

An aerial photograph of a highway interchange. A multi-lane road runs horizontally across the middle of the frame. A road crosses it from the top, and another from the right. A white car is at the intersection, and a dark car is on the horizontal road. The background shows green fields, trees, and a small pond.

**CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY**

**State Road 516 (Lake-Orange Expressway)
Segments 1, 2 & 3 Design
Public Information Meetings
— February 20, 21, and 23, 2023 —**

Title VI Compliance



This meeting is being conducted without regard to race, color, national origin, age, sex, religion, disability or family status. Persons wishing to express their concerns relative to compliance by the Central Florida Expressway Authority (CFX) with Title VI may do so by contacting:

Colleen Shea
Public Information Officer
4974 ORL Tower Road
Orlando, FL 32807
407-802-3210
Construction@CFXway.com

All inquiries or complaints will be handled according to CFX procedure and in a prompt and courteous manner.

About CFX



- 125 Miles of Expressway
- Brevard, Lake, Orange, Osceola and Seminole Counties
- \$4 Billion 5-Year Work Plan

About CFX



Jerry Demings
Chairman
Orange County Mayor



Brandon Arrington
Vice Chairman
Osceola County Representative



Christopher Maier
Treasurer
Governor's Appointee



Buddy Dyer
Mayor of Orlando



Tom Goodson
Brevard County Representative



Andria Herr
Seminole County Representative



Jay Madara
Governor's Appointee



Rafael E. Martinez
Governor's Appointee



Christine Moore
Orange County Representative



Sean Parks
Lake County Representative

Mission

To build, operate and maintain a mobility network through accountability, fiscally sound practices and a community focus.

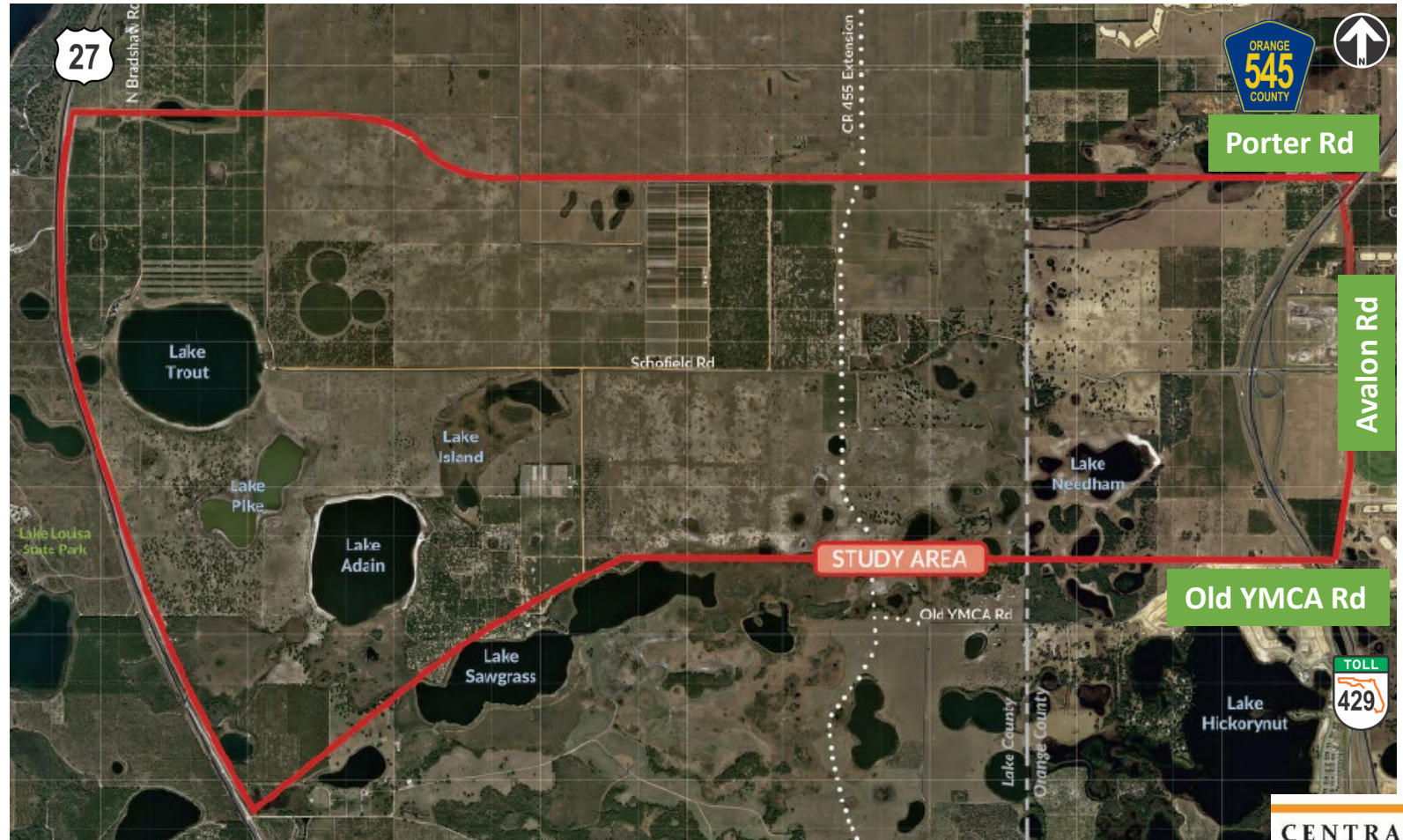
Vision

To provide the region with a world-class, integrated mobility network that drives economic prosperity and quality of life.

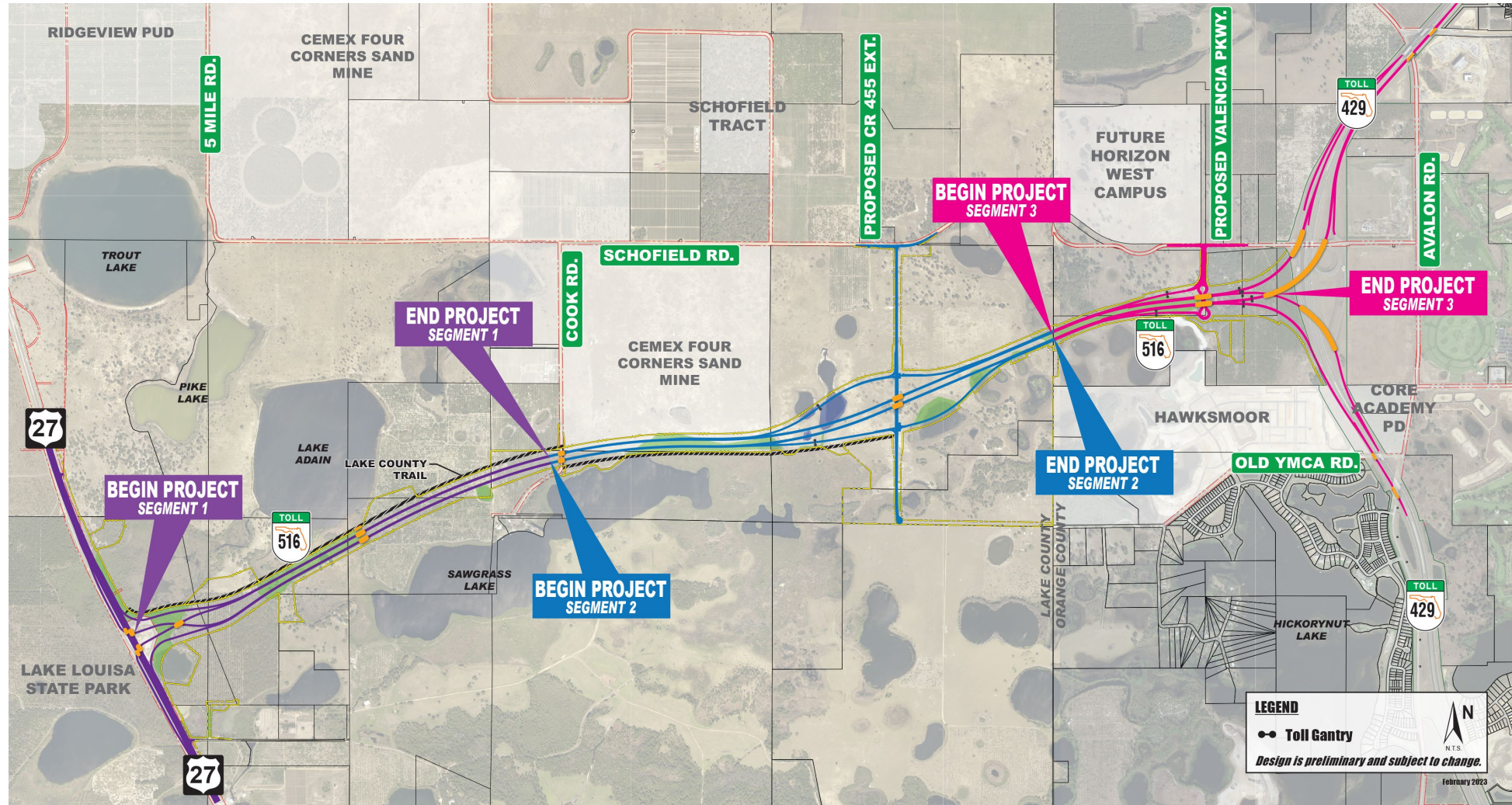
Purpose and Need



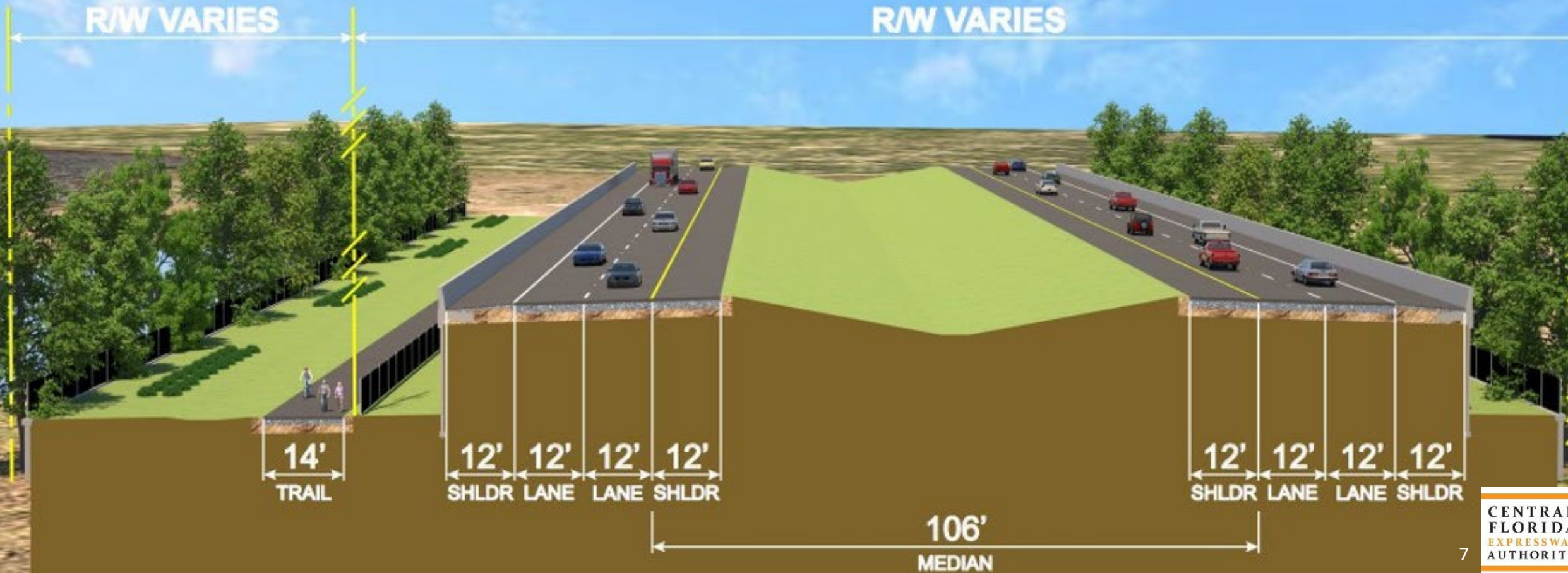
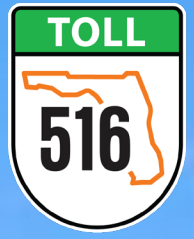
- Improve connectivity for Lake and Orange counties
- Meet anticipated traffic demand
- Support economic viability & job creation
- Increase intermodal opportunities
- Provide evacuation & emergency services



SR 516 Project Corridor



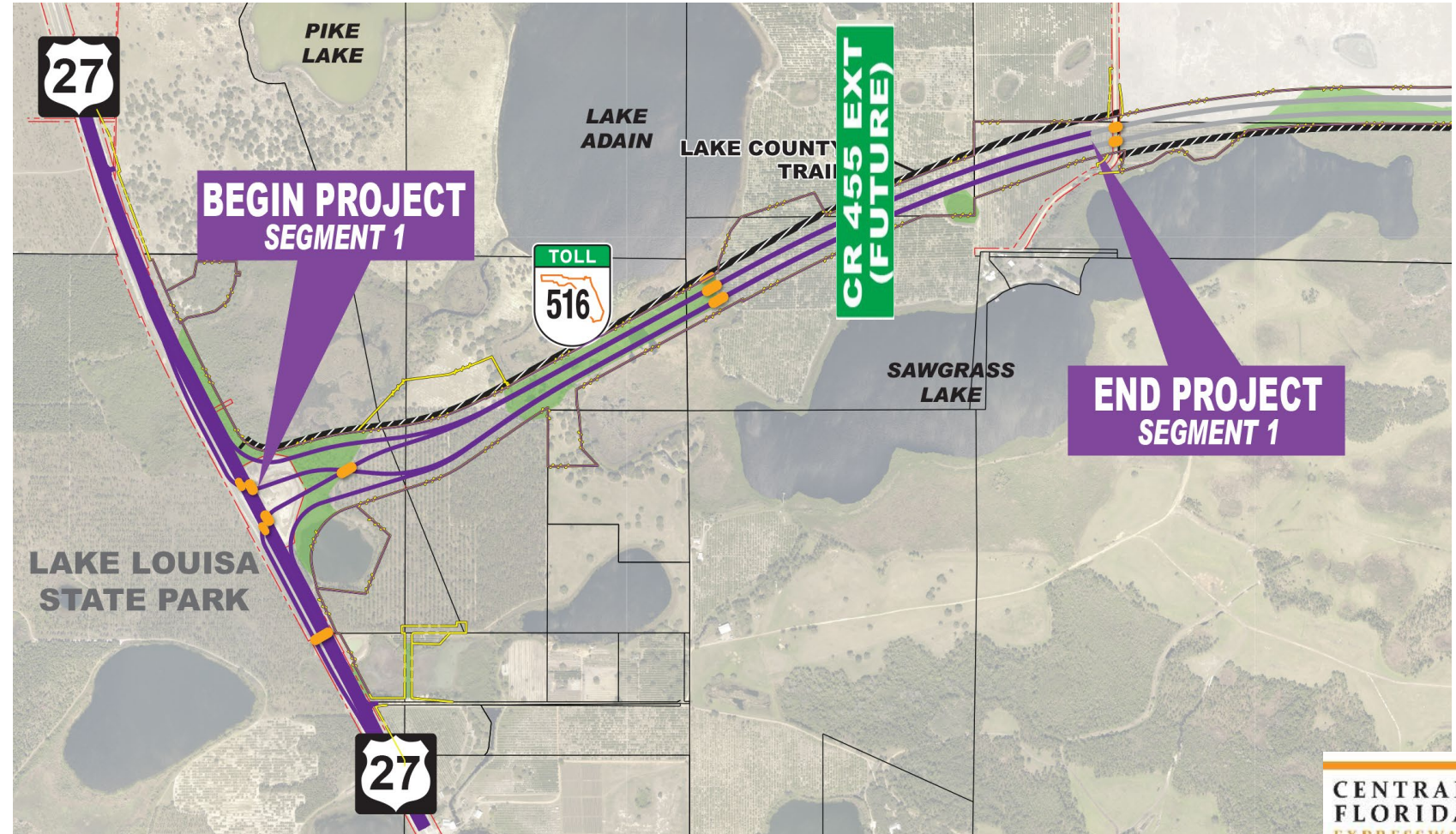
Proposed Typical Section - Expressway



Segment 1: US 27 to Cook Road



- New interchange at US 27
- Realignment of US 27 to avoid impacts to Lake Louisa State Park
- Access for Lake County Trail
- In-lane charging pilot



Interchange with US 27



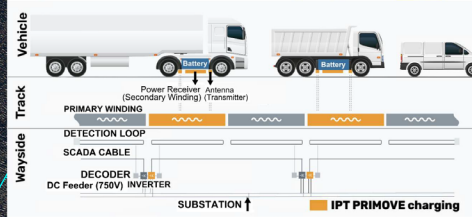
Proposed Lake County Trail



Wireless System Components

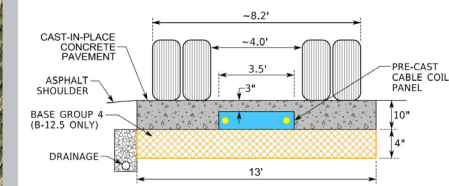


Dynamic Wireless Charging

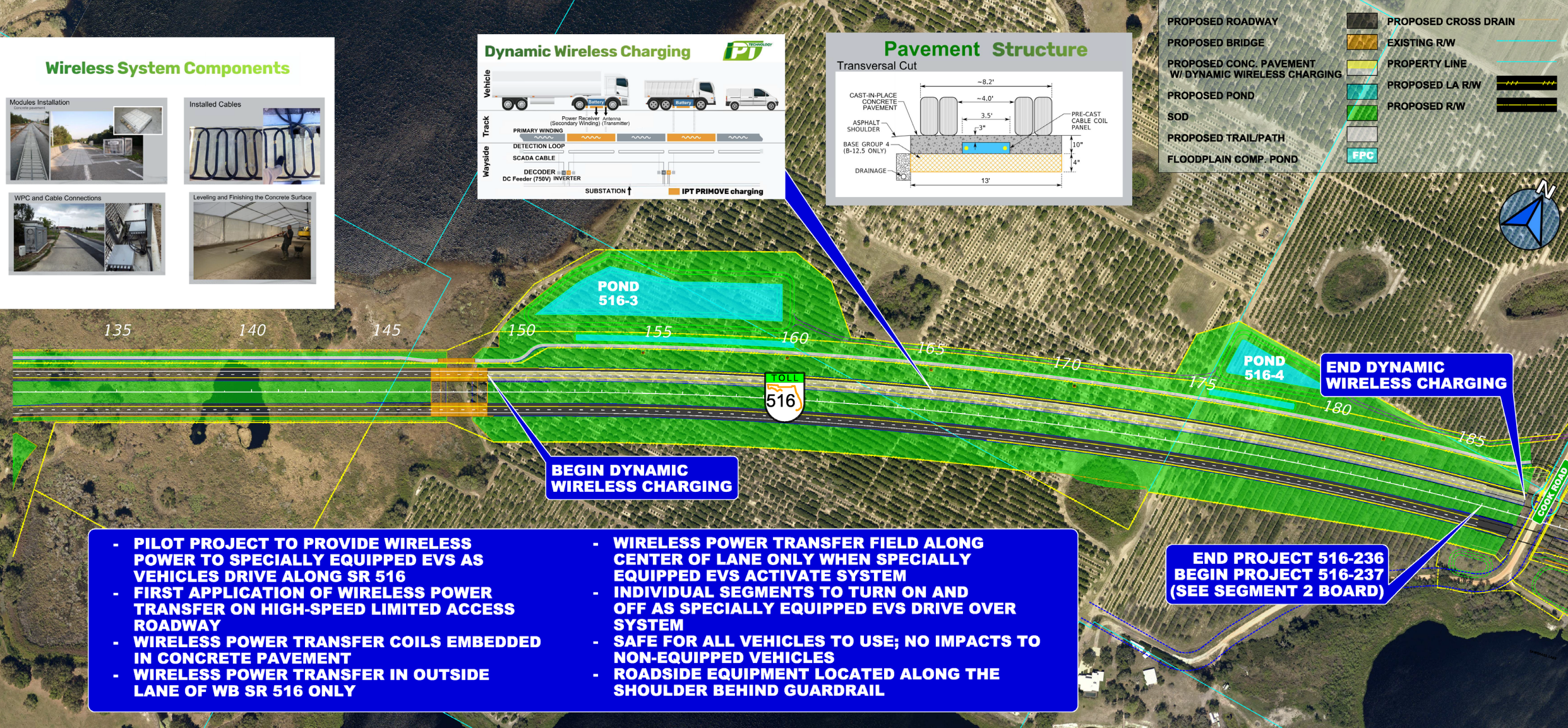


Pavement Structure

Transversal Cut



LEGEND	
PROPOSED ROADWAY	PROPOSED CROSS DRAIN
PROPOSED BRIDGE	EXISTING R/W
PROPOSED CONC. PAVEMENT W/ DYNAMIC WIRELESS CHARGING	PROPERTY LINE
PROPOSED POND	PROPOSED LA R/W
SOD	PROPOSED R/W
PROPOSED TRAIL/PATH	FPC
FLOODPLAIN COMP. POND	



- PILOT PROJECT TO PROVIDE WIRELESS POWER TO SPECIALLY EQUIPPED EVS AS VEHICLES DRIVE ALONG SR 516
- FIRST APPLICATION OF WIRELESS POWER TRANSFER ON HIGH-SPEED LIMITED ACCESS ROADWAY
- WIRELESS POWER TRANSFER COILS EMBEDDED IN CONCRETE PAVEMENT
- WIRELESS POWER TRANSFER IN OUTSIDE LANE OF WB SR 516 ONLY
- WIRELESS POWER TRANSFER FIELD ALONG CENTER OF LANE ONLY WHEN SPECIALLY EQUIPPED EVS ACTIVATE SYSTEM
- INDIVIDUAL SEGMENTS TO TURN ON AND OFF AS SPECIALLY EQUIPPED EVS DRIVE OVER SYSTEM
- SAFE FOR ALL VEHICLES TO USE; NO IMPACTS TO NON-EQUIPPED VEHICLES
- ROADSIDE EQUIPMENT LOCATED ALONG THE SHOULDER BEHIND GUARDRAIL

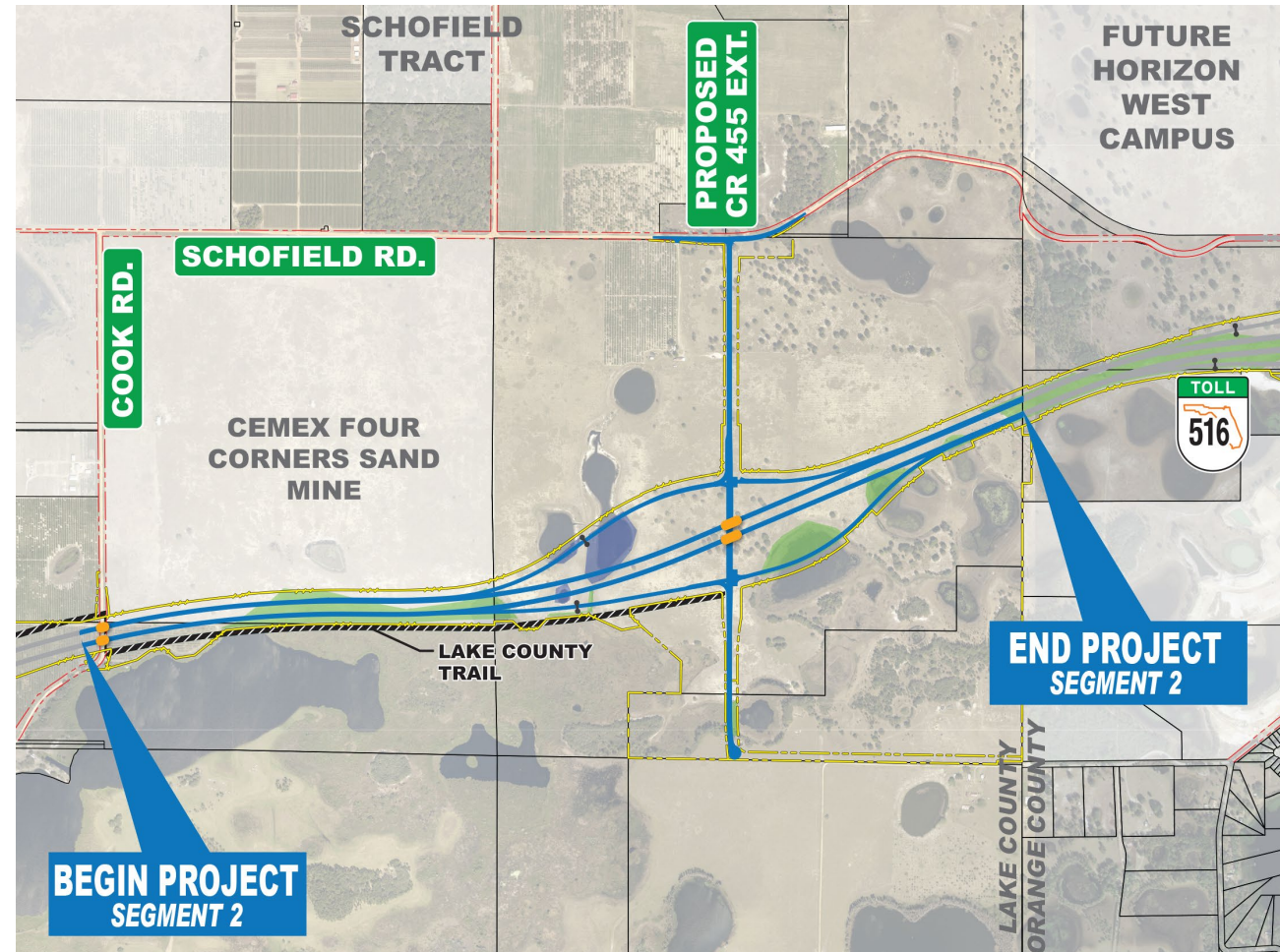
PILOT IN-PAVEMENT DYNAMIC WIRELESS CHARGING



Segment 2: Cook Road to Lake/Orange County Line



- Interchange at CR 455
- Lake County Trail



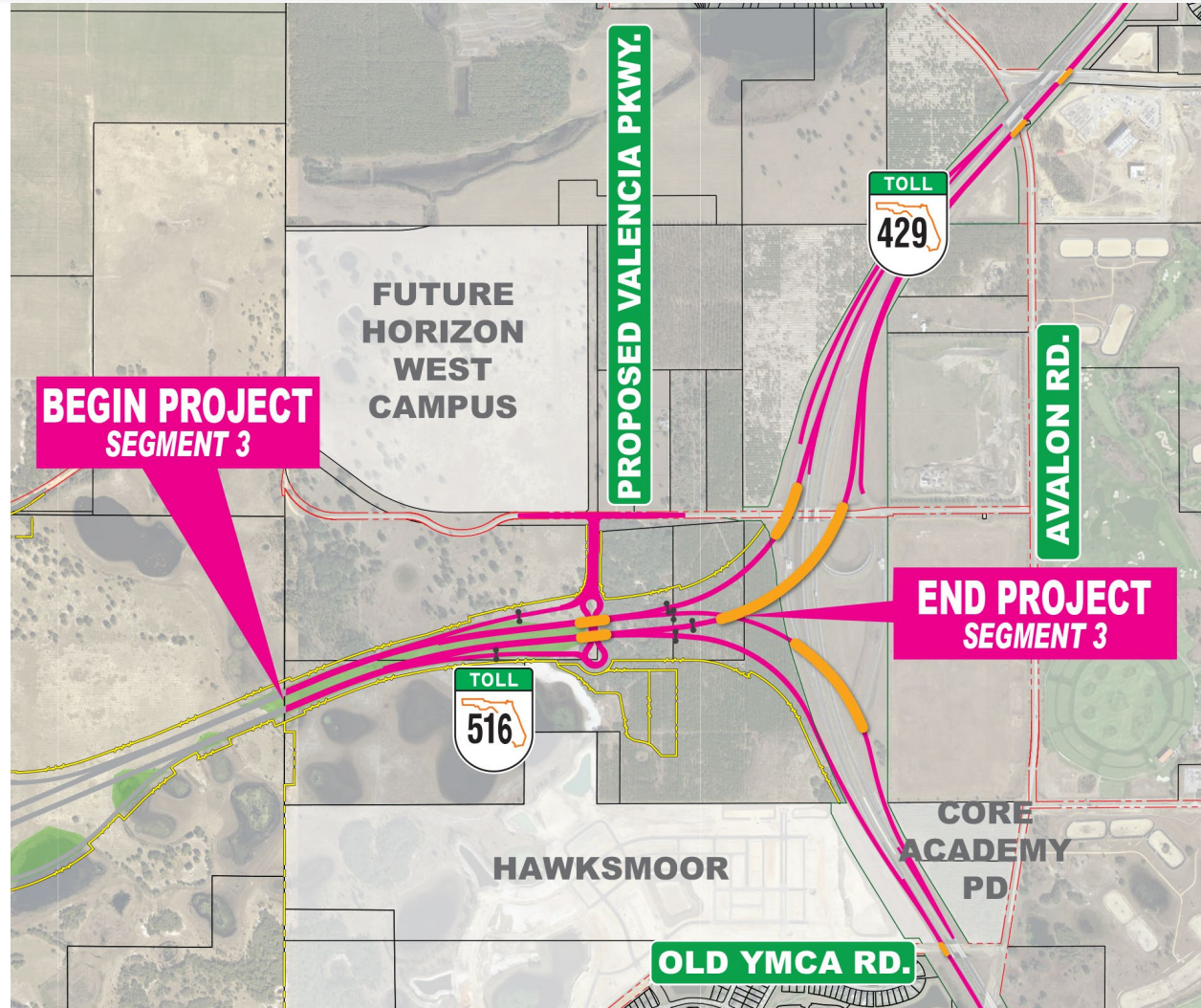
Interchange with CR 455



Segment 3: Lake/Orange County Line to SR 429



- Partial interchange at Valencia Parkway
- Full interchange at SR 429
- Noise walls proposed on SR 429



Interchange at Valencia Parkway



Interchange with SR 429



Schofield Rd

Proposed Noise Walls

LEGEND	
PROPOSED ROADWAY	EXISTING R/W
PROPOSED BRIDGE	EXISTING LA R/W
PROPOSED POND	PROPOSED R/W
SOO	PROPOSED LA R/W
PROPOSED SIDEWALK	PROPERTY LINE
PROPOSED TOLL	COUNTY LINE
PROPOSED DITCH PAYMENT	
PROPOSED NOISE WALL	
PROPOSED CROSS DRAIN	



HAMLIN PARTNERS AT SILVERLEAF

END CONSTRUCTION SR 429

PROPOSED NOISE WALL

EXIST. POND 429-5C

ORLANDO HEALTH HORIZON WEST

EXIST. POND 429-5B

HAMLIN RESERVE

PROPOSED NOISE WALL

Noise Wall Criteria



- Noise sensitive site
- Noise levels reach or exceed 66 decibels
- Noise increases at least 15 decibels over existing noise levels
- Noise wall must provide at least a 5-decibel reduction



Noise Wall Criteria



SR 516 (Lake-Orange Expressway) Noise Wall Survey Card

CFX wants your feedback regarding the proposed building of noise walls along State Road 516 from US 27 to State Road 429

You have three options to cast your vote:

OPTION 1

Indicate your vote below and drop this card in the mail by Friday, March 10, 2023.

Are you in favor of building a noise wall along SR 516 anywhere between US 27 and State Road 429 to reduce expressway traffic noise levels?

Yes No

A non-response will be counted as a "yes" vote.

OPTION 2

OR, on Monday, February 20, 2023, from 6 p.m. to 7:30 p.m., comment at the virtual Public Information Meeting. Please register for the meeting by visiting bit.ly/LakeOrangeExpVPM (link is case sensitive). You have until Friday, March 10, 2023, to submit your comments for the public record.

OPTION 3 — Use your Cell Phone

- iPhone: open your camera app, point at the QR code on the opposite side of this ballot, open the link that appears.
- Android: if your device has a built-in QR scanner, open the camera app, swipe down to pull up your Quick Settings, select the QR scanner, and point at the code. Otherwise, you may first need to install the "Google Lens" app from the Google Play Store

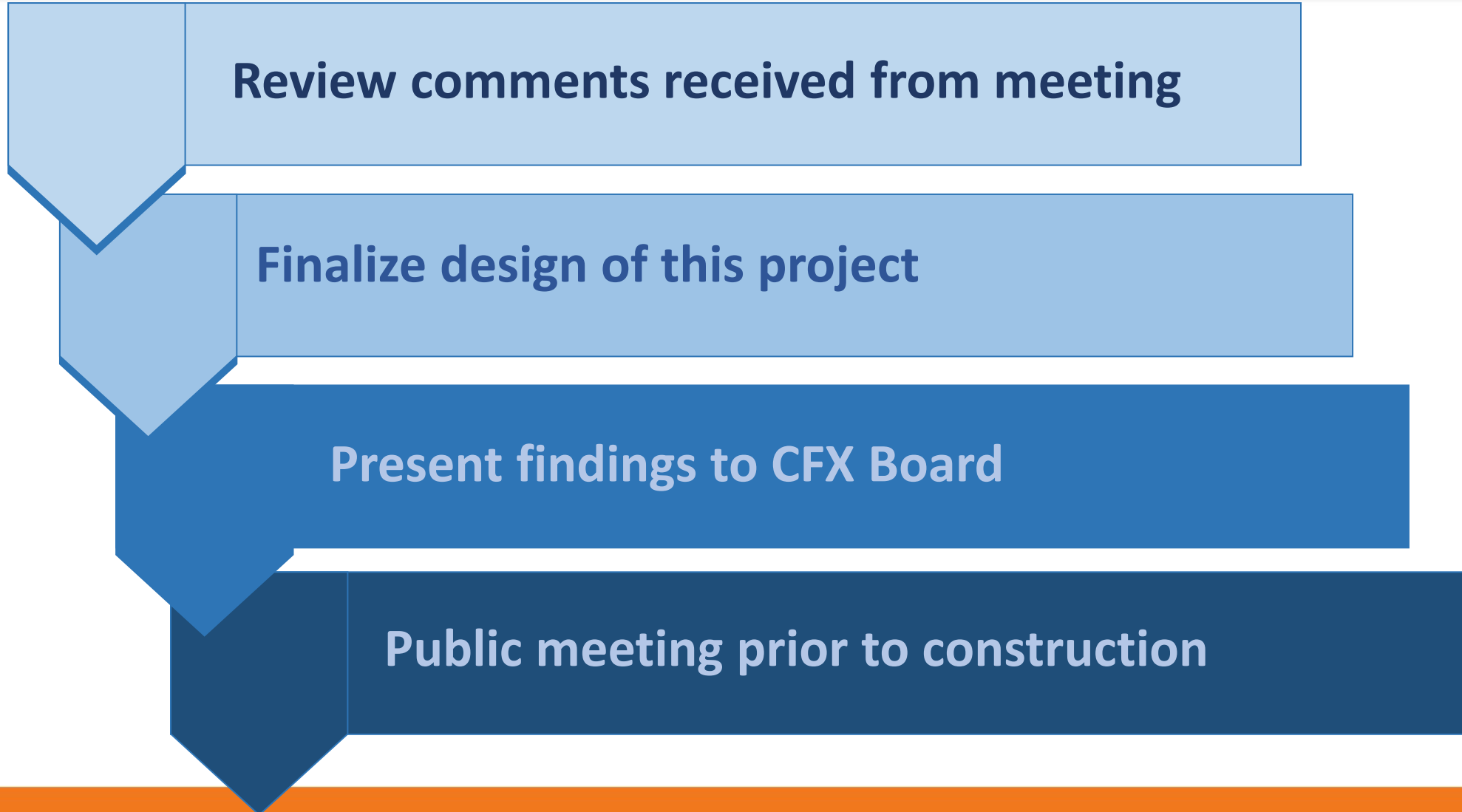
Please answer the questions by Friday, March 10, 2023.

For more information, or to submit comments, contact
Russ Handler, Public Information Officer
407-819-9859 / Construction@CFXway.com

For project information:
bit.ly/LakeOrangeExp



Next Steps



Project Contact



Colleen Shea
Public Information Officer
Central Florida Expressway Authority



407-802-3210



Construction@CFXway.com

Comments and Information



Comments received tonight or postmarked by **March 10, 2023** will become part of the public meeting summary.

CFX web address:

www.CFXway.com

Shortened design web address:

bit.ly/LakeOrangeExp



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THANK YOU!