



# Welcome

## S.R. 426 Coalition

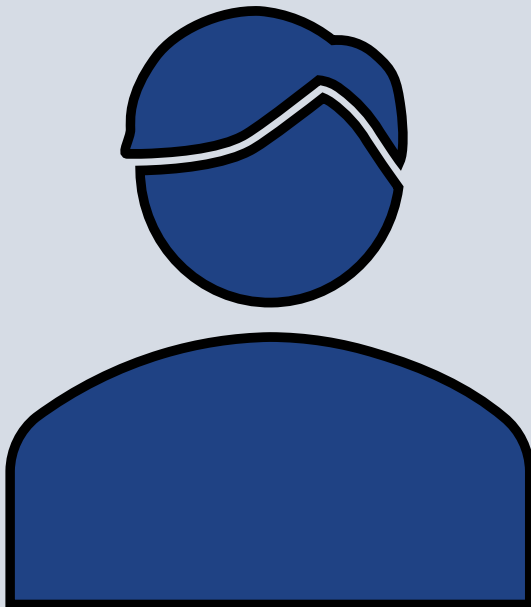
From west of S. Park Avenue to  
east of N. Lakemont Avenue

Financial Project Identification (FPID) No.: 451282-1

## Community Event

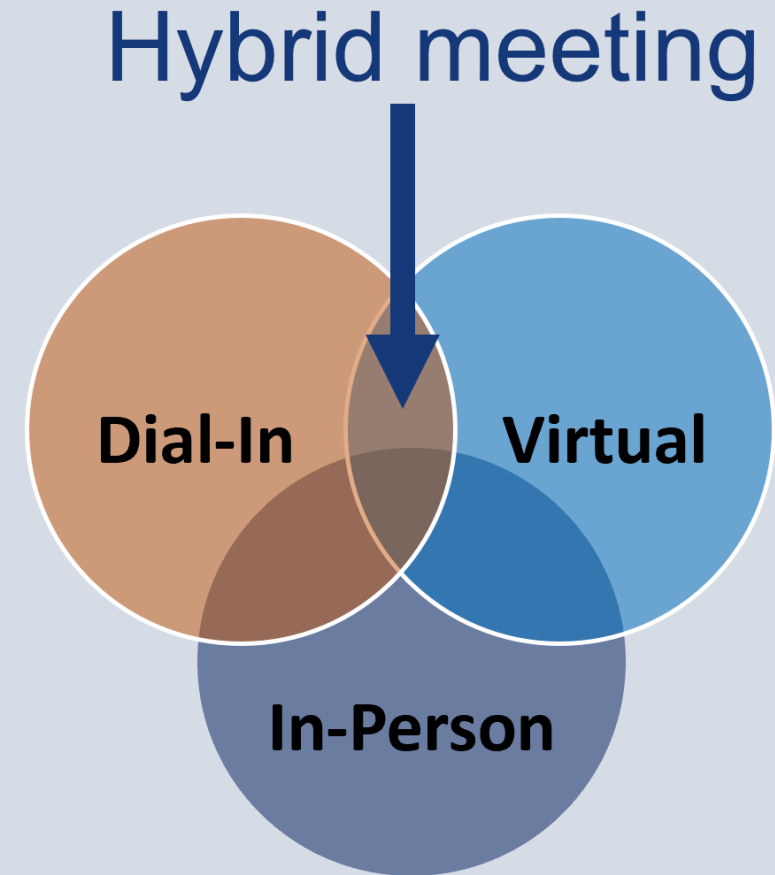
June 13, 2023

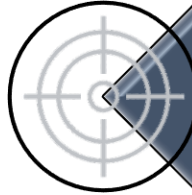
# INTRODUCTION



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- This event is being conducted in a hybrid format
- Dial-in attendees not using the GoToWebinar app are “listen-only”
- A copy of the presentation can be found on the project website at: [CFLRoads.com/project/451282-1](http://CFLRoads.com/project/451282-1)
- [www.cflroads.com/project/451282-1](http://www.cflroads.com/project/451282-1)

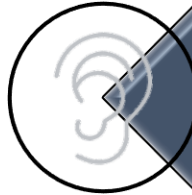




Project needs



Present  
recommendations



Obtain your feedback

# Title VI Compliance

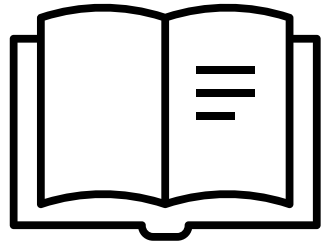


*Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status. Persons wishing to express concerns relative to FDOT compliance with Title VI may do so by contacting:*

*All inquiries or concerns will be handled according to FDOT procedure and in a prompt and courteous manner.*

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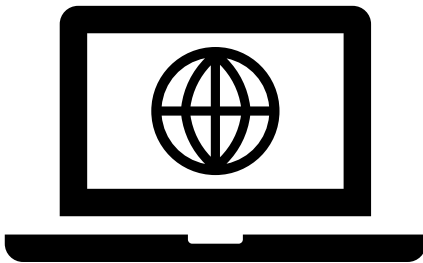
Florida Administrative  
Register



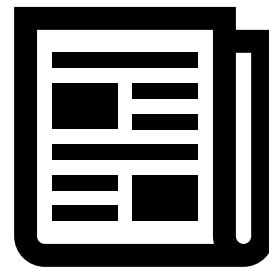
Hand deliver



Email notification



Department/project  
webpage



Newspaper



Social media

# What is a Coalition?



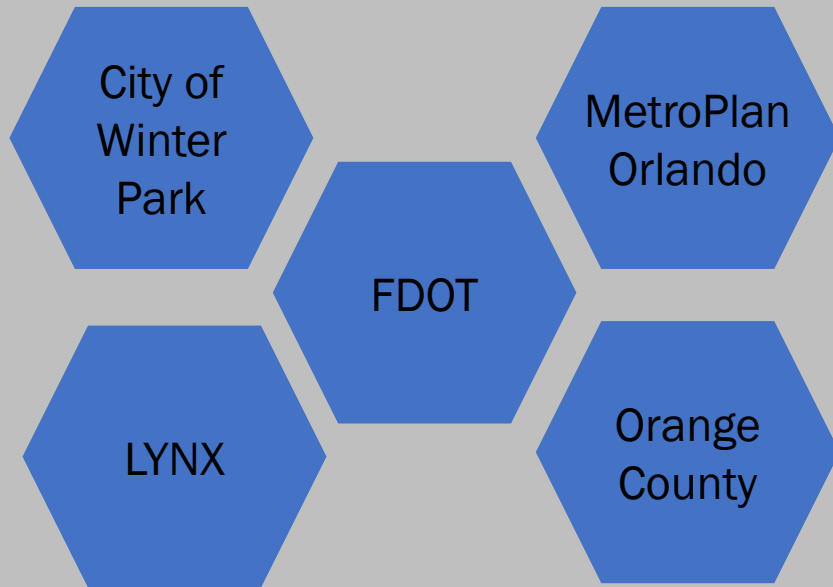
Potential Improvements Incorporated into a Roadway Maintenance Project

Focused on  
Community Engagement

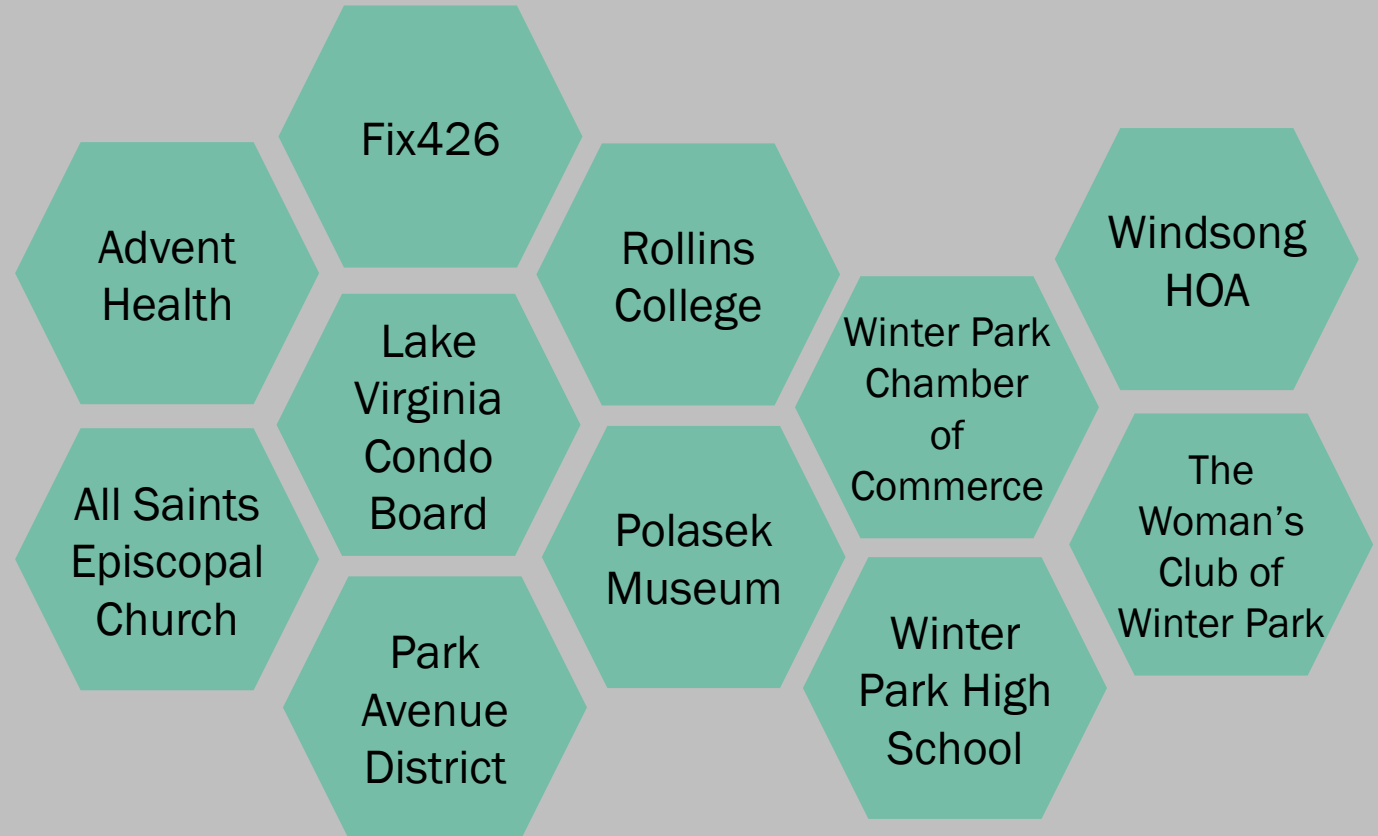
Implementation of  
Safety Improvements

Design and Construction  
Phases are  
Already Funded for This Coalition

## Government Partners



## Community Partners

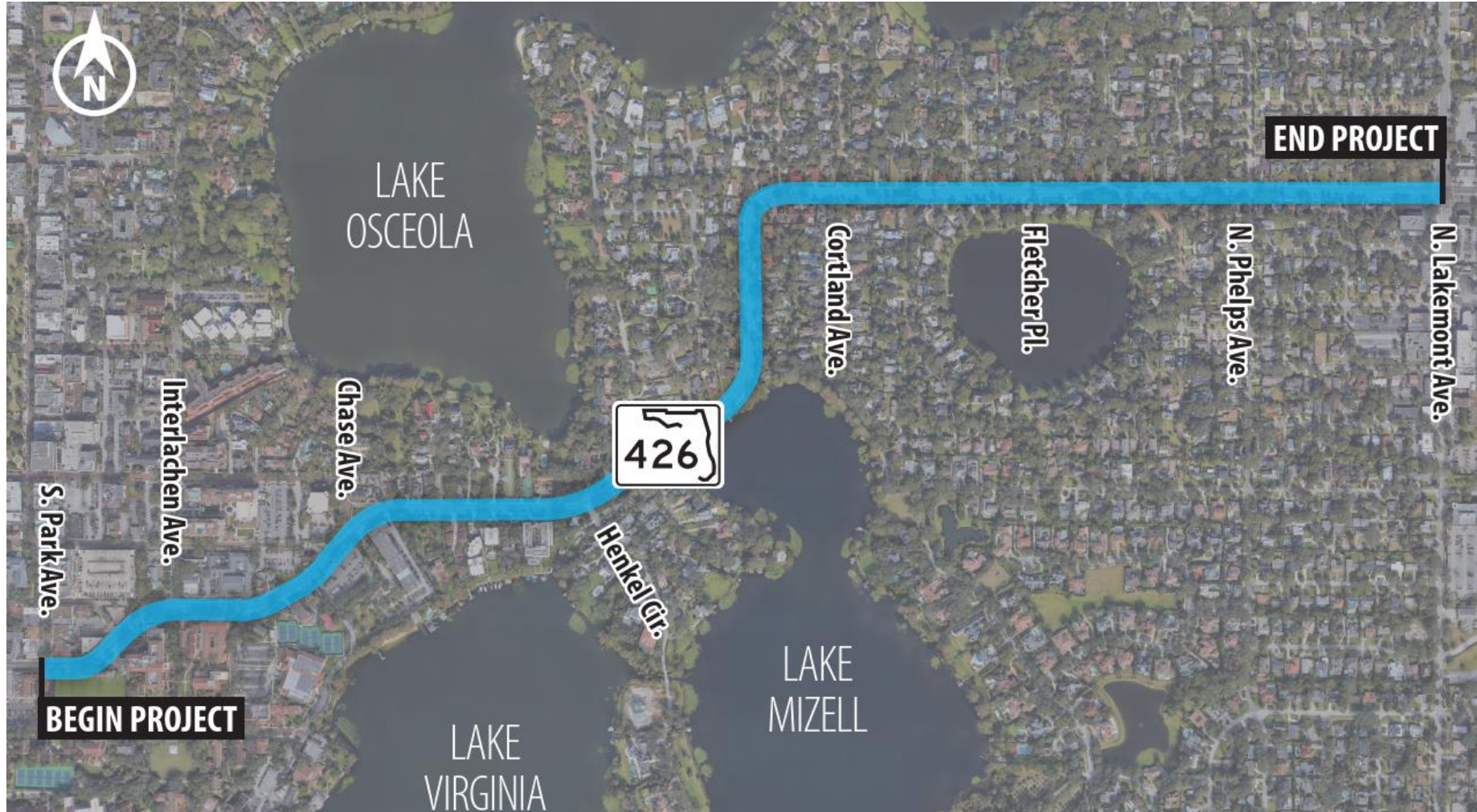




# Study Corridor



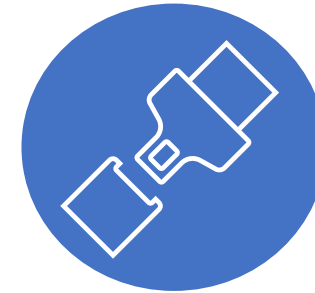
S.R. 426 from west of S. Park Avenue to east of N. Lakemont Avenue



# Study Purpose and Need



- The S.R. 426 Coalition is evaluating a variety of factors including safety, pedestrian and bicyclist mobility, speed management, and traffic operations.
- The goal of this maintenance project is to rehabilitate the pavement while incorporating improvements within the existing right of way that will increase safe travel along the corridor for all users.



Safety



Speed Management



Pedestrian &  
Bicyclist Mobility



Traffic Operations



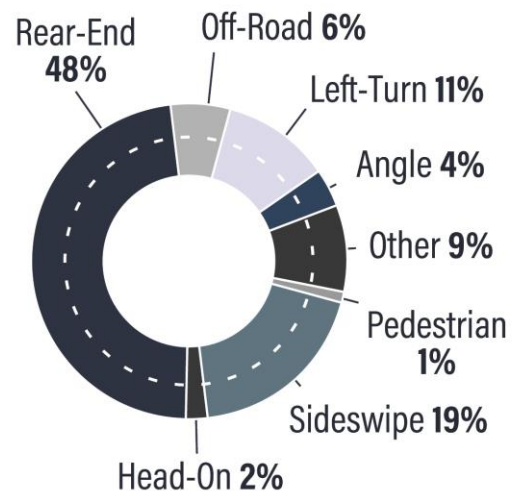
S.R. 426: S PARK AVENUE TO N LAKEMONT AVENUE

## CRASH FACTS

January 2017-August 2022



### CRASH TYPE



### CRASH SEVERITY

0.3% FATAL  
32.3% INJURY

### CRASH FREQUENCY

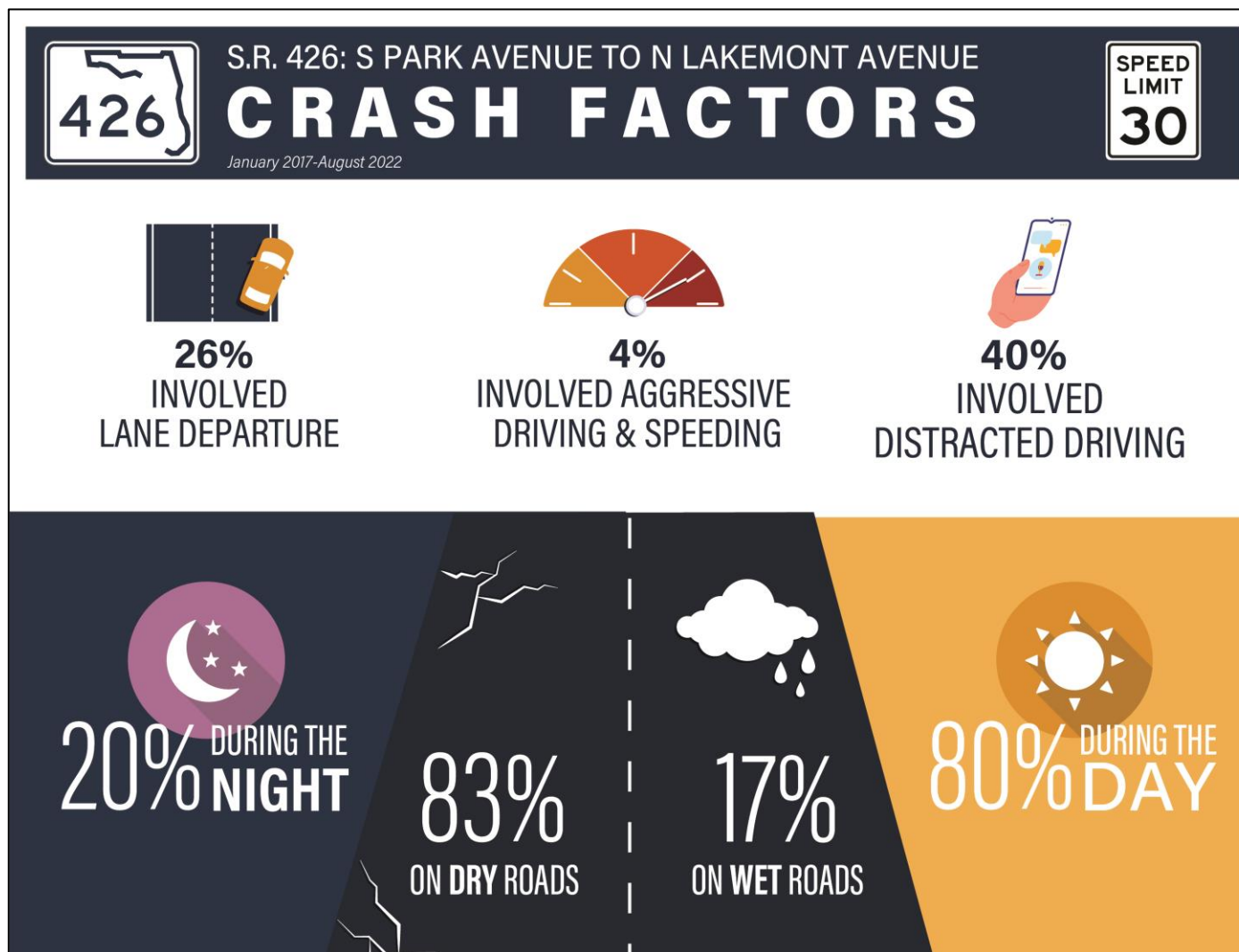


424 PROPERTY DAMAGE



2 DEATHS 203 INJURIES

# Existing Crash Data



# Vehicle Speeds Exceed Posted Speed



- Posted Speed Limit through Southern Curve: **25 MPH**
- Average Speed within the Southern Curve: **34.3 MPH**
- 85<sup>th</sup> % Speed: **39 MPH**



# Corridor Issues



 Speeding

 Lane departures

 Lack of safe crossings

 Lighting

 Sight distance

 Landscaping obstructs views

 Signal timing

 Limited mobility and connectivity

 Wrong way driving on Henkel Circle

# Goals for Improvements

- Improve Safety
- Reduce Speeds
- Improve Multi-modal Connectivity and Mobility
- Reduce Crashes



# Toolkit of Improvements



Issues to Address	Traffic Calming/Speed Reduction	Curve Safety	Bicycle, Pedestrian, Transit	Safer Turning Movements
Viable Countermeasures	<ul style="list-style-type: none"><li>» Raised intersections</li><li>» Lower posted speed limit</li><li>» Curvature of the roadway</li><li>» Speed tables</li><li>» Narrower lanes</li><li>» Enhanced signage</li><li>» Alert lighting</li><li>» Vertical landscaping in medians</li><li>» In-lane speed markings</li></ul>	<ul style="list-style-type: none"><li>» Dynamic curve system</li><li>» Angled lane markings</li><li>» Narrow median</li><li>» Rumble strips</li><li>» Internally illuminated raised pavement markers</li><li>» Barriers through curves</li><li>» In-lane pavement markings</li></ul>	<ul style="list-style-type: none"><li>» Raised, mid-block crossings with pedestrian signals</li><li>» Tightened turn radii</li><li>» Pedestrian barrier wall through curves</li><li>» High visibility crosswalks</li><li>» Shorter pedestrian crossing length</li><li>» Slip lane elimination at Chase Avenue</li><li>» Bus stop markings</li></ul>	<ul style="list-style-type: none"><li>» Left turn lanes at Phelps Avenue</li><li>» Traffic signal timing improvements</li><li>» Increased turn lane length at N. Lakemont Avenue</li><li>» Signal backplates</li><li>» Advance warning signage at Henkel Circle</li><li>» Landscape maintenance to improve visibility</li></ul>



## Traffic Calming/ Speed Reduction

- » Raised intersections
- » Sliver medians
- » Vertical landscaping in medians
- » In-lane speed markings
- » Narrower lanes
- » Chicaning (curvature of straight-away)
- » Speed tables
- » Lower posted speed limit to 25 MPH
- » Enhanced signage
- » Alert lighting
- » Roundabout



Narrowed Lanes



Sliver Medians



Pavement Markings



Raised Intersections

## Improve Curve Safety

- » Angled line markings
- » Internally illuminated RPMs (raised pavement markers)
- » Dynamic curve system
- » Improved barriers through curves
- » Narrow median
- » Rumble strips
- » In-lane pavement markings



Angled Lines into Lanes



Barrier Wall



Internally Illuminated Raised Pavement Markers



Concrete Barrier Wall with Sidewalk



Dynamic Chevron Signs (TAPCO)

## Bicycle, Pedestrian, Transit

- » Raised, mid-block crossings with pedestrian signal
- » High visibility crosswalks
- » Shorter pedestrian crossing length
- » Bus stop markings
- » Pedestrian barrier wall around curves
- » Eliminate slip lane at Chase Avenue



Raised Crosswalks



Pedestrian Hybrid Beacon



Bus stop painted in outside lane



High Visibility Crosswalks



Pedestrian Barrier Wall

## Safer Turning Movements

- » New turn lane at Phelps Avenue
- » Traffic signal timing improvements
- » Increased turn lane length at N. Lakemont Avenue
- » Tightened curb returns
- » Advance warning signage at Henkel Circle



Tighten Curb Returns



Signal Retiming



Raised Intersection

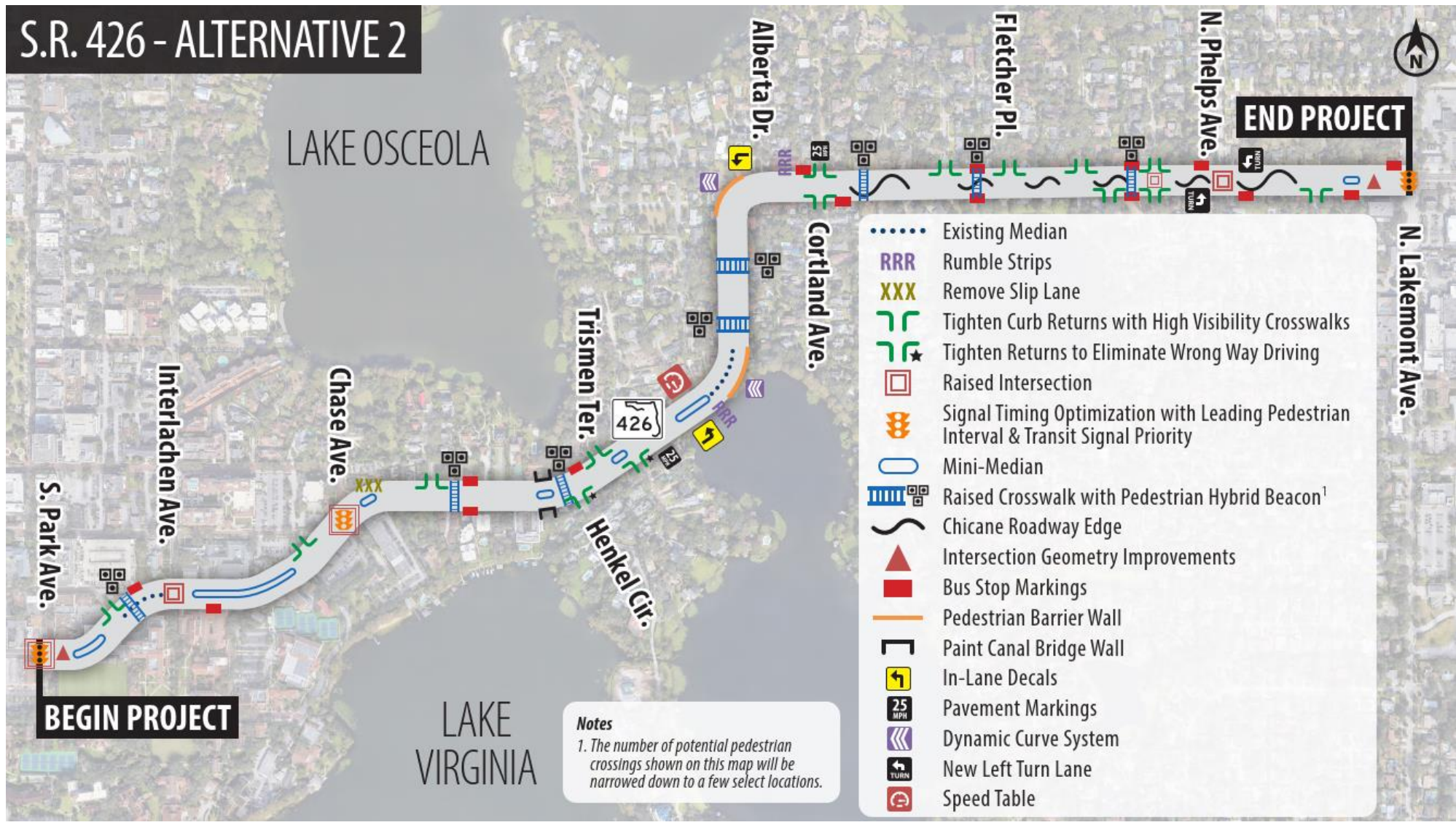


Increased Turn Length

# Recommendations: Alternative #1



# Recommendations: Alternative #2



# Henkel Circle



Eastbound at Henkel Circle  
**EXISTING**



Eastbound at Henkel Circle  
**PROPOSED**

# Southern Curve



Eastbound approaching the Southern Curve  
**EXISTING**



Eastbound Approaching the Southern Curve  
**PROPOSED**



# Brewers Curve



Westbound approaching Brewers Curve  
**EXISTING**



Westbound Approaching Brewers Curve  
**PROPOSED**

# Shepherd Avenue



Eastbound at Shepherd Avenue  
**EXISTING**



Eastbound at Shepherd Avenue  
**PROPOSED**

# Phelps Avenue



Eastbound at Phelps Avenue  
**EXISTING**



Eastbound at Phelps Avenue  
**PROPOSED**

# Next Steps in the Project Schedule



\* FY= FISCAL YEAR, July 1 to June 30; All dates are subject to change.

# Get Involved



In Person



Virtually



Email or Mail



Telephone

## In-person



- Submit a written comment form
- Written comments are part of the public record

# Other Ways to Submit Comments



**Contact the Project Manager, Jesse Blouin**



**Jesse.Blouin@dot.state.fl.us**



**719 S. Woodland Blvd., MS 501  
DeLand, FL 32720**



**386-943-5167**

# Stay Informed

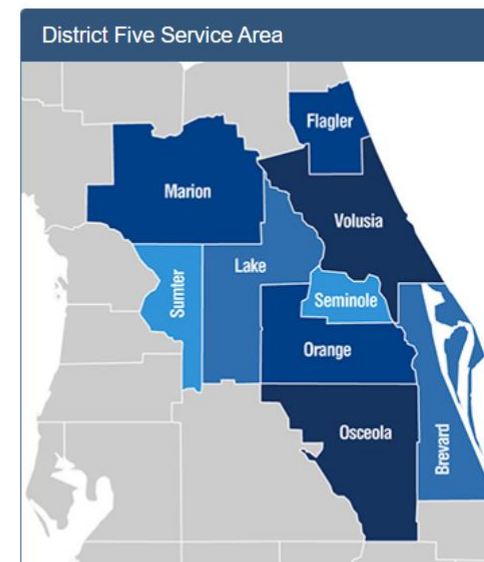


CFLRoads Home Lane Closures ▾ Construction Projects ▾ Future Projects ▾ Search CFLRoads... **Go**

Welcome to FDOT's District Five Projects Website



Grab Your Running Shoes: Learn about upcoming trail plans and projects  
Looking for the nearest trail to explore? Check here for SUN Trail funded construction projects – both completed and on the horizon! [More...](#)



Other Service Areas	
Southwest Florida	South Florida
Northeast Florida	West Central Florida
Northwest Florida	Turnpike
Southeast Florida	

- Go to the project website on [www.cflroads.com](http://www.cflroads.com)
- Enter the project number (451282-1) in the search box at the top right and click “go”



# Thank You for Participating



**SAFETY IS  
EVERYONE'S  
RESPONSIBILITY**



**THE  
SAFE  
SYSTEM**

**APPROACH**

Zero is our goal. A Safe System is how we will get there.



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*Please submit questions or comments by June 23, 2023*

# Thank You for Participating



This concludes the presentation.

We now invite you to view the event materials and exhibits and talk to the project team members.

The presentation will begin again in a few moments....