PERA 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) United States Clean Water Act (US Army Corps of Engineers permit is required)
- c) Florida Department of Environmental Protection (permit is required)
- d) US Coast Guard (approval is required).

27. **Conformance with the Miami-Dade County Comprehensive Development Master Plan (CDMP)** - In the opinion of PERA, 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, NW 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.

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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. Therefore, 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 site has been designated by the Miami-Dade County CDMP as a Mangrove Protection Area (MPA). However, the proposed project meets the criteria set forth in this objective. In addition, to mitigate for these impacts, the applicant has agreed to provide a contribution to the Biscayne Bay Environmental Enhancement Trust Fund to be used for the creation or restoration of halophytic wetlands.

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 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 proposed work is not reasonably expected to adversely affect endangered or threatened species. The proposed project is located within an area designated by the MDCMPP as essential habitat for the West Indian Manatee. Therefore, 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 of the Code of Miami-Dade County (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.

56

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 in an area designated by the MDCMPP as essential habitat for the West Indian Manatee. PERA believes that the project is consistent with the recommendations of the MPP. Additionally, the Class I permit shall include conditions to minimize potential impacts to manatees during construction operations and protect rare, threatened and endangered species.
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) of the Code of Miami-Dade County, 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.

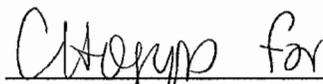
The proposed project was also evaluated for compliance with the standards contained in Sections 24-48.3(2),(3), and (4) of the Code of Miami-Dade County, Florida. The following is a summary of how the standards relate to the proposed project:

24-48.3 (2) Dredging and Filling for Class I Permit – The proposed project does not involve dredging and filling.

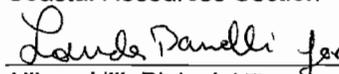
24-48.3 (3) Minimum Water Depth Required for Boat Slips Created by the Construction or Placement of Fixed or Floating Docks and Piers, Piles and Other Structures Requiring a Permit Under Article IV, Division 1 of Chapter 24 of the Code of Miami-Dade County - The proposed project does not involve the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



Allison Hill, Biologist II
Coastal Resources Section