

# I-4 Ultimate & I-4 Beyond the Ultimate



June 26, 2019

[I4Beyond.com](http://I4Beyond.com)

A.C.L. Depot, Orlando





Ferg's  
DEPOT

SUN TRUST

102 102

SunRail



*The new Expressway leading through Downtown Orlando, Florida*



# Built for a different era

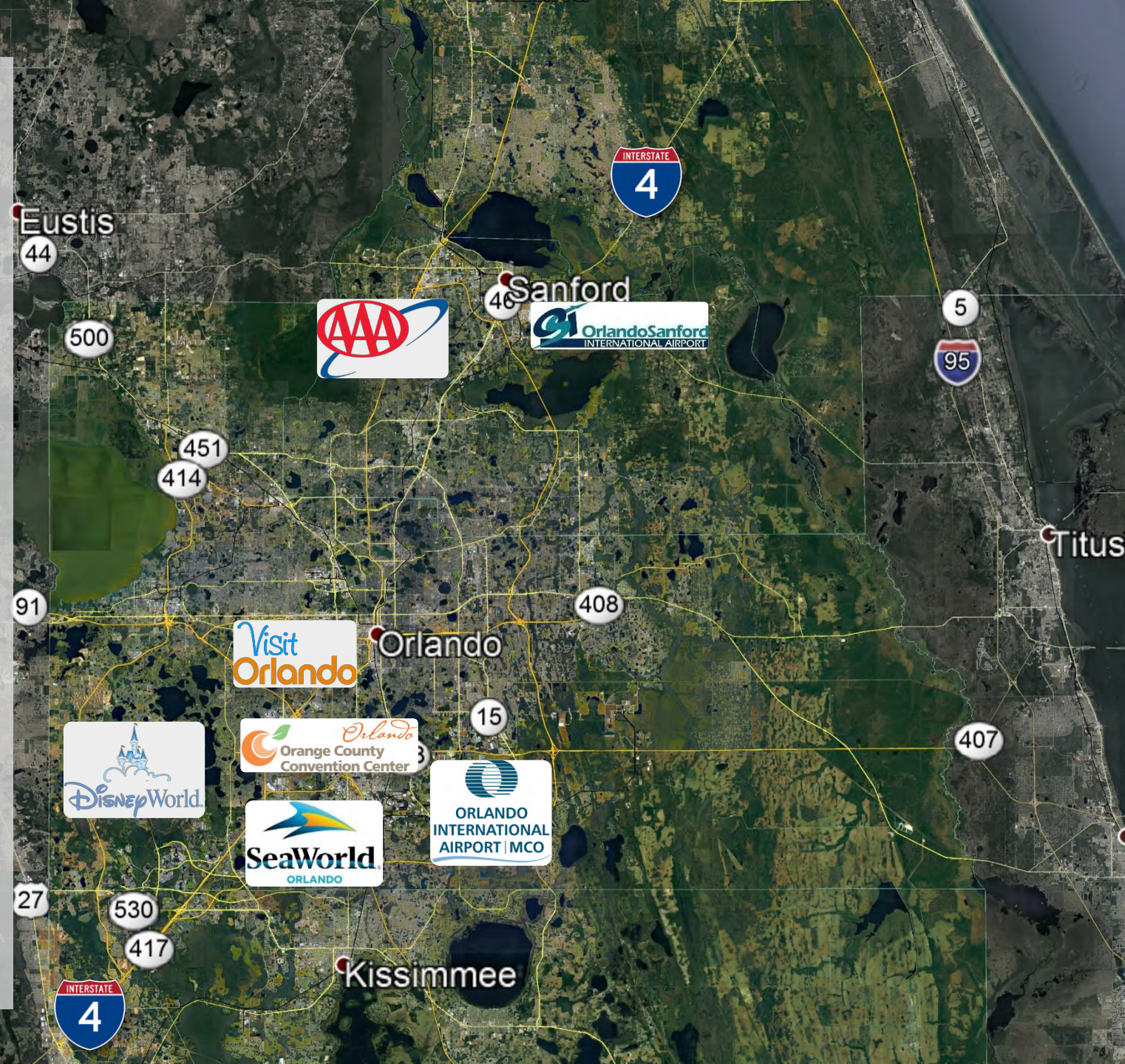
Metro Orlando was home to 200,000 people in the 1960s — today it's home to 2.5 million people

Interstate 4 (I-4) was designed to different safety standards and for different vehicles



## Central Florida has:

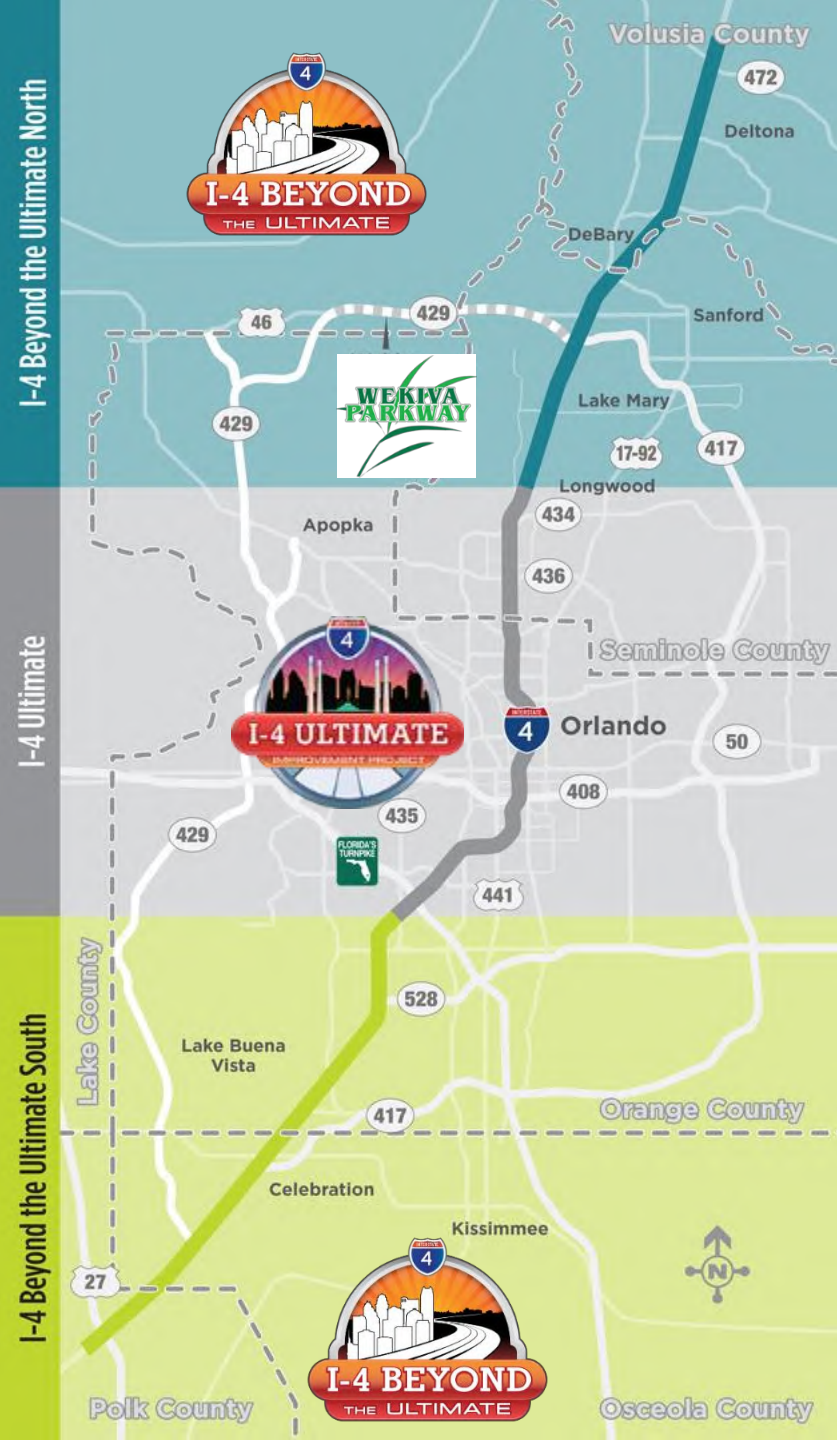
- The busiest airport in Florida (10<sup>th</sup> in the U.S.)
- The 2<sup>nd</sup> largest convention center in the U.S.
- Largest single-point employer in the U.S. (70,000 employees)
- 75 million annual visitors (#1 tourist destination in the U.S.)
- Fastest job-growth rate (*Orlando Business Journal*)
- *Texas Transportation Institute* reports Central Florida has:
  - 27<sup>th</sup> worst traffic in the U.S.
  - 46 hours of annual traffic delays per commuter



# FDOT: Improving Mobility & Safety in Central Florida

## FDOT is:

- Designing and building a better I-4 through Central Florida
- Improving mobility and safety on 60 miles of I-4 from Polk County into Volusia County
  - I-4 Ultimate (under construction)
  - Wekiva Parkway Section 8 (under construction)
  - I-4 Beyond the Ultimate, North and South







# I-4 Ultimate Project Overview

**21 miles in Orange and Seminole counties, from Kirkman Road to State Road (S.R.) 434**

**Complete reconstruction of:**

- Existing lanes
- **15 major interchanges**
- **More than 140 bridges**

**New pedestrian bridges at Maitland Boulevard and Kirkman Road**

**New S.R. 436 pedestrian tunnel**

**Increase posted speed to 55 – 60 mph**

**4 Express Lanes**

[I4Ultimate.com](http://I4Ultimate.com)



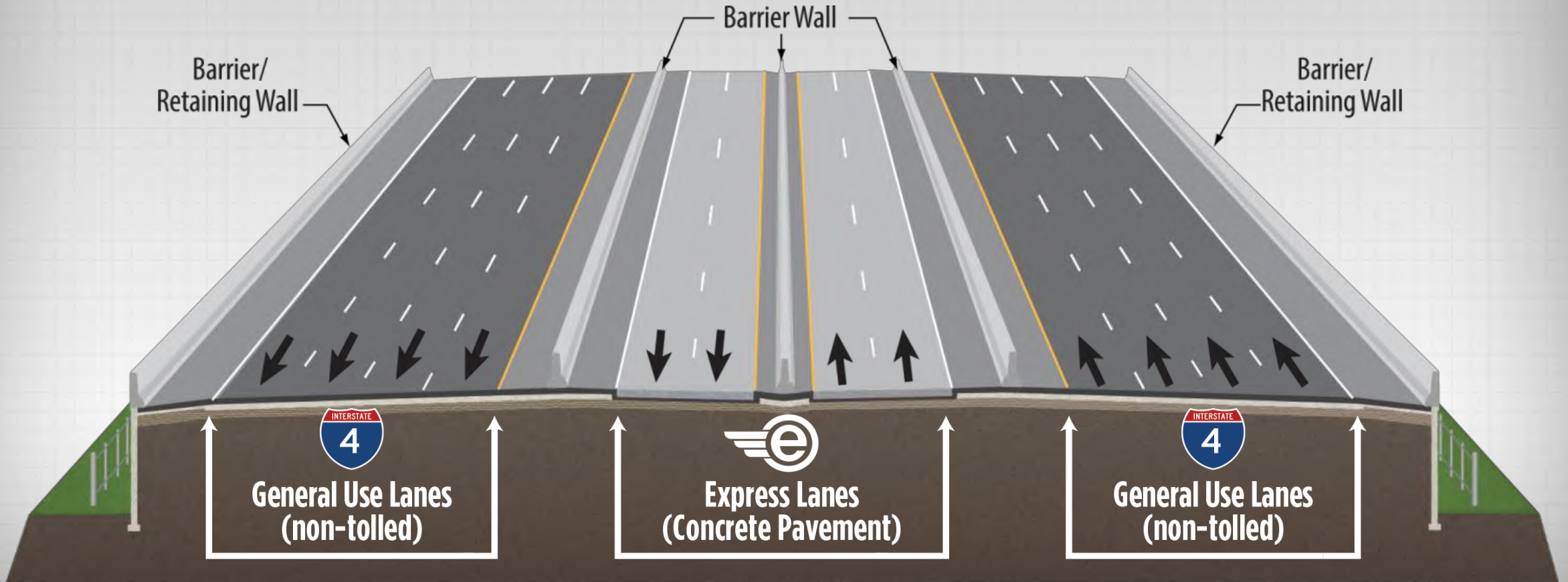
# Interstate 4 of Tomorrow



6 general use lanes + auxiliary lanes



4 Express Lanes (2 in each direction)



# Express Lanes



- Provide options
- Dynamic tolling
- Priced to maintain 50 mph
- Limited access points
- Direct connection ramps
- Reduce congestion in general lanes
- Electronic toll collection



# I-4 Ultimate Project Schedule



Concessionaire team selected – 40 years

Design, build and finance construction - 6.5 years

Operate and maintain – 34 years

Design began October 2014

Construction began February 2015





# What's Happening in and around Downtown Orlando?

- Eastbound I-4 exit ramp to South Street and S.R. 408 temporarily diverted
- Amelia St. ramps temporarily closed
  - Westbound I-4 entrance ramp
  - Eastbound I-4 exit ramp shifted
- Work continues on viaduct area thru Downtown
  - Shift to permanent eastbound I-4 lanes coming in summer
  - Moving westbound lanes to old eastbound lanes at make room to build new westbound lanes







# I-4/S.R. 408 Interchange

- Reconstructing S.R. 408 bridges over I-4
- Building 3<sup>rd</sup> and 4<sup>th</sup> level direct connect flyover ramps
- Express Lane connections:
  - from eastbound I-4 to eastbound and westbound S.R. 408
  - from westbound I-4 to eastbound and westbound S.R. 408











# Kirkman Road Interchange

March 2015





# Kirkman Road Interchange

May 2019





# I-4 ULTIMATE

## STARTING 2015: BUILDING A BETTER I-4

Preview big enhancements from  
Kirkman Road to SR 434 >>

**PROJECT  
INFO**

**CONSTRUCTION  
INFO**

**FLORIDA 511  
& LIVE TRAFFIC**

**CHOOSE YOUR  
COMMUTE**

**NEWS & MEDIA  
RESOURCES**

**PUBLIC OUTREACH  
& EDUCATION**

### CONSTRUCTION UPDATE:

I-4 Ultimate construction starts in 2015. [Sign up for route-specific email and text alerts](#) to help you plan ahead and drive safely.

### Paving the Way for I-4 Ultimate

Work on I-4 Ultimate is underway! While your daily commute won't be affected just yet, now is the perfect time to start planning so you'll be prepared when construction begins in early 2015. Can you find an alternate route to work? Research other driving options [here](#).

### STAY INFORMED ON THE GO

Sign up for personalized alerts via email or text

# I-4 Beyond the Ultimate

- Two 20-mile sections on either end of I-4 Ultimate
  - North:  
East of S.R. 434 to east of S.R. 472
  - South:  
West of U.S. 27 to west of S.R. 435 (Kirkman Road)
- I-4 Beyond the Ultimate will include
  - 140 rebuilt, new or widened bridges
  - 71 new drainage ponds
  - 23 interchanges improved or significantly rebuilt
  - Phased construction approach

I-4 Beyond the Ultimate North

I-4 Ultimate

I-4 Beyond the Ultimate South





# Goals of I-4 Beyond the Ultimate

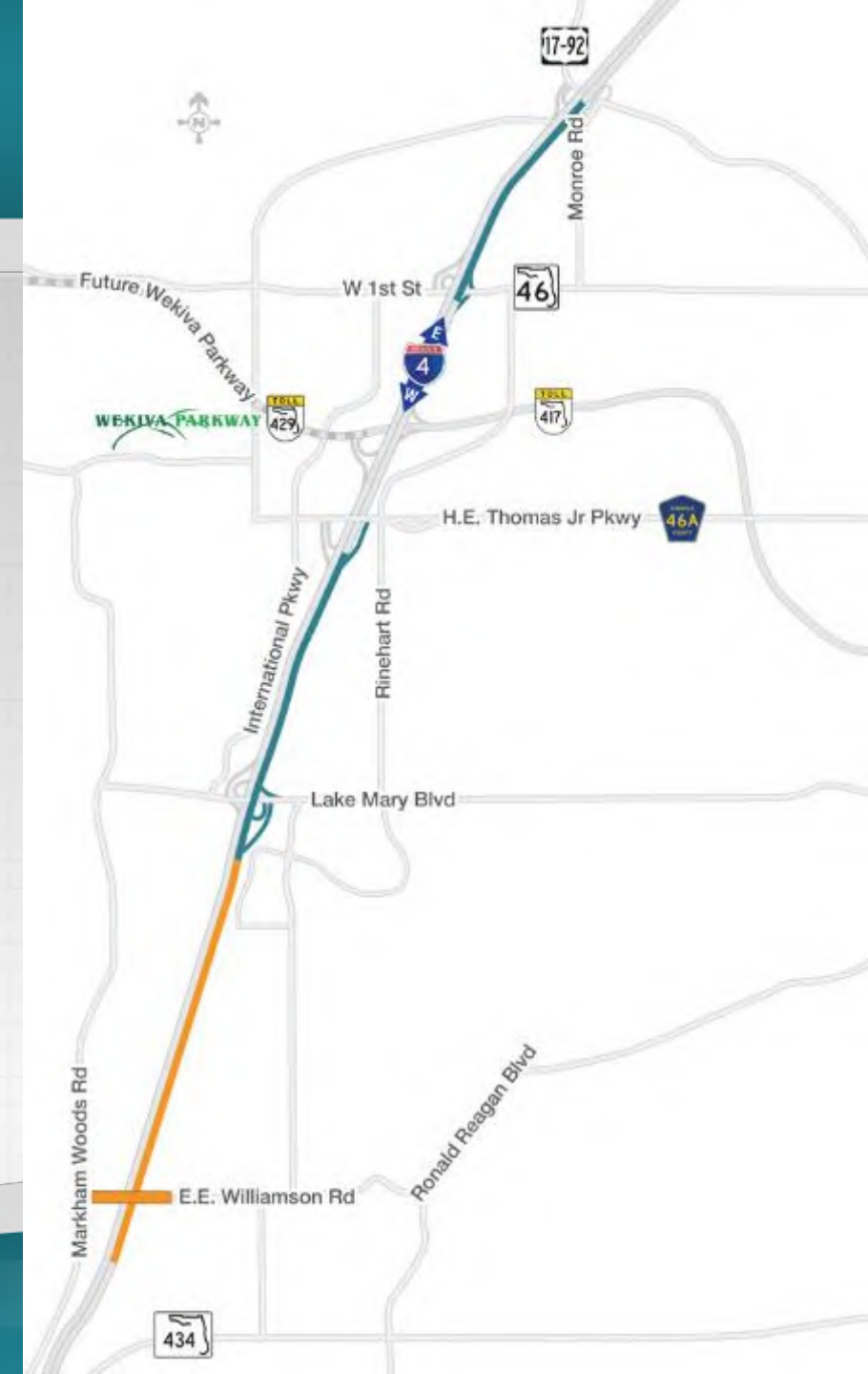
- Increase safety
- Increase mobility/ease congestion
- Increase connectivity among Central Florida communities
- Improve safety and connectivity for bicycles and pedestrians along surface streets
- Support the region's economy and lifestyle long into the future





# I-4 Beyond the Ultimate, North Interim Projects

- Improve the flow of traffic on I-4 between the end of the I-4 Ultimate project and Lake Mary Boulevard
- A new wider bridge on E.E. Williamson Road over I-4
- Extend pavement life on several sections of I-4 in Seminole County

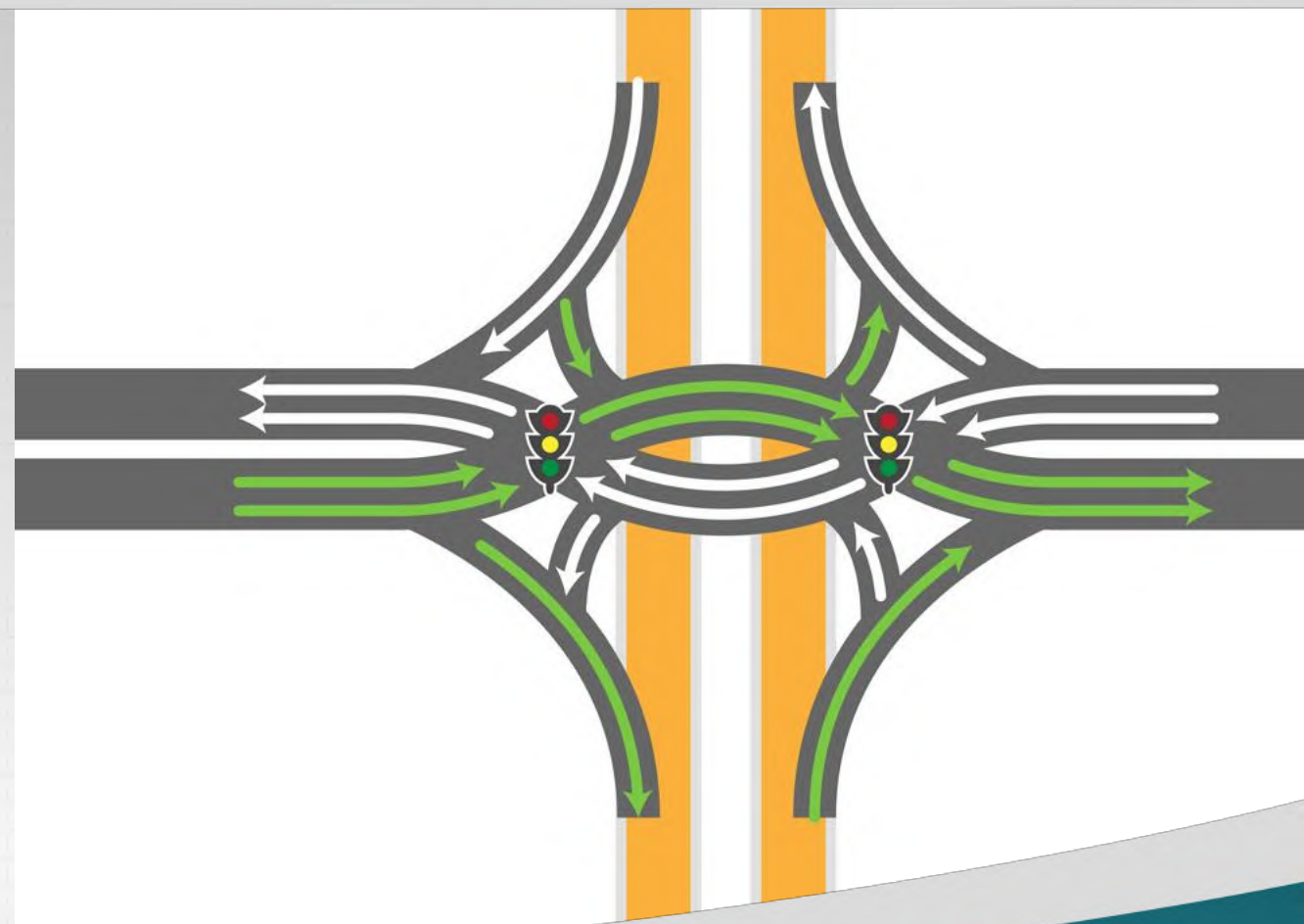




# I-4 Beyond the Ultimate Innovation: Diverging Diamond Interchanges

## Advantages

- Safety: removes left turns across oncoming traffic
- Reduces the number of conflict points
- Accommodates more traffic
- Improves flow of traffic entering and exiting the interstate
- Includes pedestrian signals
- Meets the needs of all road users, including large trucks, pedestrians and bicyclists

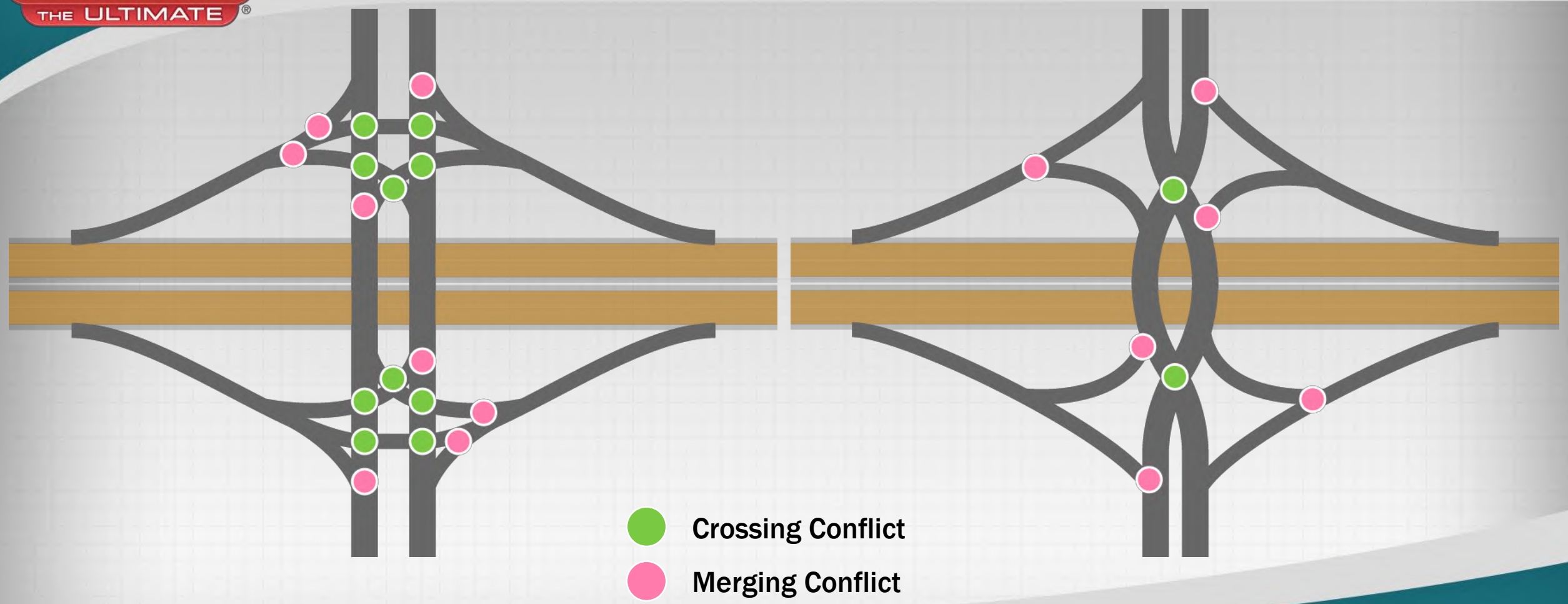






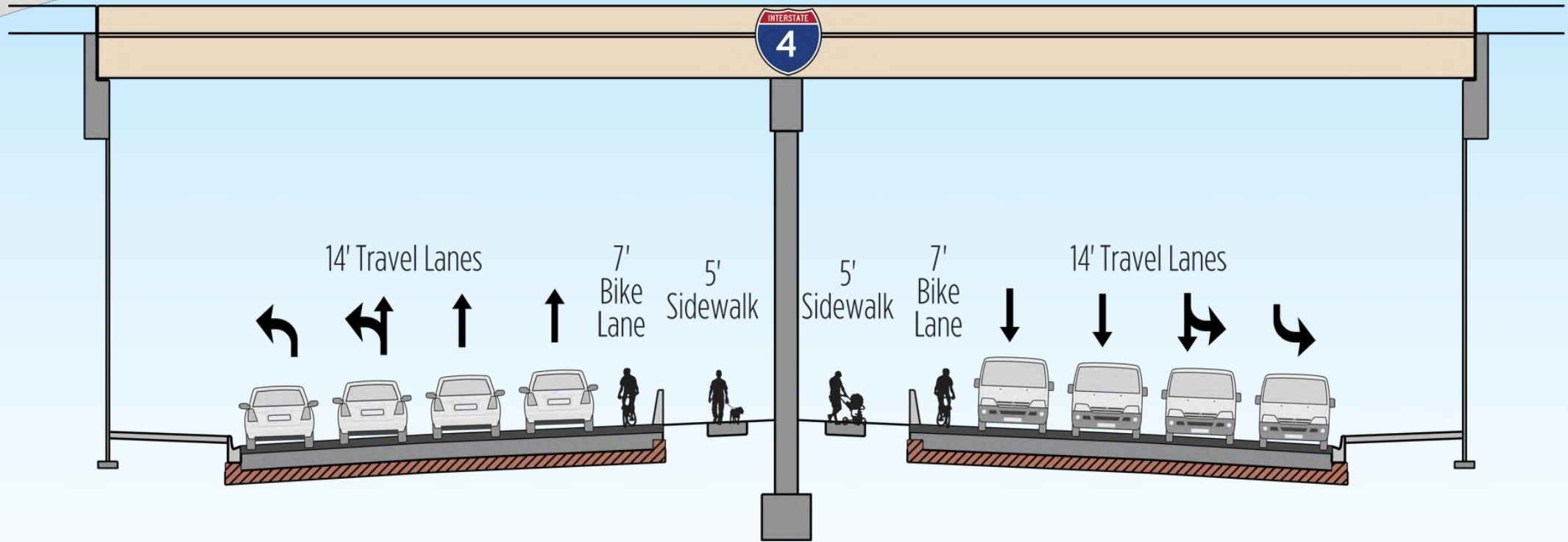


# Diverging Diamonds Reduce the Number of Conflict Points





# Bike and Pedestrian Features



SR 482 (Sand Lake Rd)



# Bike Lanes





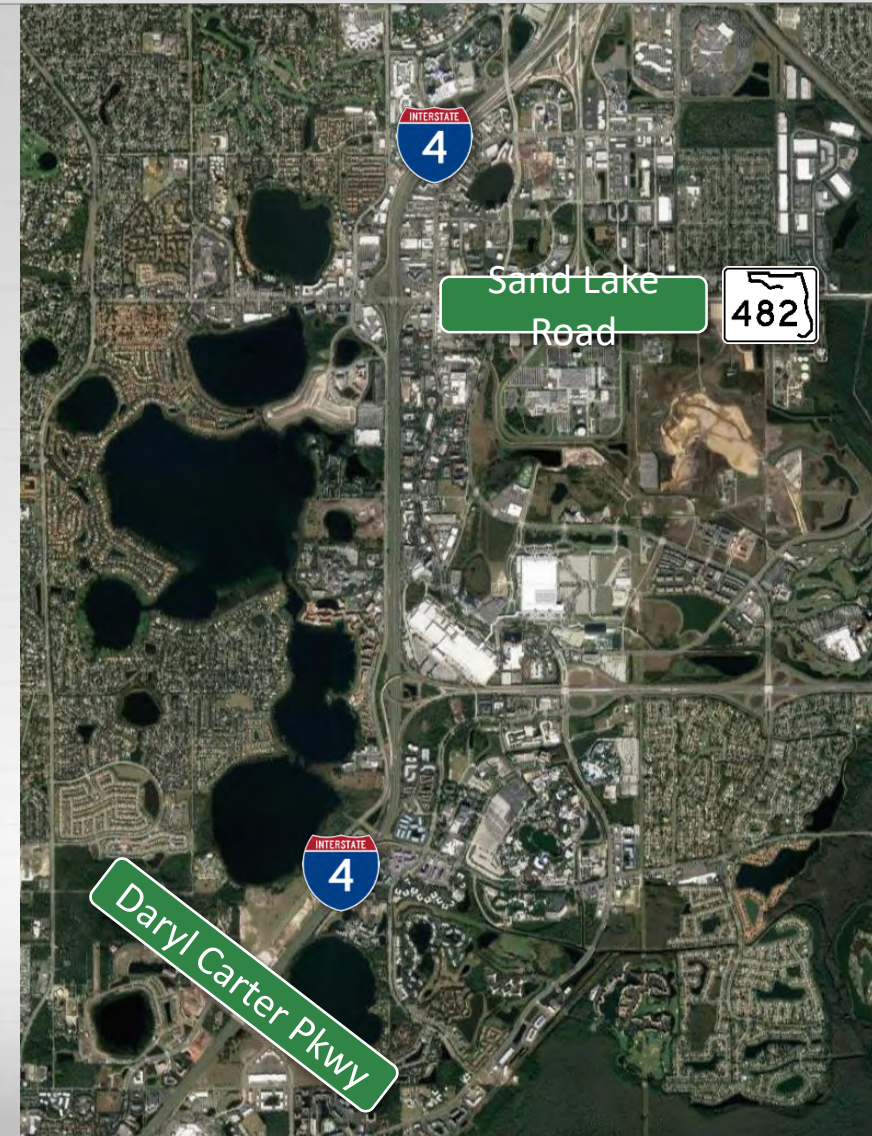
# Pedestrian Walkways

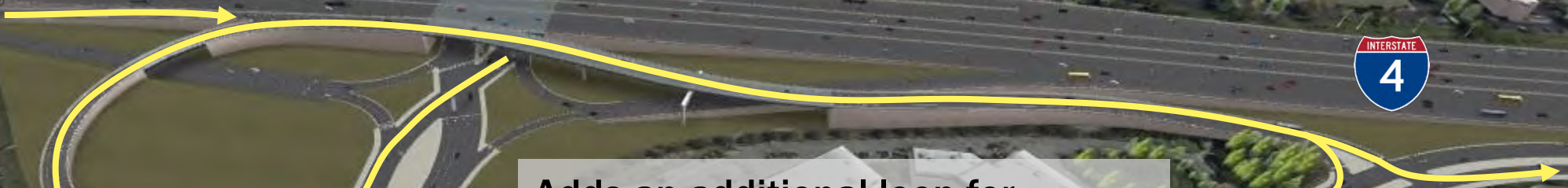




# I-4 Beyond the Ultimate, South Construction Projects

- Two projects planned for construction beginning late 2021 or early 2022
  - Interim Daryl Carter Parkway
    - Palm Parkway to Regency Village Drive
  - Sand Lake Road Interchange
    - Turkey Lake Road to International Drive





Adds an additional loop for movement from Sand Lake Road to Turkey Lake Road



Removes the left turn from westbound Sand Lake Road to southbound Turkey Lake Road



**Interim I-4/Daryl Carter Parkway Interchange**

- Will maintain the existing bridge
- No access from Daryl Carter to westbound I-4
- Diverging diamond interchange





# Informational Open House

**Wednesday, June 26, 5 – 7 p.m.**

**Rosen Jewish Community  
Center of Southwest Orlando  
11184 S Apopka Vineland Rd.  
Orlando, FL 32836**





# Stay Informed

- Sign up for the I-4 Beyond the Ultimate monthly e-newsletter at [i4Beyond.com](http://i4Beyond.com)
- Follow [@I4Ultimate](https://twitter.com/I4Ultimate) on Twitter
- Sign up to receive email and text notifications for I-4 advance construction alerts at [i4Beyond.com](http://i4Beyond.com)





# Want to Learn More?

Speakers are now available  
to present to your office  
or organization

Call or email today

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# For More Information



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