

**APPENDIX D**

**PERTINENT CORRESPONDENCE**

**MODIFICATIONS OF THE C-111 SOUTH DADE NORTH AND SOUTH  
DETENTION AREAS AND ASSOCIATED FEATURES**

**SOUTH DADE, FLORIDA**

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REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
701 San Marco Boulevard  
JACKSONVILLE, FLORIDA 32207-8175

JAN 27 2016

Planning and Policy Division  
Environmental Branch

Tim Parsons, Ph.D.  
Interim Director, Division of Historical Resources  
& Deputy State Historic Preservation Officer  
Division of Historical Resources  
State Historic Preservation Officer  
500 South Bronough Street  
Tallahassee, Florida 32399-0250

Dear Dr. Parsons:

The U.S. Army Corps of Engineers (Corps), Jacksonville District, is studying the environmental effects associated with modifications to our 8.5 Square Mile Area (8.5SMA) and C-111 North and South detention areas (Figure 1). The purpose of this project is to create a hydrologic connection between the 8.5 SMA Detention Cell and the C-111 South Dade North Detention Area (NDA) in order to create a continuous hydrologic ridge along the eastern boundary of Everglades National Park (ENP) that extends from the 8.5 SMA to Taylor Slough, to provide restoration within ENP while maintaining flood damage reduction for areas east of the L-31N and C-111 Canals. The project will be designed to be completed in two contracts; Contract 8a and Contract 9. Project construction features planned for Contract 8a include:

- Degrade S-360W weir, discharge into NDA
- 8.5 SMA Detention Cell internal flowway berms
- Richmond Drive Levee Crossing
- NDA internal berm and 600-acre western flowway
- South Detention Area (SDA) internal berm and 430-acre western flowway
- NDA internal berm to convey S-332B inflows to western flowway
- SDA internal berms to convey S-332B and S-332C inflows to western flowway
- Partial degrade of S-327 High Head Cell weir

In addition as part of Contract 9, the project includes demolition and/or decommission of water control structures S-174, S-175, S-332, and S-332I. The structures S-174, S-175, S-332, and S-332I are not currently functioning and are not required for current or future water management operations for the C-111 South Dade project. Locations of these structures are shown in Figure 2.

The complete description of analysis can be found within the draft Environmental Assessment (Titled: Modifications to the C-111 South Dade North and South Detention Areas and Associated Features) which can be viewed and downloaded at:

<http://www.saj.usace.army.mil/About/DivisionsOffices/Planning/EnvironmentalBranch/EnvironmentalDocuments.aspx>

The 8.5 SMA and C-111 detention areas have been previously studied and consulted upon by the Corps. In 2006, The Corps identified four prehistoric sites in the project area (8DA3210, 8DA3218, 8DA6514, and 8DA6515) within the SDA. In 2006, the Corps determined that use of the area and project design associated with the SDA would have no adverse effect on cultural resources located within the proposed project area (DHR Project File No. 2006-06722). In 2012, modifications to the C-111 South Dade project included additional work within the NDA area and the 8.5 SMA. In 2011 and 2012, the SHPO concurred with the Corps determination that use of the area and modifications to the projects within the 8.5 SMA and NDA would have no effect to Historic Properties ((DHR No 2011-00583, DHR No 2012-00905). Contract 8 as planned, will see no changes to the regulation schedule and maximum water heights and associated effects will remain the same as those consulted upon in 2012.

Within Contract 9, there is decommissioning or possible demolition of 2 potential historic structures. Structures S-174 and S-174 are potentially historic structures having been possibly built within the 1960s. The Corps at this time plans to conduct further investigation to determine the precise age and significance of these two structures. All other structures noted in Contract 8a and 9 are modern.

In summary, the Corps has determined that proposed project modifications associated with the C-111 contract 8a will pose no effect to historic properties. Overall effects associated with internal modifications within the C-111 system remain the same as previously consulted upon in 2012. The Corps has determined that for Contract 9, further work is need to determine the significance of two structures and that when complete, additional consultation will be required prior to the implementation of Contract 9. I request your comments on the determination of No Adverse Effect for contract 8a and path forward for contract 9. If there are any questions, please contact Dr. Dan Hughes at 904-232-3028 or e-mail at [daniel.b.hughes@usace.army.mil](mailto:daniel.b.hughes@usace.army.mil).

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Spinning', is written over the typed name and title.

Jason Spinning  
Acting Chief, Environmental Branch

Enclosure

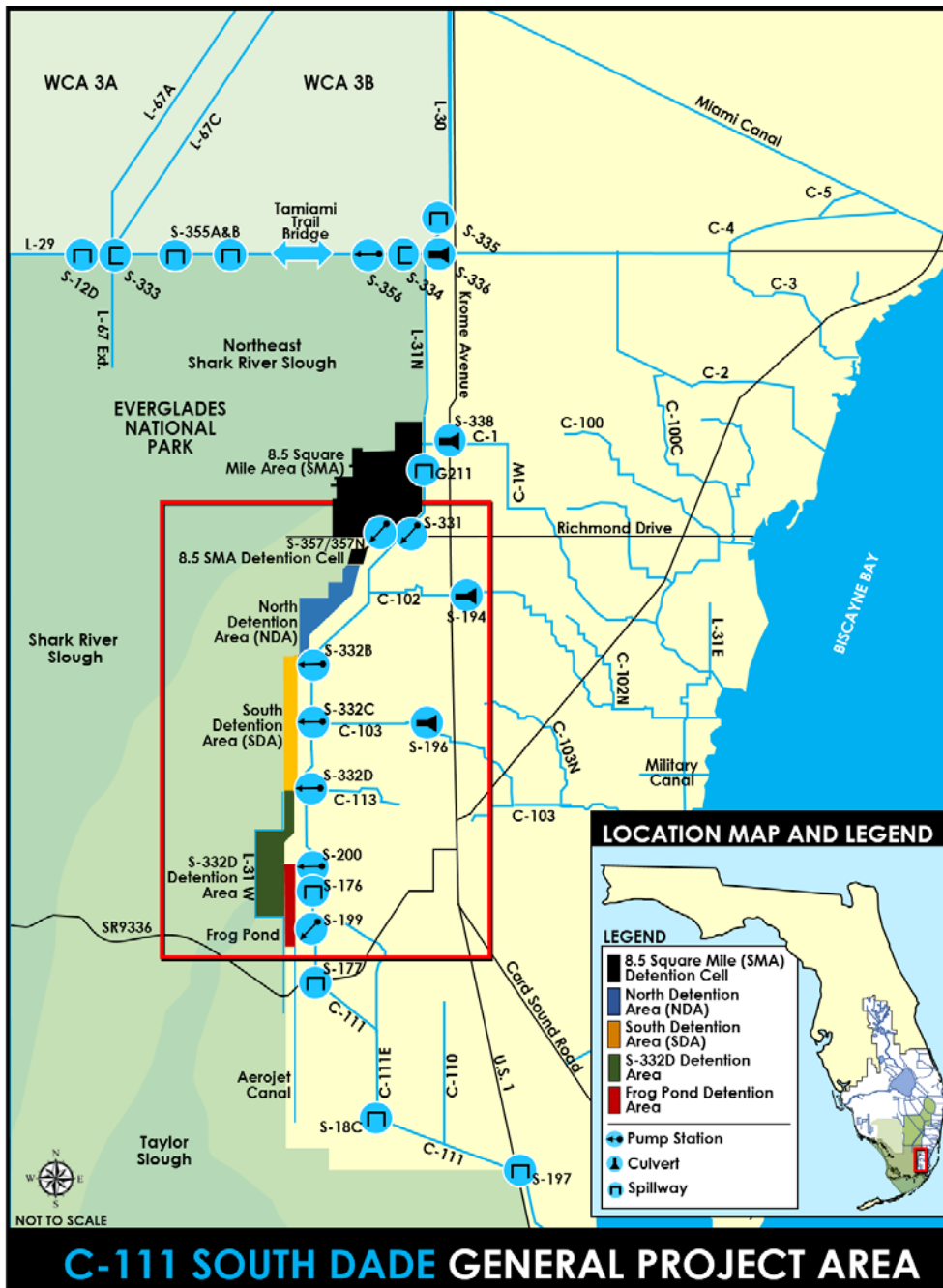


Figure 1. Location map showing the approximate location of C-111 project area.

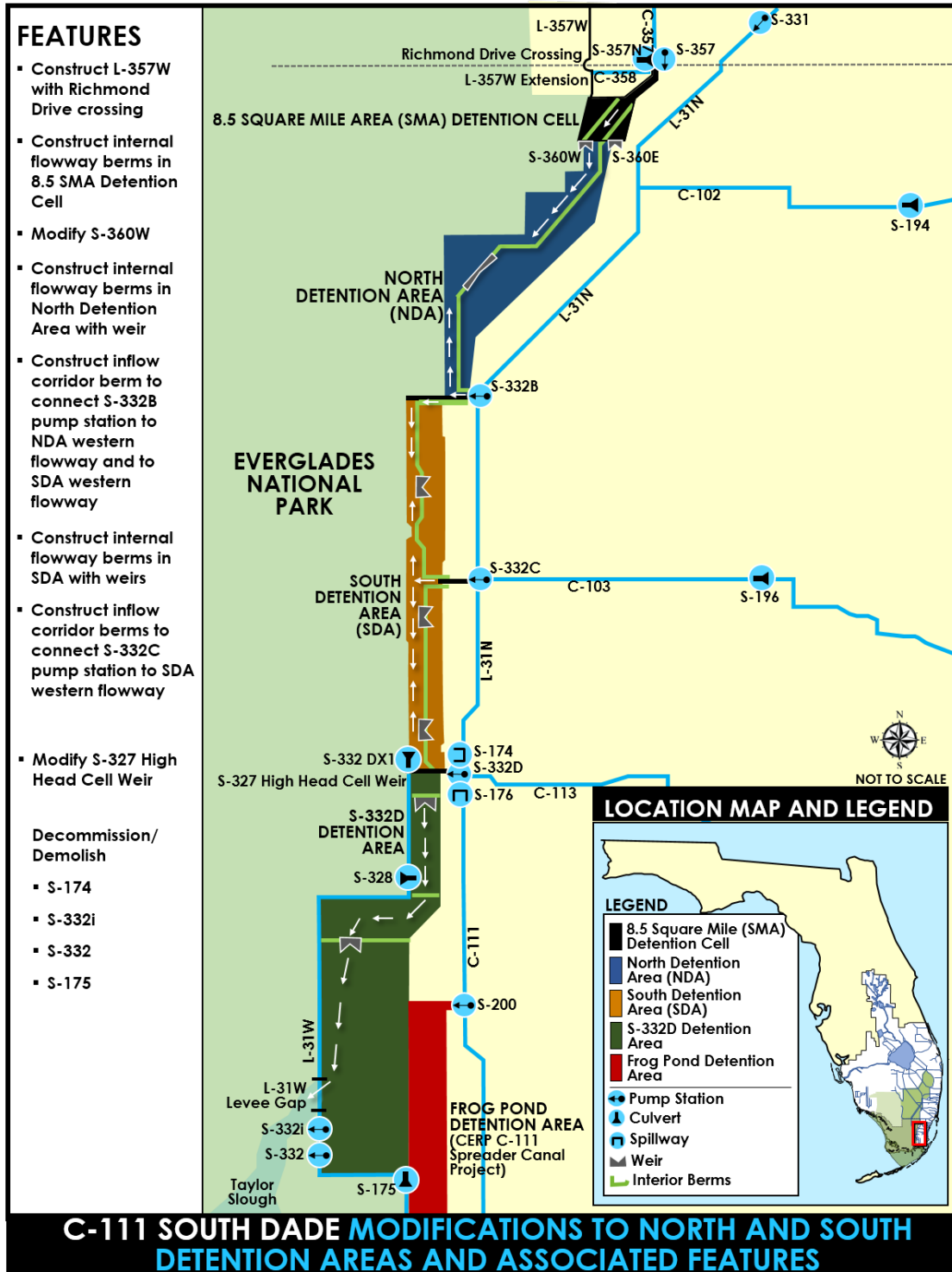


Figure 2. Location map showing the approximate location of Structures 174 and 175.



REPLY TO  
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JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
701 San Marco Boulevard  
JACKSONVILLE, FLORIDA 32207-8175

JAN 27 2016

Planning and Policy Division  
Environmental Branch

Mr. Paul Backhouse, THPO  
Seminole Tribe of Florida  
Tribe Historic Preservation Office  
30290 Josie Billie Highway  
PMP 1004  
Clewiston, FL 33440

The U.S. Army Corps of Engineers (Corps), Jacksonville District, is studying the environmental effects associated with modifications to our 8.5 Square Mile Area (8.5SMA) and C-111 North and South detention areas (Figure 1). The purpose of this project is to create a hydrologic connection between the 8.5 SMA Detention Cell and the C-111 South Dade North Detention Area (NDA) in order to create a continuous hydrologic ridge along the eastern boundary of Everglades National Park (ENP) that extends from the 8.5 SMA to Taylor Slough, to provide restoration within ENP while maintaining flood damage reduction for areas east of the L-31N and C-111 Canals. The project will be designed to be completed in two contracts; Contract 8a and Contract 9. Project construction features planned for Contract 8a include:

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In summary, the Corps has determined that proposed project modifications associated with the C-111 contract 8a will pose no effect to historic properties. Overall effects associated with internal modifications within the C-111 system remain the same as previously consulted upon in 2012. The Corps has determined that for Contract 9, further work is need to determine the significance of two structures and that when complete, additional consultation will be required prior to the implementation of Contract 9. I request your comments on the determination of No Adverse Effect for contract 8a and path forward for contract 9. If there are any questions, please contact Dr. Dan Hughes at 904-232-3028 or e-mail at [daniel.b.hughes@usace.army.mil](mailto:daniel.b.hughes@usace.army.mil).

Sincerely,

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Jason Spinning  
Acting Chief, Environmental Branch

Enclosure

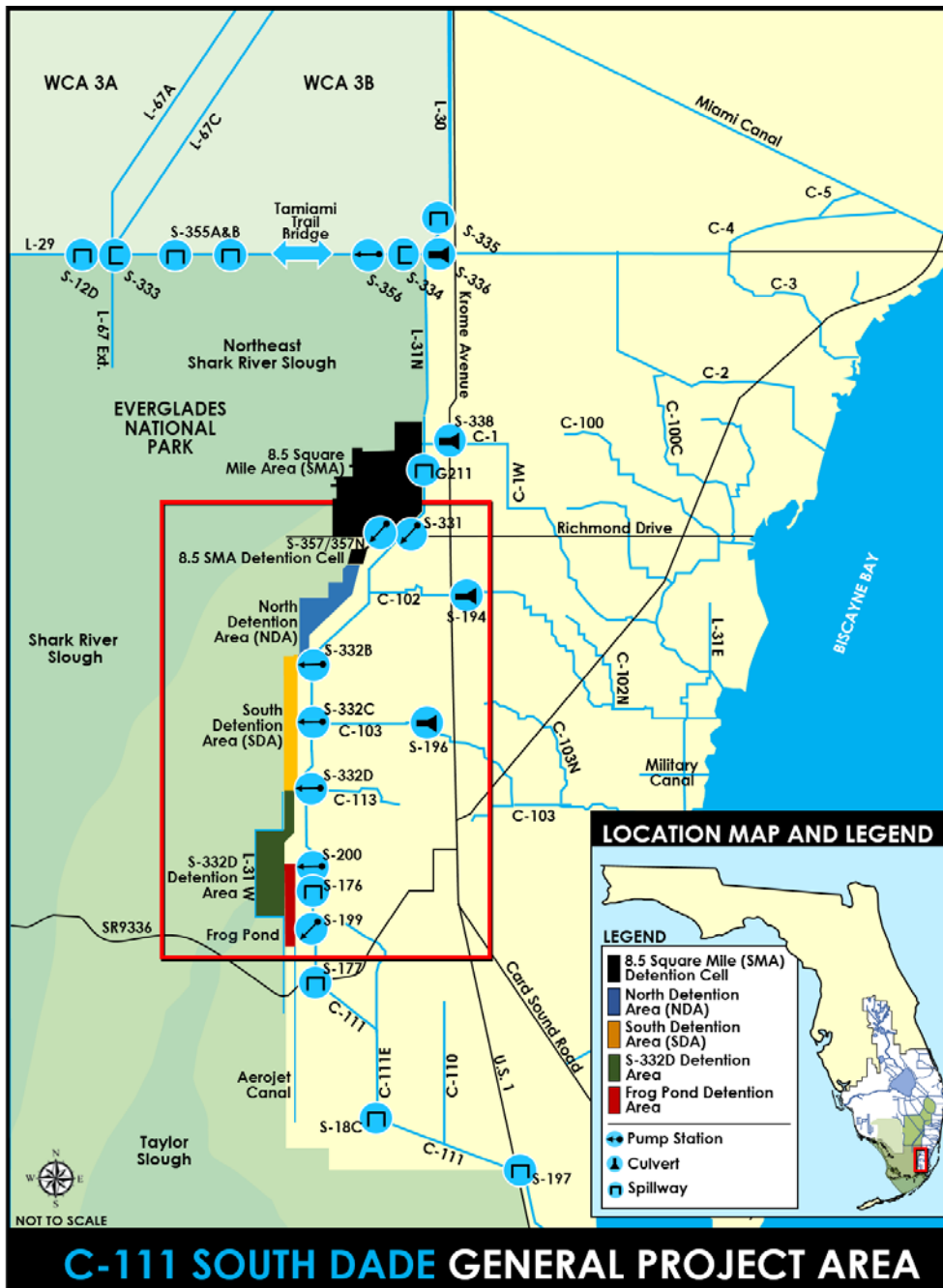


Figure 1. Location map showing the approximate location of C-111 project area.

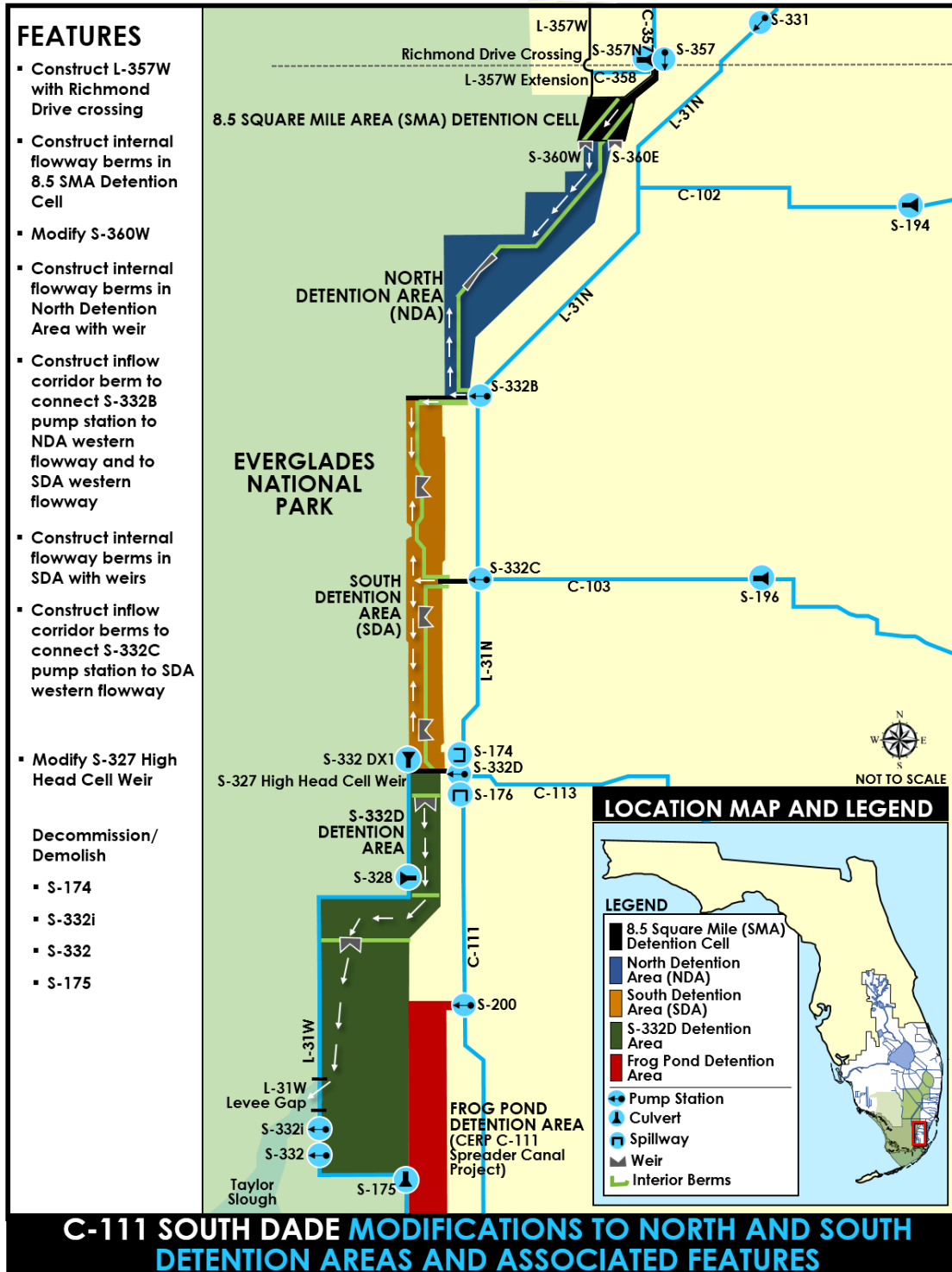


Figure 2. Location map showing the approximate location of Structures 174 and 175.



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701 San Marco Boulevard  
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JAN 27 2016

Planning and Policy Division  
Environmental Branch

Mr. Fred Dayhoff, Tribal Representative  
NAGPRA, Section 106  
Miccosukee Tribe of Indians of Florida  
Post Office Box 440021  
Tamiami Station  
Miami, Florida 33144

Dear Mr. Dayhoff:

The U.S. Army Corps of Engineers (Corps), Jacksonville District, is studying the environmental effects associated with modifications to our 8.5 Square Mile Area (8.5SMA) and C-111 North and South detention areas (Figure 1). The purpose of this project is to create a hydrologic connection between the 8.5 SMA Detention Cell and the C-111 South Dade North Detention Area (NDA) in order to create a continuous hydrologic ridge along the eastern boundary of Everglades National Park (ENP) that extends from the 8.5 SMA to Taylor Slough, to provide restoration within ENP while maintaining flood damage reduction for areas east of the L-31N and C-111 Canals. The project will be designed to be completed in two contracts; Contract 8a and Contract 9. Project construction features planned for Contract 8a include:

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Sincerely,

A handwritten signature in black ink, appearing to read "Jason Spinning". The signature is stylized and overlaps the printed name below it.

Jason Spinning  
Acting Chief, Environmental Branch

Enclosure

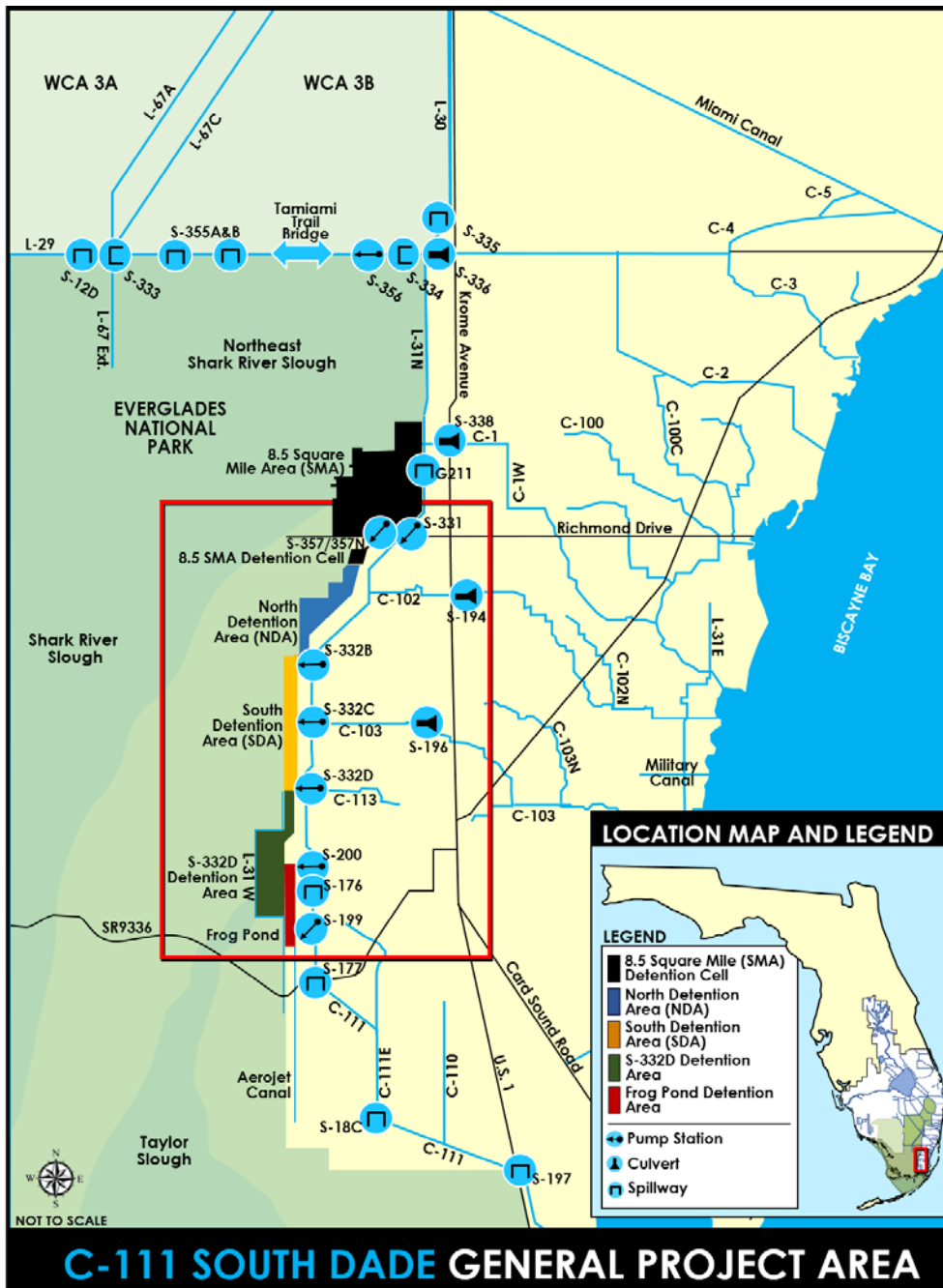


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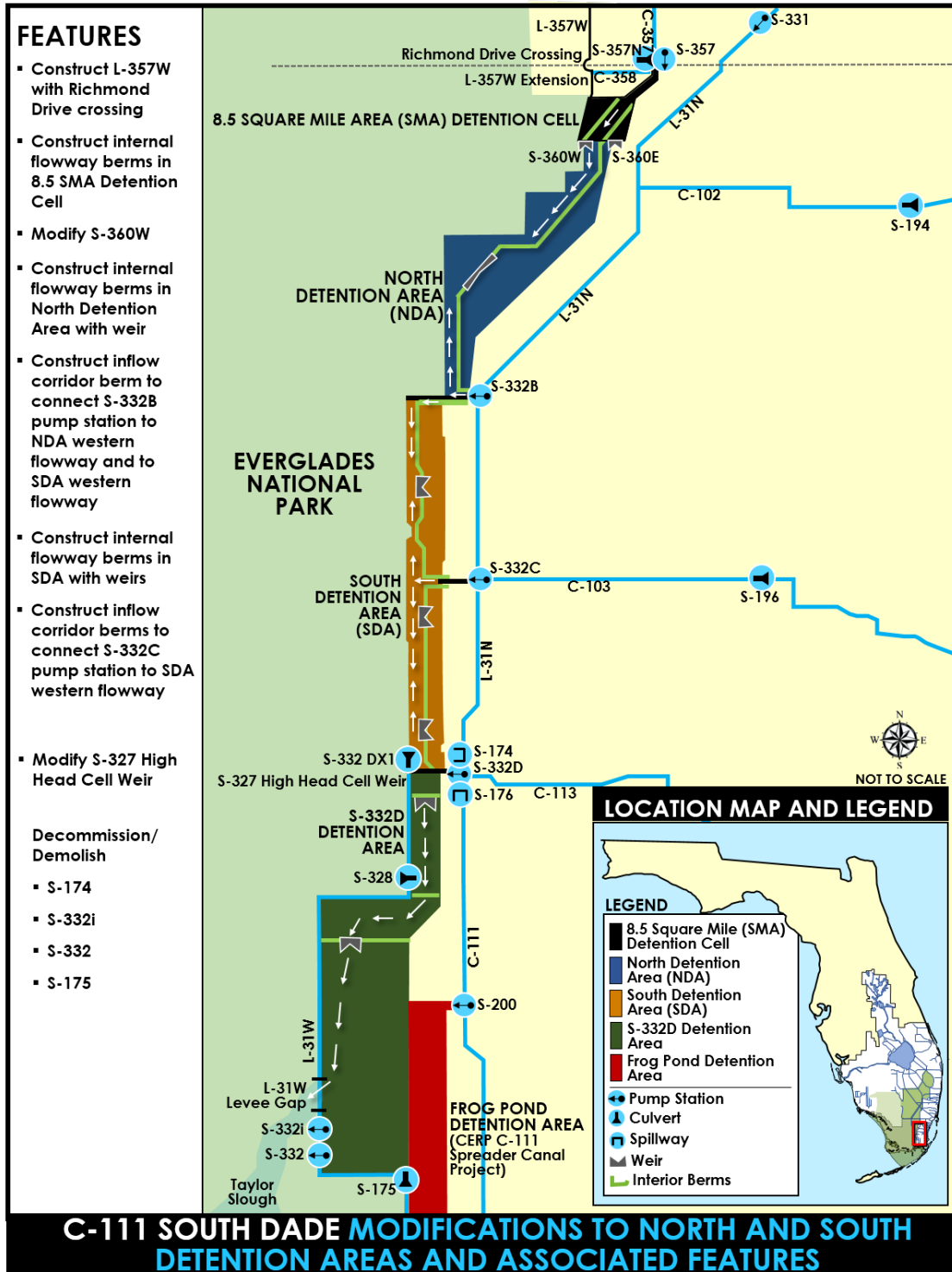


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JAN 26 2016

REPLY TO  
ATTENTION OF

Planning and Policy Division  
Environmental Branch

Honorable James Billie  
Chairman, Seminole Tribe of Florida  
6300 Sterling Road  
Hollywood, FL 33024


Dear Chairman Billie:

The Jacksonville District, U.S. Army Corps of Engineers (Corps) is preparing an Environmental Assessment (EA) for the Modifications to the C-111 South Dade North and South Detention Areas and Associated Features Project. This project is located in South (Miami) Dade County, Florida.

The purpose of the project is to develop construction alternatives that support the dual purposes of flood damage reduction and Everglades habitat restoration. Project features proposed and analyzed in the EA include internal flowway berms inside the 8.5 Square Mile Area (SMA) Detention Cell, the North Detention Area, and South Detention Area; completion of L-357 across Richmond Drive; lowering the high head cell levee S-327 at the S-332D location; and removal of four non-functional structures. I have enclosed our EA and Proposed Finding of No Significant Impact (FONSI) for your review and consultation on the proposed work. Public review of this document will begin on January 29, 2016.

Any comments you may have should be submitted in writing to the letterhead address by March 29, 2016. However, please feel free to contact our Tribal Liaison, Kim Taplin, at 561-801-0285 if you would like to schedule a consultation meeting prior to this date to discuss your concerns. Questions concerning the EA can be submitted to Stacie Auvenshine at the letterhead address, or by phone at 904-232-3694.

Sincerely,

  
Jason A. Kirk, P.E.  
Colonel, U. S. Army  
District Commander

Enclosures



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
701 San Marco Boulevard  
JACKSONVILLE, FLORIDA 32207-8175

JAN 26 2016

Planning and Policy Division  
Environmental Branch

Honorable Roy Cypress  
Chairman, Miccosukee Tribe of Indians of Florida  
Post Office Box 440021  
Tamiami Station  
Miami, Florida 33144

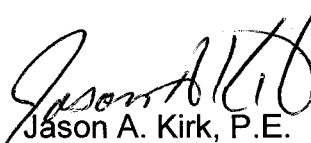
Dear Chairman Cypress:

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The purpose of the project is to develop construction alternatives that support the dual purposes of flood damage reduction and Everglades habitat restoration. Project features proposed and analyzed in the EA include internal flowway berms inside the 8.5 Square Mile Area (SMA) Detention Cell, the North Detention Area, and South Detention Area; completion of L-357 across Richmond Drive; lowering the high head cell levee S-327 at the S-332D location; and removal of four non-functional structures. I have enclosed our EA and Proposed Finding of No Significant Impact (FONSI) for your review and consultation on the proposed work. Public review of this document will begin on January 29, 2016.

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Sincerely,

  
Jason A. Kirk, P.E.  
Colonel, U. S. Army  
District Commander

Enclosure

Copies Furnished:

Mr. Fred Dayhoff, NAGPRA Representative, Consultant to Miccosukee Tribe, HC 61 SR  
68 Old Loop Road, Ochopee, FL 34141

Mr. James M. Erskine, Acting Water Resources Director, Miccosukee Tribe of Indians of  
Florida, P.O. Box 440021, Tamiami Station, Miami, FL 33144

Kevin Donaldson, Real Estate Services, Miccosukee Tribe of Indians of Florida,  
P.O. Box 440021, Tamiami Station, Miami, FL 33144



FLORIDA DEPARTMENT OF STATE  
**Kurt S. Browning**  
Secretary of State  
DIVISION OF HISTORICAL RESOURCES

Ms. Rebecca Griffith, PhD  
Environmental Branch  
Jacksonville Corps of Engineers  
Post Office Box 4970  
Jacksonville, Florida 32232-0019

February 18, 2011

Re: DHR Project File No.: 2011-00583 / Received: February 2, 2011  
Draft Environmental Assessment (EA)  
8.5 Square Mile Area Project  
Miami-Dade Project

Dear Ms. Griffith:

Our office received and reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended and 36 CFR Part 800. The State Historic Preservation Officer is to advise and assist federal agencies when identifying historic properties (archaeological, architectural, and historical resources) listed, or eligible for listing, in the National Register of Historic Places, assessing the project's effects, and considering alternatives to avoid or minimize adverse effects.

Our review of the Florida Master Site File data indicates that no historical properties are identified within the project area. This information is accurately reflected in Section 3.9 of the referenced draft EA.

If you have any questions concerning our comments, please contact Michael Hart, Historic Sites Specialist, by phone at 850.245.6333, or by electronic mail at [mrhart@dos.state.fl.us](mailto:mrhart@dos.state.fl.us). Your continued interest in protecting Florida's historic properties is appreciated.

Sincerely,

Laura A. Kammerer  
Deputy State Historic Preservation Officer  
For Review and Compliance

Copies Furnished:

Seminole Tribe of Florida, Executive Director, Historic Resources Department, Tribal  
Historic Preservation Office, 34725 West Boundary Road, Clewiston, Florida 33440

Seminole Tribe of Florida, Dr. Paul N. Backhouse, Ph.D., Tribal Historic Preservation  
Officer, Ah Tha Thi Ki Museum, 30290 Josie Billie Hwy, PMB 1004, Clewiston,  
Florida 33440

Cherise Maples, Director, Environmental Resource Management, Seminole Tribe of  
Florida, 6300 Stirling Road, Hollywood, FL 33024

Patricia Powers, Bose Public Affairs Group, 2000 M Street, N.W., Suite 520,  
Washington, D.C. 20036

Cicero Osceola, Big Cypress General Council Office, Council Representative, 31000  
Josie Billie Highway, Clewiston, FL 33440

Andrew J. Bowers, ESQ., Brighton Council Representative, Seminole Tribe of Florida  
Brighton Council, 500 Harney Pond Road, Okeechobee, FL 34974

Joe Frank, Big Cypress Board Representative, Seminole Tribe of Florida, Inc., Big  
Cypress Board Office, 31000 Josie Billie Hwy., Clewiston, FL 33440



## FLORIDA DEPARTMENT OF STATE

RICK SCOTT  
Governor

KEN DETZNER  
Secretary of State

Ms. Laura Milligan  
Florida Department of Environmental Protection  
Florida State Clearinghouse  
3900 Commonwealth Boulevard, MS 24  
Tallahassee, Florida 32399-3000

March 9, 2012

Re: DHR No.: 2012-00905/ Received by DHR: March 2, 2012  
Project: C-111 South Dade Project Modifications  
Counties: Dade

**RECEIVED**

**MAR 15 2012**

DEP Office of  
Intergovt'l Programs

Dear Ms. Milligan,

Our office received and reviewed the referenced project application in accordance with Section 106 of the National Historic Preservation Act of 1966 (Public Law 89-665), as amended in 1992; 36 C.F.R., Part 800: Protection of Historic Properties for assessment of possible adverse impact to cultural resources (any prehistoric or historic district, site, building, structure, or object) listed, or eligible for listing, in the National Register of Historic Places.

Our review of the Florida Master Site File indicates that because of the nature of the project it is unlikely that no significant archaeological or historical resources will be affected.

For any questions concerning our comments, please contact Michael Hart, Historic Sites Specialist, by electronic mail at [Michael.Hart@dos.myflorida.com](mailto:Michael.Hart@dos.myflorida.com), or by phone at 850.245.6333. We appreciate your continued interest in protecting Florida's historic properties.

Sincerely,

A handwritten signature in cursive script that reads "Laura A. Kammerer".

Laura A. Kammerer  
Historic Preservationist Supervisor  
Compliance Review Section  
Bureau of Historic Preservation



DIVISION OF HISTORICAL RESOURCES  
R. A. Gray Building • 500 South Bronough Street • Tallahassee, Florida 32399-0250  
Telephone: 850.245.6300 • Facsimile: 850.245.6436 • [www.flheritage.com](http://www.flheritage.com)  
*Commemorating 500 years of Florida history* [www fla500.com](http://www fla500.com)



## Auvenshine, Stacie SAJ

---

**From:** Leslie, John <jleslie@sfwmd.gov>  
**Sent:** Monday, December 07, 2015 6:52 PM  
**To:** 'Ruiz, Daniel D. (PWWM)'  
**Cc:** Moubayed, Bassam (PWWM); Ona, Leandro (PWWM); Moorey, Lana (PWWM); Jorge Jaramillo; Brenda Mills; Jeyakumar, Nirmala; Drog, Michael SAJ  
**Subject:** [EXTERNAL] RE: C-111 Restoration Project

Mr. Ruiz:

Thank you for the confirmation.

From: Ruiz, Daniel D. (PWWM) [mailto:druiz@miamidade.gov]  
Sent: Monday, December 07, 2015 9:53 AM  
To: Leslie, John <jleslie@sfwmd.gov>  
Cc: Moubayed, Bassam (PWWM) <MoubaB@miamidade.gov>; Ona, Leandro (PWWM) <Leandro.Ona@miamidade.gov>; Moorey, Lana (PWWM) <lanea@miamidade.gov>  
Subject: FW: C-111 Restoration Project

Mr. Leslie: Thank you for the information – this is to confirm that SFWMD will not need to obtain permits from MDC regarding this work.

Respectfully,

Daniel Ruiz

Permit Section Supervisor

Miami-Dade Public Works and Waste Management Department

Construction Division

305-375-2135

Blockedwww.miamidade.gov <Blockedhttp://miamidade.gov/>

Blockedwww.miamidade.gov/publicworks/

"Delivering Excellence Every Day"



Miami-Dade County is a public entity subject to Chapter 119 of the Florida Statutes concerning public records. E-mail messages are covered under such laws and are thus subject to disclosure. All E-mail sent and received is captured by our servers and kept as a public record.

From: Lacau, Luis (PWWM)  
Sent: Monday, December 07, 2015 9:38 AM  
To: Ruiz, Daniel D. (PWWM)  
Subject: RE: C-111 Restoration Project

We have no issue with this, we are presently working with the national parks services and SFWMD on transferring all of SW 168 Street from the levee west to the National Parks Department and this is part of the negotiations.

From: Ruiz, Daniel D. (PWWM)  
Sent: Friday, December 04, 2015 4:57 PM  
To: Lacau, Luis (PWWM)  
Subject: FW: C-111 Restoration Project

Luis: Do you see anything wrong with this request, or if anything is ongoing at this location? From a permits perspective, this section of SW 168 ST doesn't belong to the County and is far outside of the UDB so we wouldn't issue a permit here. Please let me know so that I can respond to SFWMD. Thank you!

Respectfully,

Daniel Ruiz

Permit Section Supervisor

Miami-Dade Public Works and Waste Management Department

Construction Division

305-375-2135

Blockedwww.miamidade.gov <Blockedhttp://miamidade.gov/>

Blockedwww.miamidade.gov/publicworks/

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From: Moorey, Lana (PWWM)  
Sent: Friday, December 04, 2015 10:20 AM  
To: Ruiz, Daniel D. (PWWM)  
Subject: FW: C-111 Restoration Project

Good morning!

I tried to leave you a message but your voice message box is full.

Please advise if your section requires a permit for the proposed cul-de sac on SW 168 St. Please see the email below and attached sketch and deeds.

There are ROW deeds to SFWMD for a portion of the road, but still a permit may be required.

Please let me know.

Thanks,

Lana Moorey, P.E.

Miami-Dade County Department of Transportation and Public Works

Roadway Engineering and Right-of-Way Division

Plans Review and Design

Phone: (305) 375-2863

Fax: (305) 679-7738

E-mail: lana@miamidade.gov <mailto:lana@miamidade.gov>

From: Leslie, John [mailto:jleslie@sfwmd.gov]  
Sent: Friday, December 04, 2015 9:27 AM  
To: Moorey, Lana (PWWM)  
Cc: Ruiz, Daniel D. (PWWM); Moubayed, Bassam (PWWM); Jaramillo, Jorge; Vilaboy, Armando; Mills, Brenda; 'michael.j.drog@usace.army.mil'; Ona, Leandro (PWWM); Zehnder, Marcy  
Subject: C-111 Restoration Project

Lana:

Thank you for taking my call today. As I had indicated to you over the phone, the US Army Corps and the South Florida Water Management in joint partnership are undertaking the C-111 Restoration project in south Miami-Dade County. I have included a plan view of the proposed works at the crossing of Richmond Drive (SW 168th St.) between SW 213th Ave. and SW 214th Ave. I have also included the deeding of the roadway and right of way from Miami Dade County to the South Florida Water Management District.

Please review this information and confirm that the US Army Corps of Engineers and the South Florida Water Management District will not be required to obtain local permits from Miami-Dade County for this work. If you should have questions or concerns, please contact me. Thank you.

John Leslie, PMP

Lead Environmental Analyst

Office of Everglades Policy and Coordination

South Florida Water Management District

3301 Gun Club Road, MS 8110 • West Palm Beach, Florida 33406

561 682-6476 • 561 682-5364 Fax • jleslie@sfwmd.gov <mailto:jleslie@sfwmd.gov>

Florida enjoys a broad public records law. Any emails sent to or from this address will be subject to review by the public unless exempt by law.



**DEPARTMENT OF THE ARMY**  
**JACKSONVILLE DISTRICT CORPS OF ENGINEERS**  
701 San Marco Boulevard  
JACKSONVILLE, FLORIDA 32207-8175

REPLY TO  
ATTENTION OF

Planning and Policy Division  
Environmental Branch

**JAN 29 2016**

Mr. Chris Stahl  
Florida Department of Environmental Protection  
State Clearinghouse  
3900 Commonwealth Boulevard, MS 47  
Tallahassee, Florida 32399-3000

Dear Mr. Stahl:

Pursuant to the National Environmental Policy Act and the U.S. Army Corps of Engineers (Corps) Regulation (33 CFR 230.11), this letter constitutes the Notice of Availability of the Environmental Assessment and Proposed Finding of No Significant Impact (EA/FONSI) for the Modifications to the C-111 South Dade North and South Detention Area and Associated Features. The work proposed within the EA would occur within South Dade County, Florida.

Any comments you may have must be submitted in writing to the letterhead address within 60 days after the date stamped on this letter. Questions concerning the EA can be submitted to Stacie Auvenshine at the letterhead address, email [stacie.j.auvenshine@usace.army.mil](mailto:stacie.j.auvenshine@usace.army.mil), or by phone at 904-232-3694.

Sincerely,

  
Jason J. Spinning  
Acting Chief, Environmental Branch

Enclosures



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**JACKSONVILLE DISTRICT CORPS OF ENGINEERS**  
701 San Marco Boulevard  
JACKSONVILLE, FLORIDA 32207-8175

REPLY TO  
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Environmental Branch

JAN 29 2016

Dear Librarian:

Enclosed is a copy of the Environmental Assessment and Proposed Finding of No Significant Impact (EA/FONSI) for the Modifications to the C-111 South Dade North and South Detention Area and Associated Features. The work proposed within the EA would occur within South Dade County, Florida.

This EA/FONSI is being provided for public review pursuant to the National Environmental Policy Act. We request that you make the copy available for public viewing in the reference section of your library for a period of 60 days, after which it may be disposed.

Thank you for your assistance in this matter. If you have any questions or need further information, please contact Stacie Auvenshine at 904-232-3694.

Sincerely,

  
Jason J. Spinning  
Acting Chief, Environmental Branch

Enclosures



DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
701 San Marco Boulevard  
JACKSONVILLE, FLORIDA 32207-8175

REPLY TO  
ATTENTION OF

Planning and Policy Division  
Environmental Branch

JAN 29 2016

David Bernhart  
National Marine Fisheries Service  
263 13<sup>th</sup> Avenue South  
St. Petersburg, Florida 33701-5505

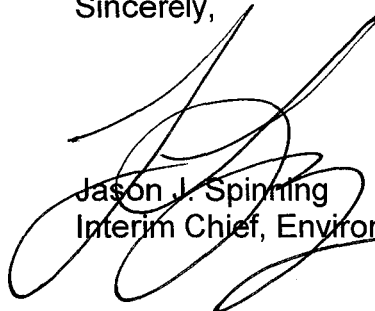
Dear Mr. Bernhart:

In accordance with provisions of Section 7 of the Endangered Species Act, as amended, the U.S. Army Corps of Engineers (Corps) has reviewed potential project effects on listed species under the purview of National Marine Fisheries Service (NMFS) for the Modifications to the C-111 South Dade North and South Detention Areas and Associated Features located in south Miami-Dade County, Florida. USACE also initiated informal consultation on May 12, 2015 with U.S. Fish and Wildlife Service for species under their purview. The goal of the project is to continue to support the dual purposes of the C-111 South Dade Project, which is Everglades habitat restoration and flood damage reduction. This consultation is for construction only, as the system will continue to operate under current operations. The proposed work area is located inland as shown on the project map.

Species evaluated pursuant to the Endangered Species Act are identified within Table 1. Corps determined that based upon the information presented in the Environmental Assessments for Contract 8 (Corps, 2012) and G-3273 Relaxation (Corps, 2015), completed construction projects, and additional biological information obtained from scientific publications and discussions with species researchers, that the proposed project would have no effect on listed species under NMFS purview.

If you have any questions or need further information, please contact Dr. Gretchen Ehlinger at [Gretchen.s.ehlinger@usace.army.mil](mailto:Gretchen.s.ehlinger@usace.army.mil) or telephone 904-232-1682. Thank you for your assistance in this matter.

Sincerely,

  
Jason J. Spinning  
Interim Chief, Environmental Branch

Enclosures

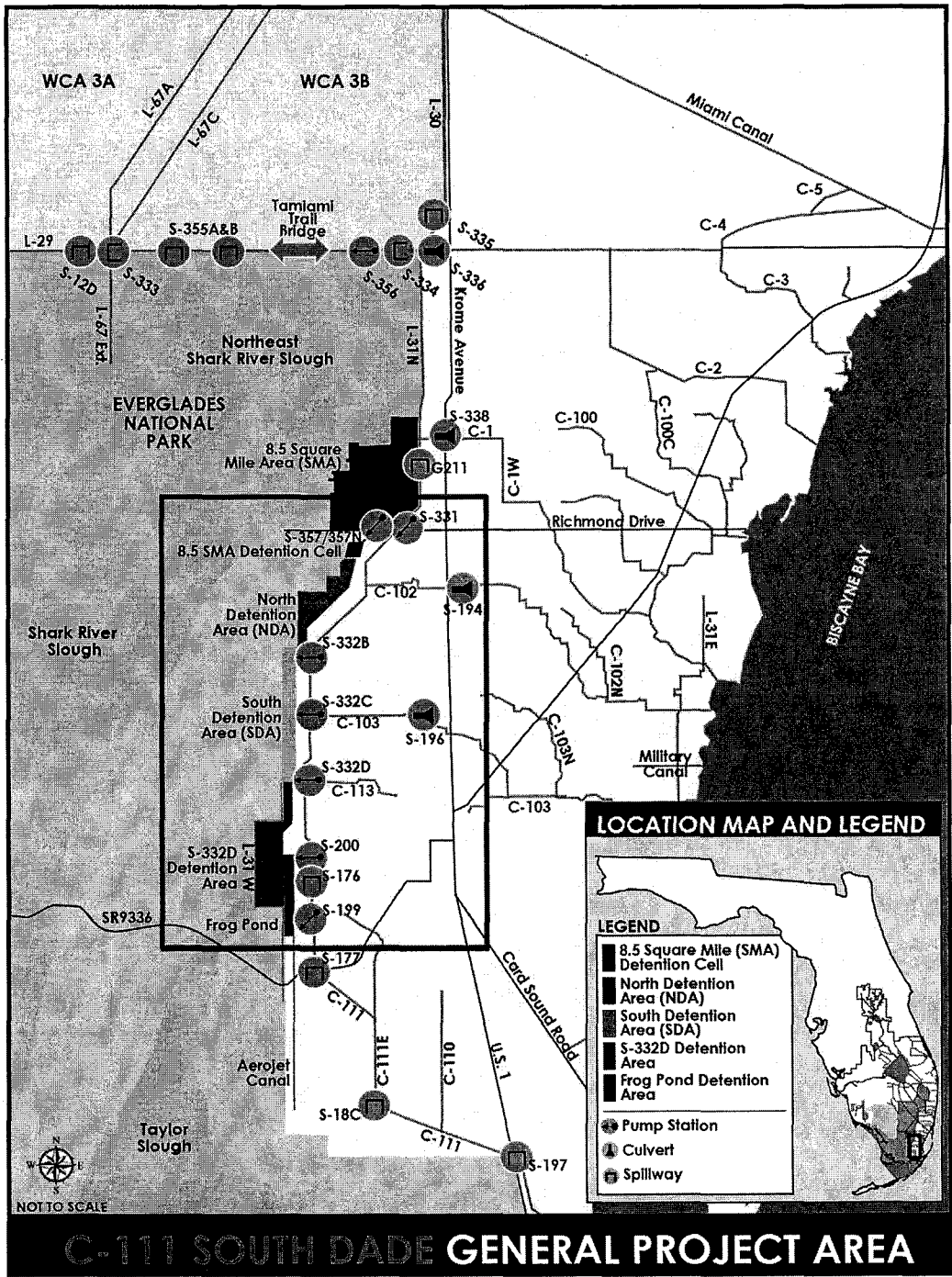


Figure 1. Project Location

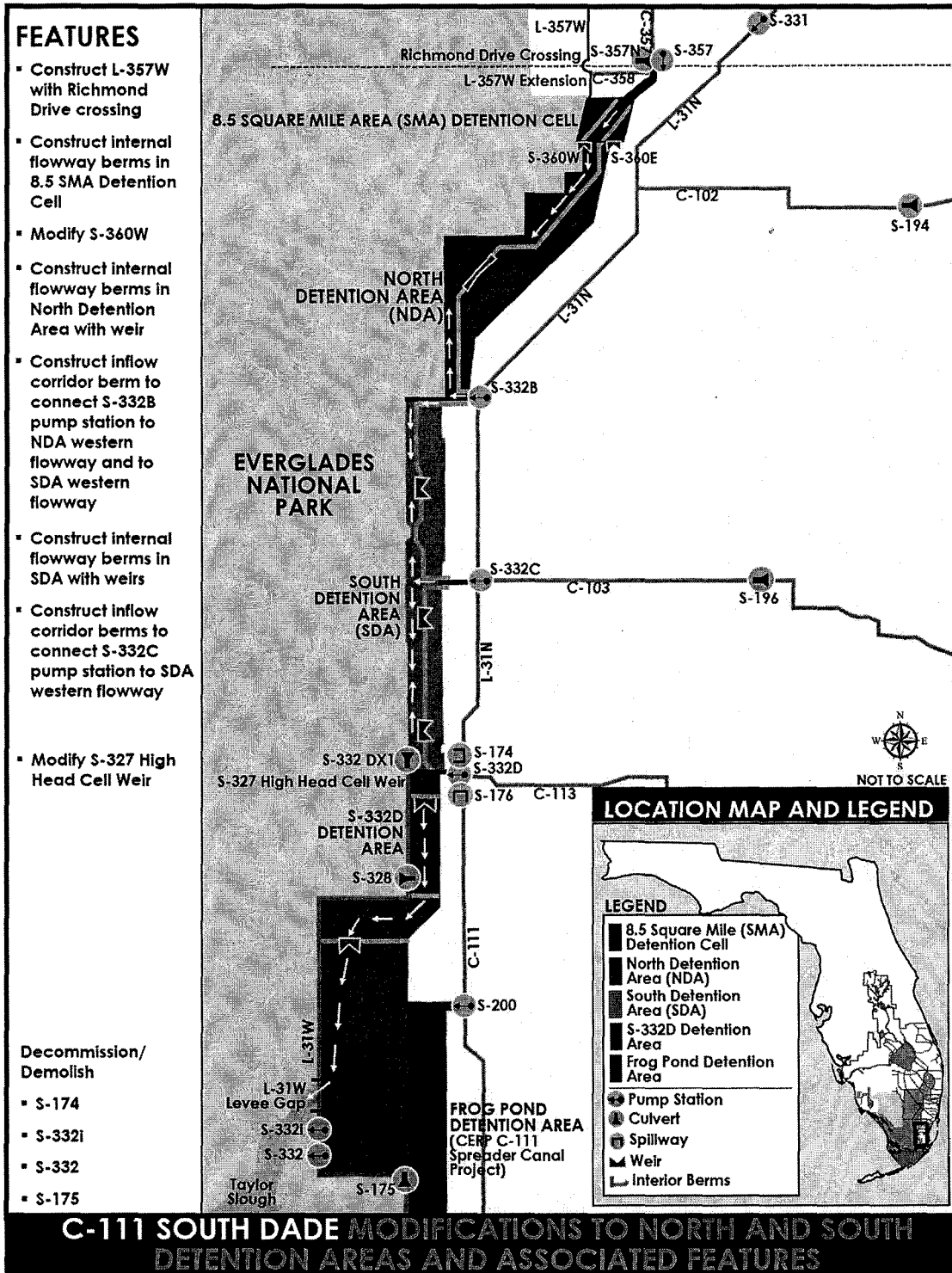


Figure 2. Project Map

Table 1 Listed Endangered, Threatened, Proposed or Candidate Species for listing under the U.S. Endangered Species Act and USACE Determinations.



Common Name	Scientific Name	Status	May Affect, Likely to Adversely Effect	May Affect, Not Likely to Adversely Effect	No Effect
<b>Mammals</b>					
Florida panther*	<i>Puma concolor coryi</i>	E		X	
Florida manatee*	<i>Trichechus manatus latirostris</i>	E, CH			X
Florida bonneted bat*	<i>Eumops floridanus</i>	E			X
<b>Birds</b>					
Cape Sable seaside sparrow *	<i>Ammodramus maritimus mirabilis</i>	E, CH		X	
Everglade snail kite *	<i>Rostrhamus sociabilis plumbeus</i>	E, CH			X
Piping plover*	<i>Charadrius melodus</i>	T			X
Red-cockaded woodpecker*	<i>Picoides borealis</i>	E			X
Roseate tern*	<i>Sterna dougallii dougallii</i>	T			X
Wood stork*	<i>Mycteria americana</i>	T			X
<b>Reptiles</b>					
American Alligator*	<i>Alligator mississippiensis</i>	T, SA			X
American crocodile*	<i>Crocodylus acutus</i>	T, CH			X
Eastern indigo snake*	<i>Drymarchon corais couperi</i>	T		X	
Green sea turtle	<i>Chelonia mydas</i>	E			X
Hawksbill sea turtle	<i>Eretmochelys imbricata</i>	E			X

Kemp's Ridley sea turtle	<i>Lepodocheilus kempii</i>	E			X
Leatherbac k sea turtle	<i>Dermochelys coriacea</i>	E			X
Loggerhea d sea turtle	<i>Caretta caretta</i>	E			X
<b>Fish</b>					
Smalltooth sawfish	<i>Pristis pectinata</i>	E, CH			X
<b>Invertebrates</b>					
Bartram's hairstreak butterfly*	<i>Strymon acis bartrami</i>	E			X
Elkhorn coral	<i>Acropora palmata</i>	T, CH			X
Florida leafwing butterfly*	<i>Anaea troglodyta floridalis</i>	E			X
Miami blue butterfly*	<i>Cyclargus thomasi bethunebakeri</i>	E			X
Schaus swallowtail butterfly*	<i>Heraclides aristodemus ponceanus</i>	E			X
Staghorn coral	<i>Acropora cervicornis</i>	T, CH			X
Stock Island tree snail*	<i>Orthalicus reses (not incl. nesodryas)</i>	T			X
<b>Plants</b>					
Crenulate lead plant*	<i>Amorpha crenulata</i>	E			X
Deltoid spurge*	<i>Chamaesyce deltoidea spp. deltoidea</i>	E		X	
Garber's spurge*	<i>Chamaesyce garberi</i>	T		X	
Johnson's seagrass	<i>Halophila johnsonii</i>	E, CH			X
Okeechob ee gourd*	<i>Cucurbita okeechobeensis ssp. okeechobeensis</i>	E			X
Small's milkpea*	<i>Galactia smallii</i>	E		X	

Tiny polygala*	<i>Polygala smallii</i>	E		X	
Big pine partridge pea*	<i>Chamaecrista lineata</i> var. <i>keyensis</i>	Pr E			X
Blodgett's silverbush*	<i>Argythamnia blodgettii</i>	Pr T			X
Cape Sable thoroughwort*	<i>Chromolaena frustrata</i>	E, CH			X
Carter's small-flowered flax*	<i>Linum carteri</i> var. <i>carteri</i>	E, Pr CH			X
Everglades bully*	<i>Sideroxylon reclinatum</i> spp. <i>austrofloridense</i>	C			X
Florida brickell-bush*	<i>Brickellia mosieri</i>	E, Pr CH			X
Florida bristle fern*	<i>Trichomanes punctatum</i> spp. <i>floridanum</i>	Pr E			X
Florida pineland crabgrass*	<i>Digitaria pauciflora</i>	C			X
Florida prairie-clover*	<i>Dalea carthagenensis</i> var. <i>floridana</i>	C			X
Florida semaphore cactus*	<i>Consolea corallicola</i>	E			X
Pineland sandmat*	<i>Chamaesyce deltoidea</i> ssp. <i>pinetorum</i>	C			X
Sand flax*	<i>Linum arenicola</i>	Pr E			X

E=Endangered; T=Threatened; SA=Similarity of Appearance; CH=Critical Habitat; C=Candidate Species, Pr E = Proposed Endangered, Pr CH = Proposed Critical Habitat

\* Species under the purview of the U.S. Fish and Wildlife Service (FWS). The Corps is conducting a separate consultation with FWS.



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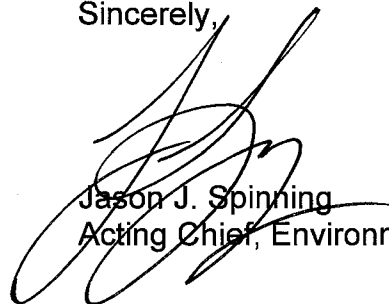
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<http://www.saj.usace.army.mil/About/DivisionsOffices/Planning/EnvironmentalBranch/EnvironmentalDocuments.aspx>

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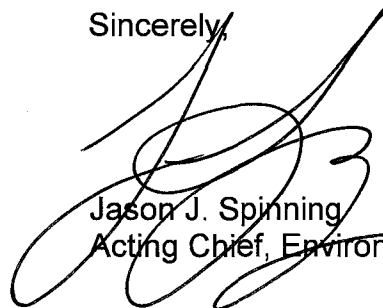
<http://www.saj.usace.army.mil/About/DivisionsOffices/Planning/EnvironmentalBranch/EnvironmentalDocuments.aspx>

A printed copy of the report is also available at the following libraries:

Miami-Dade Public Library	700 N Homestead	Homestead	FL	33030
Miami-Dade Public Library Main Branch	101 West Flagler Street	Miami	FL	33130

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