



WELCOME!
Ludlam Trail Public Information Meeting
The Meeting will begin at 6:00 pm
November 19th, 2020

miamidade.gov/ludlamtrail



Parks, Recreation and Open Spaces

Sample Crossing: SW 16 Street,

TONIGHT

THE VISION FOR LUDLAM TRAIL




Parks, Recreation and Open Spaces



TONIGHT

PRELIMINARY CONCEPT DESIGN IN PROGRESS



TONIGHT

TIMELINES & TECHNICAL INFORMATION

TONIGHT

POTENTIAL IMPACTS:
ENGINEERING, ENVIRONMENTAL, & SOCIOCULTURAL



Parks, Recreation and Open Spaces

Sample Crossing: SW 16 Street,

LUDLAM TRAIL



Parks, Recreation & Open Spaces

Public Information Meeting
via Zoom
November 19, 2020 at 6pm

miamidade.gov/ludlamtrail





WELCOME!

Ludlam Trail Public Information Meeting

The Presentation will begin at 6:15pm

November 19th, 2020

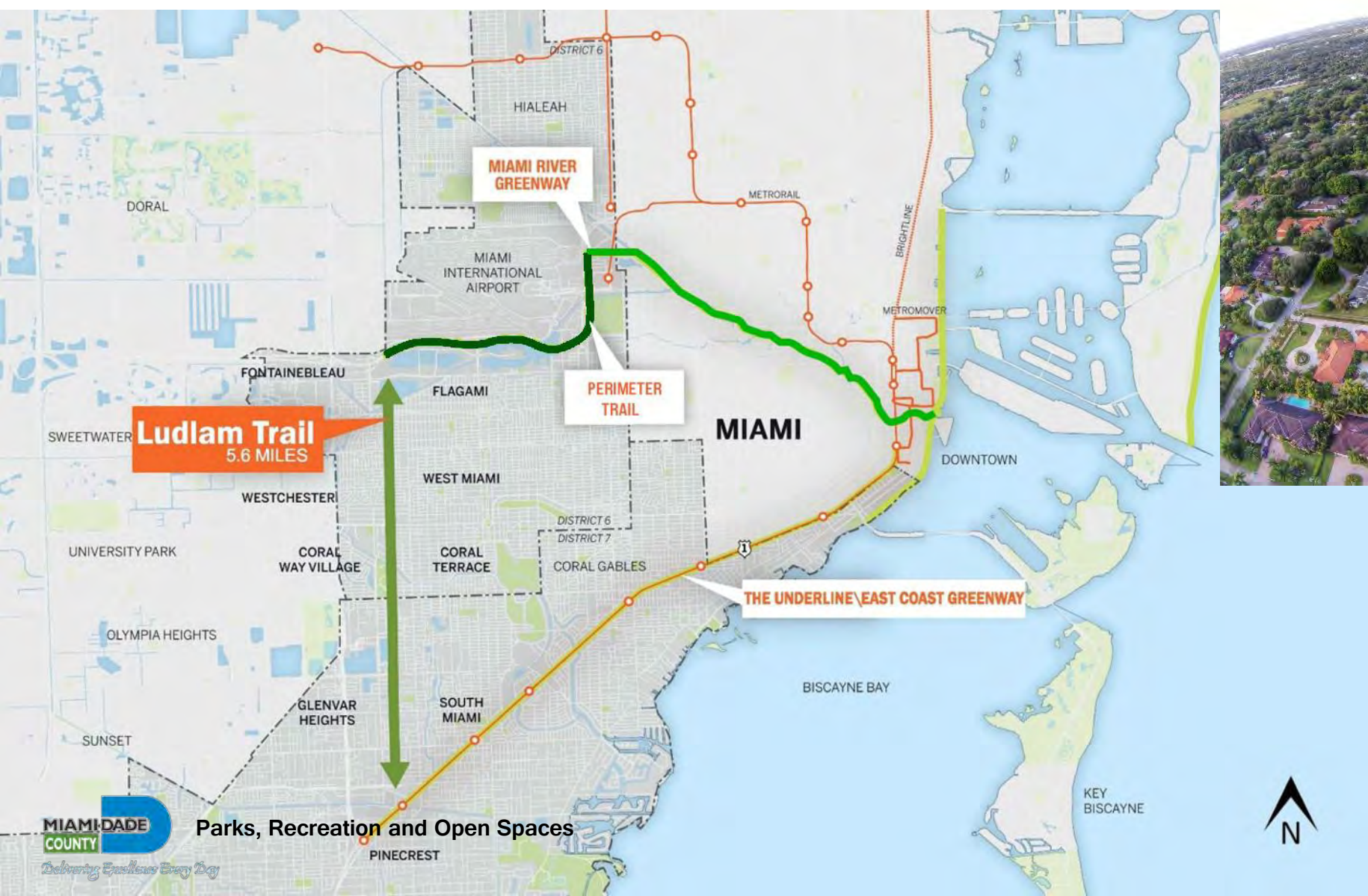
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Parks, Recreation and Open Spaces

LUDLAM TRAIL CORRIDOR PD&E STUDY

Critical Link in the Miami Loop



LUDLAM TRAIL

Long History of Teamwork



LUDLAM TRAIL

Long History of Teamwork



Ludlam Trail Non-Motorized Corridor Study

Planning and Environmental Study
Phase I

FM No. 252074-1-12-01



Florida Department of Transportation
District Six

RS&H

Reynolds, Smith and Hills, Inc.



MIAMI-DADE COUNTY TRAIL BENEFITS STUDY

Ludlam Trail Case Study



<http://www.miamidade.gov/parksmasterplan/library/trail-benefits-report.pdf>

MIAMI-DADE COUNTY PARK and RECREATION DEPARTMENT

LUDLAM TRAIL

Long History of Teamwork

Miami-Dade County continues to monitor the [coronavirus \(COVID-19\)](#).

MIAMI-DADE
COUNTY

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Previous Plans, Studies & Useful Links

▶ [Resolution 350-15](#)

▶ [Ludlam Trail Corridor Charrette Report](#)

▶ [Initial Recommendations Report](#)

▶ Miami-Dade County Trail Design Guidelines and Standards: [Ludlam Trail Case Study – Executive Summary](#)

▶ Miami-Dade Trail Design Guidelines and Standards: [Ludlam Trail Case Study – Report](#)

▶ Miami-Dade County Trail Benefits Study: [Ludlam Trail Case Study – Executive Summary](#)

▶ Miami-Dade County Trail Benefits Study: [Ludlam Trail Case Study – Report](#)

▶ [Ludlam Trail Benefits – Handout](#)

▶ [Friends of the Ludlam Trail](#)

▶ [Miami Dade County Parks, Recreation and Open Space](#)

▶ [Parks Foundation of Miami-Dade](#)

▶ [Florida Greenways and Trails System Plan and Maps](#)

▶ [Miami-Dade County Parks and Open Space System Master Plan Report](#)

▶ [Miami-Dade County Parks and Open Space System Master Plan Handout](#)

Videos

LIVE
PARK

Ludlam Trail Aerial Footage


PROVIDE COMMENT

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PARKS, RECREATION AND OPEN SPACES

Maria I. Nardi
Director

Hickman Building
275 NW 2nd Street, Miami, FL 33136
305-755-7800

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Parks, Recreation and Open Spaces

LUDLAM TRAIL

Long History of Teamwork



LUDLAM TRAIL CORRIDOR

CHARRETTE REPORT

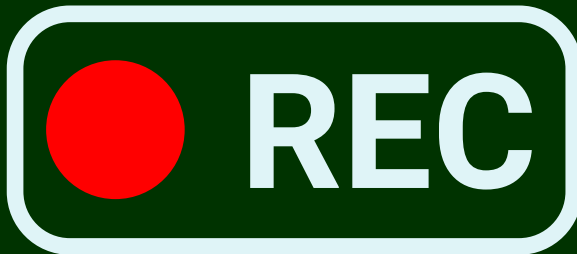


LUDLAM TRAIL CORRIDOR PD&E STUDY

Milestones for Ludlam Trail

- **Spring 2015:** Charrette Process & Public Engagement Meetings
- **April 2015:** BCC Directs staff to prepare a CDMP application via Resolution R-350-15
- **Fall 2015:** Public Hearings for CDMP application
- **July 2017:** BCC approves CDMP amendment and adopted Ordinance No. 17-54. establishing land use within the corridor for recreational trail segments and three development node areas
- **June 2018:** Initiated the PD&E study to fulfill NEPA requirement
- **December 2018:** Miami-Dade County Parks, Recreation and Open Space Department completes purchase of the Ludlam Trail corridor from FEC, including trail easements through development node areas, via Advanced Acquisition process (meaning prior to completion of NEPA)
- **January 2019:** BCC approved Z-18-052 re-zoning 59-acres of land from SW 8th Street to SE 80th Street within former FEC railroad corridor to the Corridor District classification, establishing a new zoning district classification in Miami-Dade County
- **November 2020:** Public Information Meeting as a part of the PD&E/NEPA process

**This meeting is
being RECORDED**



Share with those who couldn't join live!

**Check the website
to watch later:**

miamidade.gov/ludlamtrail

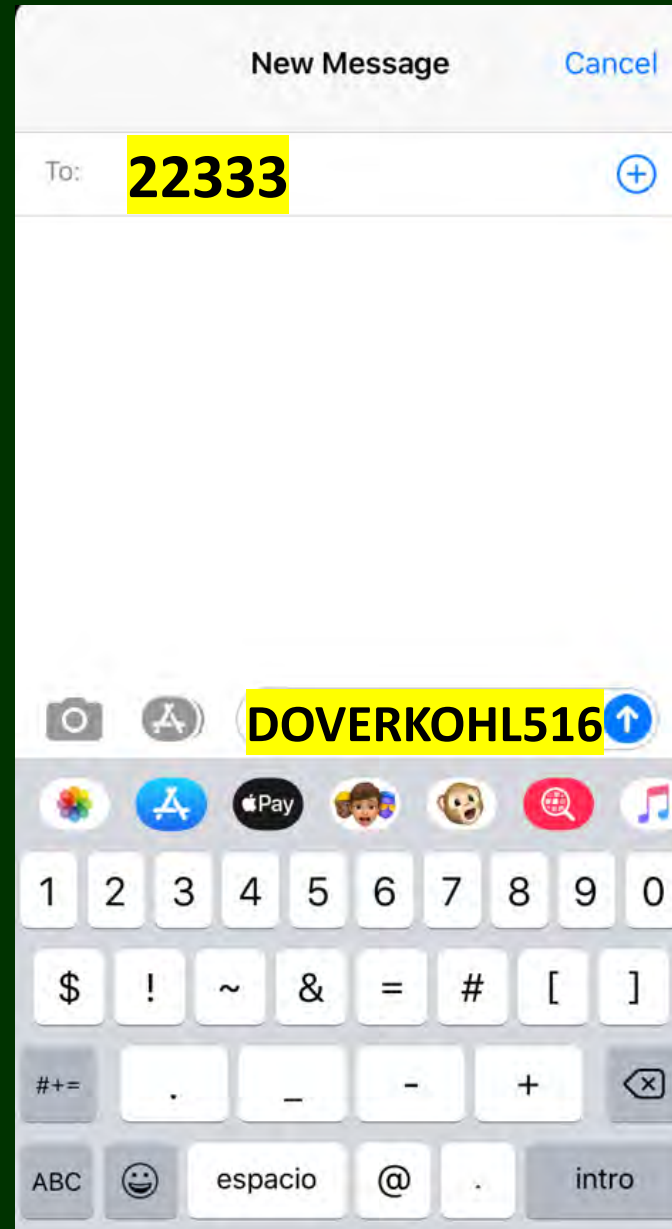
Submit questions or comments via Q & A button during presentation

Click the Q&A button in your Zoom window toolbar:



LATER: Quick Polling

Send answers
through text
messaging!



Send a text to 22333

Send this message:
DOVERKOH516

**Welcome to our elected
officials/representatives
in attendance**

Sample Crossing: SW 16 Street,

LUDLAM TRAIL



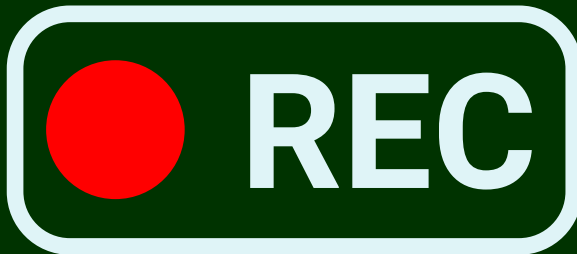
Parks, Recreation & Open Spaces

Public Information Meeting
via Zoom
November 19, 2020 at 6pm

miamidade.gov/ludlamtrail



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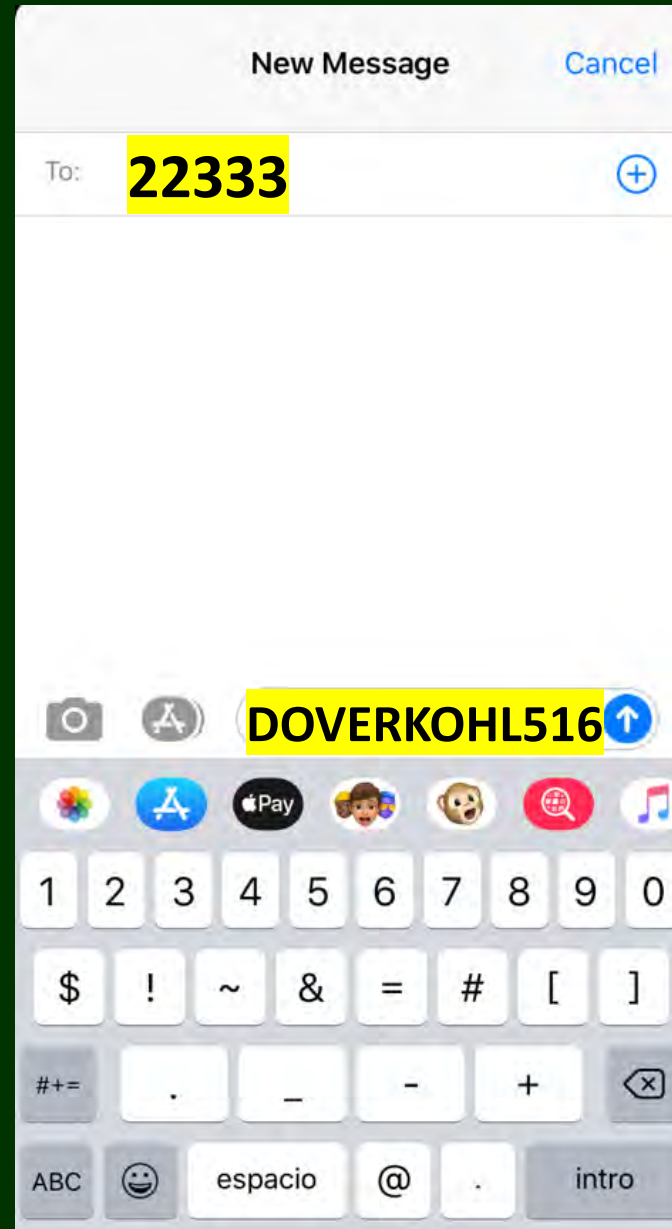
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Existing Conditions



LUDLAM TRAIL CORRIDOR PD&E STUDY

Presenters



Maria I. Nardi
Director
**Miami-Dade County Parks,
Recreation and Open Spaces**



Victor Dover, FAICP, LEED-AP
Urban Designer
Dover, Kohl & Partners



Martin (Marty) Peate, AICP
PD&E Study Project Manager
AECOM

LUDLAM TRAIL CORRIDOR PD&E STUDY

Panelists



Alejandro (Alex) Zizold

PROS Master Plan Manager
**Miami-Dade County Parks,
Recreation and Open Spaces**



Alissa Turtletaub, M.S.

*Park Planning Section Supervisor,
Planning and Design Excellence*
**Miami-Dade County Parks,
Recreation and Open Spaces**



Jenn L. King, P.E.

*PD&E Study Public
Information Officer*
AECOM



Barbara Lamb, CNU-A

Urban Designer
Dover, Kohl & Partners



Gorky Charpentier, P.E.

Engineering
AECOM



Saul Perez, P.E.

Structures Expert
AECOM



Babu Madabhushi

Contamination Expert
AECOM



Kenneth Garcia, AICP, CNU-A

Urban Designer
Dover, Kohl & Partners



Brenda Diaz-Flores, ASLA

Landscape Designer
Dover, Kohl & Partners



Laura Cherney

Environmental Expert
AECOM

Meeting Agenda:

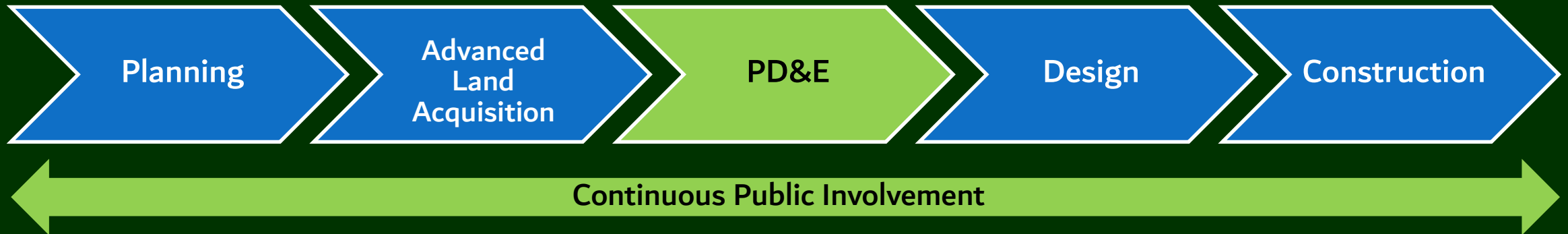
- **NEPA Notices and PD&E Content**
- **Poll 1: Who's in Attendance?**
- **The Vision for Ludlam Trail**
- **A Look at Work in Progress: “15%” Concept**
- **Poll 2: What Do You Think So Far?**
- **Q & A**

LUDLAM TRAIL CORRIDOR PD&E STUDY

PURPOSE OF THE MEETING

- **Present project information**
- **Answer your questions**

PROJECT PHASES:



Acronyms to Know:

NEPA

National Environmental Policy Act:

“Our basic national charter for protection of the environment”

- Signed into federal law by Pres. Richard Nixon: 1969
- Requires evaluation of sociocultural & environmental impacts of projects
- Required for Ludlam Trail project by FDOT & FHWA

Land Use Changes	Social and Economic
Social	
Relocation Potential	
Farmlands	
Aesthetic Effects	
Economic	
Mobility	
Section 4(f) Potential	Cultural
Historic and Archaeological Sites	
Recreation Areas	
Wetlands and Surface Waters	Natural
Water Quality and Quantity	
Floodplains	
Wildlife and Habitat	
Coastal and Marine	
Noise	Physical
Air Quality	
Contamination	
Infrastructure	
Navigation	
Special Designations	

Acronyms to Know:

PD&E

Project Development & Environment Study

Initiated: July 2018 in collaboration with Miami-Dade County Parks, Recreation and Open Spaces & Florida Department of Transportation

Anticipated Completion: September 2021

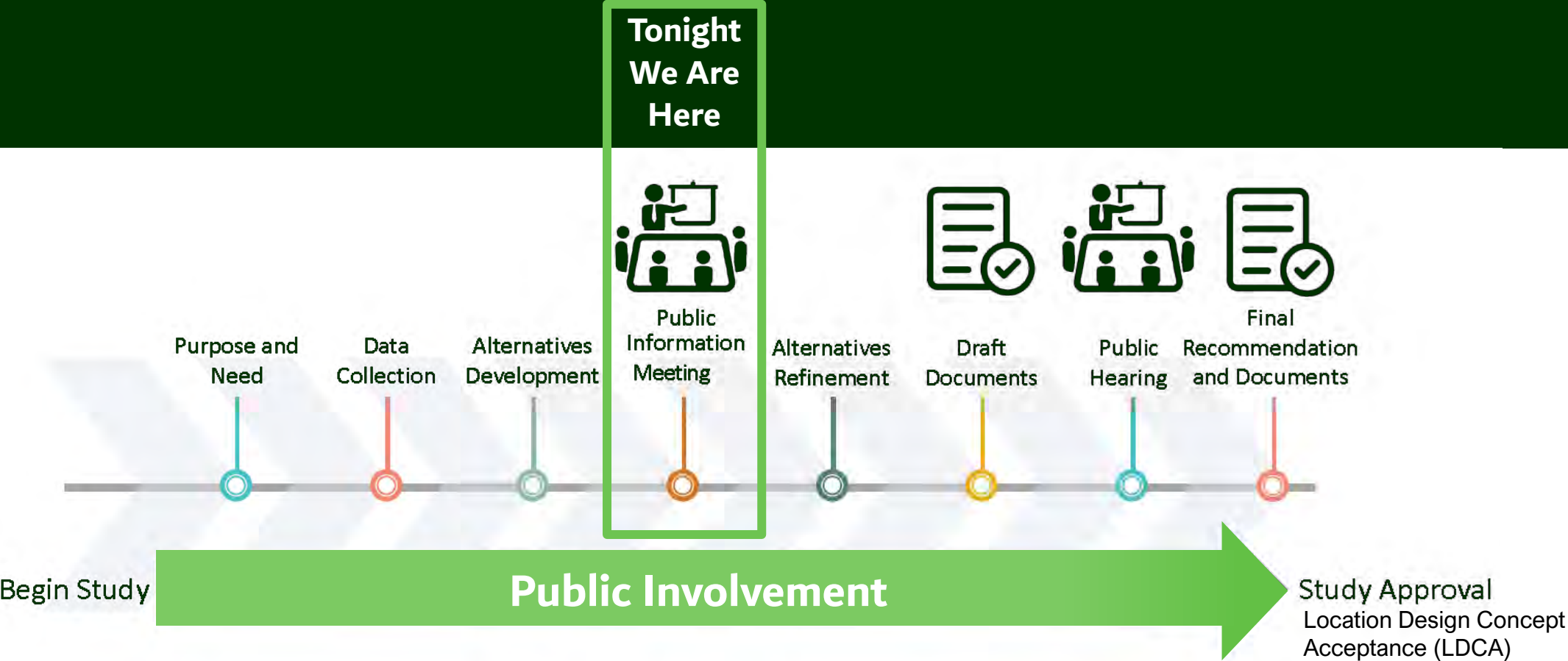
In fulfilment of NEPA



Parks, Recreation and Open Spaces

LUDLAM TRAIL CORRIDOR PD&E STUDY

PD&E Timeline



LUDLAM TRAIL CORRIDOR PD&E STUDY

NEPA ASSIGNMENT

The environmental review , consultation, and other actions required by applicable federal environmental laws for this project are being or have been carried out by Miami-Dade County Parks, Recreation and Open Spaces in coordination with the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated December 14, 2016 and executed by the Federal Highway Administration and FDOT

LUDLAM TRAIL CORRIDOR PD&E STUDY

COMPLIANCE STATEMENT

This public meeting was advertised consistent with Federal and State requirements:

- Section 120.525, F.S. – Meeting, hearings, and workshops
- Section 286.011, F.S. – Government in the Sunshine Law
- Section 339.155, F.S. – Transportation planning
- Americans with Disabilities Act of 1990 (ADA)
- Title VI of the Civil Rights Act of 1964 and Other Nondiscrimination Laws
- 49 CFR Part 24, Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally-Assisted Programs
- 40 CFR Part 1506, Other Requirements of NEPA

LUDLAM TRAIL CORRIDOR PD&E STUDY

Non-Discrimination Policy

Title VI of the Civil Rights Act of 1964 Statement

Public participation for this Virtual Public Information Meeting is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status.

Persons wishing to express their concerns about Title VI may do so by contacting:

Gisel Prado

Parks, Recreation and Open Spaces
Programs and Services Acting Manager

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Irene I. Varela-Riaz, E.I.

Florida Department of Transportation
District 6 Title VI Coordinator

1000 NW 111 Avenue
Miami, FL 33172

305-470-5342
Irene.Varela@dot.state.fl.us

Jacqueline E. Paramore

Florida Department of Transportation
Statewide Title VI Administrator
Equal Opportunity Office
605 Suwannee Street, MS 65
Tallahassee, FL 32399-0450

850-414-4753
Jacqueline.Paramore@dot.state.fl.us



Parks, Recreation and Open Spaces

LUDLAM TRAIL CORRIDOR PD&E STUDY

This Project will not cause any relocation of families or businesses.

Any required right-of-way acquisition will be conducted in accordance with Florida Statute 339.09 and the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, commonly known as the Uniform Act.

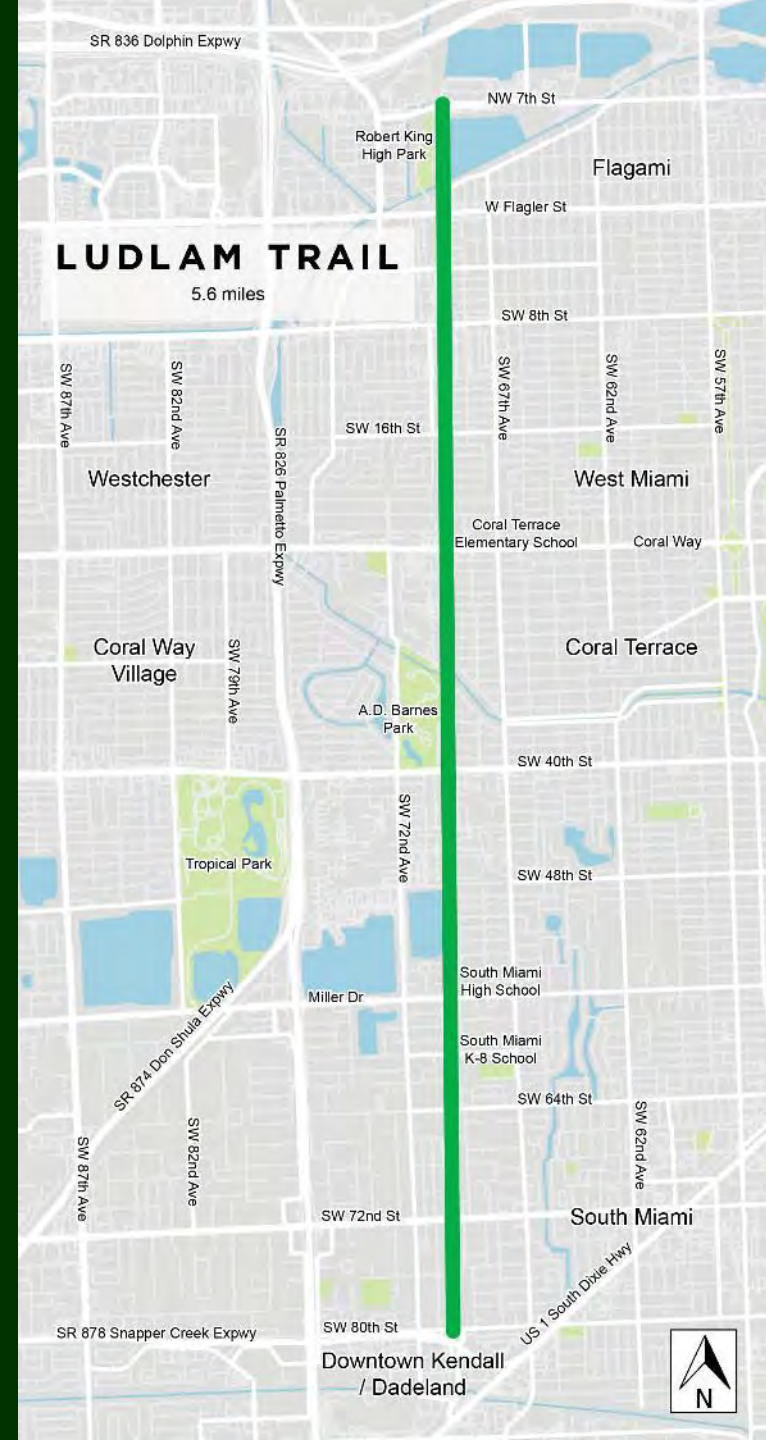
LUDLAM TRAIL CORRIDOR PD&E STUDY

Project Location Map:

Project limits are between:
400 ft south of NW 7th Street and SW 80th Street,
between SW 69-70th Avenues



Parks, Recreation and Open Spaces



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NEPA ALTERNATIVES

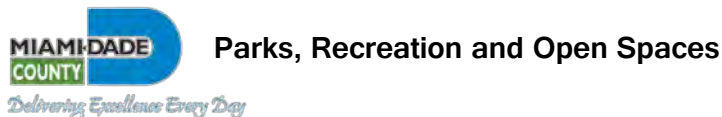
No-Build Alternative:

A project alternative that consists of the existing facility and any minor improvements already programmed that are not specifically tied to the proposed project. This alternative serves as the baseline for comparison against the various build alternatives.

Build Alternative:

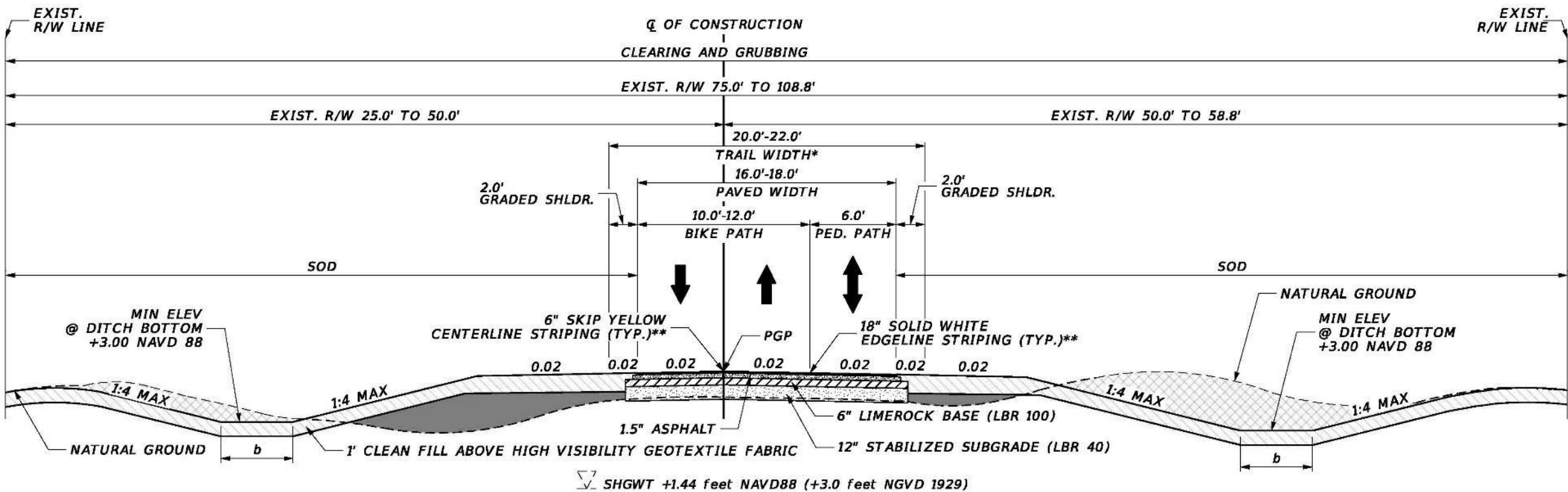
Project alternatives that require reconstruction or widening of existing facilities or building a new facility in a new location consistent with the project's purpose and need.

Typical Engineering Cross Sections - Bicycle & Pedestrian Path (Separated)



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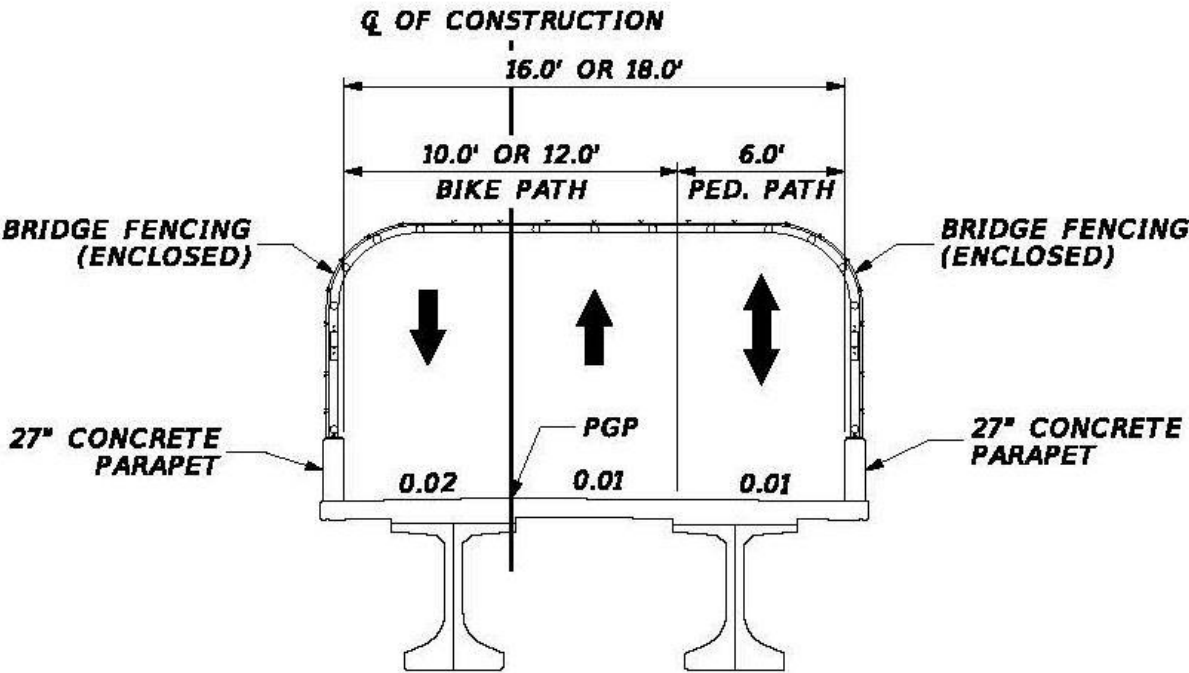
Typical Engineering Cross Sections - Bicycle & Pedestrian Path (No Separation)



LUDLAM TRAIL CORRIDOR PD&E STUDY

Example: Flagler Street Bridge,

Typical Engineering Cross Sections - Pedestrian Bridge



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Natural Resources

Not likely to adversely affect threatened and endangered species

- Eastern indigo snake
- Florida bonneted bat
- West Indian manatee



No wetlands identified within project corridor



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Recreational Resources

Project is in compliance with Section 4(f) of the U.S. Department of Transportation Act of 1966

- Requires consideration of park and recreational lands during transportation project development

Project provides enhanced park access / net benefit to two (2) adjacent parks

- Robert King High Park (City of Miami)
- A. D. Barnes Park (Miami-Dade County)



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Cultural Resources

State Historic Highways (SHH)

There are two routes within project limits designated by the Florida Legislature as “historic”

- SR 986 / SW 72nd Street / Sunset Drive (Law 83-365, effective 6/5/83)
- US 41 / SR 90 / SW 8th Street / Calle Ocho (Law 86-308, effective 7/3/86)

Project is in compliance with laws and requirements

Historic Properties

- Cultural Resource Assessment Survey (CRAS) was completed as part of this PD&E Study
- No archaeological resources were identified in the project corridor
- “No effect to historic properties”
- State Historic Preservation Officer (SHPO) concurred on 8/27/20

LUDLAM TRAIL CORRIDOR PD&E STUDY

Contamination Screening Evaluation Report

- As per Part 2, Chapter 20, Florida Department of Transportation PD&E manual a CSER is being developed along the project corridor
- Existing and readily available data sources are being inventoried to identify potential sites in the project corridor
- The results of this inventory and evaluation will be part of the decision-making process to select a preferred alternative and will be documented in the CSER and presented at the public hearing

Ludlam Trail

miamidade.gov/global/recreation/ludlam-trail/home.page

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Get the latest updates on **Tropical Storm Eta**, as well as information as Miami-Dade County monitors the **coronavirus (COVID-19)**.

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Ludlam Trail

Miami-Dade County Parks, Recreation and Open Spaces is performing a Project Development and Environment (PD&E) Study for the 5.6-mile-long Ludlam Trail Corridor from SW 80th Street to 400 feet north of NW 7th Street, generally following the north-south alignment of what would be NW/SW 69th Avenue, within the former Florida East Coast (FEC) Railway right-of-way. The project is located in unincorporated Miami-Dade County and the City of Miami, Florida.

The purpose of the Ludlam Trail is to provide a new shared-use trail in Miami-Dade County that will include safe, dedicated, direct pathways for walking, running, and cycling; to encourage active lifestyles and the use of green, non-motorized modes of transportation; and to enhance overall connectivity and accessibility between schools, parks, transit stops and residences, workplaces and shopping.

The proposed project supports the vision to provide an interconnected trail system offering transportation alternatives and reducing traffic congestion for a livable, sustainable County. Ludlam Trail will be a vital component of a seamless network of future greenway trails and water trails connecting to the Metrorail Dadeland North Station to the south and to other planned trails including The Underline/East Coast Greenway, South Dade Trail, Snapper Creek Trail, East/West Trail and Merrick Trail. It will enhance mobility and strengthen connections to neighboring communities, providing increased opportunities for economic development.


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Feedback

Information you can find on the website

Information you can find on the website

MIAMI-DADE COUNTY Parks, Recreation and Open Spaces



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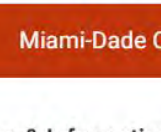
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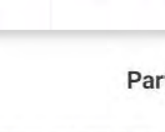
About Us

Trail, East/West Trail and Merrick Trail. It will enhance mobility and strengthen connections to neighboring communities, providing increased opportunities for economic development.


[Ludlam Trail PD&E Fact Sheet](#)
[Ludlam Trail PD&E Virtual Meeting invitation](#)




Find out more about the Ludlam Trail PD&E Study



Please provide your comments and feedback.



Help shape the vision for Ludlam Trail with your input



See our plans, studies and

ABOUT

INPUT

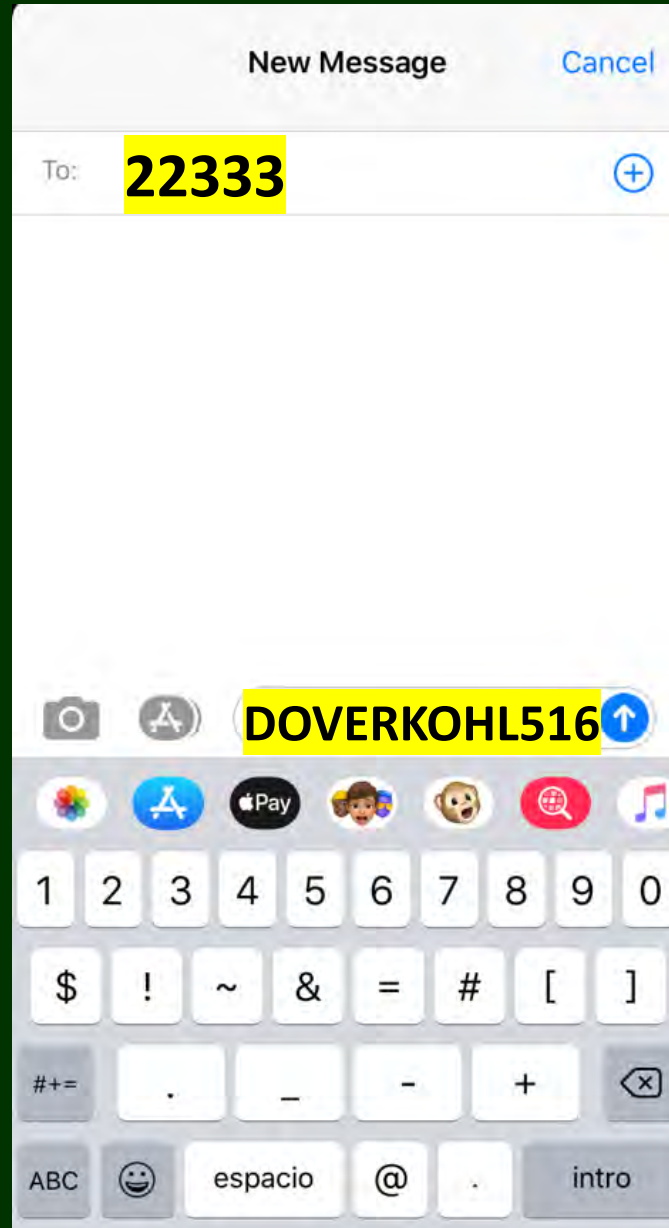
EVENTS

RESOURCES

POLL 1

Quick Polling

Send answers through text messaging!



Send a text to **22333**



Send this message:
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THE VISION

FOR LUDLAM TRAIL



Parks, Recreation and Open Spaces

The LUDLAM TRAIL is envisioned to be a 5.6-mile, iconic corridor with paths for biking, walking, and running, connecting the heart of Miami-Dade. The trail will link schools, parks, transit, homes, workplaces and spots to shop & dine. Stretching north-south from Robert King High Park to Downtown Kendall, this trail will form part of the “Miami Loop” in the county’s network of bikeways, along with the Underline.

THE VISION

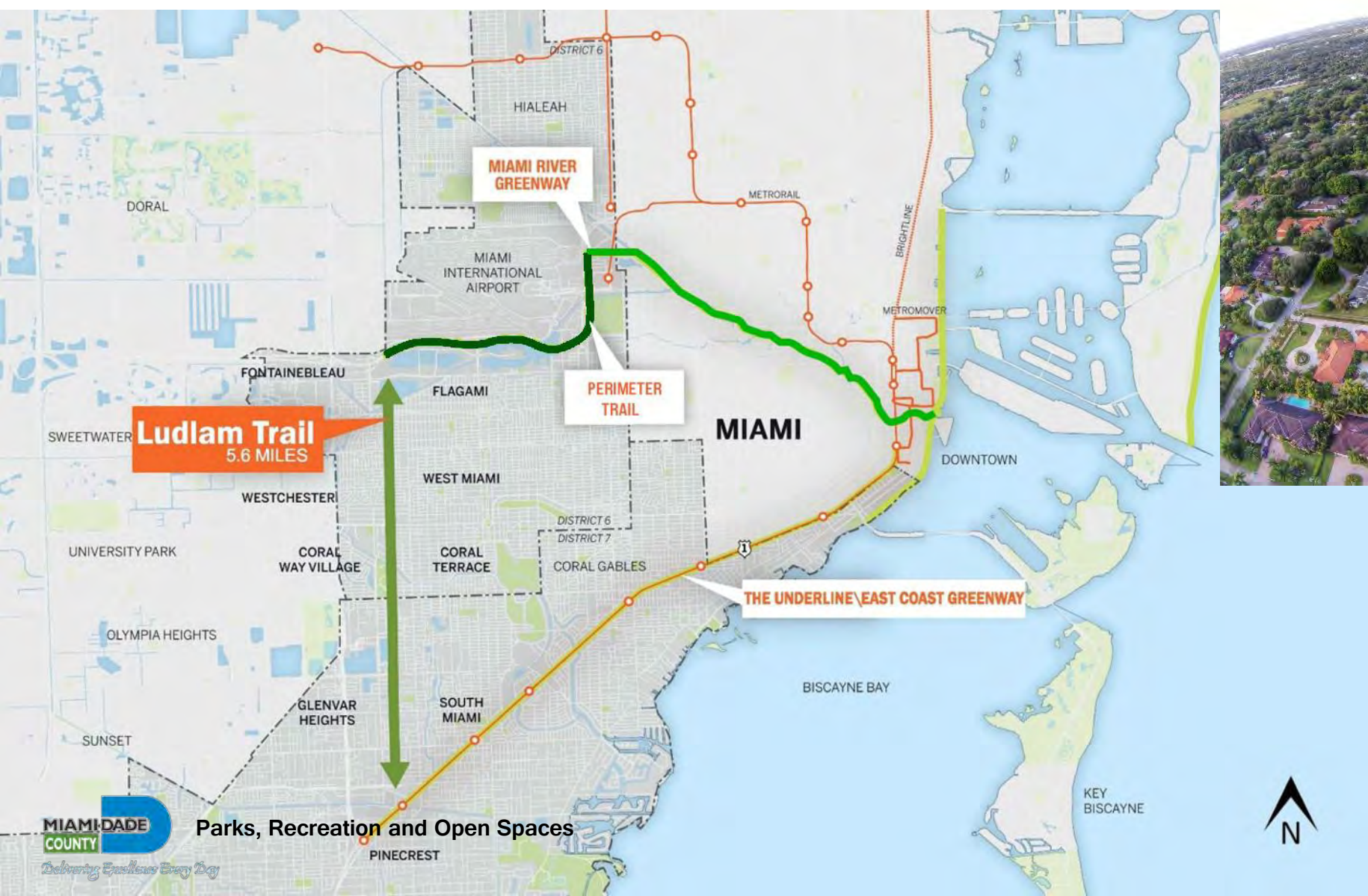
FOR LUDLAM TRAIL



Parks, Recreation and Open Spaces

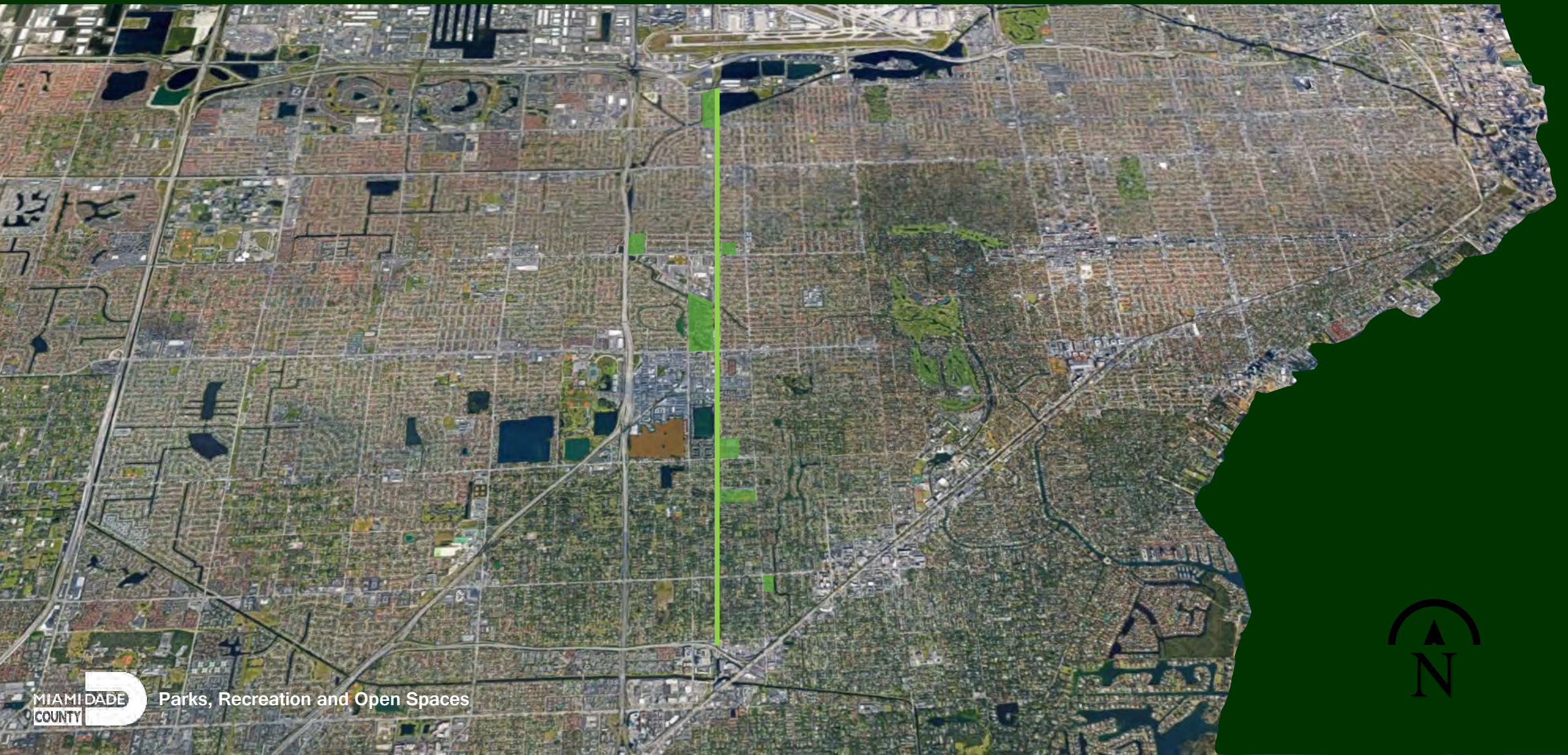
LUDLAM TRAIL CORRIDOR PD&E STUDY

Critical Link in the Miami Loop



LUDLAM TRAIL CORRIDOR PD&E STUDY

Context Map



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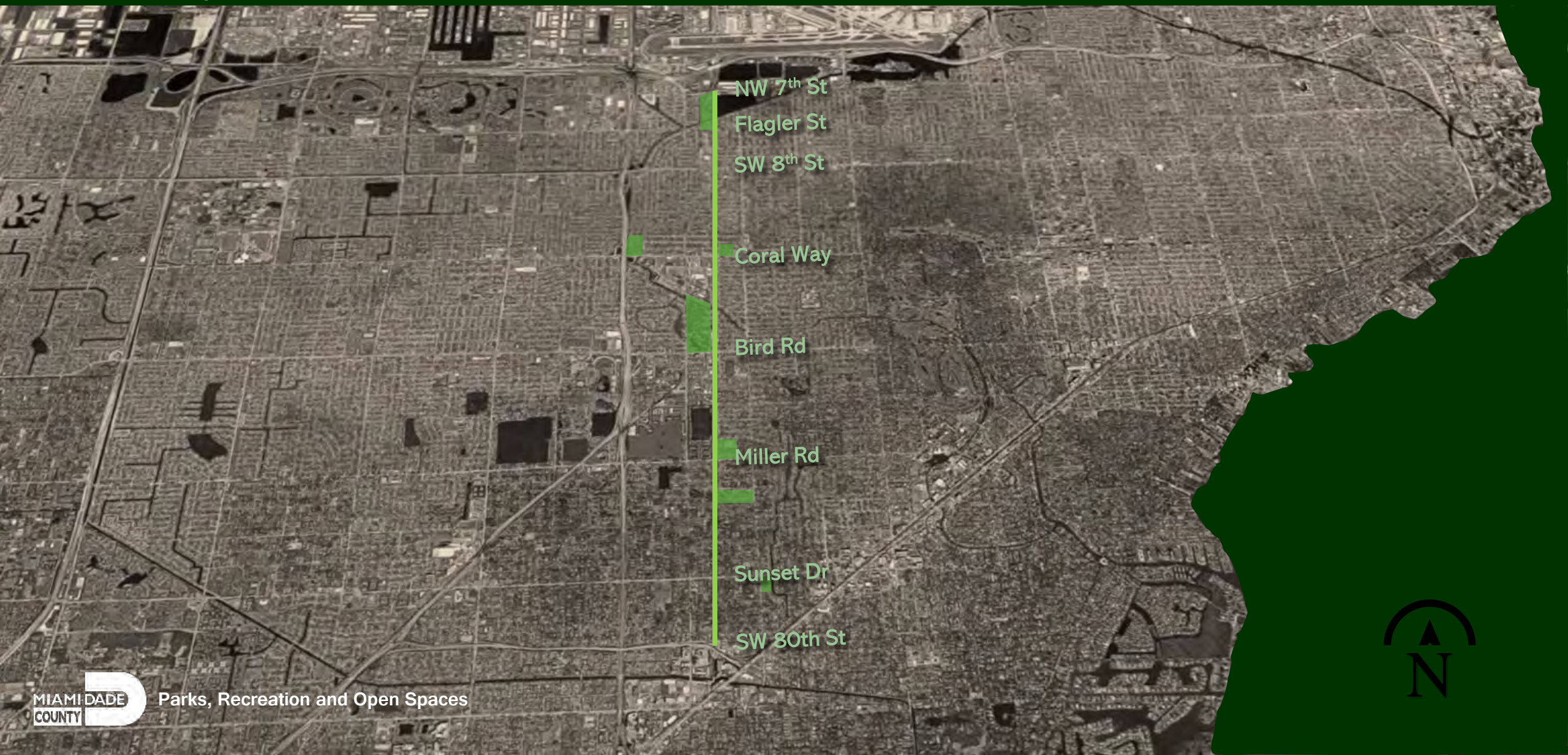
Context Map



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Key Street Crossings

Context Map



LUDLAM TRAIL CORRIDOR PD&E STUDY

Communities

Context Map



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Parks, Schools, & Transit

Context Map



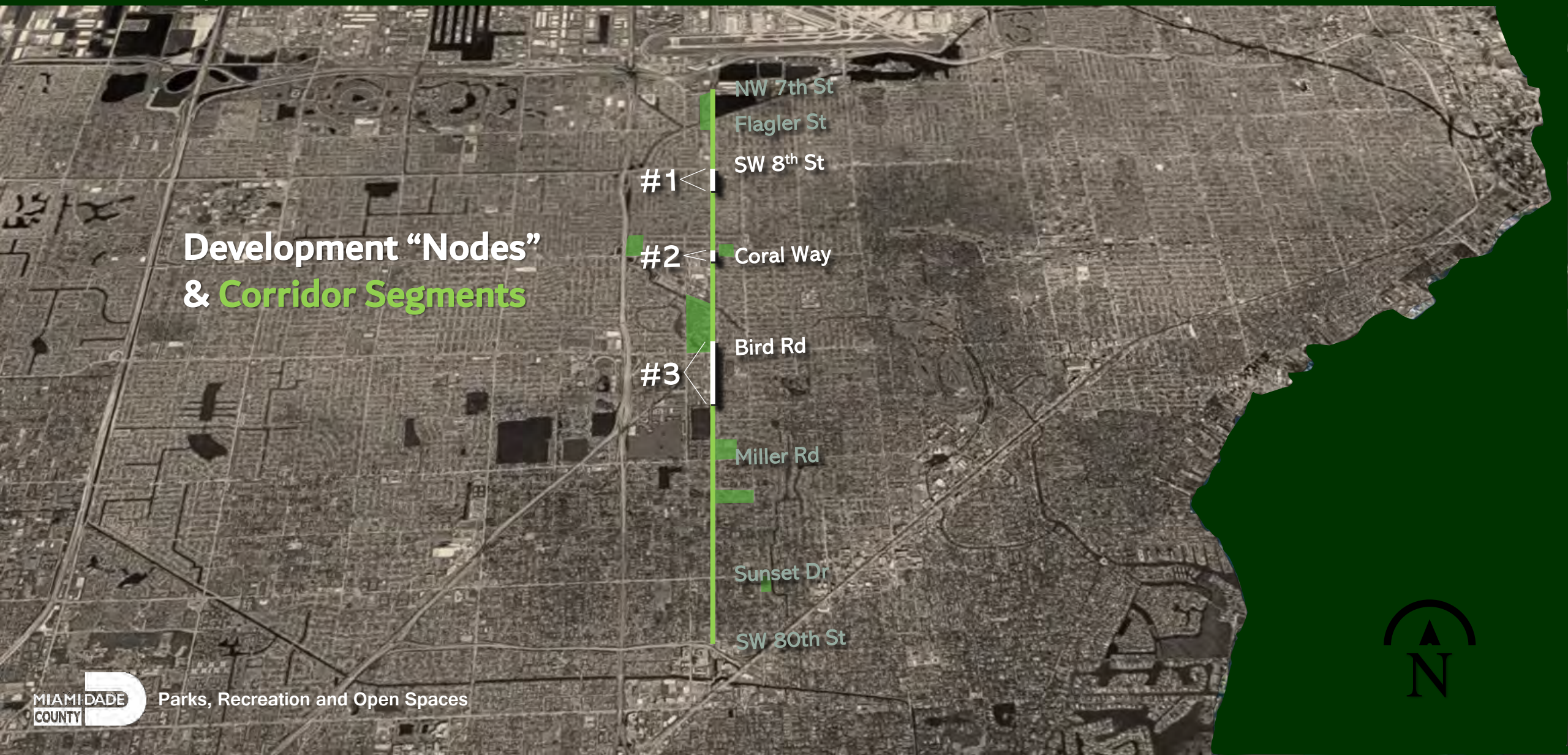
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Context Map



LUDLAM TRAIL CORRIDOR PD&E STUDY

Context Map



Development "Nodes"
& Corridor Segments

#1

#2

#3

NW 7th St

Flagler St

SW 8th St

Coral Way

Bird Rd

Miller Rd

Sunset Dr

SW 30th St



Parks, Recreation and Open Spaces



LUDLAM TRAIL CORRIDOR PD&E STUDY

AT-GRADE Crossings identified during NEPA process

SW 4th St

SW 12th St

SW 16th St

SW 21st St

SW 22nd St

N Waterway Dr

Miller Rd

SW 60th St

SW 64th St

Sunset Dr

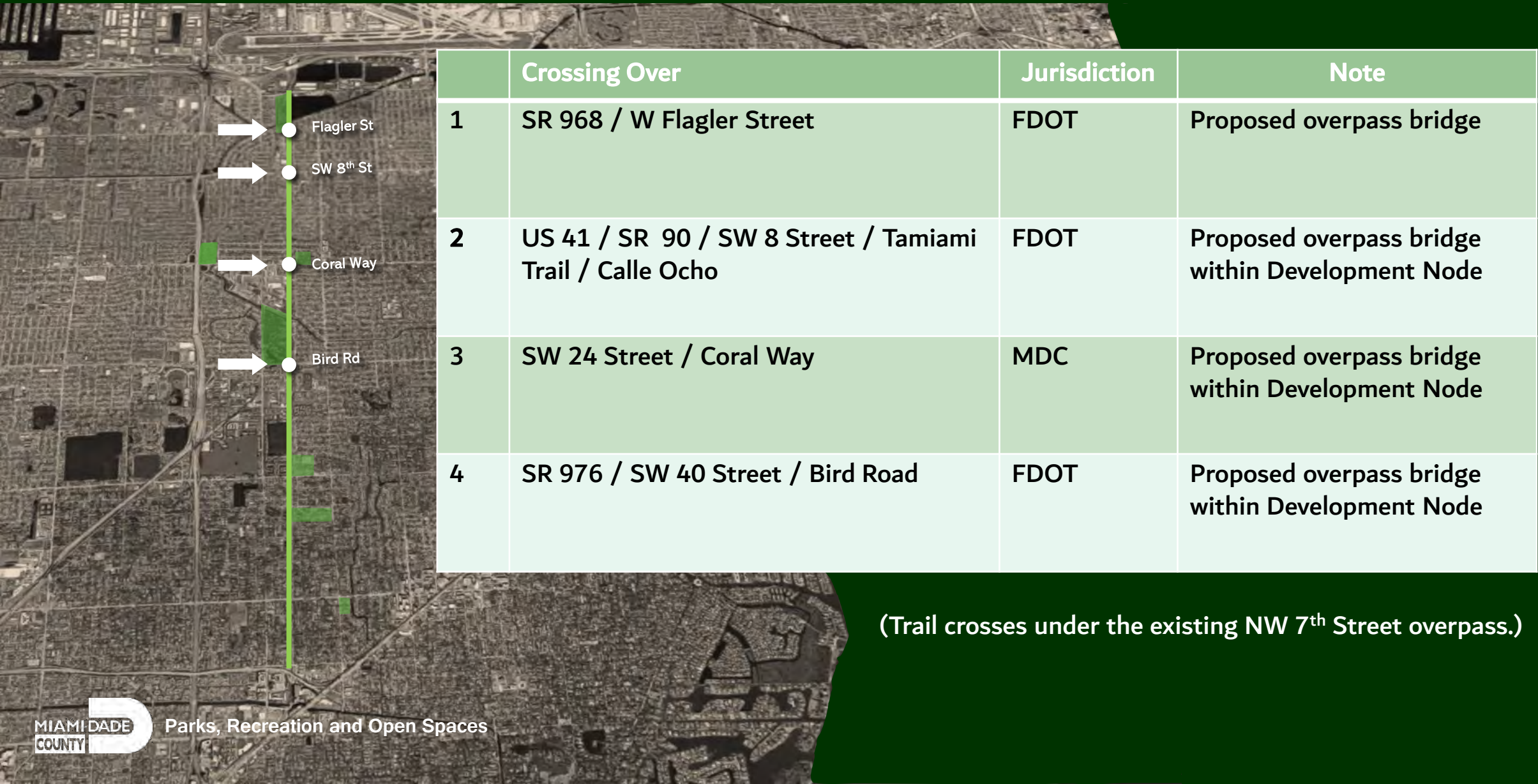
SW 80th St

	Crossing	Jurisdiction	Proposed Treatment
1	SW 4 Street	City of Miami	Rectangular Rapid Flashing Beacon
2	SW 12 Street	DTPW	Crosswalk
3	SW 16 Street	DTPW	Pedestrian Hybrid Beacon
4	SW 21 Street	DTPW	Crosswalk
5	SW 22 Street	DTPW	Crosswalk
6	N Waterway Drive	DTPW	Pedestrian Hybrid Beacon
7	SW 56 Street (Miller Rd)	DTPW	Pedestrian Hybrid Beacon
8	SW 60 Street	DTPW	Crosswalk
9	SW 64 Street	DTPW	Pedestrian Hybrid Beacon
10	SR 986 / SW 72 Street (Sunset Dr)	FDOT	Pedestrian Hybrid Beacon
11	SW 80 Street	DTPW	Pedestrian Hybrid Beacon

(Trail crosses under the existing NW 7th Street overpass.)

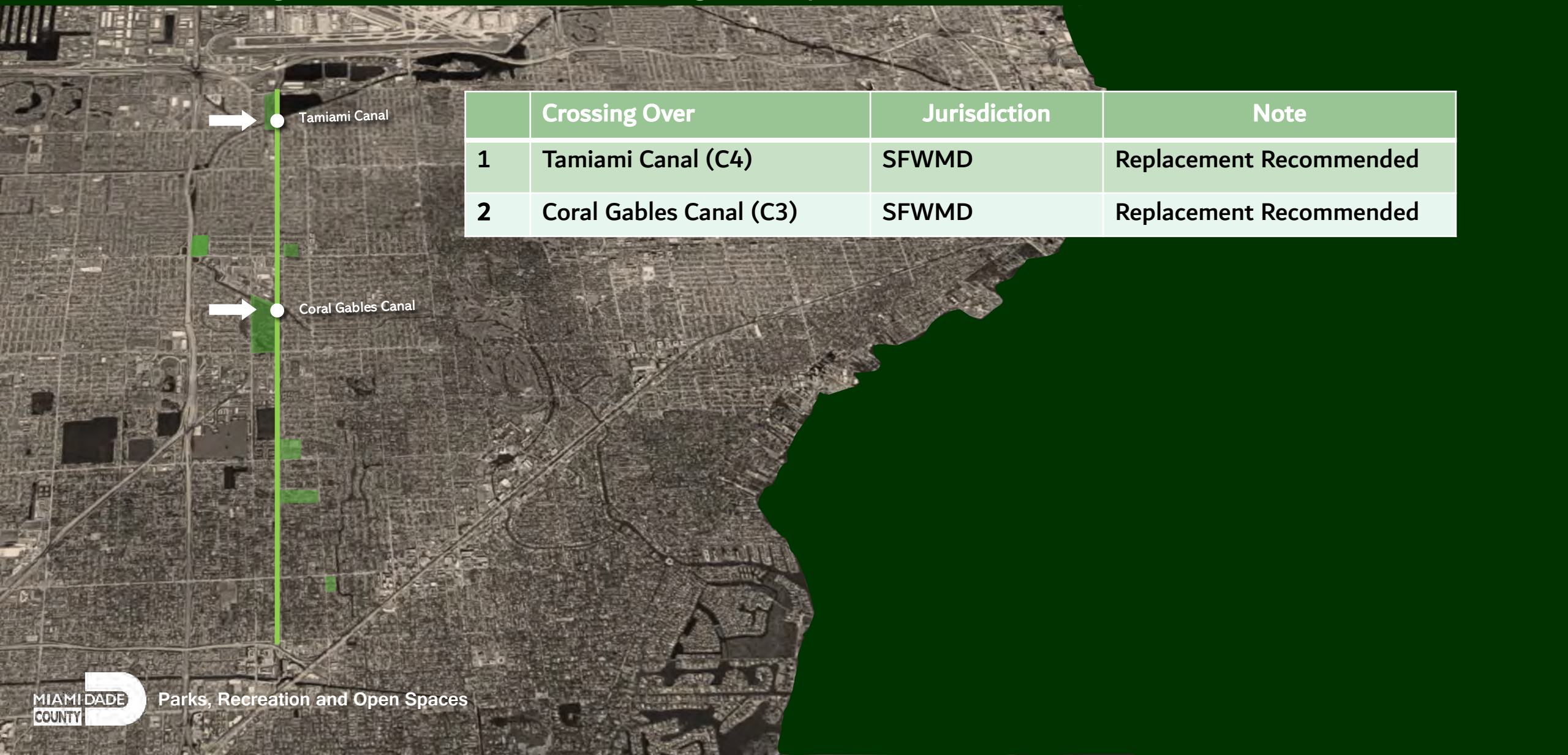
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BRIDGE Crossings identified during NEPA process



LUDLAM TRAIL CORRIDOR PD&E STUDY

BRIDGE Crossings over Canals identified during NEPA process



	Crossing Over	Jurisdiction	Note
1	Tamiami Canal (C4)	SFWMD	Replacement Recommended
2	Coral Gables Canal (C3)	SFWMD	Replacement Recommended

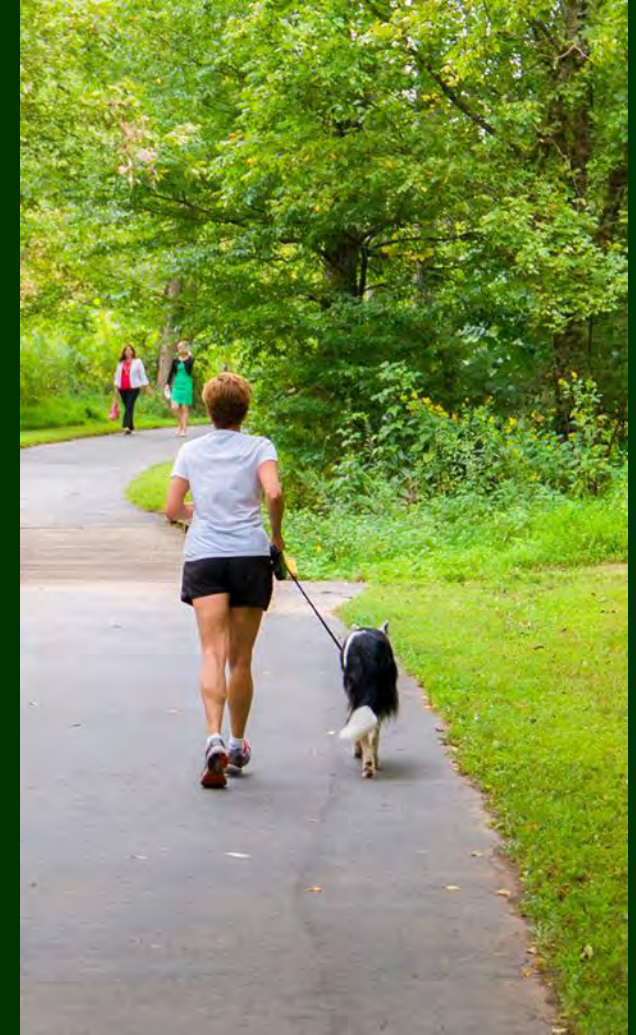
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Trails in Peer Communities: Atlanta Beltline, Atlanta, Georgia



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Trails in Peer Communities: Mallard Creek Greenway, Charlotte



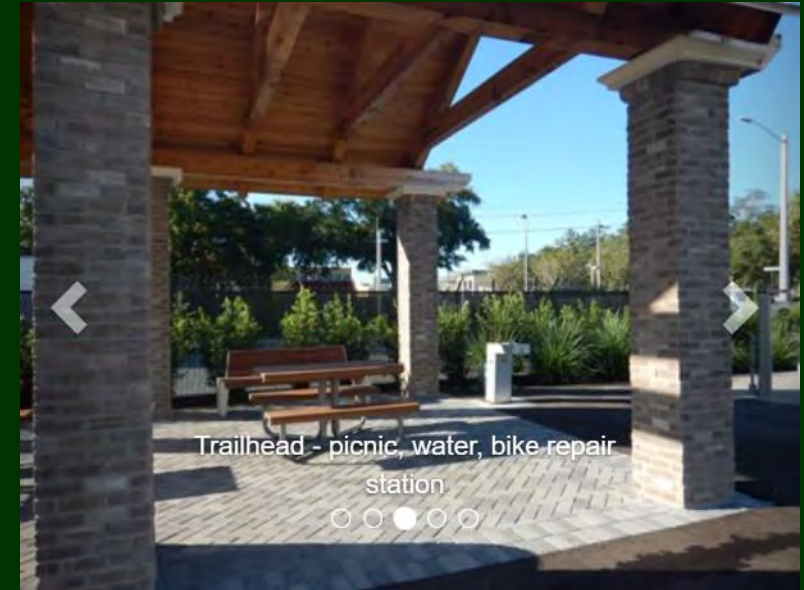
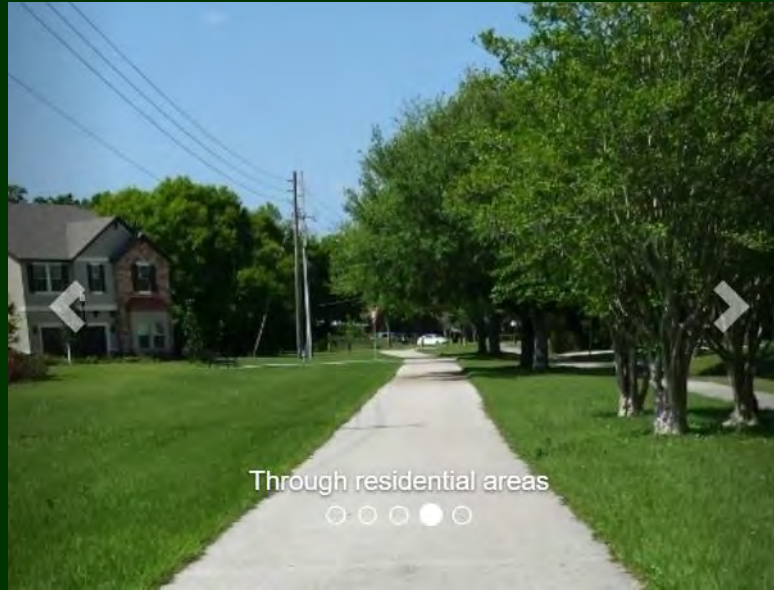
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Trails in Peer Communities: Razorback Greenway, NW Arkansas



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Trails in Peer Communities: Cady Way, Orlando / Winter Park



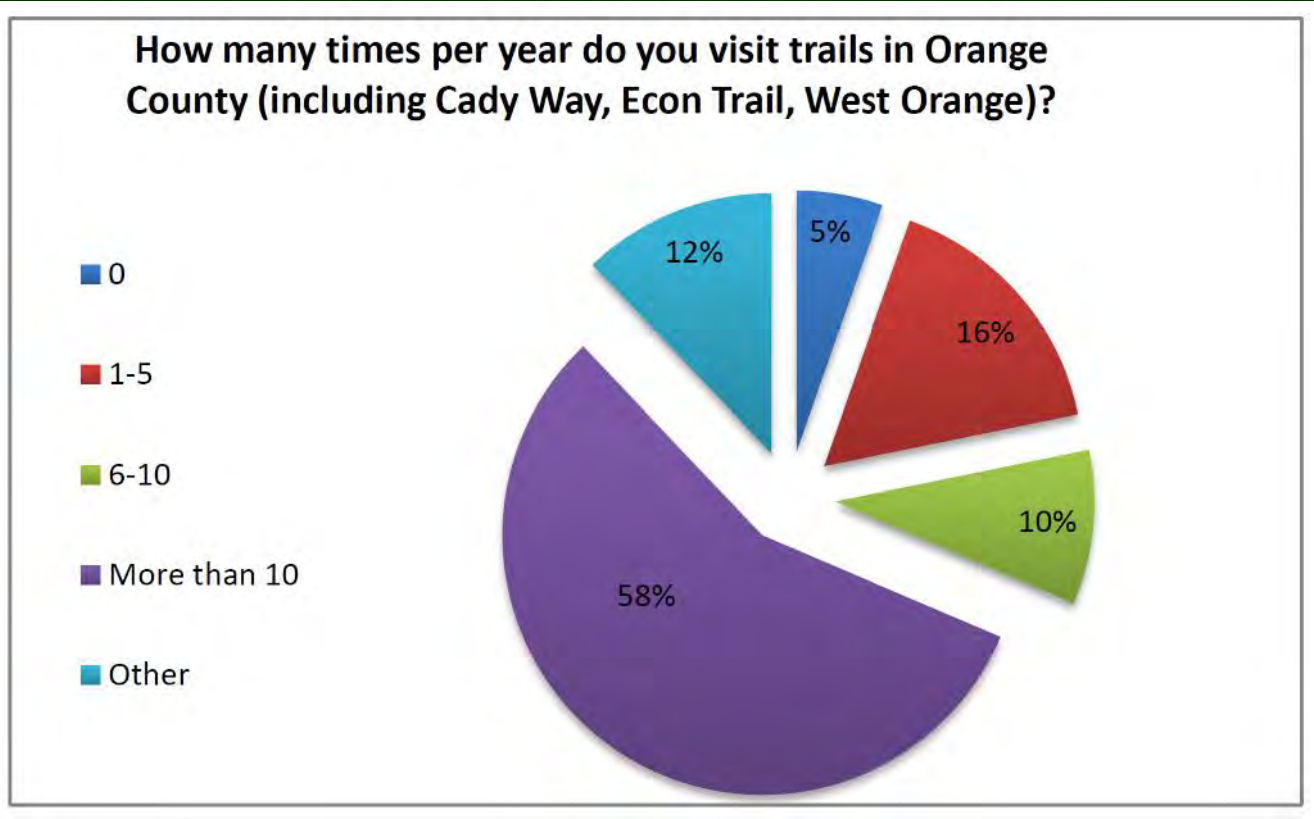
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Trails in Peer Communities: West Orange Trail, Central Florida



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Trails in Peer Communities: Cady Way & West Orange Trail, Orlando / Winter Park



Economic Impact Analysis of Orange County Trails



<https://www.remi.com/wp-content/uploads/2017/12/195-East-Central-Florida-Regional-Planning-Council-Economic-Impact-Analysis-of-Orange-Country-Trails-MAY-2011.pdf>

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Trails in Peer Communities: West Ashley Greenway & Maryville Bikeway, Charleston

