

Attachment C
A.D. Barnes Park Street View

DRAFT



Note: Photo shows the view from the proposed Ludlam Trail west along SW 37th Street towards the Park entrance near A.D. Barnes Park Aquatic Center.

Source: Google Maps, Street View



Note: Photo shows the view facing west from SW 37th Street towards the Park entrance near A.D. Barnes Park Aquatic Center.

Source: Google Maps, Street View

Attachment D
A.D. Barnes Park Statement of Significance

DRAFT



miamidade.gov

Parks, Recreation and Open Spaces
275 NW 2nd Street
Miami, Florida 33128
T 305-755-7800

*Every Great Community has
a Great Park System.*

October 12, 2018

Mr. Steven Craig James
District Environmental Administrator
Intermodal Systems Development Office
Florida Department of Transportation, District Six
Adam Leigh Cann Building
1000 NW 111th Avenue, Room 6109
Miami, Florida 33172
steven.james@dot.state.fl.us

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Subject: A.D. (Doug) Barnes Park and Preserve
Section 4(f) Statement of Significance
Ludlam Trail Corridor Project Development and Environment (PD&E) Study from
SW 80th Street to NW 7th Street

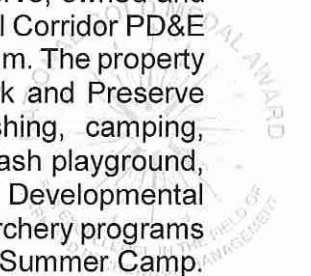
RECIPIENT

Dear Mr. James:

As the Official with Jurisdiction, please accept this letter as formal Statement of Significance for A.D. (Doug) Barnes Park and Preserve. This recreational resource is located within Miami-Dade County, and is a significant resource within the meaning of Section 4(f) regulations. Significance means that in comparing the availability and function of the recreation area, park or wildlife and waterfowl refuge area with the recreational, park and refuge objectives of that community, the land in question plays an important role in meeting those objectives.



A.D. Barnes Park and Preserve is a 60.93-acre publically owned park and preserve, owned and maintained by Miami-Dade County, located adjacent to the proposed Ludlam Trail Corridor PD&E Study. The park is open to the public seven days a week from 7:00 a.m. to 10:00 p.m. The property address is 3401 SW 72 Avenue, Miami, Florida 33155-3665. A.D. Barnes Park and Preserve supports a range of activities including walking/jogging, biking, fitness, fishing, camping, basketball, picnic shelter/pavilion, playground, swimming pools (year round), splash playground, visitor and nature center. In addition, park programs include: Adults with Developmental Disabilities; EcoAdventures led canoe tours, nature hikes, campfire night walks, archery programs and nature camps; Learn-to-Swim; Leisure Access Program; Spring Camp; and Summer Camp. The Leisure Access Center is fully accessible for persons with disabilities. Paved trails wind throughout the park and preserve areas providing access for all people to experience the plants and wildlife in the preserve. It features two cottages equipped with showers, a lodge, and a dining hall with a full kitchen. There are 39 participants that attend the Adult Training Program in the Leisure Access Center. In addition, the cabins and facilities are rented by park patrons for an estimated average of two weekends per month and three full weeks during the year, for a total of 1,050 patrons. The Disability Services Program serves a total of 9,069 patrons per year. The grand total number of patrons served by both in program and facility rental is 10,119 patrons.



Mr. Steven Craig James
Section 4(f) Statement of Significance
Ludlam Trail Corridor PD&E) Study
SW 80th Street to NW 7th Street
Page 2 of 2

In 2016-17 the total use for A.D. Barnes Pool was 37,667 patrons. The major programming at the pool includes Learn-to-Swim, Water Exercise, Competitive Sports, Water Safety, and A.D. (Doug) Barnes Park and Preserve.

Recreational Swimming. In 2016-17 approximately 1,672 patrons registered for Learn-To-Swim classes at A.D. Barnes Pool. In 2017, the total shelter rentals were 529 and the total building rentals were 32.

A. D. Barnes Park and Preserve contains approximately 19 acres of environmentally sensitive areas, composed of 13 acres of pine rockland and 6 acres of tropical hardwood hammock. The 13 acres of pine rockland are designated by Florida Natural Areas Inventory as globally critically imperiled (G1). Over 400 native species of plants occur in pine rocklands and a large proportion of those species are endemic. The Preserve supports one of only two remaining natural populations of the federally endangered crenulate lead-plant (*Amorpha herbacea* var. *crenulata*). The preserve also contains 15 plant species listed by the State of Florida as Endangered, Threatened, or Commercially Exploited. These 19 acres of environmentally sensitive areas plus an additional 6 acres of buffer area are managed for conservation by Miami-Dade County through the Regulatory Economic Resources Department's Environmentally Endangered Lands Program.

In addition, 21.5 acres of environmentally sensitive areas are also designated as Miami-Dade County Natural Forest Community (NFC) and are subject to NFC regulations. NFCs are upland natural areas that meet one or more of the following criteria: the presence of endangered, threatened, rare, or endemic plant species; low percentage of site covered by exotic plant species; high overall plant diversity; wildlife habitat values; and geological features. As such, the tree and understory resources contained in these communities are accorded heightened protection by Section 24-49 of the County Code.

A.D. Barnes Park and Preserve is also home to The Sense of Wonder Nature Center set within Pine Rocklands areas. As a result, the 15-acre Nature Preserve, which hosts an average of 500 visitors a month, has become an oasis for migrating birds, local wildlife and plants, and according to the National Audubon Society, is one of the best places to see birds in Miami. The Nature Center offers numerous outreach programs dedicated to conservation and nature study, designed for all age groups.

Should you have any questions or require additional information, please contact my office at (305) 755-7800.

Sincerely,



Maria I. Nardi
Director

Attachment E
A.D. Barnes Park Concurrence Letter

DRAFT



Florida Department of Transportation

RON DESANTIS
GOVERNOR

1000 NW 111 Avenue
Miami, FL 33172

KEVIN J. THIBAUT, P.E.
SECRETARY

March 5, 2021

Maria I. Nardi
Director
Miami-Dade County Parks, Recreation, and Open Spaces
275 NW 2nd Street, 5th Floor
Miami, Florida 33128

Subject: A.D. (Doug) Barnes Park
Section 4(f) Exception/Exemption
Ludlam Trail Corridor Project Development and Environment (PD&E) Study
From SW 80th Street to 400 feet North of NW 7th Street

Dear Ms. Nardi,

This letter is regarding the above referenced Ludlam Trail project and the proposed improvements to A.D. (Doug) Barnes Park (the Park) located at 3401 SW 72nd Avenue, Miami, Florida 33155. The project includes development of a 5.6-mile multi-use trail extending from SW 80th Street to 400 feet north of NW 7th Street, between 69th and 70th Avenue, as depicted in Attachment A. The proposed Ludlam Trail will provide a safe, dedicated, and direct means of non-motorized transportation to and from residences, work, schools, parks, transit, and retail centers. The proposed trail will serve as a publicly accessible active transportation corridor for bicyclists, pedestrians, and users of other types of non-motorized vehicles.

As part of this project, two new access points with connecting pathways are proposed to link the Park with the proposed Ludlam Trail. Conceptual design plans show two connections between the park and trail, the first near the Park's aquatics center and the second is approximately 120 feet south of the Coral Gables Canal. The first access point occurs at SW 37th Street with no pathway extension into the park; 37th Street provides connection into the park. The second proposed access point occurs at the Park boundary line with a pathway that extends through open space within the park to connect with the most proximate existing park pedestrian pathway. No alteration to the physical dimensions of the active recreational area or layout of the park facilities would occur as a result of the proposed project. The new pathways and access points are intended to enhance park accessibility while preserving existing park functions.

Under Section 4(f) of the U.S. Department of Transportation Act of 1966 (49 U.S.C. 303 and 23 U.S.C 138), the A.D. (Doug) Barnes Park is considered a Section 4(f) resource. A statement of significance supporting this determination of Section 4(f) applicability was provided by your office on October 12, 2018. Consistent with the exceptions listed in 23 CFR § 774.13 and based on the enhancement of the function of the Park, the impacts of this project qualify it for a Section 4(f) Exception/Exemption.

Improve Safety, Enhance Mobility, Inspire Innovation
www.fdot.gov

Ms. Nardi
MDPROS
Ludlam Trail PD&E
Page 2

As the Official with Jurisdiction (OWJ) over the Park, FDOT respectfully requests your written concurrence that this project will not adversely affect the activities, features, or attributes of the Park property, but rather through the provision of additional public access, enhances the function of the Park. Please note that with your agreement, FDOT intends to process a Section 4(f) Exception/Exemption Form. To acknowledge that you have been notified of the intent to pursue a Section 4(f) Exception/Exemption, please sign below and return the signed copy to my attention per the letterhead address above.

If you have any questions, please contact me at (305) 470-5221 or via email at steven.james@dot.state.fl.us. Your prompt response is appreciated.

Sincerely,

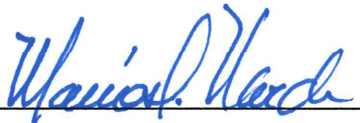
DocuSigned by:

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Steven Craig James
District Environmental Administrator
Florida Department of Transportation, District Six

CONCURRENCE:

The Miami-Dade County Parks, Recreation, and Open Spaces Department concurs that the improvements to A.D. Barnes Park as a result of the Ludlam Trail project as described in this document will not adversely affect the activities, features, or attributes that qualify the property for protection under Section 4(f) [23CFR § 774.5(b)(2) and 23 CFR § 774.17] and enhances the park function. MDPROS understands that FDOT will process a Section 4(f) Exception/Exemption based upon this concurrence.



3.9.21

 Ms. Maria I. Nardi
Director
Miami-Dade County
Parks, Recreation and Open Spaces Department (MDPROS)

Date



Legend

- Proposed New Access Point
- A.D. Barnes Park
- ▬ Ludlam Trail



0 400 Feet
Job: #60580260
Date: February 2021
Source: Esri Aerial Base Map



Park Address:
3401 SW 72nd Avenue
Miami, FL 33155

A.D. Barnes Park - Miami-Dade County
Ludlam Trail PD&E
Miami-Dade County Parks and Recreation

Natural Resources Appendix

Contents:

USFWS Correspondence Email, July 21, 2021
Sole Source Aquifer USEPA Concurrence Letter
Surface Waters Map

DRAFT

Cherney, Laura

From: McDaniel, Michael <Michael.McDaniel@dot.state.fl.us>
Sent: Wednesday, July 21, 2021 11:27 AM
To: James, Steven C.; Cherney, Laura
Cc: Clark, Thu-Huong; Kelley, Shannon; King, Jenn; Fulcher, Virginia
Subject: [EXTERNAL] RE: FW: Notes from yesterday's meeting with USFWS re: Ludlam Trail PD&E

Looks good Craig,

Thanks for the follow up!

From: James, Steven C. <Steven.James@dot.state.fl.us>
Sent: Wednesday, July 21, 2021 11:23 AM
To: Cherney, Laura <Laura.Cherney@aecom.com>
Cc: McDaniel, Michael <Michael.McDaniel@dot.state.fl.us>; Clark, Thu-Huong <Thu-Huong.Clark@dot.state.fl.us>; Kelley, Shannon <Shannon.Kelley@dot.state.fl.us>; King, Jenn <jenn.king@aecom.com>; Fulcher, Virginia <Liz.Fulcher@aecom.com>
Subject: FW: [EXTERNAL] FW: Notes from yesterday's meeting with USFWS re: Ludlam Trail PD&E

Hi Laura, please find response from USFWS below. As discussed yesterday please include by reference into the CatEx and file the email in the SWEPT project folder. Thank you all very much!!

Steven Craig James, RLA 1451
District Environmental Manager
Planning and Environmental Management Office
Florida Department of Transportation, District Six
1000 NW 111th Avenue, Room 6109
Miami, Florida 33172
Office (305) 470-5221
Mobile (305) 632-7391
steven.james@dot.state.fl.us



From: Wrublik, John <john_wrublik@fws.gov>
Sent: Wednesday, July 21, 2021 6:29 AM
To: James, Steven C. <Steven.James@dot.state.fl.us>
Cc: Kelley, Shannon <Shannon.Kelley@dot.state.fl.us>
Subject: Re: [EXTERNAL] FW: Notes from yesterday's meeting with USFWS re: Ludlam Trail PD&E

Craig,

The purpose of this email is to confirm that I met with FDOT staff on February 16, 2021, to provide technical assistance on the Ludlam Trail project.

Sincerely,

John M. Wrublik
U.S. Fish and Wildlife Service

1339 20th Street
Vero Beach, Florida 32960
Office: (772) 469-4282
Fax: (772) 562-4288
email: John.Wrublik@fws.gov

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

From: James, Steven C. <Steven.James@dot.state.fl.us>
Sent: Tuesday, July 20, 2021 5:32 PM
To: Wrublik, John <john_wrublik@fws.gov>
Cc: Kelley, Shannon <Shannon.Kelley@dot.state.fl.us>
Subject: [EXTERNAL] FW: Notes from yesterday's meeting with USFWS re: Ludlam Trail PD&E

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good afternoon John, Please provide an email confirmation of our consultation (and/or technical assistance) meeting on February 16th where we discussed the Ludlum Trail project information shown below. Our FDOT Office of Environmental Management (OEM) has requested this email confirmation as part of their review of the Project's draft Categorical Exclusion Type II Document. If you have any questions don't hesitate to contact me or Shannon. Thank you very much for your assistance.

Steven Craig James, RLA 1451
District Environmental Manager
Planning and Environmental Management Office
Florida Department of Transportation, District Six
1000 NW 111th Avenue, Room 6109
Miami, Florida 33172
Office (305) 470-5221
Mobile (305) 632-7391
steven.james@dot.state.fl.us



From: Cherney, Laura <Laura.Cherney@aecom.com>
Sent: Wednesday, February 17, 2021 10:44 AM
To: James, Steven C. <Steven.James@dot.state.fl.us>; Kelley, Shannon <Shannon.Kelley@dot.state.fl.us>
Cc: Stannard, Keith <keith.stannard@aecom.com>; McKinney, Megan <megan.mckinney@aecom.com>
Subject: Notes from yesterday's meeting with USFWS re: Ludlam Trail PD&E

EXTERNAL SENDER: Use caution with links and attachments.

Hi Shannon – As requested, please see some notes from yesterday's meeting with USFWS. Thanks!

Meeting Note: USFWS Review meeting for Ludlam Trail PD&E NRE

Held via Teams on Tuesday, 2/16/21 at 11AM

Attendees:

USFWS: John Wrublik

FDOT: Craig James, Shannon Kelley

MDPROS: Alissa Turteltaub, Jenny Stern, Rosangelina Castro-Hernandez

AECOM: Laura Cherney, Megan McKinney, Keith Stannard

Topics discussed:

- FDOT (Craig James) provided project background with regard to purpose and funding and advised the relationship between FDOT and the County with respect to project responsibilities. FDOT also discussed the project phasing (project is currently in the Planning/PD&E phase and will soon move into the design phase) and the project schedule.
- AECOM provided an overview of the project including the project's build alternative, photos of existing conditions, and portions of the NRE document. Species and Determinations of Affect were presented and discussed. May Affect, Not Likely to Adversely Affect (MANLAA) determinations were made for 3 species – West Indian manatee, Eastern indigo snake, and Florida bonneted bat. Critical Habitat for the West Indian manatee was discussed, due to existing water flow control structures located downstream (east) of both surface water crossings that would likely prevent manatee migration upstream to the project corridor at both crossing locations the proposed project would not result in the “destruction or adverse modification of critical habitat.”
- John (USFWS) indicated that determinations for the Eastern indigo snake and the Florida bonneted bat could be downgraded from “MANLAA” to “no effect” determination for the following reasons:
 - Project is located in a highly urbanized area
 - No sightings for either the snake or the bat have been recorded within the project limits or within close proximity to the project
 - Further, potential habitat nor any signs of either species were not identified within the project limits during the field survey

Laura J. Cherney

Project Manager / Senior Ecologist, Environment

Mobile: +1 (305) 546-8283

Laura.Cherney@aecom.com

AECOM

2 Alhambra Plaza, Suite 900

Coral Gables, Florida 33134

Tel: +1 (305) 444-4691

aecom.com

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW
ATLANTA, GEORGIA 30303-3104

Mr. Dat Huynh
District Planning and Environmental Administrator
Florida Department of Transportation, District 6
1000 North West 111th Avenue
Miami, Florida 33172

Subject: Sole Source Aquifer Review/Concurrence for Ludlam Trail Corridor, ETDM Number: 14369.

Dear Mr. Huynh:

The U.S. Environmental Protection Agency, Region 4 received the Florida Department of Transportation's (FDOT) request on May 21, 2021 to review the above referenced project pursuant to Section 1424(e) of the Safe Drinking Water Act (SDWA), 42 U.S.C. § 300h-3. The objective of the EPA's review is to determine if the project lies within the boundaries, including recharge and streamflow source zones, of an EPA designated Sole Source Aquifer (SSA), and to determine if the project poses potential adverse health or environmental impacts. A SSA is the sole or principal water source for a designated area.

Ludlam Trail Corridor project (Project) has been determined to lie inside the designated boundaries of the Biscayne Sole Source Aquifer and based on the information provided, may cause a significant impact to the aquifer system when the Project's bridge foundations are installed, construction dewatering is undertaken, and/or the documented groundwater contamination is disturbed. However, with proper implementation of best management practices (BMPs), these potential impacts can be adequately reduced or properly mitigated. To that effect, when installing bridge foundations, the FDOT must adhere to the list of BMPs provided as items 1 and 2 below. The dewatering operation BMPs are listed in item 3, and groundwater contamination BMPs are listed in item 4 below:

1. FDOT Design Manual Chapter 320 Stormwater Pollution Prevention Plan (SWPPP)
2. FDOT Standard Specification for Road and Bridge Construction,
 - a. Section 6 – Control of Materials
 - b. Section 104 – Prevention, Control, And Abatement of Erosion and Water Pollution
 - c. Section 455 – Structures Foundations
3. U.S. Bureau of Reclamation Engineering Geology Field Manual – Chapter 20 Water Control. <https://www.usbr.gov/tsc/techreferences/mands/geologyfieldmanual-vol2/Chapter20.pdf>
4. Prepare and implement an Engineering Control Plan and a Soil Management Plan for the documented groundwater contamination plume in the project area and perform the required treatment prior to construction if necessary. Provide the EPA with Engineering Control Plan and a Soil Management Plan when developed as well as any treatment methods used to contain the contamination.

Furthermore, all debris from any demolition of the existing structures must be properly contained and removed from the site prior to construction of the new structure. If applicable, all county flood plain management plans and public notification processes must be followed. During construction, it is the EPA's understanding and expectation that those responsible for the project will strictly adhere to all Federal, State, and local government permits, ordinances, planning designs, construction codes, operation, maintenance, and engineering requirements, and any contaminant mitigation recommendations outlined by federal and state agency reviews. All best management practices for erosion and sedimentation control must also be followed and State and local environmental offices must be contacted to address proper drainage and storm water designs. Additionally, the project manager should contact State and local environmental officials to obtain a copy of any local Wellhead Protection Plans. The following website provides information regarding the Florida Department of Environmental Protection's Source Water Assessment and Protection Program.

<http://www.dep.state.fl.us/swapp/Default.htm>

The EPA finds that, if the conditions outlined above are adhered to, this Project should have no significant impact to the aquifer system. Please note that this "no significant impact" finding has been determined based on compliance with the requirements outlined above and, on the information provided. Further, this finding only relates to Section 1424(e) of the SDWA, 42 U.S.C. § 300h-3. If there are any significant changes to the project, the EPA Region 4 office should be notified for further review. Other regulatory groups within the EPA responsible for administering other programs may, at their own discretion and under separate cover, provide additional comments.

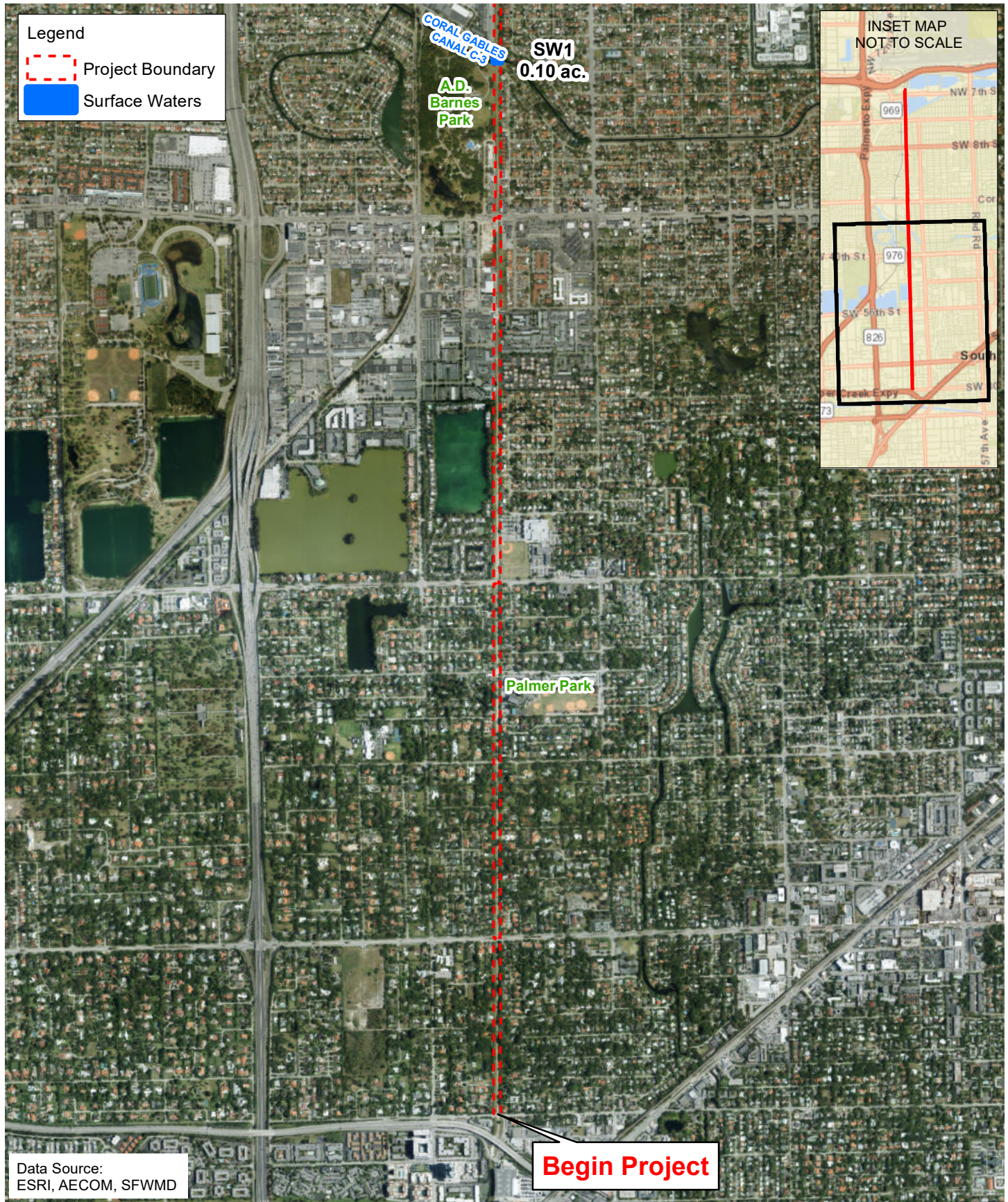
Thank you for your concern with the environmental impacts of this project. If you have any questions, please contact Mr. Khurram Rafi at 404-562-9283 or Rafi.Khurram@epa.gov or Mr. Larry Cole at 404-562-9474 or Cole.Larry@epa.gov.

Sincerely,

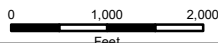
**JOEL
COFFMAN**

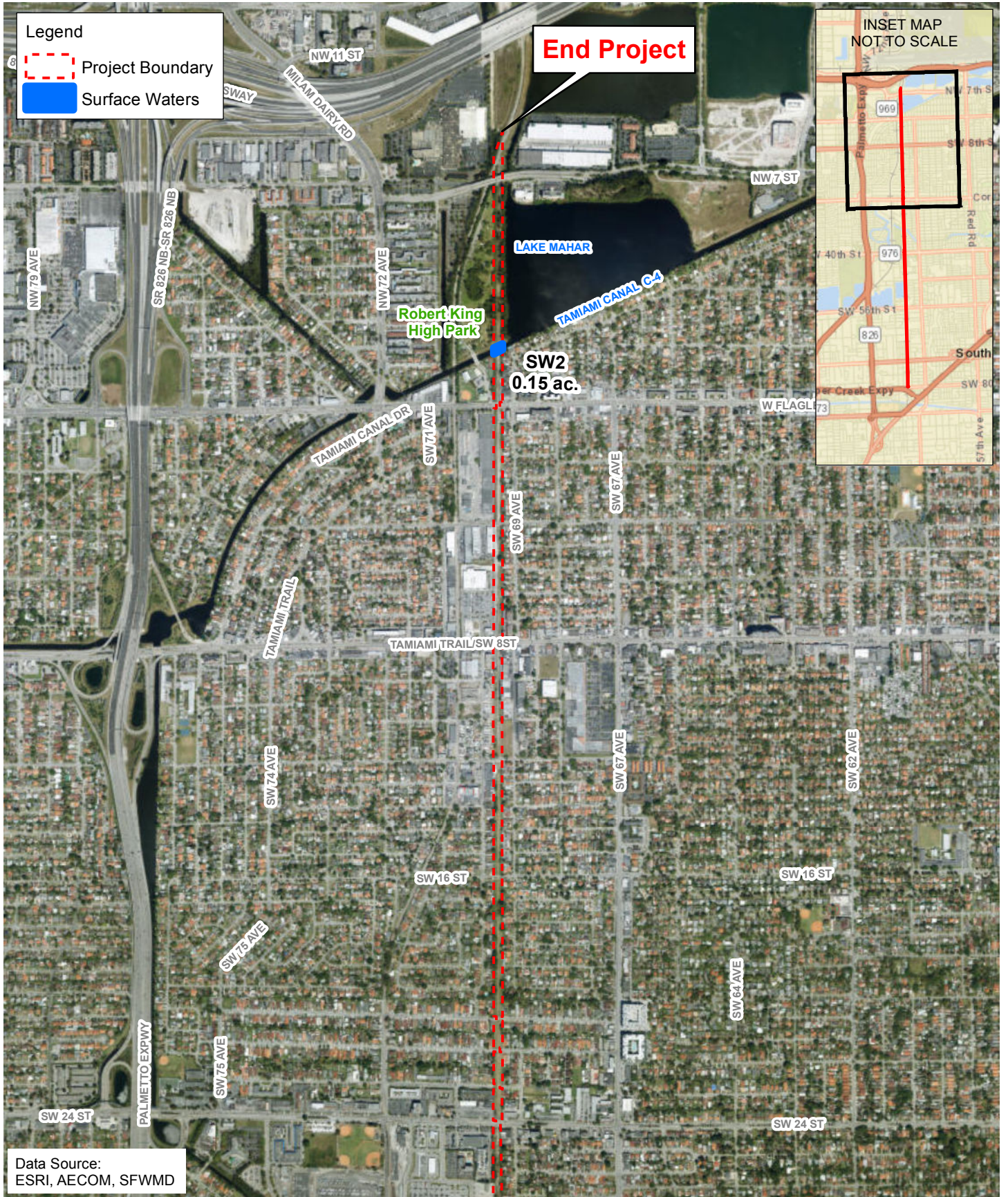
Digitally signed by JOEL
COFFMAN
Date: 2021.06.24
06:46:50 -04'00'

Joel Coffman, Acting Chief
Groundwater, UIC and GIS Section
Safe Drinking Water Branch
EPA, Region 4, Atlanta, GA



Surface Water Locations
 Ludlam Trail Corridor
 PD&E Study





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0 750 1,500
Feet

Surface Water Locations
Ludlam Trail Corridor
PD&E Study



Physical Resources Appendix

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Potential Contamination Site Map

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