

FDOT Transportation Alternatives Set-Aside Program

FUNDING APPLICATION

Submittal Date:

APPLICANT INFORMATION			
Agency/Organization Name:			
Agency Contact Name:	Title:		
Mailing Address:	City:	State: FL	Zip Code:
County:	MPO/TPO (if applica	able):	
Telephone:	Email Address:		
CERTIFICATION OF PROJECT SPON	NSOR/IMPLEMENTING AGENCY SU	JPPORT:	
Certification of project sponsor/imp	plementing agency support is attache	ed.	☐ Yes (Required)
PROJECT TYPE: ☐ Infrastructure	☐ Non-infrastructure		
projects do not require LAP certificat at the time of application submittal, application is selected, or they may p	infrastructure projects be implement tion. If the project applicant intends , they may seek project-specific certif partner with a LAP certified agency o ganizations are not eligible for LAP o	to administer the project bu fication prior to project auth or with FDOT to serve as the	ut is not LAP certified norization if their
☐ Currently fully LAP Certified /☐ Not LAP Certified but will see☐ Not LAP Certified but project		istrict	
LAP Sponsor/Implementing Agence	cy Name:		
LAP Sponsor/Implementing Agenc	cy Contact Name: Title:		
Mailing Address:	City:	State: FL	Zip Code:
Telephone:	Email <i>!</i>	Address:	

PROJECT INFORMATION

PROJECT NAME/TITLE:

ELIGIBLE TRANSPORTATION ALTERNATIVES PROJECT CATEGORY:

Please check the one Transportation Alternatives eligible project category that the proposed project will address. Checking more than one category does not ensure or increase eligibility. Additional guidance on eligible project activities is included in Appendix B of the FDOT TA Program Guidance.

1.	☐ Construction, planning and design of on and off-road facilities for bicyclists, pedestrians, and other forms of nonmotorized transportation (pedestrian and bicycle facilities)
2.	☐ Construction, planning and design of infrastructure-related projects/systems to provide safe routes for non drivers including children, older adults, individuals with disabilities (safe routes for non-drivers)
2	☐ Conversion and use of abandoned railroad corridors for non-motorized use
э.	Conversion and use of abandoned rain odd confidors for non-motorized use
4.	☐ Construction of turnouts, overlooks, and viewing areas
5.	☐ Inventory, control or removal of outdoor advertising
6.	☐ Historic preservation and rehabilitation of historic transportation facilities
7.	☐ Vegetation management practices in transportation rights of way
8.	☐ Archaeological activities related to impacts from transportation projects
9.	☐ Environmental mitigation activities
10.	☐ Safe Routes to School
*N(OTE: Safe Routes to School (SRTS) funding under Transportation Alternatives is separate from the FDOT SRTS

*NOTE: Safe Routes to School (SRTS) funding under Transportation Alternatives is separate from the FDOT SRTS Program; however, if FDOT SRTS Program funds are to be used on any phase of the project then the project will need to comply with the Florida SRTS program requirements. For more information, visit https://www.fdot.gov/safety/2A-Programs/Safe-Routes.shtm.

PROJECT LOCATION:

Roadway name:*			
☐ On-State System Road	☐ Off-State System Road	Roadway number:	
(State Roadway)	(Local Roadway)	(i.e. US, SR, CR, etc., if applicable)	

PROJECT LIMITS:

If project has various locations (e.g. city-wide), include attachments specifying each termini and project length.

South or West Termini: North or East Termini:		
Street Name/Mile Post/Other Street Name/Mile Post/Other		
Project Length (in miles):		
Attachment included? Yes No		
A location map with aerial view is attached to this application. ☐ Yes (Required)		
Label important features, roadways, etc. to clearly locate and show the boundaries of the project.		

^{*}NOTE: For off-road/trail projects please indicate adjacent roadway

PROJECT DESCRIPTION: **Brief Description (1,000 character limit)** (e.g. planning, design and construction of a sidewalk along Sample Road) Detailed Scope of Work: ☐ Yes (Required) A detailed scope of work is attached. Clearly describe the existing conditions and the proposed project in detail, including specifics on the major items of work (e.g. width of sidewalks or trails, materials to be used, etc.), the purpose and need for this project, and the desired improvements. Conceptual or design plans are attached. ☐ Yes ☐ No Typical Section drawings are attached. ☐ Yes ☐ No. ☐ Yes ☐ No Other attachment (e.g. studies, documentation to support the project). If yes, please describe (250 character limit): PUBLIC INVOLVEMENT(500 character limit for each question below): ☐ Yes ☐ No Has the applicant received input from stakeholders? Briefly explain:

Describe public and private support for the project (e.g. petitions, endorsements, resolutions, letters of support):

Have public information or community meetings been held?

If yes, please provide a brief description and attach supporting documentation:

☐ Yes ☐ No

endangered/thre		ds, contamination/hation:	azardous waste ar	eas or	☐ Yes	□ No
	permitting require				☐ Yes	□ No
Provide any addi	tional project speci	fic information that	should be conside	red:		
		PROJECT IMPLE	MENTATION			
Please indicate th	ne project phases in	ncluded in this fundir	ng request:			
☐ Project☐ Prelimi☐ Right-o☐ Constru☐ Constru	nary Engineering/Fi f-Way (ROW) uction uction Engineering a	Environment Study (Final Design and Inspection activite project phases iden	ies (CEI)	ect:*		
Planning	PD&E	Preliminary Engineering/	ROW	Construction		CEI
☐ Implementing	N/A	Final Design Implementing	N/A	☐ Implementing	_	ementing
agency staff Consultant	☐ Consultant	agency staff	☐ Consultant	agency staff Consultant	agency s	

☐ FDOT

☐ Not applicable

☐ FDOT

■ Not applicable

☐ FDOT

☐ Not applicable

^{*}NOTE: Local agencies are not eligible to be certified in PD&E and/or ROW (Refer to FDOT LAP Manual Chapters 11 and 12).

Is this project related to other FDOT funded phases that are complete, underway, or in FDOT's 5-year Work Program? Yes □ No
If Yes, please describe. If previous phases of this project were constructed as LAP projects, please provide the associated FDOT Project Number (i.e. FPID/FMN numbers) (500 character limit):
Is there a proposed maintenance plan for when the project is complete? ☐ Yes ☐ No If yes, please provide a brief description and attach supporting documentation as appropriate (500 character limit):
PROJECT RIGHT-OF-WAY / EASEMENT REQUIREMENTS
Is right-of-way acquisition proposed? ☐ Yes ☐ No If yes, describe existing right-of-way (ROW) ownerships along the project, including when the ROW was obtained and how ownership is documented (i.e., plats, deeds, prescriptions, easements) (500 character limit). Attach ROW documentation as appropriate.
Also describe proposed acquisition including timeline, expected fund source, limitations on fund use or availability, and who will acquire and retain ownership of proposed right-of-way (500 character limit):
Will temporary construction easements be required? ☐ Yes ☐ No If Yes, please describe (500 character limit):

PROJECT COST ESTIMATE AND FUNDING REQUEST

ESTIMATED PROJECT COST:

A detailed project cost estimate is attached.

☐ Yes (Required)

Provide a summary of the estimated cost for the work being proposed, indicating local fund allocation as appropriate.

Project Phase	TA funds	Local funds	Total Cost
Planning Activities	\$	\$	\$
Project Development &	\$	\$	\$
Environmental Study (PD&E)			
Design Costs/Plan Preparation	\$	\$	\$
Environmental Assessment (s)	\$	\$	\$
associated with the design phase			
Permits associated with the design phase (including	\$	\$	\$
application fees, mitigation and			
permit acquisition work)			
Right-of-Way	\$	\$	\$
Construction	\$	\$	\$
Construction Engineering and	\$	\$	\$
Inspection Activities (CEI)			
Other costs* (please describe)	\$	\$	\$
TOTAL ESTIMATED PROJECT	\$	\$	\$
COST			
PERCENT OF TOTAL PROJECT			100%
COST			

^{*}FDOT does not allow programming for contingency costs. Any contingency costs should be accounted for using local funds.



PROJECT IMPLEMENTATION 1. Design Plans a. Are signed and sealed design plans available for this project? ☐ Yes ☒ No ☐ Yes ☒ No b. If yes, are design plans updated to current standards and existing conditions? 1. Specify the date of design plans developed? Click hore to enter text. 2. Enter the Engineer of Record contact information: Click there to enter treat. c. If no, identify status of design plans: ☐ No plans □ 30% □ 60% □ 90% ☑ Other Describe: 15% PD&E Preliminary Concept Plans **Identify Permits & Certification Requirements** Respond to applicable permits/ certifications within the project limits ☐ Yes ☒ No a) Right of Way Certification needs and status including easements Not applicable b) Utility Certification ☐ Yes ☒ No Not applicable ☐ Yes ☒ No c) Railroad Recertification Not applicable d) South Florida Water Management District Permits Yes □ No If dewatering is required as part of the final plans for foundation construction, a DERM Class V dewatering permit would be required and SFWMD Consumptive Use Permit may also be required. e) U S Army Corps of Engineers (USACE) Permits ☐ Yes ⊠ No Not applicable f) Other Describe ☑ Yes ☐ No Anticipated required permits include a dry run permit from the Miami-Dade County Department of Regulatory and Economic Resources (RER) which may Include Structural, Zoning, Building, Electrical, Mechanical, and Fire reviews anad approvals. Environmental permits include DERM approvals, which may include the following: Soils Management Plan, Health and Safety Plan, Dust Control Plan, Air Monitoring Plan, and Groundwater

Assessment. PROS may require reviews from DTPW and the Florida Department of Environmental Protection (FDEP). Additionally, PROS will actively work with FDOT for reviews and approvals for this project.

lot applicable	•
lot applicable	

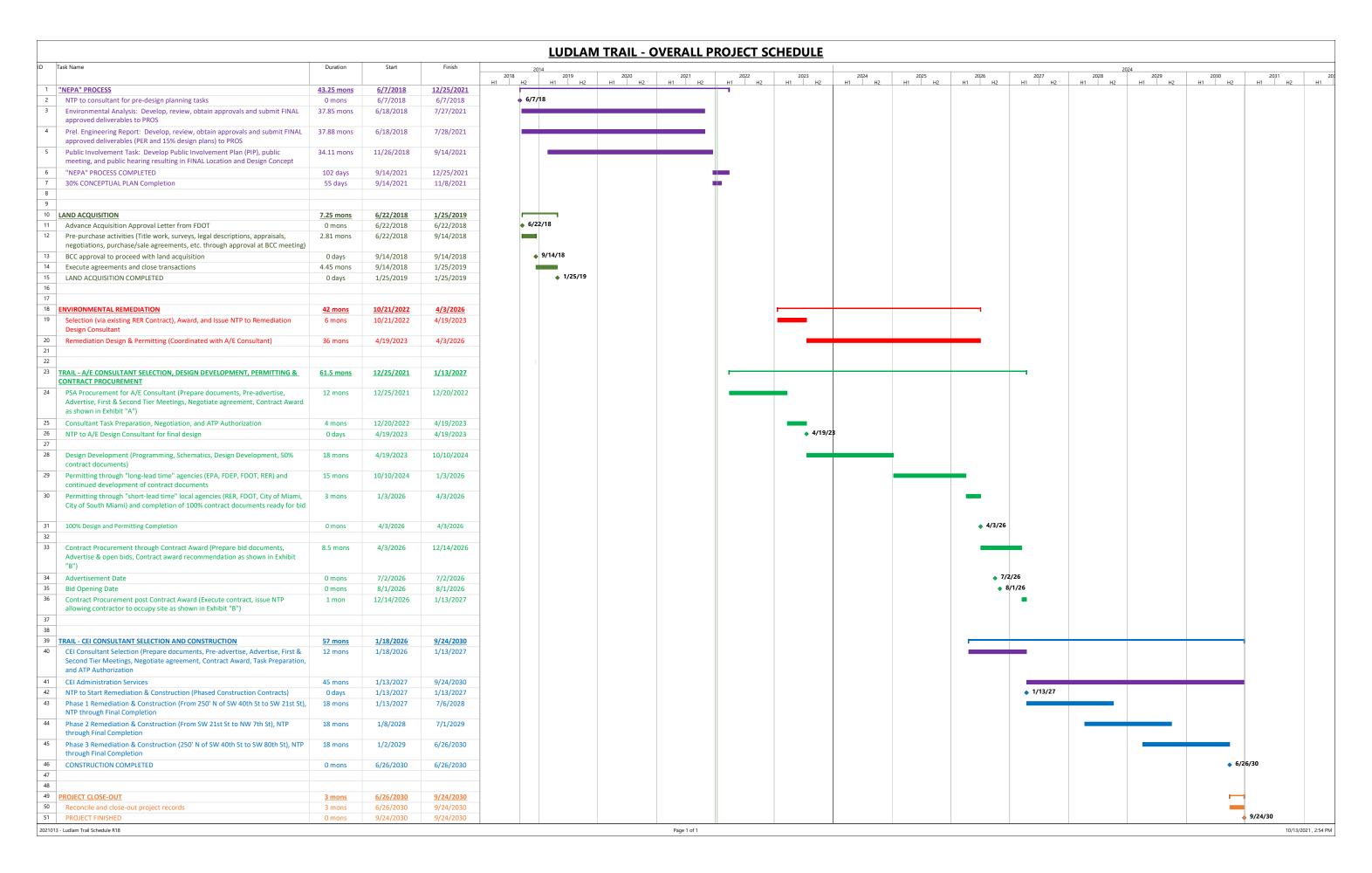
PROJECT SCHEDULE

Include the following as applicable

- 1. Consultant(s) acquisition & award (Design & CEI)
- 2. Contractor acquisition & award
- 3. Project schedule
- 4. Production dates
- 5. Plans preparation
- 6. FDOT Review submittal (30 days review)
- 7. Environmental Assessments
- 8. Permits Acquisition

Enter project schedule here

See attached: LUDLAM TRAIL-OVERALL PROJECT SCHEDULE.



ENVIRONMENTAL EVALUATION	
Coordination with the Federal Highway Administration and the State Historic Preservation Officer will be Section 106 of the National Historic Preservation Act (NEPA)	required by
Has the Local Agency performed an environmental assessment for the project? List the environmental assessments performed: A Project Development and Environment (PDE) study underway for the entire Ludlam Trail, it is anticipated to be completed by April 2022.	☐ Yes ☒ No is currently
2. Does the Local Agency have a historic preservation planner?	⊠ Yes □ No
If yes, provide contact information: Sarah Cody, Historic Preservation Chief, Miami-Dade County Office of Preservation- Sarah.CodyAdelman@miamidade.gov- (305) 375-4438- 111 NW 1st St., 12th Floor, Miami, I	Historic
3. Is the project adjacent to a locally designated historic property or a National Register of Historic pla historic site?	ces-listed ☐ Yes ☒ No
If yes, have any historic properties/places received Florida Department of State Historic Preservation Gran	
If yes, attach preservation agreements, covenants, or easements to this application.	_ 100 _ 110
4. Are archeological sites or Native American sensitive sites located within proximity to or adjacent to	the project? ☐ Yes ☒ No
If yes, provide a brief description: Not applicable	
5. Has the Local Agency coordinated with any Federal or State Agencies for this project?	⊠ Yes □ No
If yes, provide a brief description and submit supporting documentation: MDPROS has coordinated with vand Federal agencies as part of its Project Development and Environmental (PD&E) study, mandated by Fto meet the NEPA requirements for a federalized project. This study calls for collaboration with/review from government agencies including the State Historic Preservation Office, FDOT's Office of Environmental Mandata Dept. of Agriculture and Consumer Services, FL Dept. of Economic Opportunity, FL Department of State, FWildlife Conservation Commission, National Marine Fisheries Service, National Park Service, Seminole Trib SFWMD, US Army Corps of Engineers (USACE), US Coast Guard, US Environmental Protection Agency, and and Wildlife Service. In preparation for this application, MDPROS has also collaborated with the Florida Naturel Areas Inventory – FNAI – Element Occurrences Map) and the FSite File.	DOT, in order om multiple nagement, FL L Fish and le of Florida, le the US Fish atural Areas
6. Are parks, recreation areas or wildlife or waterfowl refuges adjacent or near the project?	⊠ Yes □ No
If yes, provide a brief description: The project area is less than a mile north of the 65-acre, county owned, Park. The park's amenities include, but are not limited to, a campground, swimming pool, fishing piers, travisitor/nature center. The park also contains a Pine rockland and Rockland hammock natural area. Since it 1977, the park has integrated activities that serve people with disabilities into its programming.	ails, and a
7. Are there any navigable waterways adjacent or near the project?	☐ Yes ☒ No
If yes, provide a brief description: Not applicable	

Revised: July 2021

FOR FISCAL YEAR 2027/2028	
If yes, will wetlands mitigation be needed?	☐ Yes ⊠ No
If yes, provide a brief description: Not applicable	
9. Has the Local Agency reviewed the project for potential protected species/ critical habitat impacts	? ⊠ Yes □No
If yes, provide a brief description: A request was made to the Florida Resources and Environmental Cent data request. The FNAI habitat models indicate areas, which based on land cover type, offer suitable hal more rare species that are known to occur in the vicinity. The search indicated several element occurrence within the vicinity of the study area (100 ft. buffer) but no element occurrences have been recorded with project limits. Notable nearby community element occurrences include a Pine rockland (PINEROCK*26) and hammock (ROCKHAMM*107) less than a mile north of the project area at A.D. Barnes Park (PINEROCK*26) element occurrences near the project area, within A.D. Barnes Park, include the crenulate lead-plant (ANFlorida lantana (LANTDEPR*13), and Florida gamagrass (TRIPFLOR*5). Although not documented within area, the endangered Florida bonneted bat is considered a "likely" species according to the "Biodiversity section of the FNAI and a Bat Survey will be conducted during final design, prior to construction. See Exh Element Occurrences Map for further reference.	er for a FNAI pitat for one or ces are mapped hin the actual and Rockland 26). Plant MORCREN*3), the project Matrix Report" hibit GE-1 FNAI
10. Has the Local Agency reviewed the project for potential contamination that could affect the area?	⊠Yes □ No
If yes, provide a brief description: Phase I Environmental Site Assessments were performed on the adjace in 2014. Due to the previous usage as a rail corridor and potential offsite contamination sources, Phase II subsurface sampling was conducted and completed in September 2017 to assess the soil groundwater along the corridor. Arsenic and petroleum hydrocarbons were documented in the strail corridor at concentrations above the applicable cleanup target levels. Arsenic is the only che above standards in the groundwater of the trail. Based on the contaminant distribution, it was defined the soil within the entirety of the corridor is contaminated and that the corrective action plan for will be developed in conjunction with the trail based on this assumption. MDPROS will complete remediation as part of the proposed project. Remediating the soil, will provide a benefit to residulinating exposure to contamination to users of the trail and the community within the project Remediation will additionally provide a water quality benefit through storm water management, percolation through contaminated groundwater. Currently, MDPROS is actively working with FD process and PD&E phase.	, subsequent ils and soil within the emical detected etermined that r the property soil dents by et area. , eliminating OT on the NEPA
11. Are there noise sensitive areas?	
If yes, provide a brief description: The residential areas adjacent to the East and West boundaries of A.D Park would be considered noise sensitive areas. Noise sensitivity issues this project may cause would onl construction. Once construction is completed the bridge will not cause an increase in noise for the surro residential areas, due to its purpose as a non-motorized mode of transportation.	ly occur during

Revised: July 2021

PROJECT FUNDING

\$ 1,000,000.00
\$ 1,418,692.00
\$ 2,418,692.00

PERCENTAGE OF TA FUNDS	41%
PERCENTAGE OF LOCAL CONTRIBUTION	59 %

Note: The percentage of local contribution indicated above will be greater than or equal to the local contribution to the final contract award.

Example A: A 20% local contribution is indicated for a construction project. The local agency was awarded \$1,000,000. The bid amount is \$1,000,000. The awarded amount would be reduced to \$800,000. The local agency would contribute \$200,000.

Example B: A 20% local contribution is indicated for a construction project. The local agency was awarded \$1,000,000. The bid amount is \$1,400,000. The awarded amount would remain \$1,000,000. The local agency would contribute \$400,000.

1. Describe in detail funding types and commitment funds that will fund the project:

PROS is requesting \$1,000,000.00 in funds from FDOT's TA Program. A local match of \$1,418,692.00 will be provided by Miami-Dade County. The source of the match is documented in the FY 2021-2022 Miami-Dade-County Adopted Budget Book, as future funding for PROS- "Bikepath Ludlam". These sources will complete Comstruction funding for the Ludlam Trail Bridge Overpass at SW 24th Street (Coral Way).

2. Provide the funding year for each phase(s) of the project:

The Construction Phase will begin in 2027.

Reviseli: tidiv2021

3.	FOR FISCAL YEAR 2027/2028 Submit a letter from the Local Agency's Budget Office committing Local Funds to the project.		
	A copy of the letter is included with this application.	⊠ Yes	□ No
Revised	d: July 2021		

LOCAL AGENCY BUDGET OFFICE COMMITMENT LETTER

Submit a letter from the Local Agency's Budget Office committing Local Funds to the project.

Agency must include this form as a cover for the letter.

Ludlam Trail Bridge Overpass at SW 24th St. (Coral Way)- Confirmation of Match letter of support from Ryan Lafarga, Transportation Coordinator, Office of Management and Budget, Miami-Dade County.

Revised: July 2021

February 10, 2022

Mr. Oscar Camejo Transportation Alternatives Coordinator Miami-Dade Transportation Planning Organization 111 NW 1st St., Suite 920 Miami, FL 33128

Subject:

Ludlam Trail Bridge Overpass at SW 24 St. (Coral Way) - Confirmation of Match

Dear Mr. Camejo:

In support of the Miami-Dade County Parks, Recreation and Open Spaces Department's (PROS) 2022 Transportation Alternatives application, this letter affirms that should the Ludlam Trail Bridge Overpass at SW 24 St. (Coral Way)-Construction Phase be recommended for funding, a committed local match totaling \$1,418,692.00 is allocated to complete the construction phase of the project. The source of the funding is documented in the FY 2021-22 Miami-Dade County Adopted Budget and Multi-year Capital Plan, as Future Financing for PROS - *Bike Path-Ludlam Trail*.

If you have any questions on this matter, please feel free to contact me.

Sincerely,

Ryan Lafarga

Ryan Lafarga

Transportation Coordinator

Office of Management and Budget

Miami-Dade County

PROJECT SPONSORSHIP CERTIFICATION

I hereby certify that the proposed project herein described is supported by Miami-Dade County (Local Agency, county, state or federal agency, or tribal council) and that said entity will: (1) provide any required funding match; (2) enter into a maintenance agreement with the Florida Department of Transportation (FDOT); (3) comply with the Federal Uniform Relocation Assistance and Acquisition Policies Act for any Right of Way actions required for the project, (4) Comply with Local Agency Program Manual during all phases of the project, (5) comply with the NEPA process prior to construction, which may involve coordination with the State Historic and Preservation Office (SHPO) prior to construction, and (6) support other actions necessary to fully implement the proposed project.

I further certify that the estimated costs are reasonable and understand that Miami-Dade County (Local Agency, county, state or federal agency, or tribal council) will bear all expenses in excess of the total cost of the project. Upon notification of project award, I further certify that the aforementioned entity will work with the FDOT to ensure the associated contracts are executed in the fiscal year programmed. Project deferrals are highly discouraged and are subject to fund availability.

Name (please type or print): Jimmy Morales

Title: Chief Operations Officer

Signature:

2/17/2022 Date: Click here to enter text.

Signature of person with budget authority (i.e., County Administrator, or Public Works Director



Detailed Scope of Work Ludlam Trail Bridge Overpass at SW 24th Street (Coral Way)-Construction Phase

The scope of work for this application is specific to the construction phase of a bridge structure for nonmotorized use over the Miami-Dade County (MDC) SW 24th Street right-of-way between SW 69th and 70th Avenues. The complete project will include planning, design, permitting, and procurement to prepare for the construction phase. The purpose of the bridge is to provide safe, uninterrupted connectivity for trail users along Ludlam Trail between the north and south sides of Coral Way. Approach ramps on both sides of the bridge and all direct connections (including but not limited to atgrade walkways) to SW 24th Street will be developed and implemented by private developers and are not included as part of this funding request. The bridge structure will be designed and constructed to meet all FDOT, American Association of State Highway and Transportation Officials (AASHTO), federal, state, and local regulations. Major work elements of the bridge structure are anticipated to include, but not limited to, Maintenance of Traffic, excavation, remediation, regrading, embankment, relocation of utilities, foundations, columns, beams, deck, parapet railings with full enclosure, expansion joints, drainage collection/disposal, Lightning protection, architectural enhancements, lighting, electrical, Signage, striping of walkway and safety features. Consultant firms will be procured to carry out the following professional services: planning, survey, geotechnical, environmental, multi-discipline engineering design development, construction inspections, construction engineering and Inspection (CEI), public outreach, and other disciplines as required.



Ludlam Trail Project Development & Environment (PD&E) Study-Public Involvement

MDPROS hosted an Public Information Meeting on November 19, 2020 from 6:00 to 8:00 pm to engage the public, gather additional input and, inform neighbors and the community about the ongoing progress of the project. The meeting was advertised through mail-outs, newspaper ads, email, the Miami-Dade County website, social media, flyers, and stakeholder meetings. More than 400 people participated in the 2-hour interactive online Public Information Meeting. Additionally, a recording of the meeting and a copy of the presentation were posted to the Ludlam Trail project website at www.miamidade.gov/ludlamtrail. A 21-day public comment period followed the virtual information meeting during which 291 written comments were received. The comments were reviewed by staff and incorporated into the project.

Pursuant to Section 339.155(5), FS, and in order to fulfill the requirements of Chapter 86-308, Laws of Florida, a Public Hearing (PH) for the Ludlam Trail PD&E Study was held on Tuesday, August 24, 2021, from 6:00 pm to 8:00 pm. The PH was conducted in a hybrid fashion, with a simultaneous virtual meeting hosted online via Zoom as well as an 'in person' meeting held at the Miami-Dade County Main Library, 101 West Flagler Street, Miami, Florida, 33130. Twelve (12) attendees, including elected official representatives, and eleven (11) team members, including MDPROS staff, participated in person. In addition, 136 people, including elected officials, attended the Zoom meeting. MDPROS, in coordination with the FDOT and the Florida Department of State Division of Historical Resources (DHR), conducted the PH to present the Preferred Alternative for the Ludlam Trail.

A letter announcing the PH was mailed to public officials, agencies, and other stakeholders and interested parties on July 26, 2021; sent to Native American tribes via certified mail on July 28,2021; and mailed to property owners on August 2, 2021. An advertisement was published in English in the Miami-Herald on August 1 and August 15, 2021; in Spanish in El Nuevo Herald on August 5 and August 12, 2021; and in Creole in Le Floridien on August 2 and August 16, 2021. The Florida Administrative Record (FAR) advertisement was published on August 17, 2021.

All of the PD&E Study reports, inclusive of an updated, comprehensive set of 15% conceptual engineering plans were available for public review (21 days prior to the PH) and through a 21-day comment period following the hearing. The documents were placed on display at both the A. D. Barnes Park Rental Office (3401 SW 72 Avenue, Miami, FL 33155) and the Fairlawn Branch Library (6376 SW 8 Street, West Miami, FL 33144). Project information, including the PH invitation, project fact sheet, and updated FAQ, along with the project documents, was also posted on the project website at www.miamidade.gov/ludlamtrail in advance of the PH. The day of the PH, all meeting materials, including the zoomable, 30-foot-long colored roll plot of the project corridor and all 12 informational boards, were also posted to the website. The display boards included typical sections of the Preferred Alternative, a project location map, the evaluation matrix, and project schedule, as well as compliance citations, laws, and regulations. Project handouts at the PH included a project fact sheet, comment cards, speaker request cards, and translations of the presentation (in Spanish and Creole).

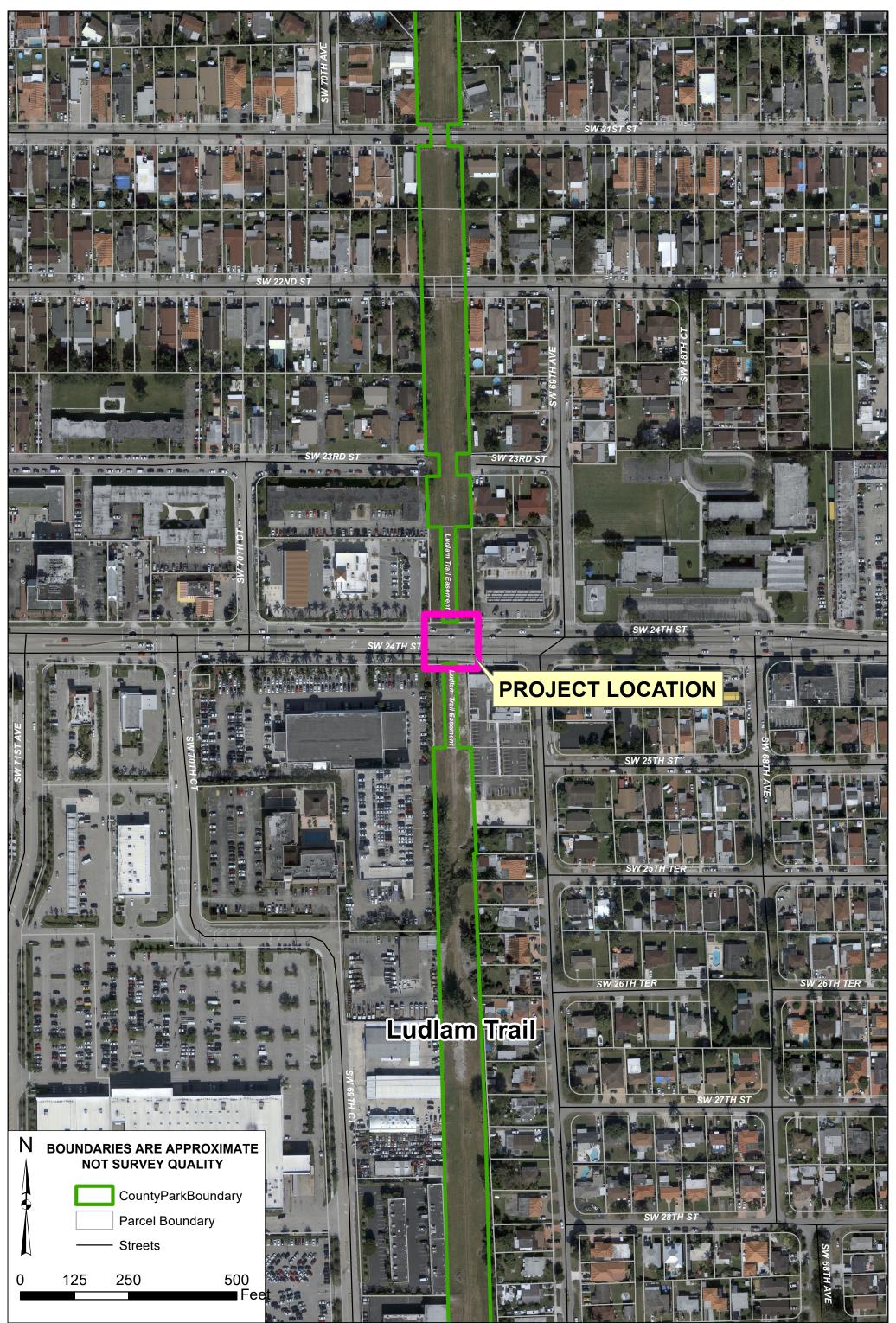
During the formal portion of the PH, a PowerPoint presentation was made which included opening remarks and introductions, project information, the project's Purpose and Need and planning consistency, and impacts of the Preferred Alternative, along with schedule and cost and funding information. MDPROS staff, DHR staff, and the consultant team were available to answer questions during the open house portion of the PH. Following the presentation, the formal public comment period



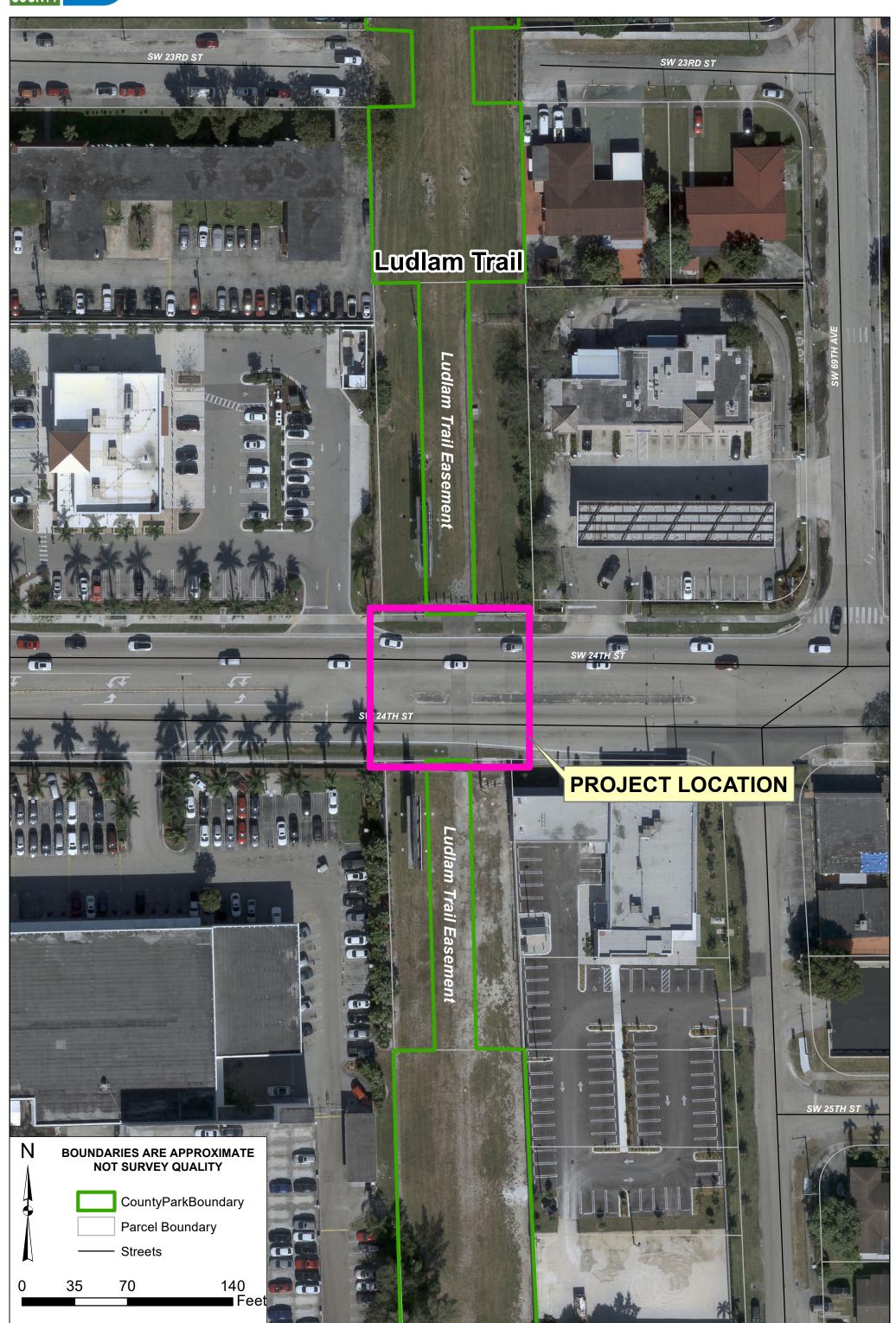
Ludlam Trail Project Development & Environment (PD&E) Study-Public Involvement

for the PH opened and remained open for 21 days, through September 14, 2021. A total of 118 comments were made during the PH official comment period.









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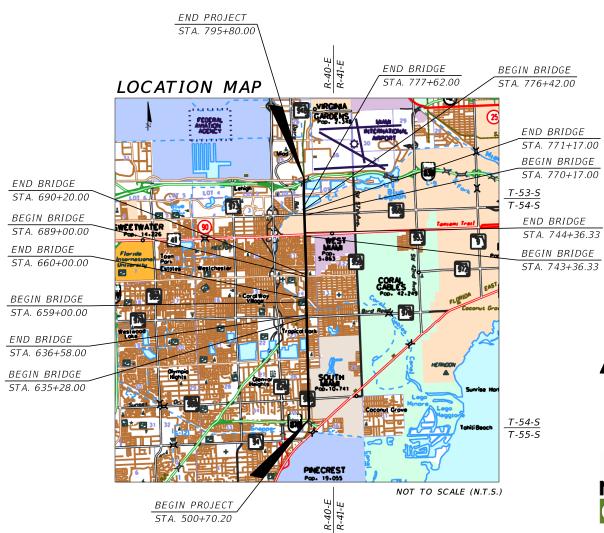
MIAMI-DADE PARKS, RECREATION, AND OPEN SPACES (MDPROS)

15% PLANS

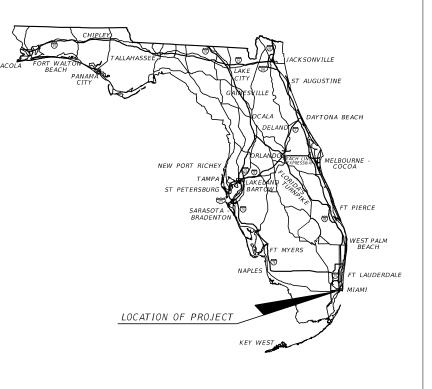
INDEX OF PROGRESS PLANS SET

LUDLAM TRAIL CORRIDOR
PROJECT DEVELOPMENT & ENVIRONMENT (PD&E)

P&R CONTRACT NO. RFQ 786B P&R PROJECT NO. 43502-15-001-14470619



Default



AECOM

PLANS PREPARED BY:

AECOM TECHNICAL SERVICES, INC. 110 EAST BROWARD BOULEVARD, SUITE 700 FORT LAUDERDALE, FL 33301 PHONE (305) 262-7466 FAX (305) 261-4017 CERTIFICATE OF AUTHORIZATION #8115



MDPROS PROJECT MANAGER:

ALISSA TURTLETAUB, M.S. MIAMI-DADE COUNTY PARKS, RECREATION, AND OPEN SPACES (MDPROS) HICKMAN BUILDING 275 NW 2ND STREET, 4TH FLOOR MIAMI, FL 33128 PHONE (305)-755-7800

DATE	P&R CONTRACT NO.	P&R PROJECT NO.	SHEET NO.
2021/09/15	RFQ 786B	43502-15-001-14470619	1

MIAMI-DADE COUNTY MAYOR DANIELLA LEVIENE CAVA

<u>CHAIRMAN</u>

JOSE "PEPE" DIAZ COUNTY ATTORNEY

GERI BONZON-KEENAN

BOARD OF COUNTY COMMISSIONERS

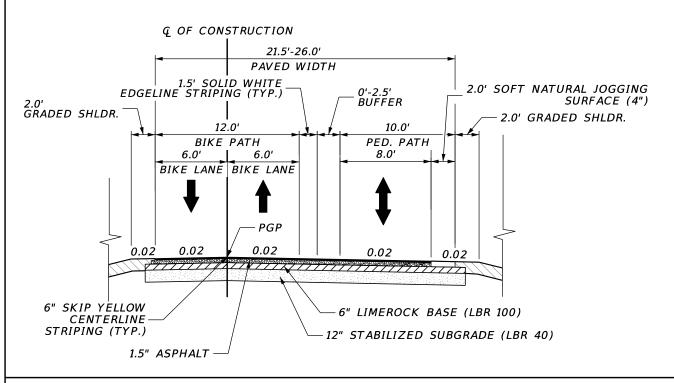
DISTRICT 1 - OLIVER G. GILBERT, III
DISTRICT 2 - JEAN MONESTIME
DISTRICT 3 - KEON HARDEMON
DISTRICT 4 - SALLY A. HEYMAN
DISTRICT 5 - EILEEN HIGGINS
DISTRICT 6 - REBECA SOSA
DISTRICT 7 - RAQUEL A. REGALADO
DISTRICT 8 - DANIELLE COHEN HIGGINS
DISTRICT 9 - KIONNE L. MCGHEE
DISTRICT 10 - JAVIER D. SOUTO
DISTRICT 11 - JOE A. MARTINEZ

DISTRICT 12 - JOSE "PEPE" DIAZ DISTRICT 13 - RENE GARCIA

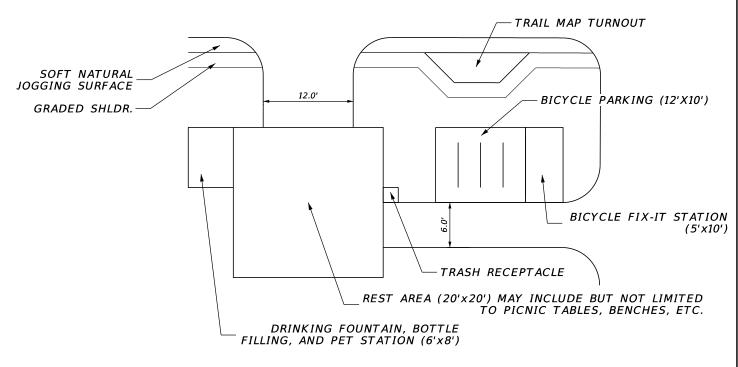
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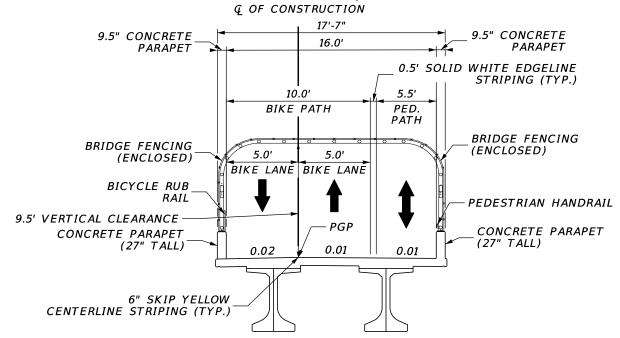
LUDLAM TRAIL BICYCLE AND PEDESTRIAN PATH PAVED BUFFER TRANSITION DETAIL



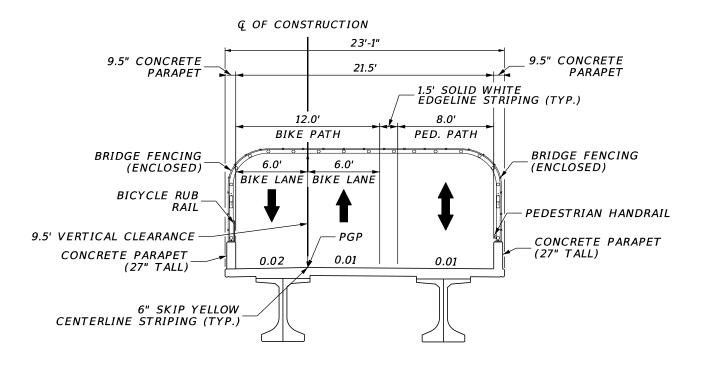
LUDLAM TRAIL TYPICAL REST AREA DETAIL

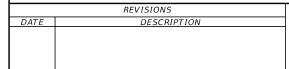


LUDLAM TRAIL PEDESTRIAN BRIDGE TYPICAL SECTION DETAIL (DEVELOPMENT ZONES)



LUDLAM TRAIL PEDESTRIAN BRIDGE TYPICAL SECTION DETAIL





AECOM

110 EAST BROWARD BOULEVARD, SUITE 700
FORT LAUDERDALE, FL 33301



8:19:40

LUDLAM TRAIL CORRIDOR PD&E STUDY

Miami-Dade County Parks, Recreation, and Open Spaces

 Hickman Building
 P&R CONTRACT NO.

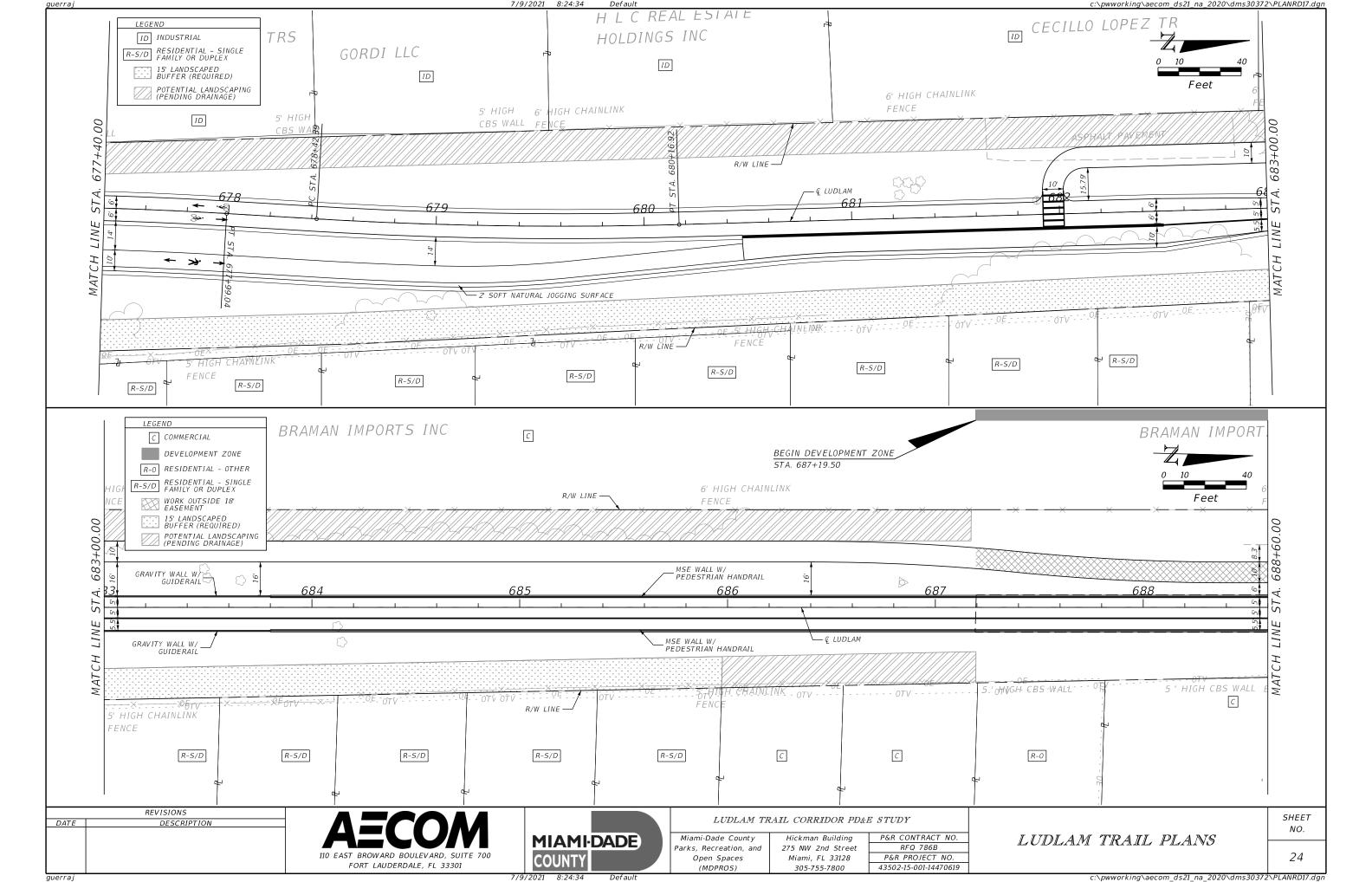
 275 NW 2nd Street
 RFQ 786B

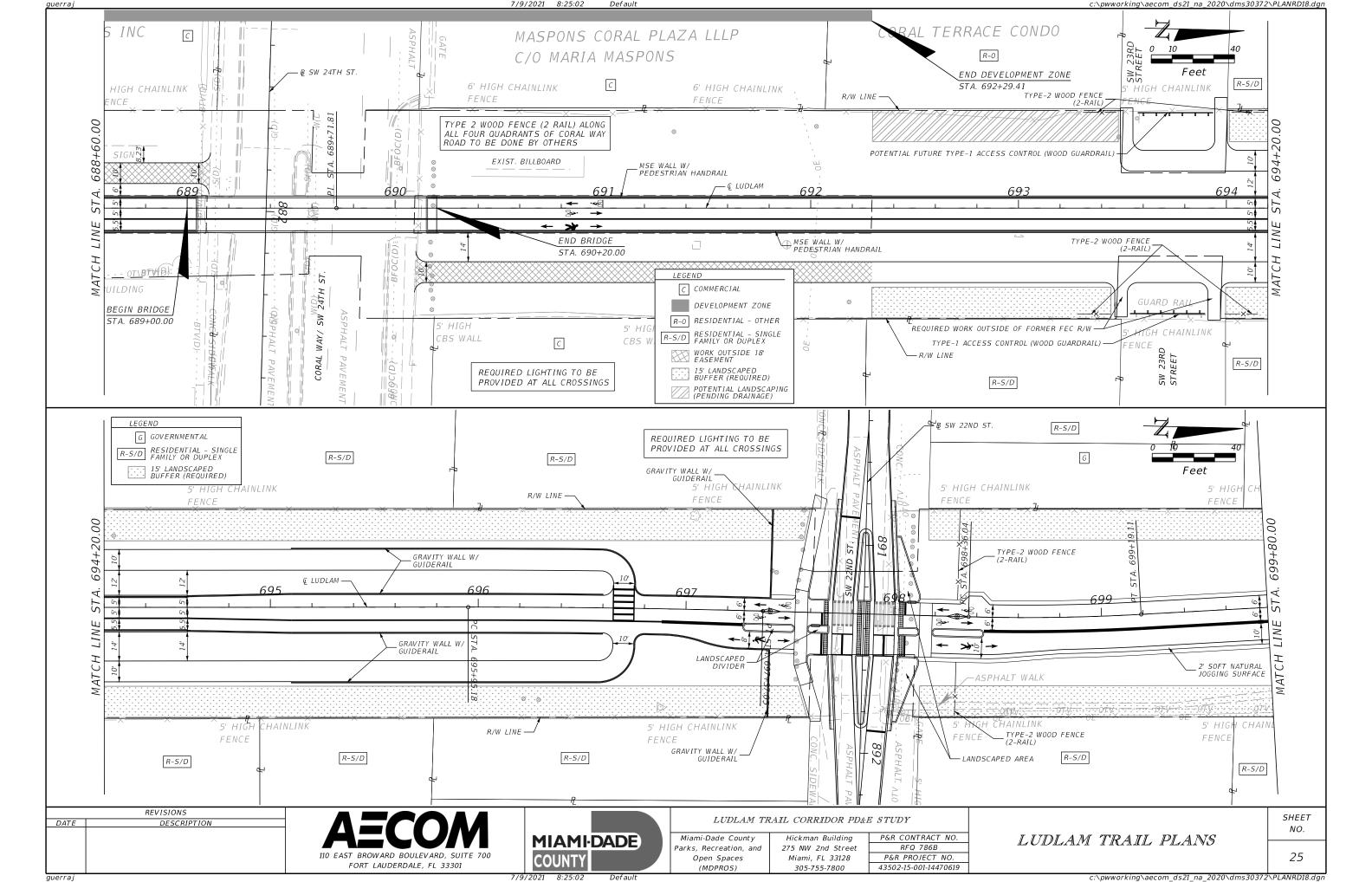
 Miami, FL 33128
 P&R PROJECT NO.

 305-755-7800
 43502-15-001-14470619

LUDLAM TRAIL TYPICAL SECTION DETAILS SHEET NO.

c:\pwworking\aecom_ds21_na_2020\dms30372\TYPSRD01.dgr





.udlam	Trail, Bridge Structure over SW 24 St				2-09-2022
	nt Design, Permit, Procurement and Construction of a "Shared-use Path" steel er simple span bridge structure over SW 24 Street based on the 15% PD&E	Quantity	Unit of Measure	Unit Price	Total Probable C (Base Construction
iv.1	General Conditions and General Requirements				
	General Condition & General Requirements as a percentage of Direct Cost.	1	LS	10%	\$ 159,1
	Bond & Insurance	1	LS	2%	\$ 31,8
	Allowance for construction over traffic and/or phase construction	1	LS	10%	\$ 159,1
Div.1	General Conditions and General Requirement, Subtotal				\$ 350,07
iv. 2-16	Sitework				
	Bridge Structure- Steel Plate Girder simple span (AECOM - 15% PD&E EOPC)	1	LS	\$ 503,245.00	\$ 503,2
ems in a	ddition to consultant's 15% PD&E EOPC				
	Police officer Allowance	4,160	Hrs	\$ 50.00	\$ 208,0
	Geo technical test, test piles	1	LS	\$ 25,000.00	\$ 25,0
	Cleaning and Grubbing, Grading/Layout	1	LS	\$ 10,000.00	\$ 10,0
	Survey & Geo Technical services	1	LS	\$ 25,000.00	\$ 25,0
	Load rating certification	1	LS	\$ 25,000.00	\$ 25,0
	Utilities coordination & relocation Allowance	1	LS	\$ 100,000.00	\$ 100,0
	Environmental remediation (Disposal of foundation excavation material) Allowance	1	LS	\$ 100,000.00	\$ 100,0
	Signs and Striping	1	LS	\$ 10,000.00	\$ 10,0
	Stormwater Drainage collection pre-treatment and disposal system allowance	1	LS	\$ 100,000.00	\$ 100,0
	Lighting, Service, Electrical Allowance	1	LS	\$ 50,000.00	\$ 50,0
	Cameras, telecom., low voltage, fire protection	1	LS	\$ 25,000.00	\$ 25,0
	Architectural Features Allowance	1	LS	\$ 250,000.00	\$ 250,0
	Lightning protection	1	LS	\$ 40,000.00	\$ 40,0
	Cathodic protection system Allowance	1	LS	\$ 75,000.00	
	Coordination between bridge and approach ramps	1	LS	\$ 25,000.00	\$ 25,0
	Restoration as needed around this scope of work	1	LS	\$ 20,000.00	\$ 20,0
	Subtotal				\$ 1,591,24
	Subtotal				\$ 1,591,24
	Mobilization			10%	\$ 159,1
	МОТ			20%	\$ 318,2
robable F	Base Construction Cost, Total 2022 prices (excluding A/E Design & Inspection Fees,	Permit and Ir	enector Con	eral and	\$ 2,418,69

Round Up \$ 2,420,000



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

> Every Great Community has a Great Park System.

February 1, 2022

Mr. Oscar Cameio Transportation Alternatives Coordinator Miami-Dade Transportation Planning Organization 111 NW 1st St., Suite 920 Miami, FL 33128

RE: Ludlam Trail Bridge Overpass at SW 24 St. (Coral Way) - Construction Phase

Dear Mr. Camejo.

Miami Dade County Parks, Recreation and Open Spaces (PROS) Department respectfully submits a 2022 Transportation Alternatives application for the construction phase of the Ludlam Trail Bridge Overpass at SW 24th Street (Coral Way), for your consideration. This project aligns with PROS guiding document, the Miami-Dade County Parks Open Space System Master Plan and promotes the health and well-being of County residents and visitors by providing a walkable and bikeable corridor. The overpass bridge over SW 24th Street is in alignment with the findings of the Ludlam Trail Project Development and Environment (PD&E) study in fulfillment of National Environmental Policy Act (NEPA) requirements. Most notable the proposed project will ensure a safe experience for trail patrons while utilizing the Ludlam Trail.

Ludlam Trail has been envisioned as a critical part of the Miami-Dade County Greenway and Trail System since 1998. This critical infrastructure will provide a safe, dedicated, and direct route for both cyclists and pedestrians to schools, parks, places of work, shops, transit and residential neighborhoods. This project will also connect more than 60,000 people within a half-mile walkable service area to five greenways, five schools, four parks, and two existing or current transit hubs. PROS continues to work with the Florida Department of Transportation (FDOT), Friends of the Ludlam Trail (FOLT), Miami-Dade Transportation Planning Organization (TPO), Miami-Dade Transit and Public Works Department (DTPW) and private developers to ensure the success of this important project.

Thank you for your consideration of this application. If you have any questions, please do not hesitate to contact me at 305-755-7903.

Sincerely. Want Warch

X

Maria I. Nardi

Miami-Dade Parks, Recreation and Open Spaces

2013 Governor's Sustained Irredience Award

S : 1.7 1 1.

RECUPACNT





Board of Country Commissioners



Rebeca Sosa COMMISSIONER DISTRICT 6

February 7, 2022

Mr. Oscar Camejo Transportation Alternatives Coordinator Miami-Dade Transportation Planning Organization 111 NW 1st St., Suite 920 Miami, FL 33128

RE: Ludlam Trail Bridge Overpass at SW 24 St (Coral Way)-Construction Phase

Dear Mr. Camejo,

I am writing to express my strong support for the Miami-Dade County Parks, Recreation and Open Spaces Department's (PROS) 2022 Transportation Alternatives (TA) application for the *Ludlam Trail Bridge Overpass at SW 24 St (Coral Way)* within the Ludlam Trail corridor, between SW 69th-70th Avenues. The proposed bridge will span from the southern right-of-way line to the northern right-of-way line across SW 24th Street and greatly enhance the safety of trail users as they cross the busy thoroughfare while providing continuous trail connectivity. This project holds distinctive importance as it lies at the heart of my commission district.

The Ludlam Trail will connect more than 60,000 people in a half-mile walkable service area to five greenways, five schools, four parks, and two transit hubs. The proposed multi-use trail is located within a central urban area and will fulfill a long-anticipated need for alternative mobility opportunities, providing connectivity between residential neighborhoods, retail centers, existing parks and schools; and ultimately provide a direct connection between Dadeland North Metrorail Station and the SMART Plan Corridor #2 (East-West Corridor Rapid Transit Project) near NW 7th St. close to Miami International Airport.

Thank you for your consideration and support of this project, which holds regional significance throughout Miami-Dade County.

Sincerely,

Rebeca Sosa

Miami-Dade County

Board of County Commissioners (District 6)



DEPARTMENT OF TRANSPORTATION
AND PUBLICWORKS
Office of the Director
701 N.W. 1st Court, 17th Floor
Miaml, Florida 33136

February 10, 2022

Mr. Oscar Camejo
Transportation Alternatives Coordinator
Miami-Dade Transportation Planning Organization
111 NW 1st St., Suite 920
Miami, FL 33128

RE: Ludlam Trail Bridge Overpass at SW 24 St (Coral Way)-Construction Phase

Dear Mr. Camejo,

Please accept this letter that demonstrates the Miami-Dade County Department of Transportation and Public Works' (DTPW) support for the Miami-Dade County Parks, Recreation and Open Spaces Department's (PROS) 2022 Transportation Alternatives (TA) application for the Ludlam Trail Bridge Overpass at SW 24 Street (Coral Way). The proposed bridge overpass will enhance the safety for trail, transit and vehicle users, providing improved mobility along the Ludlam Trail. The bridge overpass provides increased safety and community connectivity for all users traveling along SW 24th Street. The proposed bridge overpass will enhance the safety for trail and vehicle users along the traffic heavy SW 24th Street. Subsequently, the completed Ludlam Trail will provide a connection to DTPW's Metrorail system and the SMART Plan Corridor #2 (East-West Corridor Rapid Transit Project) near NW 7th St. close to Miami International Airport.

In a proactive effort to prepare the aforementioned project proposal, PROS has coordinated with DTPW staff to incorporate the Department's expertise into the preliminary scoping for the bridge. Additionally, PROS discussed collaborating with DTPW for bridge services upon completion of construction, including inspections as well as maintenance of the structure and substructure. We enthusiastically anticipate assisting with PROS' efforts on this project to implement multimodal transportation standards to benefit the community.

I appreciate your consideration of this critical project which will greatly enhance mobility options and quality of life for the residents of Miami-Dade County.

Sincerely,

Eulois Cleckley
Directo d CE

Mi__-Dade County, Department of Transportation and Public Work



February 14, 2022

Mr. Oscar Camejo Transportation Alternatives Coordinator Miami-Dade Transportation Planning Organization 111 NW 1st St., Suite 920 Miami, FL 33128

RE: Ludlam Trail Bridge Overpass at SW 24 St (Coral Way)-Construction Phase

Dear Mr. Camejo:

The Friends of the Ludlam Trail enthusiastically supports the Miami-Dade County Parks, Recreation and Open Spaces' (PROS) submission of a 2022 Transportation Alternatives (TA) application for the *Ludlam Trail Overpass at SW 24th Street (Coral Way)*. The proposed project will provide a very important safety component for Ludlam Trail users by providing a safe crossing by eliminating direct contact with traffic along SW 24th Street and ensuring an uninterrupted trail experience.

The 5.6-mile Ludlam Trail will enhance bicycle and pedestrian safety and access for more than 60,000 residents living within a 1/2 mile of the trail; enhance mode share for 2.7 million county residents, businesses, parks, and schools; create regional multi-modal linkages, and provide for a safer and healthy livable community. The revitalization of this former railroad corridor will spur economic development throughout the trail and ancillary developments. The Friends of the Ludlam Trail, a non-profit organization, represents the thousands of Miami-Dade County residents who support the Ludlam Trail becoming an asset for the community as a non-motorized use trail. The bridge overpass over SW 24th Street is a critical component of the Ludlam Trail.

Our organization appreciates your consideration of this worthy project for funding. Thank you for continuing to support projects that provide opportunities for alternate modes of transportation within South Florida.

Sincerely,

Peter Rabbino

President

Friends of the Ludlam Trail peterrabbino@gmail.com

(954) 937-4528

Miami-Dade County Parks, Recreation and Open Spaces Department FDOT Project Status Report

FDOT Project Status Report									
Program Type	FM No.	Contract No.	Grant Project Title	Year	Scope	Sum of	f Award Amount	Sum of Payments	Status Updates
				Awarded				Received	Project is closed. The Ludlam Trail was acquired in October 2018.
EDTF	416660-2-48-02	G0N06	FY 17 Ludlam Trail	2016	Acquisition	\$	3,000,000.00	\$ 3,000,000.00	Project completed and closed.
	416660-2-48-01	G0D24	FY 16 Ludlam Trail	2015	Acquisition	e	2,993,150.00	¢ 2002150.00	Project is closed. The Ludlam Trail was acquired in October 2018. Project completed and closed.
		00024	JPA for Gateway Beautification at	2015	Acquisition	_	2,333,130.00	2,333,230.00	Troject compreted and closed.
	442795-1-74-01	Pending	Eureka Park of Commerce	2017	Landscape Improvements	\$	40,000.00	\$ 39,492.20	Project is closed and completed.
	439086-1-74-01	G0K92	JPA for Beautification Project on A1A from Haulover to Sunny Isles	2016	Landscape Improvements	e	100.000.00		Extension granted until 2022 due to FDOT project in the same area preventing this one to begin
Highway Beautification	433080-1-74-01	GUK92	ITOTITIALIOVEI TO SUITIN ISIES	2010	Lanuscape improvements	,	100,000.00		Design is currently scheduled to be completed by July 2020. PROS will
riigiiway beautiicatioii						١.			enter into JPA and MMOA once design is complete and approved by
	446956-1-74-01	Pending	JPA for Naranja Lakes CRA JPA for Landscaping Improvements	2019	Landscape Improvements	\$	105,300.00		FDOT.
			Along various FDOT Maintained						
	250610-1-58-02	ARA38	Roadways	2014	Landscape Improvements	\$	1,500,000.00	\$ 1,499,984.45	Project is closed and completed.
State Appropriations	416660-5-48-01	G0W54	FY 18 Ludlam Trail	2017	Acquisition	4	5,000,000.00	\$ 5,000,000.00	The Ludlam Trail was acquired in October 2018. Project completed
			Ludlam Trail Planning Study (Strategic	2017	Acquisition	_		3,000,000.00	PROS entered into LAP agreement in April 2019. Project is active.
	416660-3-18-01	G1793	Implementation Plan)	2017	Planning	\$	293,610.00	\$ -	PROS is finalizing PSA. Initial project completed and remaining funds (\$293.610) were placed
									Initial project completed and remaining funds (\$293,610) were placed under new contact (G1793) to fully expend funds on a Ludlam Trail
Federal Farmarks	416660-1-38-01	APY06	Ludlam Trail - Ros-Lehtinen Earmark	2006	Design	s	547,480.00	\$ 263,014.00	Planning Study.
r cucrui cumuno									
									Funding was used for Miami-Dade County Trail Design Guidelines and
									Standards and Miami-Dade County Trail Benefits Study. Reports
	416660-1-28-01	A0539	Ludlam Trail - Ros-Lehtinen Earmark	2005	Preliminary Engineering	\$	500,000.00	\$ 492,459.00	completed in 2011.
	439898-1-34-01	G0L04	Biscayne Trail Segment D Phase 2	2016	Design	s	122,825.00	s -	PROS will request an extension due to pending permit approvals.
Suntrail			Biscayne Trail Segment D Phase II -			-		-	
Juliu ali	439898-1-54-01	Pending	Construction	2018	Construction	\$	1,254,731.00	\$ -	PROS is pending design completion before entering into agreement
	416660-4-58-01	Pending	Ludlam Trail	2016	Construction	s	8.000.000.00	s -	Funds programmed for FY 2021. PROS requested to defer funds to FY 21-22. PROS is working on a resoultion for this award.
SRTS (TAP)	436616-1-14-01	G0633	UM/PROS Bikesafe Program	2016	Programmatic	\$	300,000.00		Project is closed and completed.
TAP	APV78	APV78	Biscayne Trail Segment C & D Phase 1	2005	Design	\$	670,510.00	\$ 623,393.59	PROS will request an extension due to pending permit approvals.
									execution.
	436610-1-58-01	Pending	Hobie Island North Side Shoreline and Roadway Protection	2015	Construction	Ś	2,000,000.00	s -	(This was originally two grant applications for \$1 mil each, but in 8/2018
							, ,		NTP
			Rickenbacker Causeway Green Bike			١.			to advertise and fully executed LAP agreement in February 2020. Reso
-	440840-1-58-01 438667-1-58-01	G1J11 Pending	Lanes Segment A Phase 1 Black Creek Segment B Phase 1	2016 2005	Construction Construction	S	955,961.00 628,412.00		R-493-18. Programmed for FY 2022. Reso R-493-18.
						Ť		*	Pending FDOT concurrence to award. Project is a part of federalized
	438667-1-38-01	G0K51	Black Creek Segment B	2005	Design	\$	371,588.00	\$ -	CSA.
	440842-1-58-01	Pending	Black Creek Segment B Phase 2	2016	Construction	\$	1,000,000.00	\$ -	Programmed for FY 2022. Reso R-493-18.
									PROS entered into LAP agreement December 2019. Pending FDOT
	441641-1-38-01	G1H54	Roberta Hunter Park	2017	Design	\$	104,307.00	\$ -	concurrence to award. Project is a part of federalized CSA.
									TAP approval came in on 7/20/17. Reso R-493-18. Programmed in FY
	441641-1-58-01	Pending	Roberta Hunter Park	2017	Construction & CEI	\$	348,201.00	\$ -	2024.
									TAP approval came in on 7/20/17. PROS has requested to advance
	416660-6-38-01	Pending	Ludlam Trail Segment B Phase I	2017	Design	s	627,531.00	s -	these funds to FY 19-20. PROS is working on a resolution for this award.
	410000 0 30 01	Terrorrig		2027	Design	_	027,332.00	7	uwuru.
			Ludlam Trail Access and Trailhead						
	446059-1-38-01	Pending	Improvements at A.D. "Doug" Barnes Park	2019	Design	s	454,827.00	s -	TAP approval came in June 2019. Programmed for fiscal year 2025. Pending resolution to enter into LAP agreement.
	440033 1 30 01	rending		2015	Design	_	454,027.00	7	
			Snake Creek Trail Access and Path			١.			TAP approval came in June 2019. Programmed for fiscal year 2025.
-	446069-1-38-01	Pending	Improvements	2019	Design	\$	173,962.00	\$ -	Pending resolution to enter into LAP agreement.
			Snapper Creek Trail Segment A SW 107						TAP approval came in June 2019. Programmed for fiscal year 2025.
	444194-1-68-01	Pending	Ave Gap	2019	CEI	\$	103,838.00	\$ -	Pending resolution to enter into LAP agreement.
									TAP approval for construction came in on July 2018 and June 2019.
			Snapper Creek Trail Segment A SW 107						Programmed for FY 2024. Pending resolution to enter into LAP
	444194-1-68-01	Pending	Ave Gap	2018-2019	Construction	\$	756,675.00	\$ -	agreement.
	441639-1-38-01	G1731	Snapper Creek Trail Segment B Phase 1	2017	Design	s	116,468.00	\$	Pending FDOT concurrence to award. Project is a part of federalized CSA.
	.41033 1-30-01	51/31		2017		_		-	TAP approval came in on 7/20/17. Reso R-493-18. Programmed for FY
	441639-1-58	Pending	Snapper Creek Trail Segment B Phase 1	2017	Construction & CEI	\$	403,272.00	\$ -	2024.
	444299-1	Pending	Snake Creek Trail Extension to Greynolds Park	2018	Construction	s	403,072.00	s -	TAP approval came in on 7/18/18. Pending resolution and FM number Programmed for FY 2024.
		renung		2020		1	403,072.00	-	- regressioner on E. F. AMATA
	436754-1-38	Pending	Snake Creek Underpass	2014	Design	\$	250,000.00	\$ -	Programmed for FY 2020. Reso R-493-18.
	251265-7-58	Pending	Biscayne Trail Segment D Phase 1	2005	Construction	\$	1,845,000.00	\$ -	Programmed for FY 2020.
						1.		l.	
	418333-1-58-01	AQP57	Greenway Bridges	2004	Design & Construction	\$	757,530.00	\$ 725,087.00	Project completed and closed.
	254200						2 700		
-	251200-3-58-01	APN79	Snake Creek Trail Phase 1	2006	Design & Construction	5	3,700,000.00	\$ 2,911,152.00	Project completed and closed.
	251265-3-58-01	APW69	Black Creek Trail Segment A	2008	Design & Construction	4	2.780.000.00	\$ 2130 722 00	Project completed and closed
	231203-3-36-01	AF WOS	Ludlam Trail Bridge Overpass at SW	2000	pengri a construction	,	2,700,000.00	Z,13U,/23.UU	Project completed and closed.
		Pending	40th Street (Bird Road)	2020	Construction	\$	1,000,000.00	\$ -	Programmed for FY 2026
	447967-1					1	,,		•
	447967-1								
	447967-1 416660-9	Pending	Ludlam Trail West Flagler Street Trail Overpass	2021	Construction	\$	1,000,000.00		Programmed for FY 2027
		Pending	Ludlam Trail West Flagler Street Trail	2021	Construction	ŝ	1,000,000.00		Programmed for FY 2027
Grand Total			Ludlam Trail West Flagler Street Trail	2021	Construction	\$	1,000,000.00 1,000,000.00 45,208,250.00	\$ 19,950,980.83	Programmed for FY 2027 Programmed for FY 2005