#### AGENDA ENVIRONMENTAL STEWARDSHIP COMMITTEE MEETING June 23, 2022 10:00 a.m.

#### Meeting location: Central Florida Expressway Authority 4974 ORL Tower Road Orlando, FL 32807 Pelican Conference Room

#### A. CALL TO ORDER

#### **B. PUBLIC COMMENT**

Pursuant to Section 286.0114, Florida Statutes and CFX Rule 1-1.011, the Environmental Stewardship Committee provides for an opportunity for public comment at the beginning of each regular meeting. The Public may address the Committee on any matter of public interest under the Committee's authority and jurisdiction, regardless of whether the matter is on the Committee's agenda but excluding pending procurement issues. Public Comment speakers that are present and have submitted their completed Public Comment form to the Recording Secretary at least 5 minutes prior to the scheduled start of the meeting will be called to speak. Each speaker shall be limited to 3 minutes. Any member of the public may also submit written comments which, if received during regular business hours at least 48 hours in advance of the meeting, will be included as part of the record and distributed to the Committee members in advance of the meeting.

C. APPROVAL OF FEBRUARY 17, 2022 ENVIRONMENTAL STEWARDSHIP COMMITTEE MEETING MINUTES (action item)

#### D. AGENDA ITEMS

- 1. ENVIRONMENTAL STEWARDSHIP COMMITTEE CHARTER Laura Kelley, Executive Director (info item)
- 2. MAY 12, 2022 RESOLUTION OF SUPPORT TO INCREASE THE PROTECTION OF CONSERVATION LANDS WITHIN CENTRAL FLORIDA PROPOSED BY BOARD MEMBER COMMISSIONER LEE CONSTANTINE – Laura Kelley, Executive Director (info item)
- 3. SR 516 LAKE/ORANGE EXPRESSWAY UPDATE Laura Kelley, Executive Director (action item)
- 4. FY 2023 THROUGH 2027 FIVE-YEAR WORK PLAN Dana Chester, Director of Engineering (info item)
- E. OTHER BUSINESS
- F. ADJOURNMENT

This meeting is open to the public.

Section 286.0105, Florida Statutes states that if a person decides to appeal any decision made by a board, agency, or commission with respect to any matter considered at a meeting or hearing, they will need a record of the proceedings, and that, for such purpose, they may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

Persons who require translation services, which are provided at no cost, should contact CFX at (407) 690-5000 x5316 or by email at <u>Iranetta.Dennis@cfxway.com</u> at least three (3) business days prior to the event.

In accordance with the Americans with Disabilities Act (ADA), if any person with a disability as defined by the ADA needs special accommodations to participate in this proceeding, then they should contact the Central Florida Expressway Authority at (407) 690-5000 no later than two (2) business days prior to the proceeding.

Please note that participants attending meetings held at the CFX Headquarters Building are subject to certain limitations and restrictions in order to adhere to the CDC guidelines and to ensure the safety and welfare of the public.

C. **APPROVAL OF** FEBRUARY 17, 2022 **ENVIRONMENTAL STEWARDSHIP** COMMITTEE **MEETING MINUTES** 

#### CENTRAL FLORIDA EXPRESSWAY AUTHORITY

DRAFT MINUTES ENVIRONMENTAL STEWARDSHIP COMMITTEE MEETING February 17, 2022

Location: Central Florida Expressway Authority 4974 ORL Tower Road, Orlando, FL 32807 Pelican Conference Room

Committee Members Present: Timothee Sallin, Lake County Representative, Committee Chairman Beth Jackson, Orange County Representative Charles Lee, Citizen Representative Robert Mindick, Osceola County Representative Brittany Sellers, City of Orlando Representative Richard Durr, Seminole County Representative

<u>Committee Member Participating by Phone:</u> Jim Barfield, Brevard County Representative

<u>Staff Present:</u> Laura Kelley, Executive Director Rita Moore, Recording Secretary/Executive Administrative Coordinator Diego "Woody" Rodriguez, General Counsel Glenn Pressimone, Chief of Infrastructure Bryan Homayouni, Director of Intelligent Transportation Systems

#### A. CALL TO ORDER

The meeting was called to order at approximately 10:05 am by Chairman Sallin.

#### B. PUBLIC COMMENT

Ms. Rita Moore, Recording Secretary announced there was no public comment.

There were no written public comments received by the deadline.

#### C. <u>APPROVAL OF THE AUGUST 19, 2021 MEETING MINUTES</u>

A motion was made by Ms. Jackson and seconded by Mr. Mindick to approve the August 19, 2021 minutes as presented. The motion carried unanimously with five (5) committee members in attendance voting AYE by voice vote. One (1) committee member, Mr. Barfield voting AYE by phone. Mr. Lee was not present.

#### D. AGENDA ITEMS

#### 1. SR 538 POINCIANA PARKWAY EXTENSION DESIGN UPDATE

Mr. Carnot Evans of Dewberry Engineers, Inc. and Ms. Nicole Gough of Dewberry Engineers, Inc. presented the SR 538 Poinciana Parkway Extension Design Update. He presented the regional project, the history and background of the of the project from 2018 -2020, and other studies and design projects. He detailed Project, Development, and Environmental (PD&E) study alternatives, the preferred alternative, public involvement, and stakeholder outreach.

Mr. Lee arrived at 10:14 am

Mr. Evans detailed two (2) design segments for SR 538. Segment 1 (538-234) US 17/92 to Ronald Reagan Parkway and Segment 2 (538-235) CR 532 to US 17/92.

Ms. Gough discussed the South Florida Water Management District involvement, permitting updates and permitting jurisdiction. She detailed the wetland impacts, mitigation, wildlife connectivity, and wildlife and listed species for the project.

Committee members asked questions which were answered by Mr. Evans and Ms. Gough.

Mr. Mindick recommended that the committee vote on the preferred alternatives.

Discussion ensued regarding voting on an item listed on the agenda as an info item.

Mr. Woody Rodriguez, General Counsel stated because this meeting has been publicly noticed and this item is on the agenda the committee can vote on this item, even with it being noticed as an info item and not an action item, if the committee feels they have enough information.

A motion was made by Mr. Mindick and seconded by Mr. Lee to recommend to the Board the consensus of the 90% design phase on Segment 1 of the SR 538 Poinciana Parkway Extension Design Update as presented with the following additional Comments: (i) the Committee recommends the wildlife crossings are extended into the uplands."...one of them is actually going to be extending it into the uplands in the South and the North side, it's going to be creating that upland area to link to it, but with the caveat that it be restored with soils and vegetation to be a viable upland habitat."; (ii) the other element was that there be careful examination of the possibility of the acquisition of that private tract as an element of the mitigation. The motion carried unanimously with six (6) members in attendance voting AYE by voice vote. One (1) member Mr. Barfield voting AYE by phone.

#### 2. SR 516 LAKE/ORANGE EXPRESSWAY UPDATE

Ms. Nicole Gough of Dewberry Engineers, Inc. and Mr. Keith Jackson of Dewberry Engineers, Inc. presented the State Road 516 Lake/Orange Expressway Update. Mr. Jackson presented the design phase. He detailed SR 516 and bike trail and permitting jurisdiction. He outlined segment 1 and segment 2 as well as sustainability projects and in-pavement charging system.

Ms. Gough detailed permitting, permitting jurisdiction, floodplain, wetland impacts, and mitigation. She listed the wildlife and listed species. She presented wildlife corridor considerations, and wildlife underpass.

The Committee Members asked questions which were answered by Ms. Gough.

Discussion ensued on mitigation strategies for both wetlands and uplands, retention walls and burying the power lines.

Additional questions were asked by the Committee Members which were answered by Mr. Pressimone, Mr. Jackson, and Ms. Kelley.

(This item was presented for information only. No committee action was taken.)

#### 3. SUSTAINABILITY AND ENVISION PROCESS UPDATE

Mr. Bryan Homayouni and Mr. James Heeren of Dewberry Engineers, Inc. presented the Sustainability and Envision Process Update. Mr. Homayouni reiterated the findings of the sustainability study. He discussed the ongoing and completed sustainability projects from the FY 2022- 2026 Work plan on our CFX systems and the sustainability improvements we've made to CFX Headquarters.

Mr. Heeren outlined the principles of sustainability, filling the gap, and improving infrastructure integration. He explained the types of infrastructure, the ISI Envision™ Sustainability Rating System, performance and pathway contribution, strategies for changing the industry, recognizing innovation. He detailed the Envision™ Rating System, Envision™ structure, v3 Pre-Assessment Checklist, documentation needs process, and sustainable project elements.

The Committee Members asked questions which were answered by Mr. Pressimone and Mr. Homayouni.

Discussion ensued regarding the envision rating system process.

A motion was made by Mr. Mindick and seconded by Mr. Lee to recommend to the board that CFX pursue the Envision Sustainability Rating System for all new alignment projects. The motion carried unanimously with six (6) members present voting AYE by voice vote and one (1) member Mr. Barfield voting by phone.

#### E. OTHER BUSINESS

Mr. Mindick and Chairman Sallin requested a CFX landscaping presentation at an upcoming meeting from Chris Bloodwell, CFX Landscape Architect to include design, maintenance, funding, and contracts.

Chairman Sallin announced that the next Environmental Stewardship Committee meeting is scheduled for April 28<sup>th</sup>, 2022 at 10:00 a.m.

#### F. ADJOURNMENT

Chairman Sallin adjourned the meeting at 12:18 p.m.

Minutes approved on \_\_\_\_\_, 2022.

Pursuant to the Florida Public Records Law and CFX Records Management Policy, audio tapes of all Board and applicable Committee meetings are maintained and available upon request to the Records Management Liaison Officer at <u>publicrecords@CFXway.com</u> or 4974 ORL Tower Road, Orlando, FL 32807.

# D.1 ENVIRONMENTAL STEWARDSHIP COMMITTEE CHARTER

#### CENTRAL FLORIDA EXPRESSWAY AUTHORITY —

#### CENTRAL FLORIDA EXPRESSWAY AUTHORITY BOARD ENVIRONMENTAL STEWARDSHIP COMMITTEE CHARTER

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#### CENTRAL FLORIDA EXPRESSWAY AUTHORITY BOARD ENVIRONMENTAL STEWARDSHIP COMMITTEE CHARTER

#### I. PURPOSE

The Environmental Stewardship Committee's primary function is to assist the CFX Board in fulfilling its responsibilities by making recommendations regarding the protection of the natural environment through conservation and sustainable practices.

#### **II. RESPONSIBILITIES**

The Environmental Stewardship Committee is responsible for evaluating and providing recommendations to the Executive Director, Chief of Infrastructure and the CFX Board regarding projects and programs designed to support the responsible use and protection of the natural environment through conservation and sustainable practices.

#### **III. ORGANIZATION**

The Environmental Stewardship Committee shall be composed of the following voting members:

- 1. Orange County staff member or citizen representative appointed by the Orange County Commission or in accordance with Orange County's policies providing for appointments to other governmental agencies;
- 2. City of Orlando staff member or citizen representative appointed by the City of Orlando Commission or in accordance with the City of Orlando's policies providing for appointments to other governmental agencies;
- 3. Lake County staff member or citizen representative appointed by Lake County Commission or in accordance with Lake County's policies providing for appointments to other governmental agencies;
- 4. Osceola County staff member or citizen representative appointed by the Osceola County Commission or in accordance with Osceola County's policies providing for appointments to other governmental agencies;
- 5. Seminole County staff member or citizen representative appointed by the Seminole County Commission or in accordance with Seminole County's policies providing for appointments to other governmental agencies;
- 6. Brevard County staff member or citizen representative appointed by the Brevard County Commission or in accordance with Brevard County's policies providing for appointments to other governmental agencies; and
- 7. Up to three (3) citizen representatives appointed by the CFX governing Board after receiving nominations submitted by the gubernatorial Board appointees. The term for such appointments shall be for two years commencing upon appointment which term may be renewed One nomination per gubernatorial appointee is allowed, but it shall not be mandatory that nominations be made.

Committee member appointments may not be delegated. The Committee members will serve at the pleasure of their respective jurisdictions. County and City appointments may include contract personnel currently providing services to the appointing entity. Notwithstanding the two-year term, the citizen representatives shall serve at the pleasure of the CFX Board.

Committee members should have expertise in environmental protection, conservation and restoration practices and/or sustainability programs.

#### **IV. CHAIRMAN SELECTION**

The Environmental Stewardship Committee will be chaired on an annual, rotating basis beginning April 1, 2020, in the following order:

- a.) Osceola County Representative
- b) Lake County Representative
- c.) One of the Citizen Representatives
- d.) Orange County Representative
- e.) Brevard County Representative
- f.) Seminole County Representative
- g.) City of Orlando Representative

The Environmental Stewardship Committee Chair shall serve as the Board Liaison and may be requested to attend CFX Board meetings.

In the event there is no available representative from the entity assigned to serve the role of Chairman, the next scheduled representative shall serve a one-year term with regular order of succession to resume thereafter.

#### V. SUPPORT STAFF

The Central Florida Expressway Authority Chief of Infrastructure or a designee determined by the Executive Director shall serve as an advisor to the Committee and may retain independent consultants to assist in the conduct of CFX responsibilities, subject to CFX's procurement policy and budget.

#### VI. MEETINGS

The Environmental Stewardship Committee shall meet as required to adequately fulfill Committee responsibilities. Meetings may be called by the Executive Director or Chief of Infrastructure.

An agenda will be prepared by the Executive Director and the Chief of Infrastructure and will be provided in advance to members, along with appropriate briefing materials. Public notice shall be provided in accordance with state law.

Committee recommendations shall be submitted to the Board for approval. Final committee meeting minutes shall be submitted to the Board for information.

#### VII. QUORUM

If all three gubernatorial Board members make nominations and the Board approves the appointments, the Committee shall consist of nine members and a quorum shall be five members present. If only two appointments are made the Committee shall consist of eight members and a quorum shall be five members present. If only one appointment is made the Committee shall consist of seven members and a quorum shall be four members present. In order for any action or recommendation to pass there must be a majority affirmative vote of the quorum based on the then current composition of the Committee.

Due to scheduling conflicts or illness a Committee Member may appear by telephone and vote on agenda items where a quorum is physically present not to exceed three meetings per calendar year. The participating absent member must be able to hear all participants in the meeting and be heard by all participants. In the event of continued absenteeism, the Environmental Stewardship Committee Chairman may recommend that the Board make alternate appointments.

# **D.2**

MAY 12, 2022 RESOLUTION **OF SUPPORT TO INCREASE** THE PROTECTION OF **CONSERVATION LANDS** WITHIN CENTRAL FLORIDA **PROPOSED BY BOARD** MEMBER COMMISSIONER LEE

Resolution # 2022-427 Resolution of Support

#### CENTRAL FLORIDA EXPRESSWAY AUTHORITY RESOLUTION OF SUPPORT

The Central Florida Expressway Authority ("CFX"), an agency of the State of Florida, created by Part III of Chapter 348, Florida Statutes, hereby adopts this Resolution of Support on May 12, 2022 to increase the protection of conservation lands within the Central Florida region.

WHEREAS, the 1,689 acre area known as the Split Oak Forest Wildlife and Environmental Area ("Split Oak") was created via a Grant Award Agreement dated March 29, 1994 among Osceola County, Orange County, and the Florida Communities Trust ("FCT"); and

WHEREAS, the Grant Award Agreement provides that Split Oak is managed for "the conservation, protection and enhancement of natural and historical resources and passive, natural resource-based public outdoor recreation which is compatible with the conservation, protection and enhancement of Split Oak"; and

WHEREAS, the Florida Fish and Wildlife management plan for Split Oak includes goals of maintaining, designing, and developing miles of designated trails and undesignated trails within Split Oak and linking such trails with adjacent public areas, including trails for the Florida National Scenic Trail; and

WHEREAS, after careful and extensive consideration of routes for CFX's Osceola Parkway Extension ("Expressway"), the Split Oak Minimization Alternative was chosen as the preferred route, which includes 1.3 miles of the proposed Expressway crossing through Osceola County's southern corner of Split Oak; and

WHEREAS, the overall plan for the Expressway easement includes a donation of approximately 968 additional acres of conservation land in Orange County and 582 additional acres of conservation land in Osceola County, totaling approximately 1,550 acres of additional conservation land generally to the east of Split Oak; and

WHEREAS, this additional 1,550 acres of donated land provides more connectivity to existing preservation lands and helps provide a buffer for Split Oak and other contiguous conservation land; and

WHEREAS, on April 20, 2022, the FCT approved Orange and Osceola Counties request to modify the Split Oak Management Plan for a linear facility to allow for CFX's proposed Expressway; and

WHEREAS, CFX agrees to set up and fund an escrow account to finance the restoration and 30 years of maintenance for the 1,550 acres of donated land to help ensure the success of the restoration of the donated land; and

Resolution #2022-427 Resolution of Support

WHEREAS, CFX supports granting a conservation and preservation easement across Split Oak and the 1,550 acres of donated land; and

WHEREAS, CFX supports granting an easement to the Florida National Scenic Trail within Split Oak and the 1,550 acres of donated land to support the mission of developing, maintaining, protecting, and promoting a network of hiking trails throughout the state; and

WHEREAS, CFX supports restricting the ability to widen the easement for the Expressway after the initial construction of the Expressway; and

WHEREAS, CFX supports the creation of wildlife crossings and is committed to working with Florida Wildlife Corridors to provide for large wildlife crossings under the Expressway in Split Oak; and

WHEREAS, CFX recognizes the importance for the periodic prescribed burns for conservation and preservation and supports alerting the traveling public of such activities.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE CENTRAL FLORIDA EXPRESSWAY AUTHORITY AS FOLLOWS:

- CFX will not request a widening of the easement after the initial construction of the Expressway.
- CFX supports granting a conservation and preservation easement across Split Oak and the 1,550 acres of donated land to a qualified land conservancy organization.
- CFX agrees to fund restoration to meet the criteria identified in an independent management plan and will fund the maintenance for a 30-year period for the 1,550 acres of donated land. Restoration and maintenance costs is estimated to be approximately +/-\$13 million net present value.
- CFX supports the efforts of Florida Fish and Wildlife and other land management agencies to assure that gopher tortoise mitigation easement areas within the 160 acres impacted by the Osceola Expressway Extension project are replaced with areas suitable for gopher tortoise habitat contiguous to and linked in a corridor to Split Oak.
- CFX supports the grant of an easement to the Florida Trail Association to promote, develop and maintain a network of hiking trails through Split Oak and the 1,550 acres of donated land with some allowances for dog friendly trails.
- CFX agrees to provide substantial bridged wildlife crossings along the 1.3 mile Expressway through Split Oak in Osceola County; using the Wekiva Parkway wildlife crossings as a model for this project.

**Resolution #** 2022-427 **Resolution of Support** 

- CFX will advocate for the expansion of wildlife corridors to provide more wildlife connectivity to other preservation lands in the area based on the 2021 Florida Ecological Greenways Network.
- CFX will erect appropriate signage and warning signals along the expressway for the periodic prescribed burns necessary for the conservation and preservation of Split Oak and will coordinate with the appropriate agencies to alert the traveling public of prescribed burns in the area when necessary.

This Resolution was approved and adopted by the Central Florida Expressway Authority on May 12, 2022.

> CENTRAL FLORIDA **EXPRESSWAY AUTHORITY**

By:

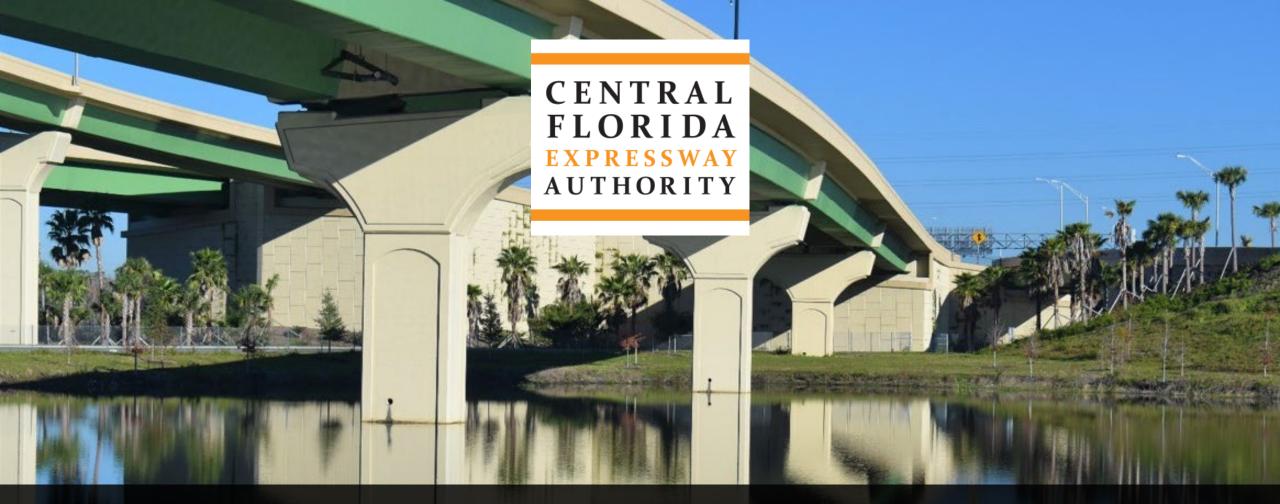
Ma Mimi Lamaute Board Services Coordinator

Approved as to form and legality by legal counsel to the Central Florida Expressway Authority on this ay of May 2022 for its exclusive use and reliance.

By: Voodv odrigue General Counsel

Sean Parks, Chairman

# D.3 SR 516 LAKE/ ORANGE EXPRESSWAY UPDATE



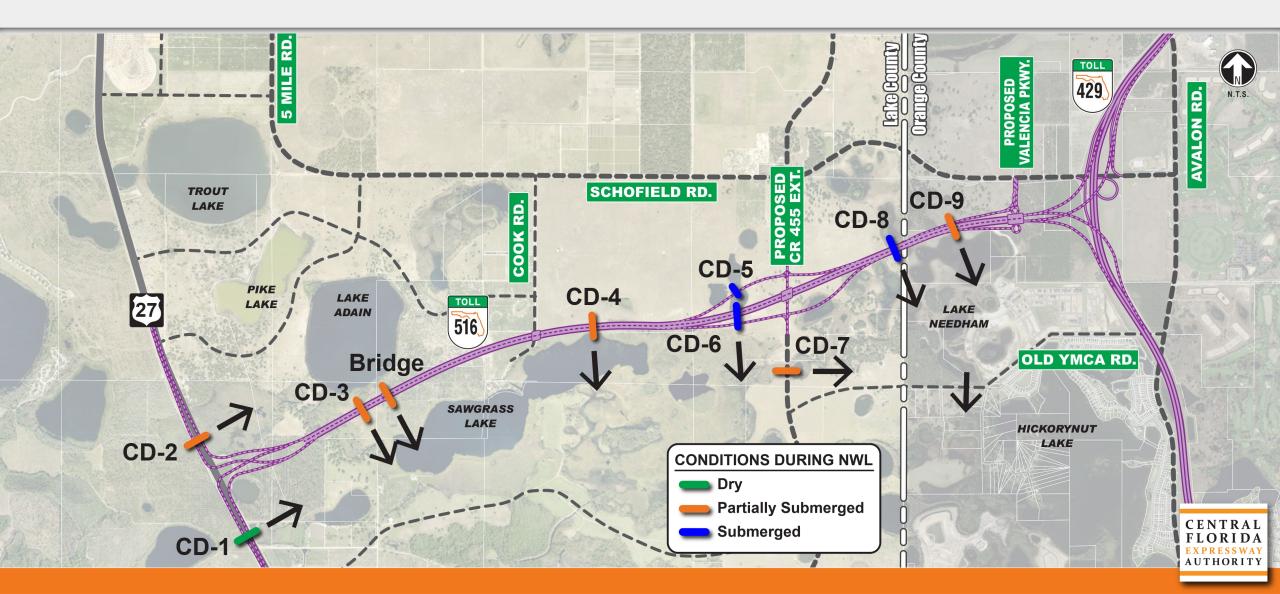
### SR 516 LAKE/ORANGE EXPRESSWAY UPDATE

Laura Kelley, Executive Director Glenn Pressimone, Chief of Infrastructure

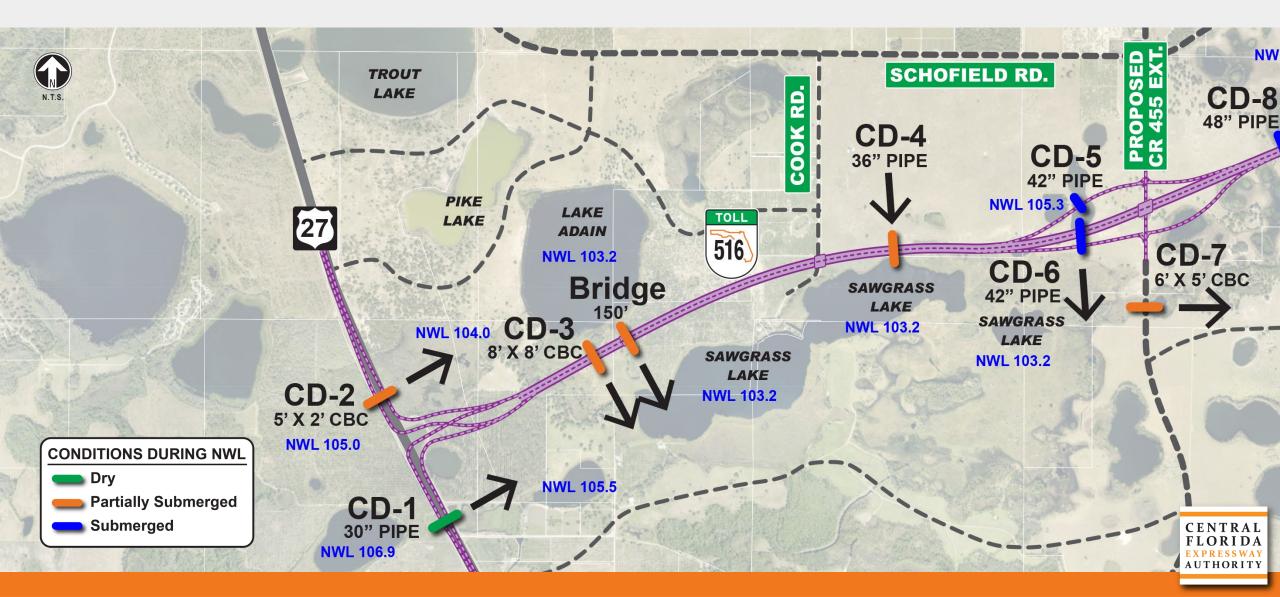
June 23, 2022



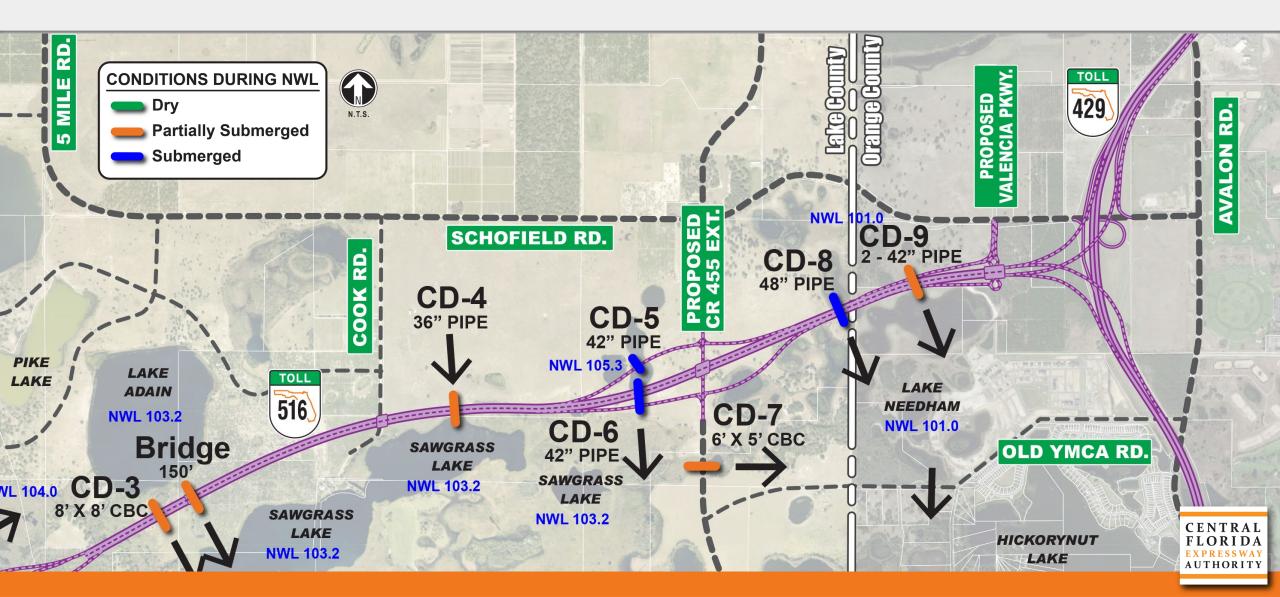
### **SR 516 Cross Drains**



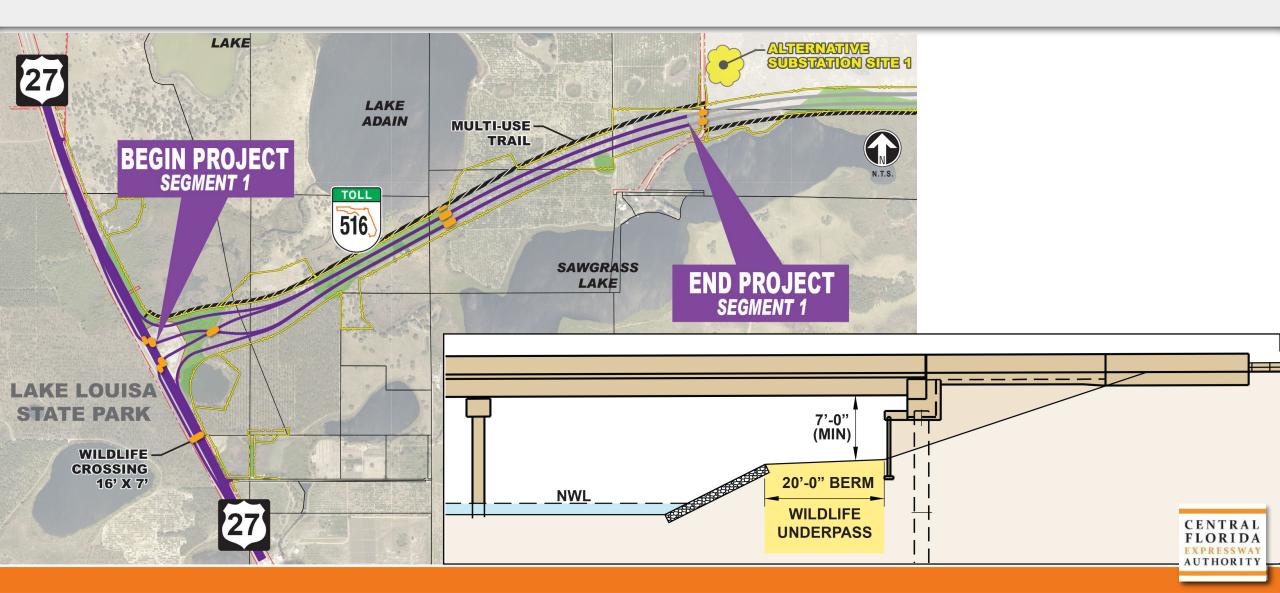
## **US 27 & Sawgrass Lake**



### Lake Needham



### **Wildlife Underpass**



# **Recommended Motion**

The Environmental Stewardship Committee supports the direction of the SR 516 Lake/Orange Expressway design elements as presented today.



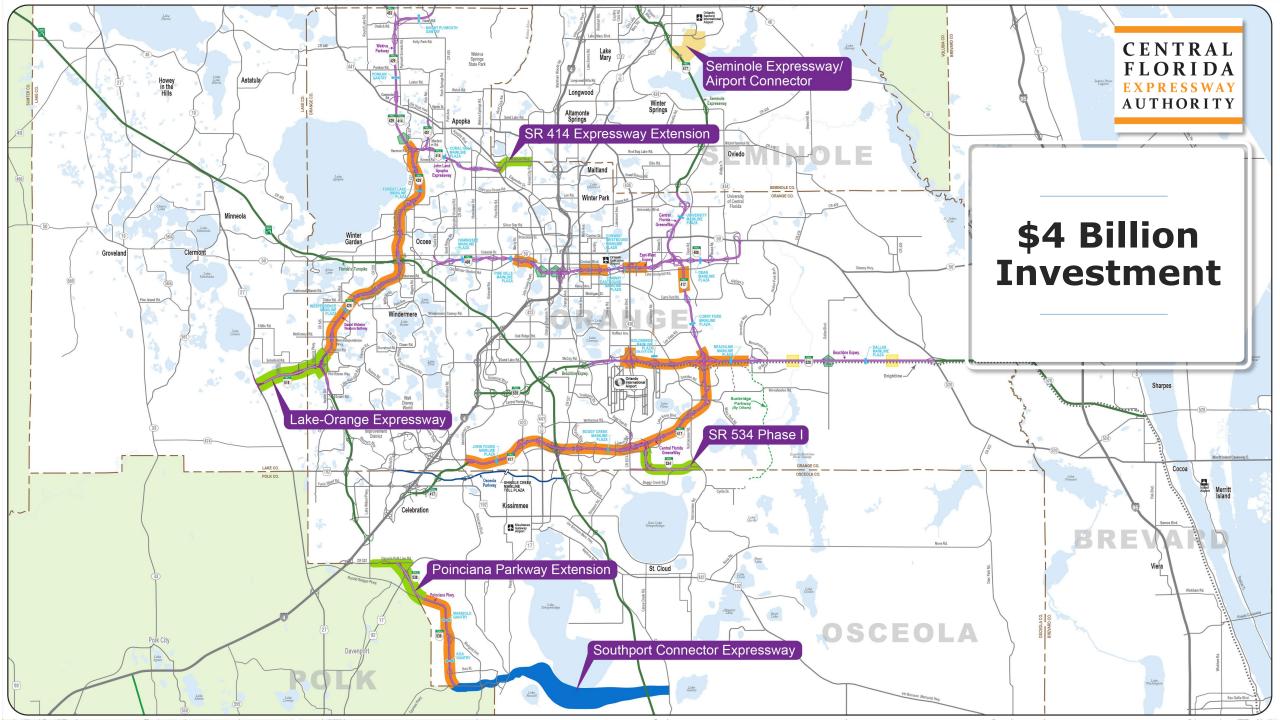
# **D.4 FY 2023** THROUGH 2027 FIVE-YEAR WORK PLAN



### FY 2023-27 FIVE-YEAR WORK PLAN

Dana Chester, Director of Engineering

June 23, 2022



# FY 2023-2027 Work Plan

Project Cost Summary (\$000's)	Fiscal Year					
Category	2022/23	2023/24	2024/25	2025/26	2026/27	Totals
Existing System Improvements	453,933	303,515	182,331	116,036	62,138	1,117,953
System Expansion Projects	76,007	313,884	551,582	747,958	644,941	2,334,372
Interchange Projects	11,743	28,891	47,408	71,840	80,070	239,952
Facilities Projects	15,023	14,278	18,949	10,210	8,850	67,310
<b>Transportation Technology Projects</b>	10,506	17,943	3,743	1,291	4,471	37,954
Information Technology Projects	29,050	10,206	13,203	2,420	2,420	57,299
Signing and Pavement Markings	9,570	13,087	2,011	4,211	2,529	31,408
<b>Renewal and Replacement Projects</b>	30,101	31,898	12,983	21,930	34,059	130,971
Landscape & Hardscape Projects	80	1,463	1,418	109	1,478	4,548
Non-System Projects	24	350	252	3,104	171	3,901
TOTALS	636,037	735,515	833,880	979,109	841,127	4,025,668

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

### Major Expansion Projects \$2.3 Billion

SR 538 Poinciana Parkway Extension

SR 516 Lake/Orange Expressway

SR 534 Phase I

SR 414 Expressway Extension



### Sustainability Projects FY 2023-2027 Work Plan

- Buildings
- Solar Deployments
- Roadways
- Total Capital Investment Estimated at \$25 Million





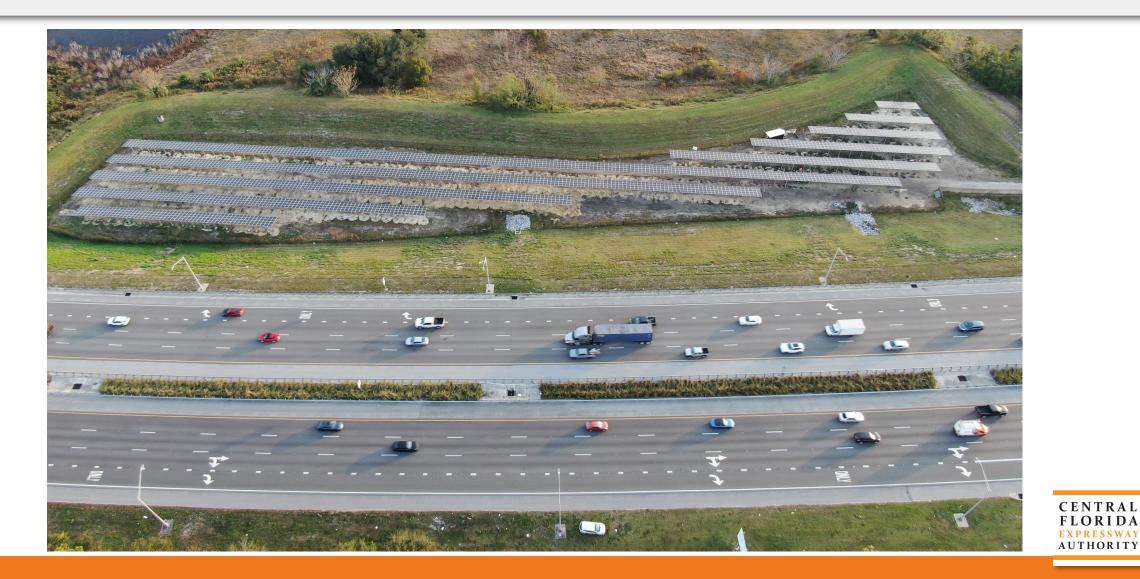
## **Buildings**

### **CFX Headquarters Energy Audit Update**

- HVAC System Upgrades and New Facilities Control
- Replacement of all LED Fixtures and Lights
- Replacing Existing Switches with Sensors



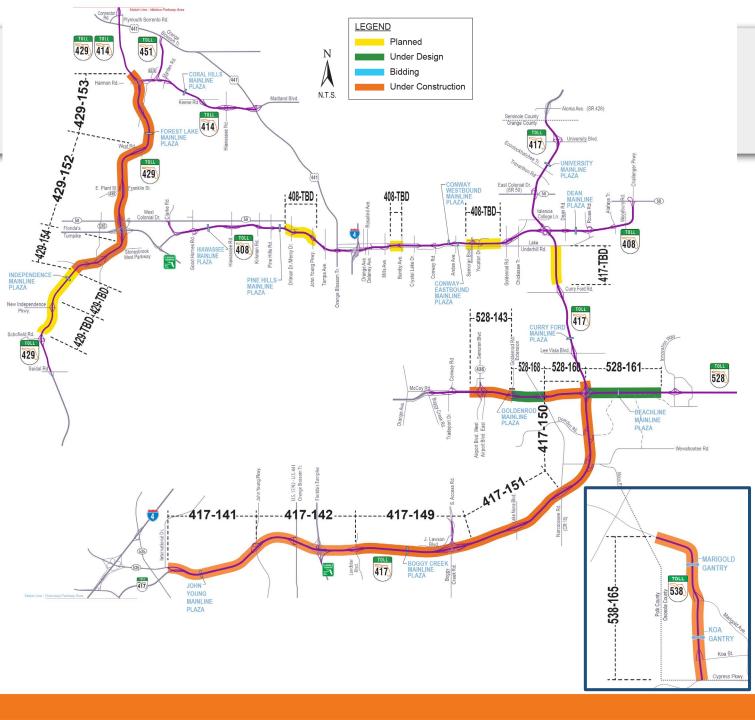
### **Solar Deployments**



### **Roadway Lighting**



- 40% of our Lighted System has LED Lights
- Entire system will have LED lights by 2027
- LAMS (Lighting Automated Management System)



### **Roadway Widenings**

- Capacity Improvements
  \$1.0+ Billion
- Widening Projects Lower Congestion
- Lowering Congestion Lowers Hydrocarbons



## Conclusion

- \$4.0 Billion Dollar Workplan is Largest in CFX History
- \$1.0 Billion Allocated for Capacity Improvements
- Tripled our Sustainability Projects Allocation





### CENTRAL FLORIDA EXPRESSWAY AUTHORITY