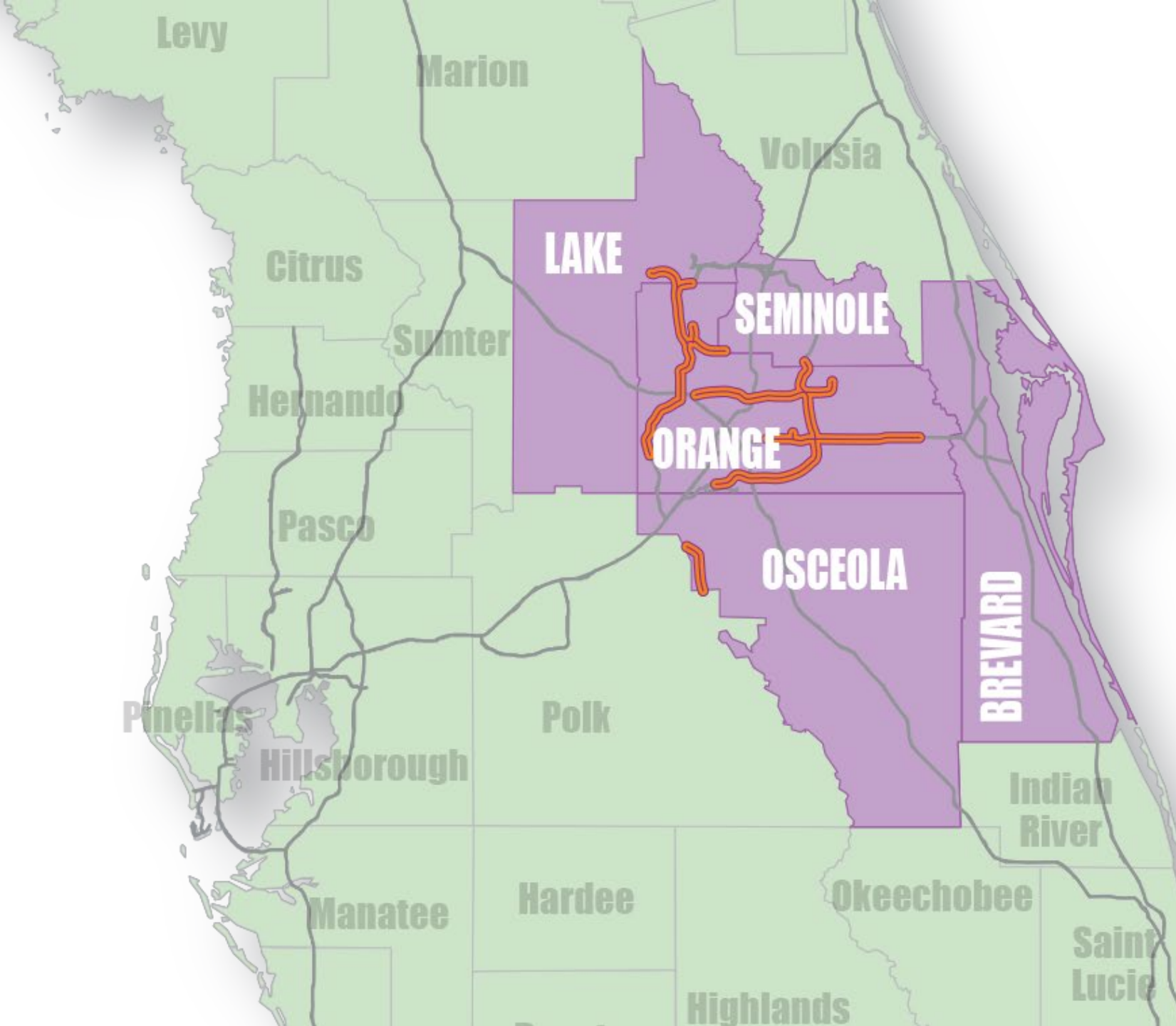


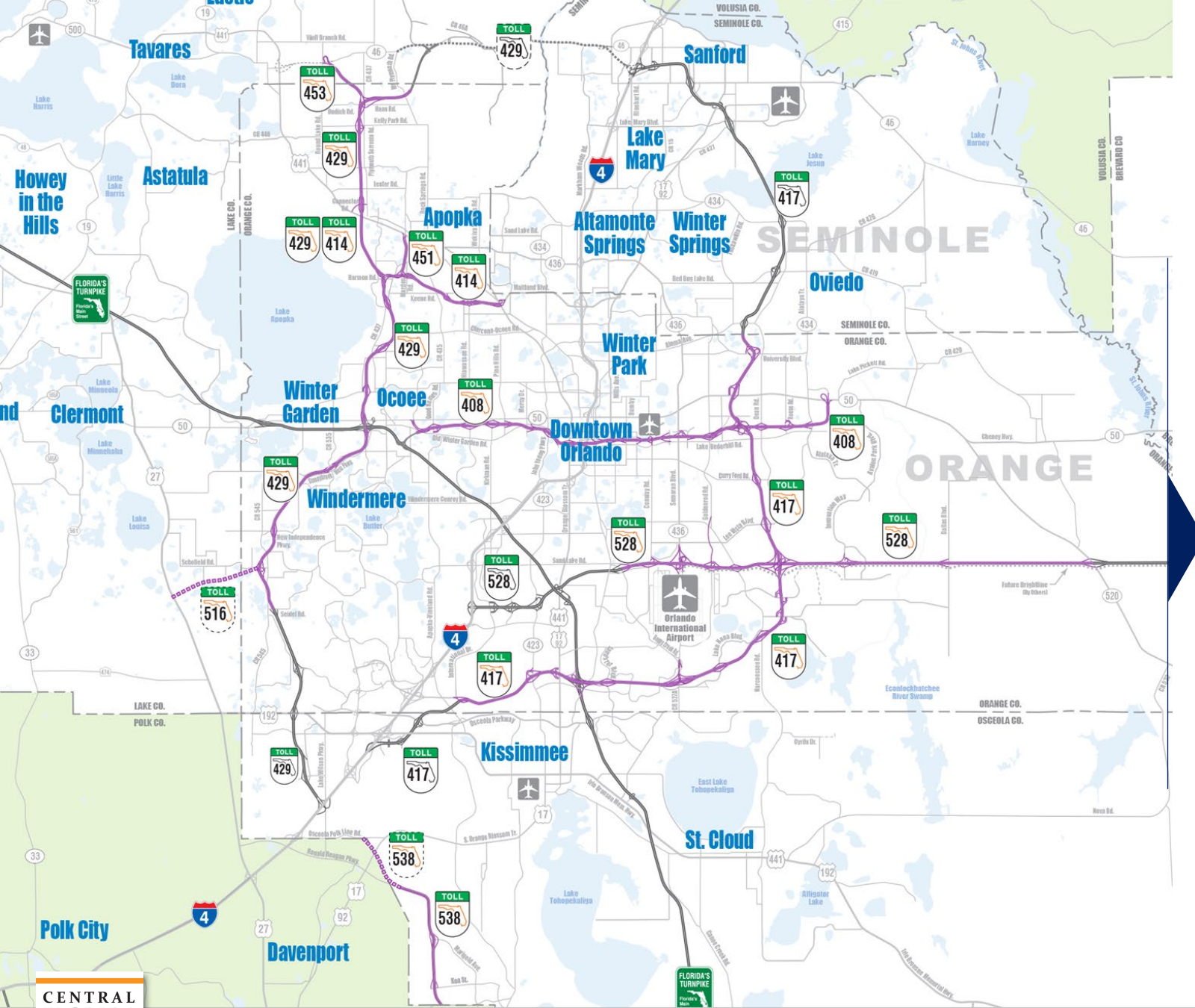
# SR 516 Lake/Orange Expressway

Central Florida Expressway Authority

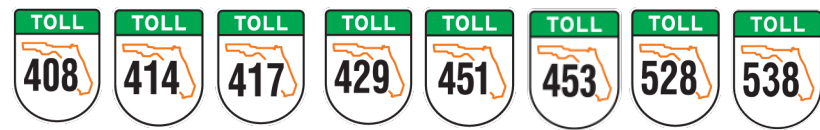
Brevard | Lake | Orange | Osceola | Seminole

Laura Kelley, Executive Director





# 125 Miles of Expressway



27

Lake Louisa



Kirkman Rd.

Windermere

Windermere Conroy Rd.



Lake Butler

New Independence Pkwy.

Wellness Way

Horizon West

5 Mile Rd.

Schofield Rd.



Valencia Pkwy.

Avalon Rd.

LAKE CO.  
ORANGE CO.

Seidel Rd.



Apopka-Vineland Rd.



International Dr.

474

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

27

# Lake/Orange Expressway



# KEY PROJECT FEATURES

Envision Certification

Solar Power

Trails

ASPIRE

Wildlife Bridges





**BEGIN PROJECT  
SEGMENT 1**



POTENTIAL  
TRAIL

**END PROJECT  
SEGMENT 1**

**TRAIL**

**ALTERNATIVE  
SUBSTATION SITE 1**



**COOK**

**CEMEX FOUR  
CORNERS SAND  
MINE**

**ALTERNATIVE  
SUBSTATION  
SITE 1**



**ALTERNATIVE  
SUBSTATION  
SITE 2**



**HAWKSM**

**END PROJECT  
SEGMENT 2**

**BEGIN PROJECT  
SEGMENT 2**

**TRAIL**

**LAKE COUNTY  
ORANGE COUNTY**



# Power Where the Rubber Meets the Road

Powered Infrastructure & Roadway Electrification



Wireless & Wired, In-motion  
& Parked Charging

Co-optimized Power Grid  
& Roadway Networks

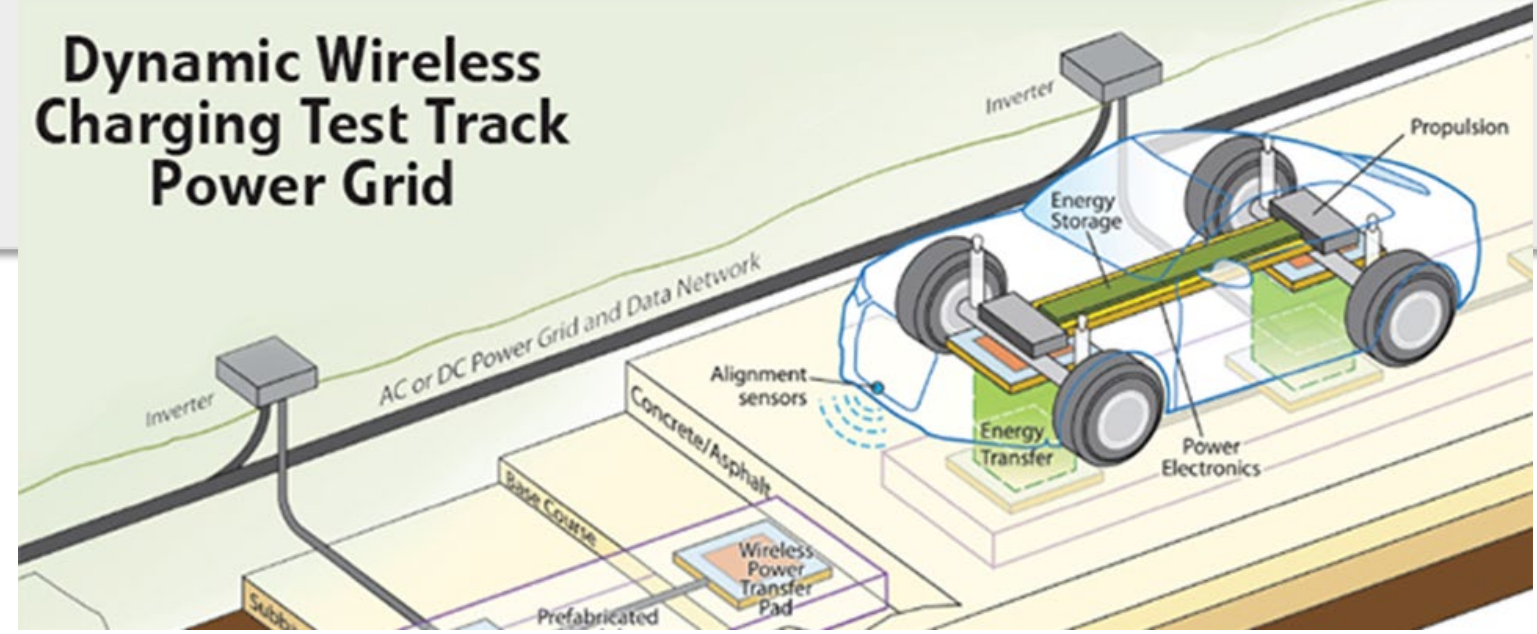


Retrofit or Standard  
Receiving Modules on  
Battery Electric or Hybrid Car

**CENTRAL  
FLORIDA  
EXPRESSWAY  
AUTHORITY**

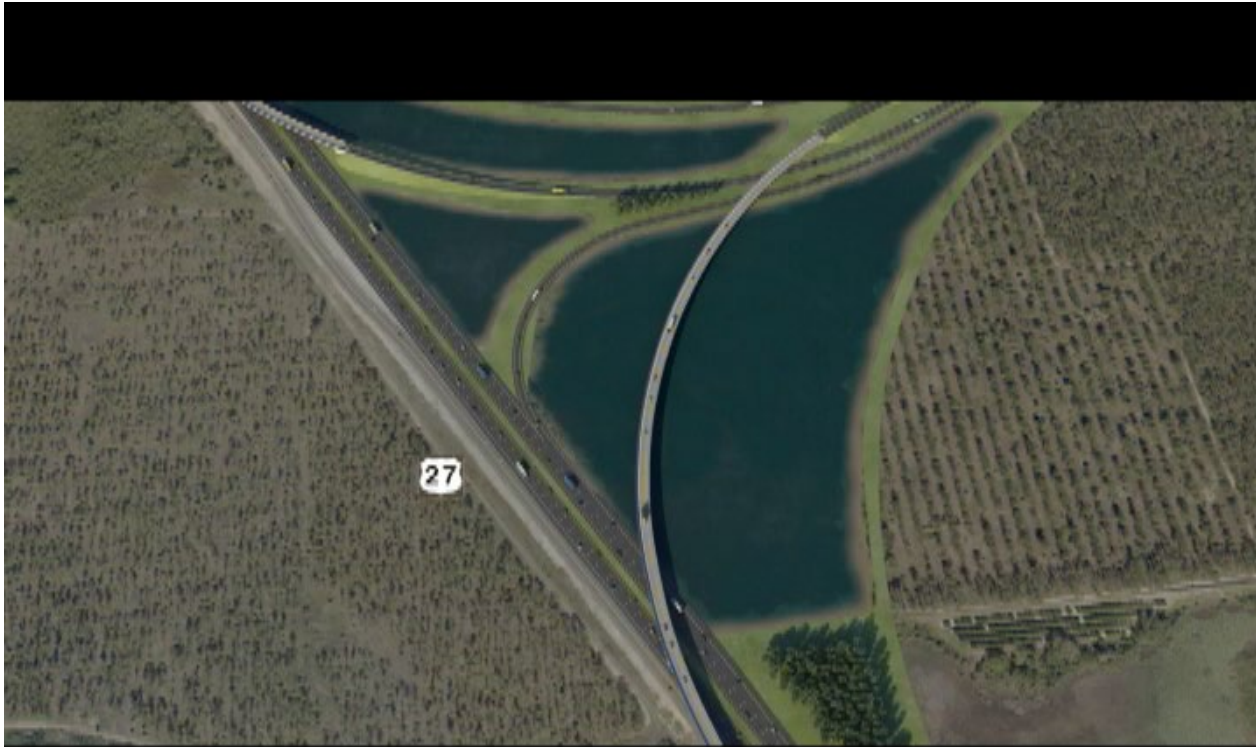


## Dynamic Wireless Charging Test Track Power Grid



# In-Pavement Charging System

# In-Motion Wireless Charging Pilot Concept



## Lake/Orange Expressway

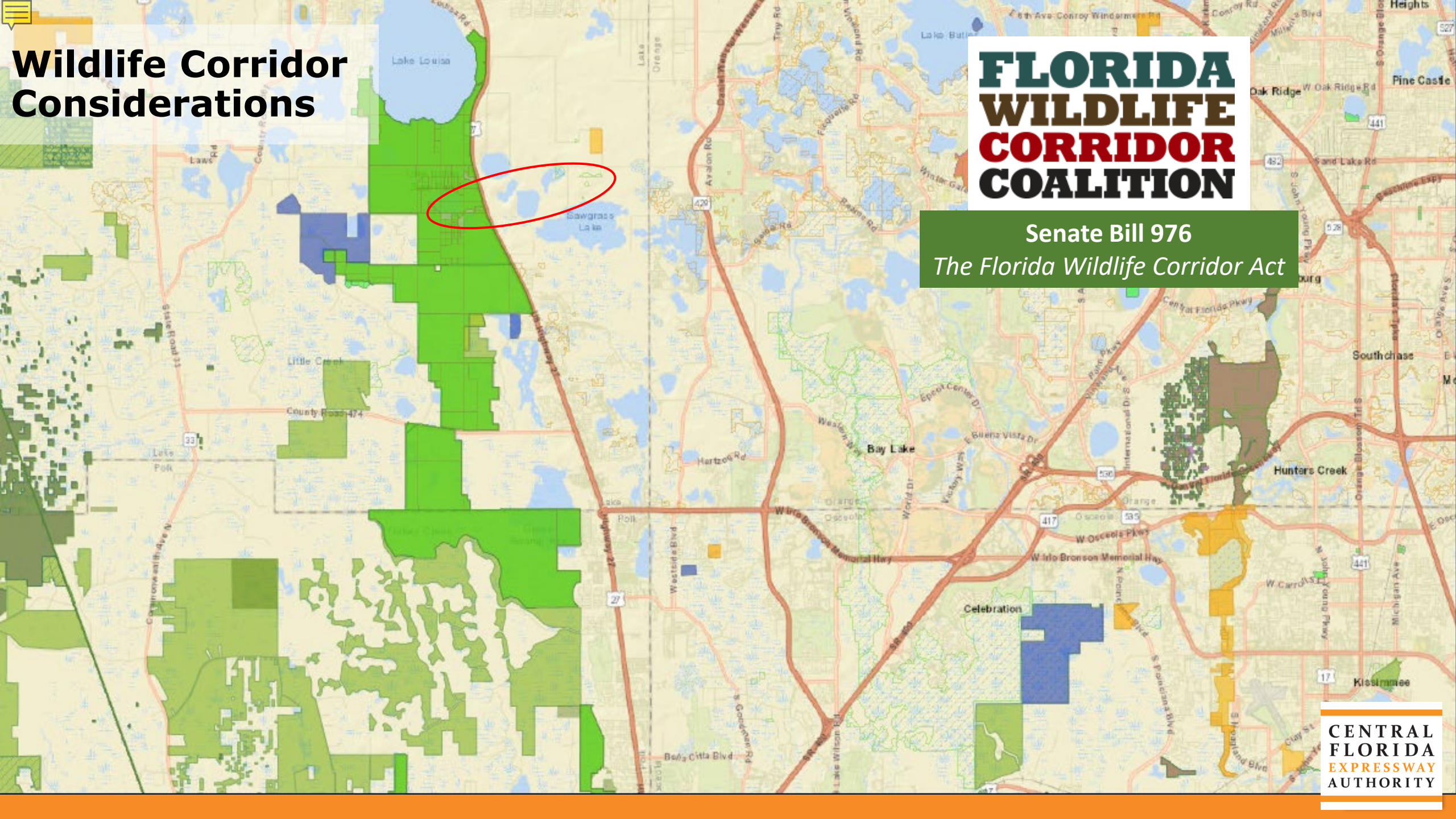


Chicago Pilot Concept

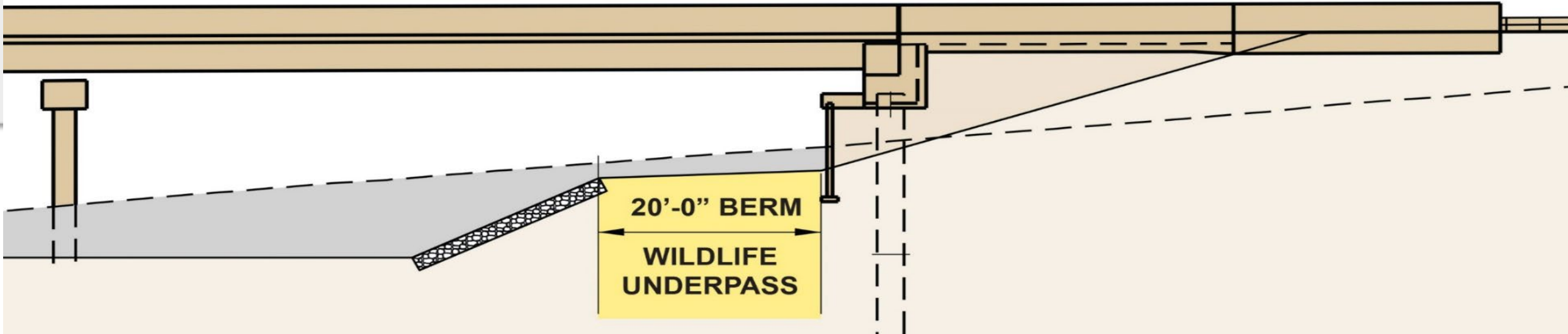
# Wildlife Corridor Considerations

**FLORIDA  
WILDLIFE  
CORRIDOR  
COALITION**

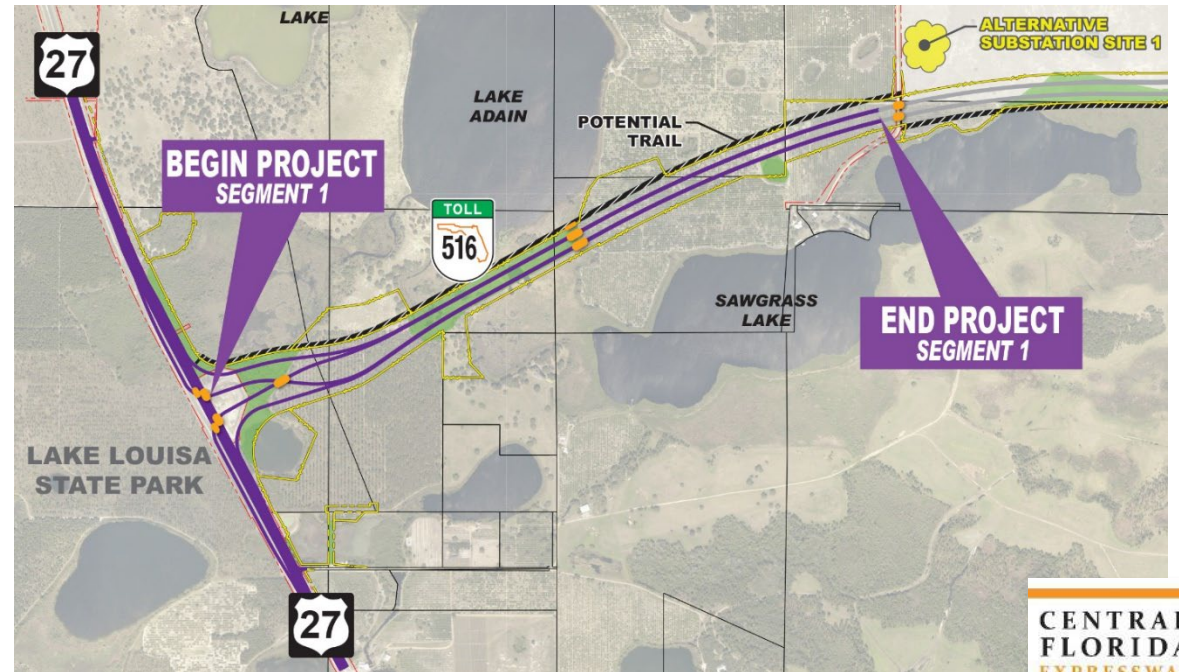
Senate Bill 976  
*The Florida Wildlife Corridor Act*



SR 516



# Wildlife Underpass



# SR 516 Lake/Orange Expressway

Central Florida Expressway Authority

Brevard | Lake | Orange | Osceola | Seminole

Laura Kelley, Executive Director