

TYPE I CATEGORICAL EXCLUSION MEMORANDUM

DATE: September 7, 2022

TO: Mya Williams-Gray, Local Program Administrator, FDOT District 4
Ramon Alvarez, Palm Beach County Local Agency Program Coordinator, FDOT District 4

FROM: Tori Bacheler, Environmental Scientist, Kimley-Horn and Associates, Inc. (Consultant to City of Delray Beach)

COPIES: Ann Broadwell, Environmental Administrator
Ilyse Triestman, City of Delray Beach
Richard Pereira, City of Delray Beach

SUBJECT: **Type I Categorical Exclusion Memorandum**
Lindell Boulevard
FM Number: 441533-1-58-01
Federal Aid Project Number: D422-087-B
County: Palm Beach
Limits: Old Dixie Hwy to Linton Boulevard

The City of Delray Beach Lindell Boulevard improvement project is a federally funded project by the Transportation Planning Agency of Palm Beach County (TPA). The project is administered by the Florida Department of Transportation (FDOT) under their Local Agency Program (LAP).

The project limits are the right-of-way (ROW) of SW 10th Ave from the south ROW line of Linton Boulevard (Blvd.) to Lindell Blvd. and the ROW of Lindell Blvd. from SW 10th Ave to the west side of the Florida East Coast (FEC) Railroad crossing (not including any work within FEC ROW) for a total length of approximately 1.3 miles (see *Figure 1 Location Map* and *Figure 2 USGS Quadrangle Map*).

The project scope of work proposes the following activities within the existing ROW:

- Pedestrian mobility improvements consisting of cycle tracks with curbing as needed on both sides of Lindell Blvd and the southern portion of SW 10th Ave;
- Pedestrian sidewalk connectivity along the northern portion of SW 10th Ave;
- Regrading of swale areas along Lindell Blvd;
- Milling and resurfacing of Lindell Blvd; and
- Addition of sharrows as needed at terminus tie-in locations.

This project has been reviewed and the Environmental Class of Action for this project is a **Type I Categorical Exclusion (CE)** (Category #3), as described in Part 1, Chapter 2, Class of Action Chapter of the Project Development and Environment (PD&E) Manual.

The project is primarily surrounded by residential and community land uses. A photographic log of the project corridor is included in *Appendix A*. Kimley-Horn and Associates, Inc. staff conducted field reconnaissance on March 23, 2022.

Local Traffic Patterns

The proposed scope of work does not include any impacts on local traffic patterns and access will be maintained to all adjacent properties with existing access along Lindell Blvd and SW 10th Ave. Residents will be properly notified per the City's process. Due to the temporary work proposed, no long-term impact on community services and local traffic patterns is anticipated. Additionally, A Traffic Control Plan (TCP) will be added to the construction plans to show the plan for access to be maintained.

Property Access and Right of Way Acquisition

The proposed scope of work does not include any impacts on local property access or ROW acquisition. No staging of vehicles/equipment within private residential ROW will occur and access will be maintained during construction if lane closures are anticipated.

Community Cohesiveness

The proposed project is surrounded by residential neighborhoods and is intended to enhance mobility within and between existing communities and community facility resources. As the project is occurring along already existing roadways, this project will not result in the division of the community.

Community Facilities and Services

Two community facilities were observed within 1,320 feet of the project limits and are listed below (see *Figure 3 Community Features Map*):

- Leon M. Weekes Environmental Preserve, 2800 Albatross Rd, Delray Beach, FL 33444
- Delray Beach Swim & Tennis Center, 2350 Jaeger Dr, Delray Beach, FL 33444

These facilities are not located within the project limits, therefore no ROW or access changes will occur to these facilities as a result of this project. Temporary construction impacts on these resources, such as noise, may occur as a result of this proposed project. These impacts will be minimized through traffic access control, implementation of Best Management Practices (BMPs) to control dust and runoff, and construction during daylight hours to the extent practical. Access will be maintained throughout construction to these facilities.

Planned Community Growth/Land Use Patterns

The corridor is urban and essentially built out. The proposed scope of work does not include any impacts on planned community growth or land use patterns. Therefore, adverse impacts on planned community growth are not anticipated.

Land use within the project corridor was classified using the Florida Land Use, Cover, Forms, and Classification System (FLUCFCS). Land use within the project vicinity includes residential (Fixed Single-Family Units, Multiple Dwelling Units), retail sales and services, and reservoirs (see *Figure 4 FLUCFCS Map*). The addition of shared-use paths, swales, and milling and resurfacing will not alter the existing land use patterns.

Section 4(f) of the Department of Transportation

There is one potential resource protected under Section 4(f) of the Department of Transportation Act identified within the vicinity of the proposed project: Leon M. Weekes Environmental Preserve. It is located northwest of Lindell Blvd and west of S Dixie Hwy. However, the preserve is outside of the project

footprint and will not be impacted. No ROW will be required from this resource, and additionally, the following note will be added to the construction plans to ensure that contractor staging does not occur within this facility:

“No staging or operating of equipment will be permitted within Leon M. Weekes Environmental Preserve Access to these facilities will be maintained throughout construction.”

The cycle tracks and sidewalks are minor proposed improvements and will enhance the surrounding community. As such, with the above staging note being added to the plans, there is no Section 4(f) involvement anticipated with this project.

Air Quality and Noise

Because the proposed project is not a capacity improvement, no long-term air quality or noise impacts are anticipated. The project is in an area that is designated attainment for all of the National Ambient Air Quality Standards under the criteria provided in the Clean Air Act. Therefore, the Clean Air Act conformity requirements do not apply to the project. The scope of work proposes cycle tracks, sidewalks, swales regarding, and milling/resurfacing to an already existing roadway. No noise impacts are expected as per 23 CFR 772 and a noise study is not required.

Water Quality

Surface waters are present adjacent to the project limits, the most notable of which are waters that connect the C-15 Canal, which is found just south of the project limits. The project does propose a minor increase in impervious areas and minor drainage improvements are proposed. The existing swales will be regraded to account for the minor change in impervious areas. These drainage improvements will enhance the current water quality treatment. To prevent short-term impacts, sediment erosion control measures will be installed. Additionally, a Stormwater Pollution Prevention Plan (SWPPP) will be developed and included in the plans. The Contractor will also follow BMPs and comply with the FDOT *Standard Specifications for Road and Bridge Construction* to minimize impacts on water quality.

Wetlands

Kimley-Horn and Associates, Inc. staff conducted field reconnaissance on March 23, 2022, and reviewed the National Wetlands Inventory (NWI) map of the project vicinity. Areas mapped by NWI as wetlands are included in **Figure 5 - Wetland and Surface Waters Map**. Based on the NWI map, no wetlands or surface waters are found within the project limits. The project limits were visually screened for the presence of wetlands as defined in the “Corps of Engineers Wetlands Delineation Manual,” Technical Report Y-87-1, and Chapter 62-340, Florida Administrative Code (F.A.C.). The results of the field reconnaissance indicate there are no wetlands located immediately adjacent to or within the project limits, however, surface waters are found adjacent to the corridor (C-15 Canal). The canal is outside of the project limits. There is no proposed in-water work, therefore, no impacts are anticipated on any surface waters. Additionally, an SWPPP will be developed and included in the plans to minimize impacts on the canals. The Contractor will comply with the FDOT *Standard Specifications for Road and Bridge Construction* to ensure no impacts on water quality occurs.

Coastal Barrier Resources

The project is not located within a Coastal Barrier Resource System (CBRS).

Farmlands

Not applicable. This project is in an urban area and no farmlands are located within or adjacent to the project limits.

Special Designations

Based on GIS data available from the Florida Department of Environmental Protection (FDEP; <http://www.dep.state.fl.us/gis/datadir.htm>), and the University of Florida GeoPlan Center (www.fgdl.org), National or State Wild and Scenic River Systems, Aquatic Preserves, or Outstanding Florida Waters do not occur within the project limits.

Section 6(f) of the Land and Water Conservation Fund (LWCF) Act of 1965 applies to all FDOT projects that cause impacts to any public park, recreation area, or facility acquired or developed with LCWF federal funding. There are no facilities within the project limits that would be protected under Section 6(f).

The Acquisition and Restoration Council (ARC) administers the review and approval of management plans and land uses for all state-owned conservation lands. There are no state-owned conservation lands within the proposed project limits and therefore this project will have no interaction with ARC.

Floodplain Encroachment

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) available from the FEMA website (<http://fema.gov>) were reviewed to determine if the project area is located within a flood zone. The project is located within two zones: Zone AE (1% annual chance of flood hazard) and Zone X (area of minimal flood hazard) (see **Figure 6 - FEMA Flood Zone Map**).

Endangered and Threatened Species

Based on GIS data available from the United States Fish and Wildlife Service (USFWS; <http://www.fws.gov>), Florida Fish and Wildlife Research Institute (FWC; <http://myfwc.com/research/gis/>), and the University of Florida GeoPlan Center (www.fgdl.org), the project is located within USFWS Consultation Areas for the Atlantic coast plants, Florida scrub-jay (*Aphelocoma coerulescens*), West Indian manatee (*Trichechus manatus*), Everglade snail kite (*Rostrhamus sociabilis plumbeus*), and the piping plover (*Charadrius melodus*).

A Florida Natural Areas Inventory (FNAI) report was also collected to review possible listed species occurrences within the project limits (See **Appendix B FNAI Biodiversity Matrix Report**). According to the FNAI, there are no documented occurrences of state or federally listed species.

The project is located within the Core Foraging Area (CFA) of two wood stork (*Mycteria americana*) colonies (Lox NC-4 and Wakodahatchee). The CFA is defined as an 18.6-mile radius around known wood stork colonies. Although the surface waters within the project site could be considered suitable foraging habitats, the project will not be impacting the surface waters. According to the *Wood Stork Effect Determination Key (South Florida)*, the project is not within 0.47 miles of an active wood stork colony and the project does not impact suitable foraging habitat; therefore, the project will not affect the wood stork.

The eastern indigo snake (*Drymarchon corais couperi*) could occur within the project area. According to the *Eastern Indigo Snake Programmatic Effect Determination Key (South Florida)*, the project is not located within open water or salt marsh, the *Standard Protection Measures for the Eastern Indigo Snake*

(August 2013) will be implemented during construction, and the project will impact less than 25 acres of eastern indigo snake habitat, and although there are no known holes, cavities, active or inactive gopher tortoise burrows, or other underground refugia, the project will be conditioned such that all gopher tortoise burrows, active or inactive, will be excavated before site manipulation in the vicinity of the burrow; therefore, the project *may affect but is not likely to adversely affect* the eastern indigo snake.

Marginal gopher tortoise (*Gopherus polyphemus*) habitat exists within the project limits, and a 15% gopher tortoise burrow survey was conducted on March 23, 2022. No gopher tortoises or their burrows were observed during field reconnaissance; however, based on the presence of suitable habitat, a 100% gopher tortoise burrow survey will be completed no more than 90 days before construction. If potential burrows are found, a gopher tortoise relocation permit will be obtained before construction.

The following non-listed species were observed during site reconnaissance: common grackle (*Quiscalus quiscula*), European starling (*Sturnus vulgaris*), mourning dove (*Zenaida macroura*), the northern cardinal (*Cardinalis cardinalis*), blue jay (*Cyanocitta cristata*), osprey (*Pandion haliaetus*), northern mockingbird (*Mimus polyglottos*), and turkey vulture (*Cathartes aura*).

The project is located within an urban area and no occurrences of threatened/endangered species were documented and no natural habitat was identified within the corridor during field reconnaissance. Therefore, there will be "no effect" on any protected species, and no additional consultation is required with either USFWS or FWC. The Programmatic Agreement Spreadsheet will document the effects on protected species within the Statewide Environmental Project Tracker (SWEPT) file.

Essential Fish Habitat

Not applicable. Based on the review of the National Marine Fisheries Service's (NMFS) Essential Fish Habitat (EFH) Mapper on February 22, 2022, there are no EFH areas within the project limits.

Residential or Business Relocations

The proposed project will not require any residential or business relocations.

Section 106 of the National Historic Preservation Act

A Cultural Resources Assessment Survey (CRAS) was completed in support of improvements to Lindell Boulevard and SW 10th Avenue. The Area of Potential Effect (APE) included the existing rights-of-way along Lindell Boulevard and SW 10th Avenue and extensions to the back or side of adjacent property lines for no more than 330 feet. The archaeological survey was completed within the existing right-of-way and the architectural survey was completed within the entire APE. No artifacts or archaeological sites or occurrences were observed within the APE. For the architectural survey, 42 historic resources were found within the APE. All of the resources lacked the architectural distinction and significant historical associations necessary to be considered for listing in the National Register of Historic Places (NRHP) and therefore are all recommended ineligible for listing. The CRAS will be forwarded to the State Historic Preservation Officer for concurrence and the concurrence will be included in **Appendix C** upon receipt.

Contamination

A preliminary evaluation of the project area was conducted to identify potentially contaminated sites that may impact the proposed project. This analysis included a desktop review of the FDEP Map Direct website

and readily available documents from FDEP's OCULUS database. Sites identified during this review are listed below and shown in **Figure 7 Potential Contamination Sites Map**.

The following two potential contamination sites were identified within 500 feet of the project area:

- 1) Target – Large quantity generator (Fac. ID No. 62806) – 1200 Linton Blvd
- 2) Crystal Cleaners (Fac. ID No. 9800183) – 1000 Linton Blvd #A-1

The following notes have been incorporated into the construction plans to reduce the potential for impacts regarding contamination during construction:

When encountering or exposing any abnormal condition indicating the presence of hazardous or toxic waste, or contaminants, cease operations immediately in the vicinity and notify the LAP City of Delray Beach Engineer (Patrick A. Figurella). The presence of tanks or barrels; discolored earth, metal, wood, groundwater, etc.; visible fumes; abnormal odors; excessively hot earth; smoke; or other conditions that appear abnormal may indicate hazardous or toxic wastes or contaminants and must be treated with extreme caution.

Make every effort to minimize the spread of contamination into uncontaminated areas. Immediately provide for the health and safety of all workers at the job site and make provisions necessary for the health and safety of the public that may be exposed to any potentially hazardous conditions. Provisions shall meet all applicable local, state, and Federal laws, rules, regulations, or codes covering hazardous conditions and will be in a manner commensurate with the gravity of the conditions.

The LAP City of Delray Beach Engineer (Patrick A. Figurella), and/or Contractor will coordinate and mobilize a qualified Contamination Assessment/Remediation (CAR) Contractor. Qualifications of such CAR Contractor shall include, but not be limited to experience and personnel to prepare contamination assessment plans, conduct contamination assessments, prepare site assessment reports, remediation plans, implement remedial action plans, risk-based corrective actions, storage tanks system removal, highway spill response as well as experience with infrastructure/construction activities within (potentially) contaminated areas specific to transportation systems.

All the work performed by the CAR Contractor shall be performed in compliance with all applicable local, state, and federal regulations governing worker safety and environmental regulations. This is to include occupational exposure to contaminated soils, groundwater, wastes, and atmosphere during the construction of all features included in the construction plans. In addition, the CAR Contractor must be staffed with Florida licensed technical professionals (geologists and engineers) who will be involved with the project and knowledgeable of the work activities conducted within the identified contaminated areas and who would sign and seal project reports as required for submittal to the appropriate environmental regulatory agencies.

The LAP City of Delray Beach Engineer (Patrick A. Figurella), will immediately notify the Florida Department of Transportation (FDOT) District IV Contamination Impact Coordinator (DCIC) at (954) 777-4286 after encountering the unidentified areas of contamination. A preliminary investigation by the CAR Contractor will determine the course of action necessary for site security and the steps necessary under applicable laws, rules, and regulations for additional assessment and/or remediation work to resolve the contamination issue.

Following completion of the project, the CAR Contractor shall be required to provide copies of all reports submitted to regulatory agencies, waste material profiles, manifests, and/or disposal receipts for the handling of all contaminated media including but not limited to groundwater, wastewater, soils, solid wastes, sludge, hazardous wastes, air monitoring records and sample results for all materials tested and analyzed to the LAP City of Delray Beach Engineer (Patrick A. Figurella) and the FDOT DCIC.

Public Hearing

No public hearing or opportunity for a public hearing is required, by Part 1, Chapter 11, of the FDOT Project Development and Environmental (PD&E) Manual.

The City of Delray Beach held an in-person Public Information Meeting on August 11, 2022 from 5:30 PM to 7:00 PM. A flyer was posted on the City of Delray Beach's Social Media page alerting the public of the upcoming meeting (see *Appendix D* for the Public Information Meeting Flyer). Additionally, the flyer was also posted on the City of Delray Beach's website. Eleven comments were received regarding this project. Several comments supported the project; however, some local residents were concerned with the proposed guardrail along Lindell Boulevard. Residents believed the guardrail was unsightly and needed hedges placed in front of the guardrail to disguise it.

Controversy

No public controversy issues exist regarding this project. Once public meetings occur more information will be known about public opinion.

Permits

The project qualifies for an exemption through the South Florida Water Management District (SFWMD) under 62-330.051(4) F.A.C.

A National Pollutant Discharge Elimination System (NPDES) permit will be required from the FDEP and the contractor will be responsible for obtaining it before construction.

Planning Consistency

This project was reviewed for fiscal constraints and determined to have committed, available, or reasonably available funds for the implementation of all the phases of the project within the period anticipated for completion of the project (as per 23 CFR Part 450).

The Statewide Transportation Improvement Program (STIP) page is uploaded to the SWEPT and PSEE and is included in *Appendix E*.

Project Commitment Record

The following commitments have been made for this project:

1. The *Standard Protection Measures for the Eastern Indigo Snake* (August 2013) will be implemented during the construction of this project to minimize potential impacts on the snake.
2. A 100% gopher tortoise survey will be conducted within 90 days from the start of construction.

FIGURES

- 1. Project Location Map**
- 2. USGS Quadrangle Map**
- 3. Community Facilities Map**
- 4. FLUCFCS Map**
- 5. NWI Wetlands and Surface Waters Map**
- 6. FEMA Flood Zone Map**
- 7. Potential Contamination Sites Map**

APPENDICES

- A. Photographic Log**
- B. Florida Natural Areas Inventory Biodiversity Matrix Report**
- C. State Historic Preservation Office Concurrence Letter (To Be Included Upon Receipt)**
- D. Public Information Meeting Flyer**
- E. Statewide Transportation Improvement Project Details**

FIGURE 1
Project Location Map

Palm Beach County



FL 806

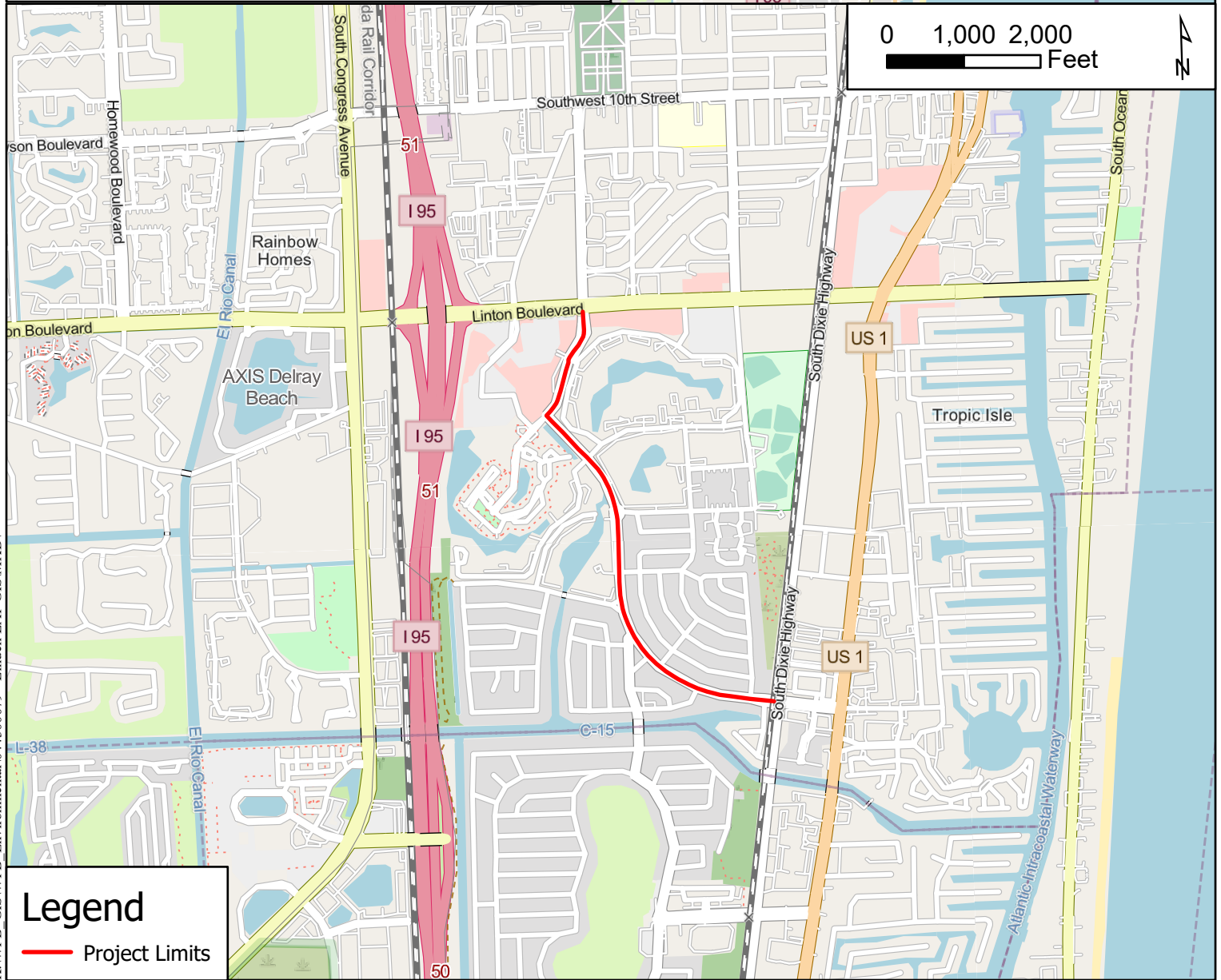
Delray Beach

Project Area

US 1

I 95

0 1,000 2,000 Feet



Legend

Project Limits

K:\WPB_GIS\WPB_Environmental\044300079 - Lindell LAP GIS\MXD

Source: ESRI, FDOT, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project Location Map



© 2022 Kimley-Horn and Associates, Inc. 1920 Wekiva Way, STE 200 West Palm Beach, FL 33411 Phone (561) 845-0665 www.kimley-horn.com

Lindell Boulevard From Old Dixie Hwy to Linton Blvd FM# 441533-1-58-01 Palm Beach County, Florida

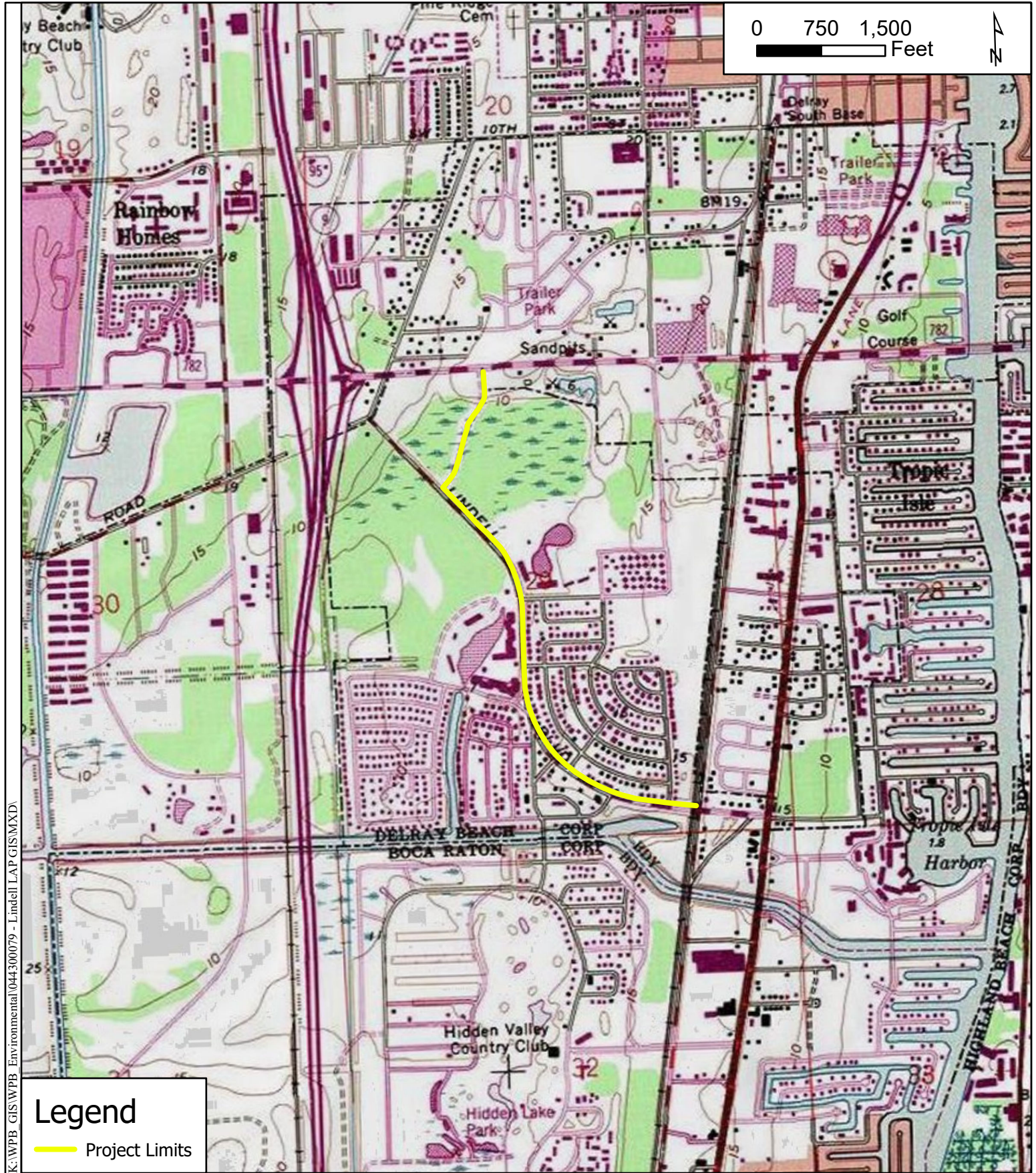
1 inch = 2,000 feet

PROJECT NUMBER: 044300079

APRIL 2022

FIGURE 1

FIGURE 2
USGS Quadrangle Map



K:\WPB_GIS\WPB_Environmental\044300079 - Lindell LAP GIS\MXD

Source: ESRI, FDOT, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend
— Project Limits

USGS Topographic Map



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 FM# 441533-1-58-01
 Palm Beach County, Florida

1 inch = 1,500 feet	PROJECT NUMBER: 044300079	APRIL 2022	FIGURE 2
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FIGURE 3
Community Facilities Map



K:\WPB_GIS\WPB_Environmental\044300079 - Lindell LAP GIS\MXD

Legend

- Project Limits
- 1320-ft Buffer
- Community Features

Source: ESRI, FDOT, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Community Facilities Map



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 FM# 441533-1-58-01
 Palm Beach County, Florida

1 inch = 900 feet	PROJECT NUMBER: 044300079	APRIL 2022	FIGURE 3
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FIGURE 4
FLUCFCS Map



Legend

100-ft Buffer

Land Use

- 121: FIXED SINGLE FAMILY UNITS (TWO-FIVE DWELLING UNITS PER ACRE)
- 133: MULTIPLE DWELLING UNITS, LOW RISE (TWO STORIES OR LESS)
- 134: MULTIPLE DWELLING UNITS, HIGH RISE (THREE STORIES OR MORE)
- 141: RETAIL SALES AND SERVICES
- 812: RAILROADS

Source: ESRI, FDOT, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Florida Land Use, Cover, and Forms Classification System Map



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FM# 441533-1-58-01
Palm Beach County, Florida

1 inch = 600 feet

PROJECT NUMBER: 044300079

APRIL 2022

FIGURE 4

FIGURE 5
NWI Wetlands and Surface Waters Map



K:\WPB_GIS\WPB_Environmental\044300079 - Lindell LAP GIS\MXD

Legend

- Project Limits
- Wetlands

Source: ESRI, FDOT, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

NWI Wetlands and Surface Waters Map

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 FM# 441533-1-58-01
 Palm Beach County, Florida

1 inch = 600 feet	PROJECT NUMBER: 044300079	APRIL 2022	FIGURE 5
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FIGURE 6
FEMA Flood Zone Map

K:\WPB_GIS\WPB_Environmental\044300079 - Lindell LAP GIS\MXD



Legend

- Project Limits
- 100-ft Buffer
- AE: 1% ANNUAL CHANCE FLOOD HAZARD
- X: AREA OF MINIMAL FLOOD HAZARD

Source: ESRI, FDOT, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

FEMA Flood Zone Map

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FM# 441533-1-58-01
Palm Beach County, Florida

1 inch = 600 feet

PROJECT NUMBER: 044300079

APRIL 2022

FIGURE 6

FIGURE 7
Potential Contamination Sites Map





0 375 750
Feet



#2: Crystal Cleaners

#1: Target

Legend

-  Project Limits
-  500-Ft Buffer
-  Dry Cleaners
-  Large Quantity Generators

K:\WPB_GIS\WPB_Environmental\044300079 - Lindell LAP GIS\MXD

Source: ESRI, FDOT, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Potential Contamination Sites Map



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FM# 441533-1-58-01
Palm Beach County, Florida

1 inch = 900 feet

PROJECT NUMBER: 044300079

APRIL 2022

FIGURE 7

APPENDIX A
Photographic Log

Onsite Current Conditions



Photographic Log – Site Visit March 2022

Lindell Boulevard
From Old Dixie Hwy to Linton Blvd
Palm Beach County, FL

Kimley»Horn

Onsite Current Conditions



Photographic Log – Site Visit March 2022

Lindell Boulevard
From Old Dixie Hwy to Linton Blvd
Palm Beach County, FL

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Onsite Current Conditions



Photographic Log – Site Visit March 2022

Lindell Boulevard
From Old Dixie Hwy to Linton Blvd
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Onsite Current Conditions



Photographic Log – Site Visit March 2022

Lindell Boulevard
From Old Dixie Hwy to Linton Blvd
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Onsite Current Conditions



Photographic Log – Site Visit March 2022

Lindell Boulevard
From Old Dixie Hwy to Linton Blvd
Palm Beach County, FL

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Onsite Current Conditions



Entrance to Leon M. Weekes Environmental Preserve

Photographic Log – Site Visit March 2022

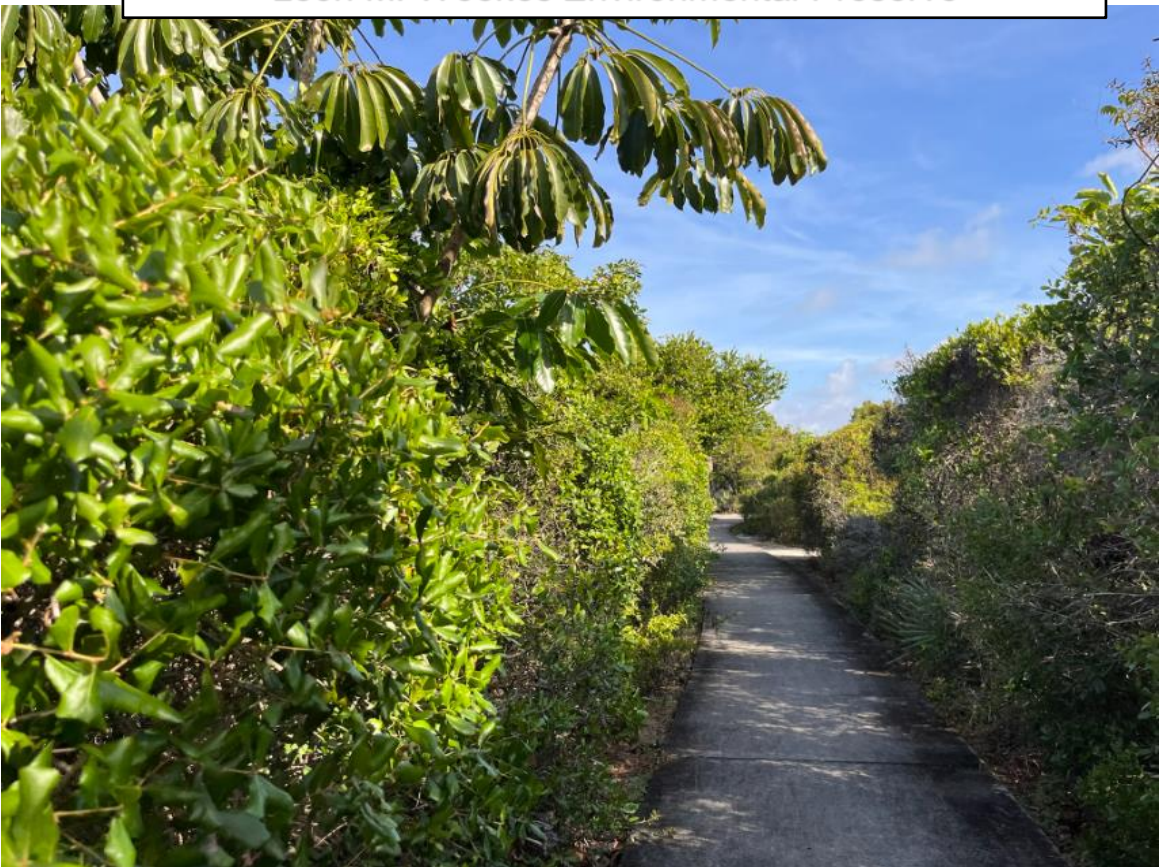
Lindell Boulevard
From Old Dixie Hwy to Linton Blvd
Palm Beach County, FL

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Onsite Current Conditions



Leon M. Weekes Environmental Preserve



Photographic Log – Site Visit March 2022

Lindell Boulevard
From Old Dixie Hwy to Linton Blvd
Palm Beach County, FL

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Onsite Current Conditions



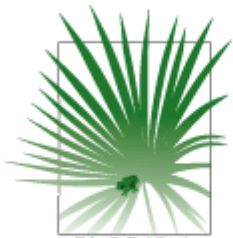
Delray Beach Tennis & Swim Club

Photographic Log – Site Visit March 2022

Lindell Boulevard
From Old Dixie Hwy to Linton Blvd
Palm Beach County, FL

Kimley»Horn

APPENDIX B
FNAI Biodiversity Matric Report



1018 Thomasville Road
 Suite 200-C
 Tallahassee, FL 32303
 850-224-8207
 850-681-9364 fax
 www.fnai.org

FLORIDA
Natural Areas
 INVENTORY

Florida Natural Areas Inventory

Biodiversity Matrix Query Results

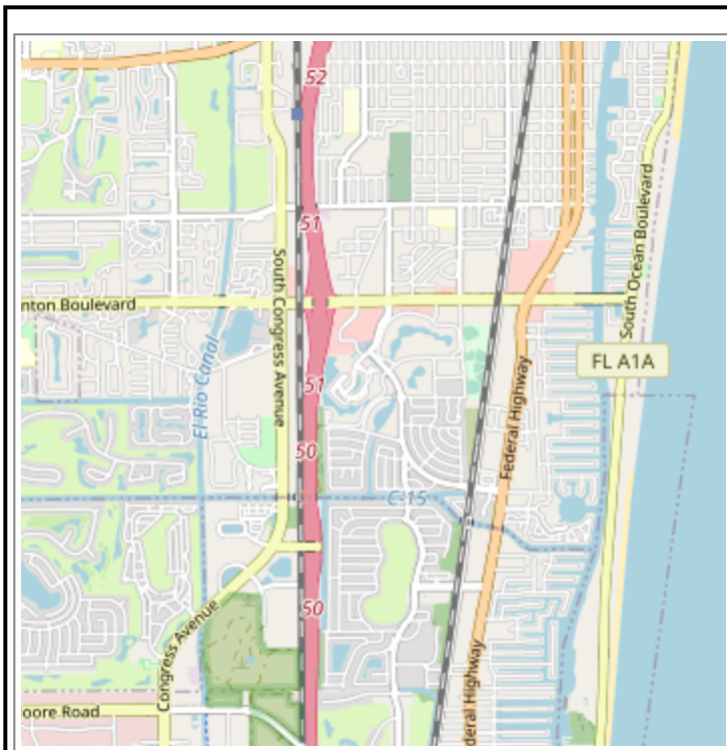
UNOFFICIAL REPORT

Created 3/17/2022

(Contact the FNAI Data Services Coordinator at 850.224.8207 or kbrinegar@fnai.fsu.edu for information on an official Standard Data Report)

NOTE: The Biodiversity Matrix includes only rare species and natural communities tracked by FNAI.

Report for 2 Matrix Units: 69071 , 69199



Descriptions

DOCUMENTED - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit.

DOCUMENTED-HISTORIC - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit; however the occurrence has not been observed/reported within the last twenty years.

LIKELY - The species or community is *known* to occur in this vicinity, and is considered likely within this Matrix Unit because:

1. documented occurrence overlaps this and adjacent Matrix Units, but the documentation isn't precise enough to indicate which of those Units the species or community is actually located in; *or*
2. there is a documented occurrence in the vicinity and there is suitable habitat for that species or community within this Matrix Unit.

POTENTIAL - This Matrix Unit lies within the known or predicted range of the species or community based on expert knowledge and environmental variables such as climate, soils, topography, and landcover.

Matrix Unit ID: 69071

1 Documented Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
<i>Mesic hammock</i>	G3	S3?	N	N

0 Documented-Historic Elements Found

1 Likely Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
<i>Mesic flatwoods</i>	G4	S4	N	N

Matrix Unit ID: 69199

0 **Documented** Elements Found0 **Documented-Historic** Elements Found1 **Likely** Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Scrub	G2	S2	N	N

Matrix Unit IDs: 69071, 6919927 **Potential** Elements Common to Any of the 2 Matrix Units

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Aphelocoma coerulescens Florida Scrub-Jay	G2	S2	LT	FT
Athene cunicularia floridana Florida Burrowing Owl	G4T3	S3	N	SSC
Conradina grandiflora Large-flowered Rosemary	G3	S3	N	T
Ctenogobius stigmaturus Spottail Goby	G2	S2	N	N
Drymarchon couperi Eastern Indigo Snake	G3	S3	LT	FT
Elytraria caroliniensis var. angustifolia Narrow-leaved Carolina Scalystem	G4T2	S2	N	N
Eumops floridanus Florida bonneted bat	G1	S1	LE	FE
Forestiera segregata var. pinetorum Florida Pinewood Privet	G4T2	S2	N	N
Glandularia maritima Coastal Vervain	G3	S3	N	E
Gopherus polyphemus Gopher Tortoise	G3	S3	C	ST
Halophila johnsonii Johnson's Seagrass	G2	S2	LT	E
Jacquemontia curtissii Pineland Jacquemontia	G2	S2	N	T
Lechea cernua Nodding Pinweed	G3	S3	N	T
Linum carteri var. smallii Small's Flax	G2T2	S2	N	E
Lithobates capito Gopher Frog	G3	S3	N	SSC
Panicum abscissum Cutthroat Grass	G3	S3	N	E
Phyllanthus pentaphyllus var. floridanus Florida Five-petaled Leaf-flower	G4T2	S2	N	N
Podomys floridanus Florida Mouse	G3	S3	N	SSC
Polygala smallii Tiny Polygala	G1	S1	LE	E
Pteroglossaspis ecristata Giant Orchid	G2G3	S2	N	T
Roystonea elata Florida Royal Palm	G2G3	S2	N	E
Sceloporus woodi Florida Scrub Lizard	G2G3	S2S3	N	N
Scrub	G2	S2	N	N
Selaginella eatonii Eaton's Spike Moss	G2G3	S2	N	E
Swietenia mahagoni West Indies Mahogany	G3G4	S3	N	T

Trichechus manatus West Indian Manatee	G2	S2	LE	FE
<i>Trichomanes punctatum ssp. floridanum</i> Florida Filmy Fern	G4G5T1	S1	E	E

Disclaimer

The data maintained by the Florida Natural Areas Inventory represent the single most comprehensive source of information available on the locations of rare species and other significant ecological resources statewide. However, the data are not always based on comprehensive or site-specific field surveys. Therefore, this information should not be regarded as a final statement on the biological resources of the site being considered, nor should it be substituted for on-site surveys. FNAI shall not be held liable for the accuracy and completeness of these data, or opinions or conclusions drawn from these data. FNAI is not inviting reliance on these data. Inventory data are designed for the purposes of conservation planning and scientific research and are not intended for use as the primary criteria for regulatory decisions.

Unofficial Report

These results are considered unofficial. FNAI offers a [Standard Data Request](#) option for those needing certifiable data.

APPENDIX C

**State Historic Preservation Office Concurrence Letter (To Be Included
Upon Receipt)**

APPENDIX D

Public Information Meeting Flyer



Lindell Boulevard/SW 10th Avenue Roadway Improvements

SW 10th Ave. from Linton Blvd. to Lindell Blvd.
Lindell Blvd. from SW 10th Ave. to Dixie Hwy.

Public Information Meeting

The City's Public Works Department is holding a Public Information Meeting to discuss the status of the Lindell Blvd./SW 10th Ave. Roadway Improvements project.

5:30 PM to 7:00 PM, Thursday, August 11, 2022

Swinton Operations Center, 434 South Swinton Avenue, Delray Beach



City Project No. 17-074
LAP Project FM No. 441533-1-58-01
City of Delray Beach
www.mydelraybeach.com

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status. Persons who require special accommodations under the Americans with Disabilities Act (ADA) or persons who require translation services (free of charge) should contact:

Jason Kaufman, P.E. at 561-243-6235 or kaufmanj@mydelraybeach.com

APPENDIX E

Statewide Transportation Improvement Program (STIP) Details



Web Application

Federal Aid Management Cynthia Lorenzo - Director

STIP Project Detail and Summaries Online Report

** Repayment Phases are not included in the Totals **

Selection Criteria	
Approved STIP Financial Project:441533 1 As Of:7/1/2021	Detail Related Items Shown

HIGHWAYS							
Item Number: 441533 1	Project Description: LINDELL BLVD FROM SR-5/US-1/FEDERAL HWY TO SW 10TH AVE						
District: 04	County: PALM BEACH	Type of Work: BIKE LANE/SIDEWALK				Project Length: 0.579MI	
Extra Description: 2022 TPA PRIORITY #17-2-LI ALSO INCLUDES SW 10TH AVE. FROM LINDELL BLVD. TO LINTON BLVD LAP W/ CITY OF DELRAY BEACH							
		Fiscal Year					
Phase / Responsible Agency	<2022	2022	2023	2024	2025	>2025	All Years
PRELIMINARY ENGINEERING / MANAGED BY FDOT							
Fund Code: SU-STP, URBAN AREAS > 200K	2,253	2,747					5,000
CONSTRUCTION / MANAGED BY CITY OF DELRAY BEACH							
Fund Code: LF-LOCAL FUNDS			9,648,344				9,648,344
SU-STP, URBAN AREAS > 200K			2,495,000				2,495,000
Phase: CONSTRUCTION Totals			12,143,344				12,143,344
Item: 441533 1 Totals	2,253	2,747	12,143,344				12,148,344
Project Totals	2,253	2,747	12,143,344				12,148,344
Grand Total	2,253	2,747	12,143,344				12,148,344