



Orange Blossom Trail (U.S. 17-92/U.S. 441)

From Holden Avenue to 34th Street

Resurfacing and Pedestrian Improvements

Orange County, Florida

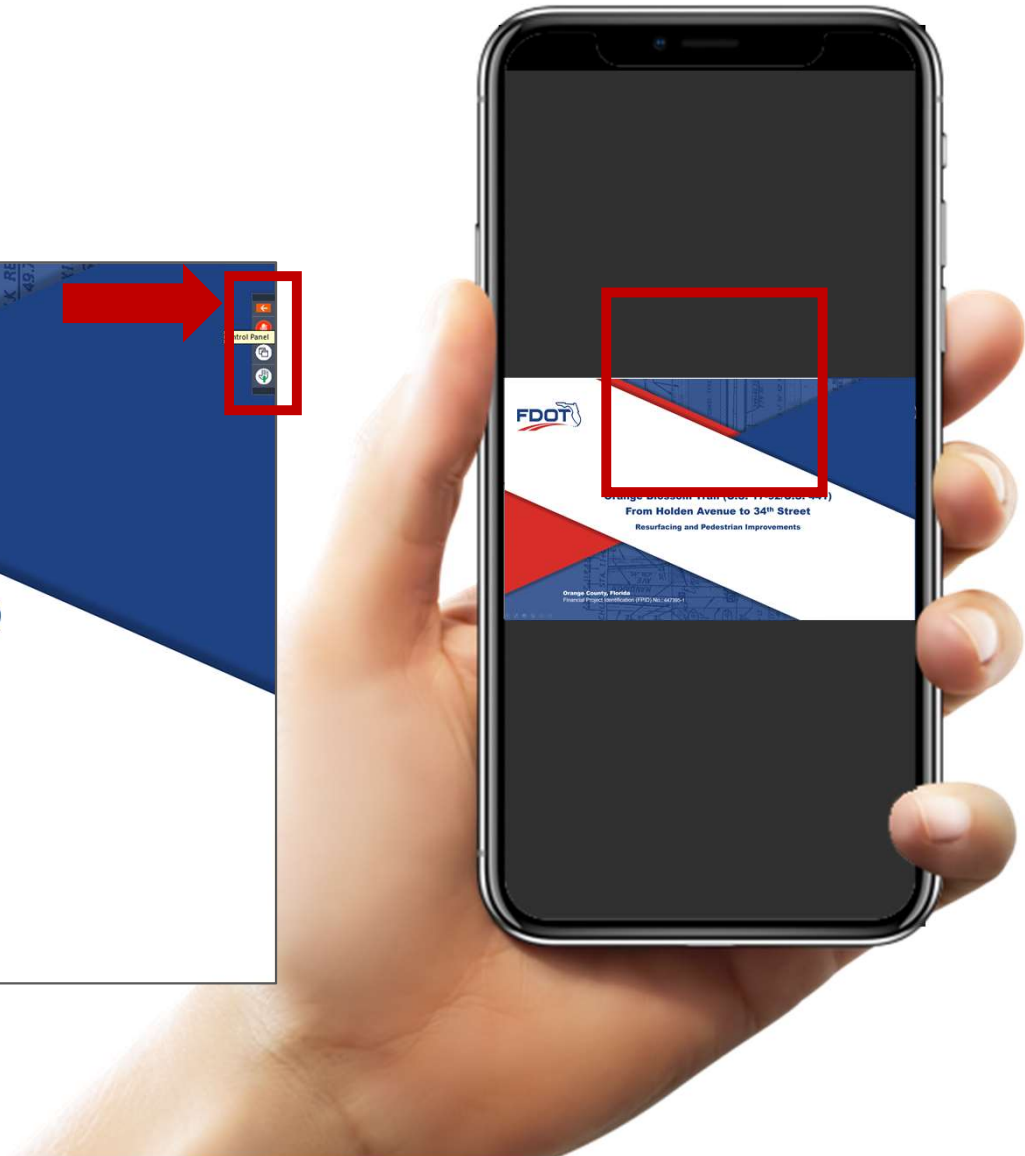
Financial Project Identification (FPID) No.: 447395-1

Using GoToWebinar



Using GoToWebinar

Accessing the Control Panel

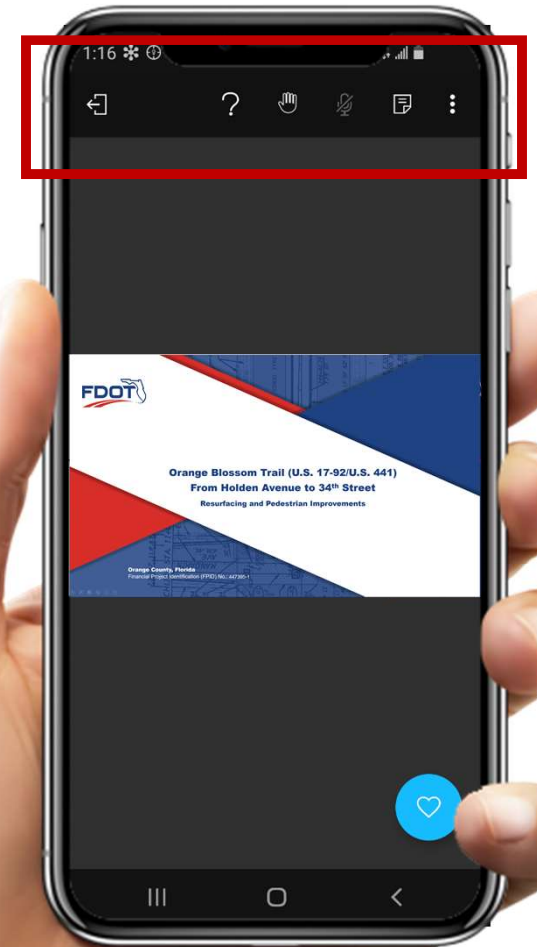


Using GoToWebinar

Control Panel Overview



The image shows a webinar control panel. On the left is a presentation slide with the FDOT logo and the following text: **Orange Blossom Trail (U.S. 17-92/U.S. 441)**, **From Holden Avenue to 34th Street**, **Resurfacing and Pedestrian Improvements**. Below the slide, it says "Orange County, Florida" and "Financial Project Identification (FPID) No.: 447395-1". On the right is a control panel with a red border. It includes a "Sound Check" section with "Computer audio" selected, "Phone call" and "No audio" options, and a "MUTED" status for the "Microphone Array (Conexant SSST Au...)". It also shows "Handouts: 2" with two PDF files listed, a "Questions" section with an input field and "Send" button, and a "Webinar Practice Session" section with "Webinar ID: 748-785-643" and a "GoToWebinar" logo.

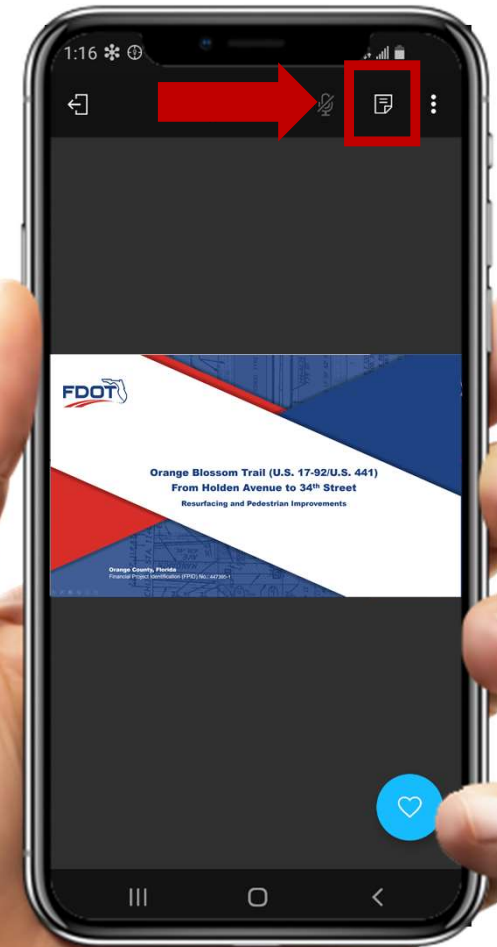


Using GoToWebinar

Downloading Project Files



The screenshot shows a desktop view of a GoToWebinar session. On the left is a presentation slide with the FDOT logo and the following text: "Orange Blossom Trail (U.S. 17-92/U.S. 441) From Holden Avenue to 34th Street Resurfacing and Pedestrian Improvements". Below the slide, it says "Orange County, Florida" and "Financial Project Identification (FPID) No.: 447395-1". On the right, the GoToWebinar interface is visible, including a "Handouts" section with a red box highlighting two PDF files: "437575-1 OBT Sidewalk Fact Sheet 020520..." and "437595-1 US 1 at MWP Comment Form.pdf". A red arrow points from the slide to the handouts menu.

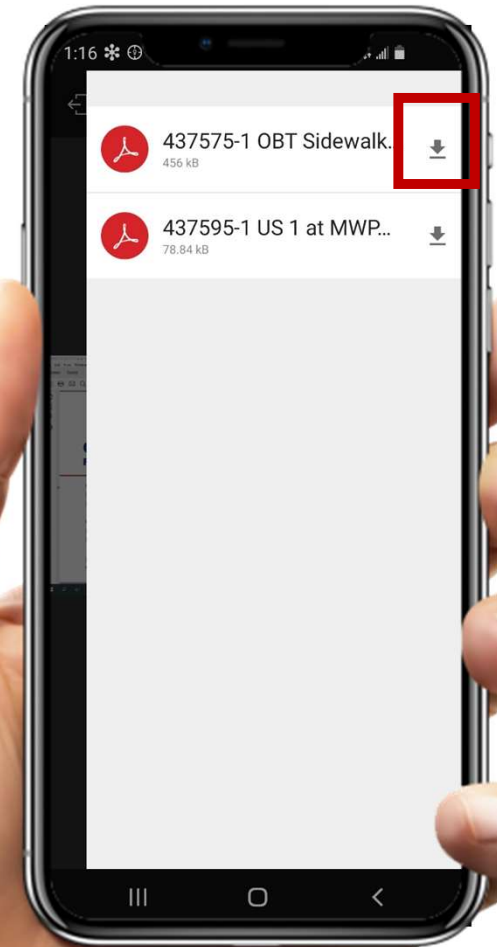


Using GoToWebinar

Downloading Project Files



The screenshot shows a presentation slide with the FDOT logo in the top left. The slide title is "Orange Blossom Trail (U.S. 17-92/U.S. 441) From Holden Avenue to 34th Street Resurfacing and Pedestrian Improvements". Below the title, it says "Orange County, Florida" and "Financial Project Identification (FPID) No.: 447395-1". A red arrow points from the slide to a GoToWebinar interface. In the interface, a "Handouts" section is highlighted with a red box, containing two files: "437575-1 OBT Sidewalk Fact Sheet 020520..." and "437595-1 US 1 at MWP Comment Form.pdf".

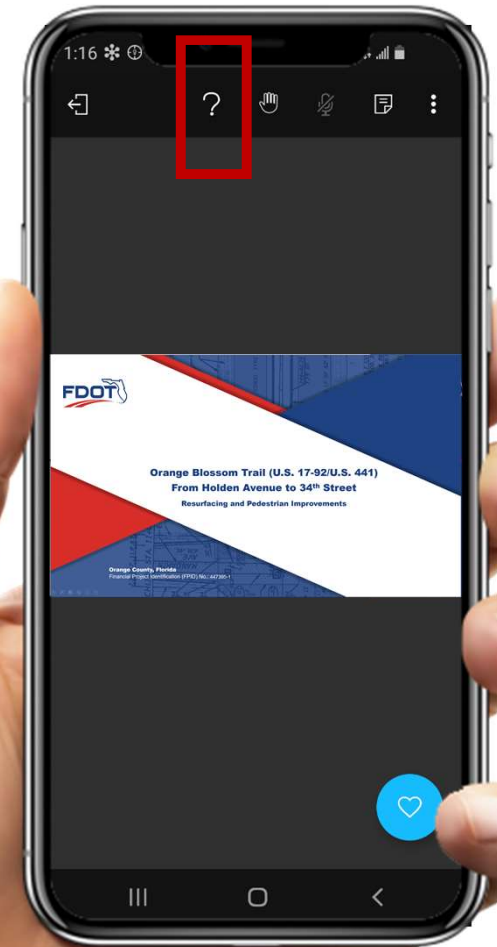


Using GoToWebinar

Asking a Question



The screenshot shows a desktop view of a GoToWebinar session. The main content is a presentation slide with the FDOT logo and the following text: **Orange Blossom Trail (U.S. 17-92/U.S. 441)**, **From Holden Avenue to 34th Street**, and **Resurfacing and Pedestrian Improvements**. At the bottom of the slide, it says "Orange County, Florida" and "Financial Project Identification (FPID) No.: 447395-1". A red arrow points from the slide to a 'Questions' panel on the right side of the interface. The 'Questions' panel has a text input field with the placeholder text "[Enter a question for staff]". Above the 'Questions' panel, there is an audio control window showing 'MUTED' and 'Microphone Array (Conexant SSST Audio)'. Below the 'Questions' panel, there is a 'Webinar Practice Session' window with 'Webinar ID: 748-785-643' and 'This session is being recorded.' The GoToWebinar logo is at the bottom right of the interface.

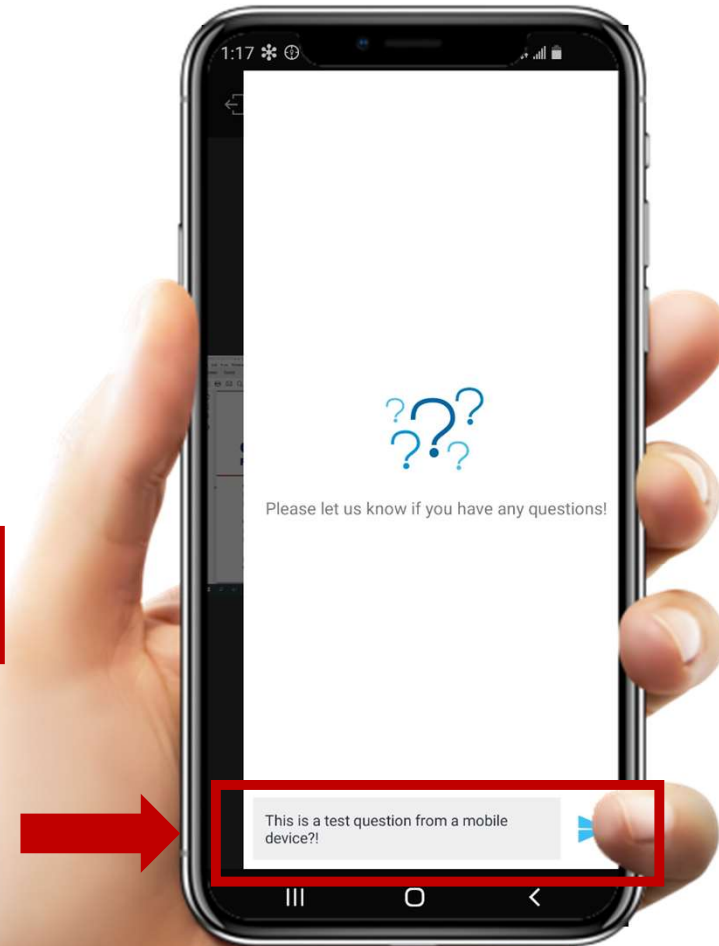


Using GoToWebinar

Asking a Question



The screenshot shows a presentation slide with the FDOT logo in the top left. The slide title is "Orange Blossom Trail (U.S. 17-92 (U.S. 44)) From Holden Avenue to 34th Street Resurfacing and Pedestrian Improvements". Below the title, it says "Orange County, Florida" and "Financial Project Identification (FPID) No.: 447395-1". On the right side of the slide, there is a "Questions" box with a red border and a red arrow pointing to it. The box contains a text input field with the placeholder text "[Enter a question for staff]". Below the input field, there is a "Webinar Practice Session" section with "Webinar ID: 748-785-643" and "This session is being recorded." and the GoToWebinar logo.





Orange Blossom Trail (U.S. 17-92/U.S. 441)

From Holden Avenue to 34th Street

Resurfacing and Pedestrian Improvements

Orange County, Florida

Financial Project Identification (FPID) No.: 447395-1

Title VI



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

District Five – DeLand Office
Florida Department of Transportation
Jennifer Smith
District Five Title VI Coordinator
719 South Woodland Boulevard
Mail Station 506
DeLand, FL 32720-6834
386-943-5367
jennifer.smith2@dot.state.fl.us

Central Office - Tallahassee
Florida Department of Transportation
Jacqueline Paramore
State Title VI Coordinator
605 Suwannee Street
Mail Station 65
Tallahassee, FL 32399-0450
850-414-4753
jacqueline.paramore@dot.state.fl.us



Project Location

The project location is on Orange Blossom Trail (U.S. 17-92/U.S. 441)

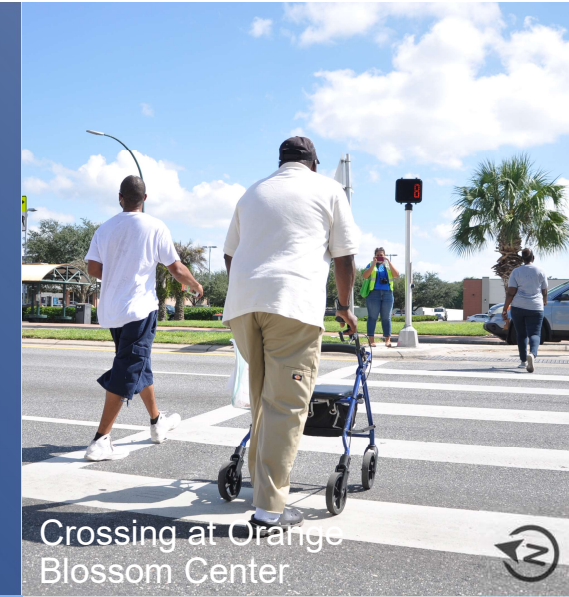
from Holden Avenue to 34th Street



FPID No.: 447395-1

Project Objectives

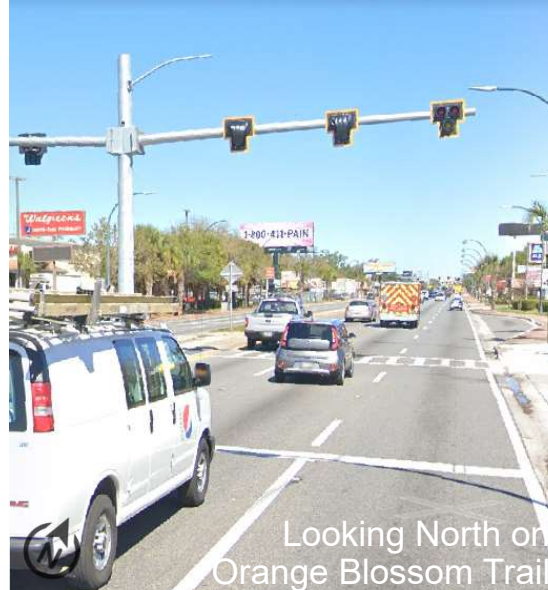
**Improve
Pedestrian
Safety**



Crossing at Orange Blossom Center



**Community
Enhancements**

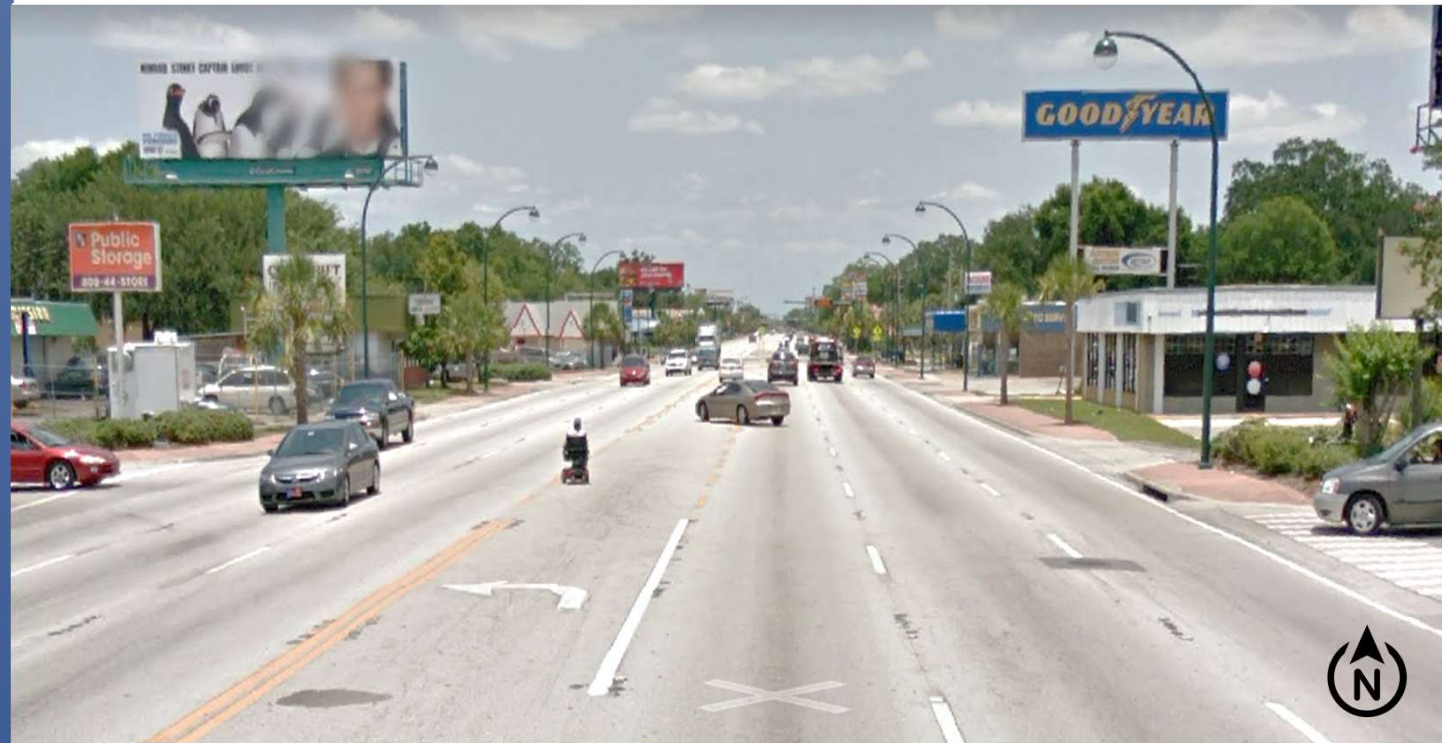


Looking North on Orange Blossom Trail

Pre-2007

- 7-lane section
- 45 MPH

Improvement History



Looking North on Orange Blossom Trail

2007

- Installed 3 mid-block crossings

Improvement History



Looking North on Orange Blossom Trail

Improvement History

2007

- Installed 3 mid-block crossings

2012

- Installed a raised median along the corridor



Looking North on Orange Blossom Trail

Improvement History

2007

- Installed 3 mid-block crossings

2012

- Installed a raised median along the corridor

2014

- Reduced speed limit to 40 MPH



Looking North on Orange Blossom Trail

Improvement History

2007

- Installed 3 mid-block crossings

2012

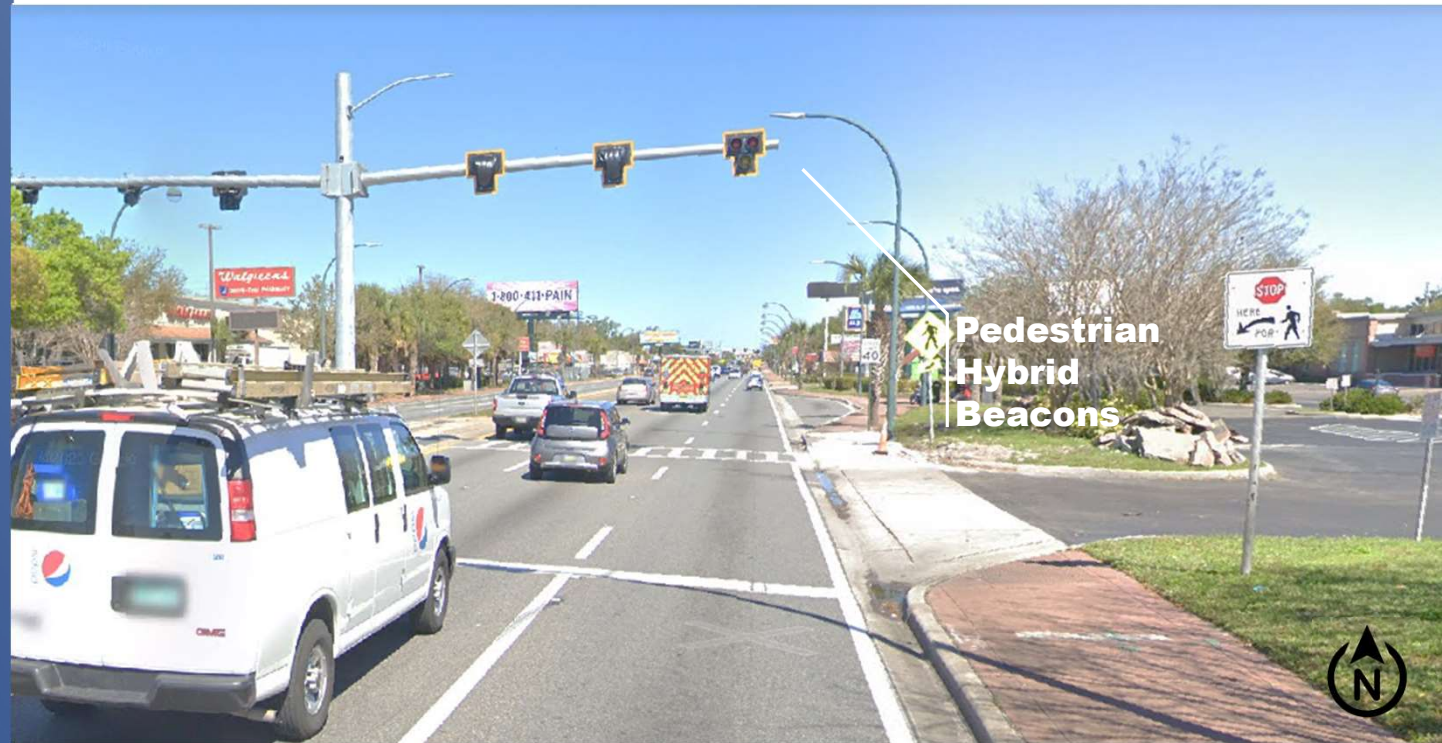
- Installed a raised median along the corridor

2014

- Reduced speed limit to 40 MPH

2020

- Installed Pedestrian Hybrid Beacons (PHBs)



Looking North on Orange Blossom Trail

Future Improvements

2007

- Installed 3 mid-block crossings

2012

- Installed raised median along corridor

2014

- Reduced speed limit to 40 MPH

2020

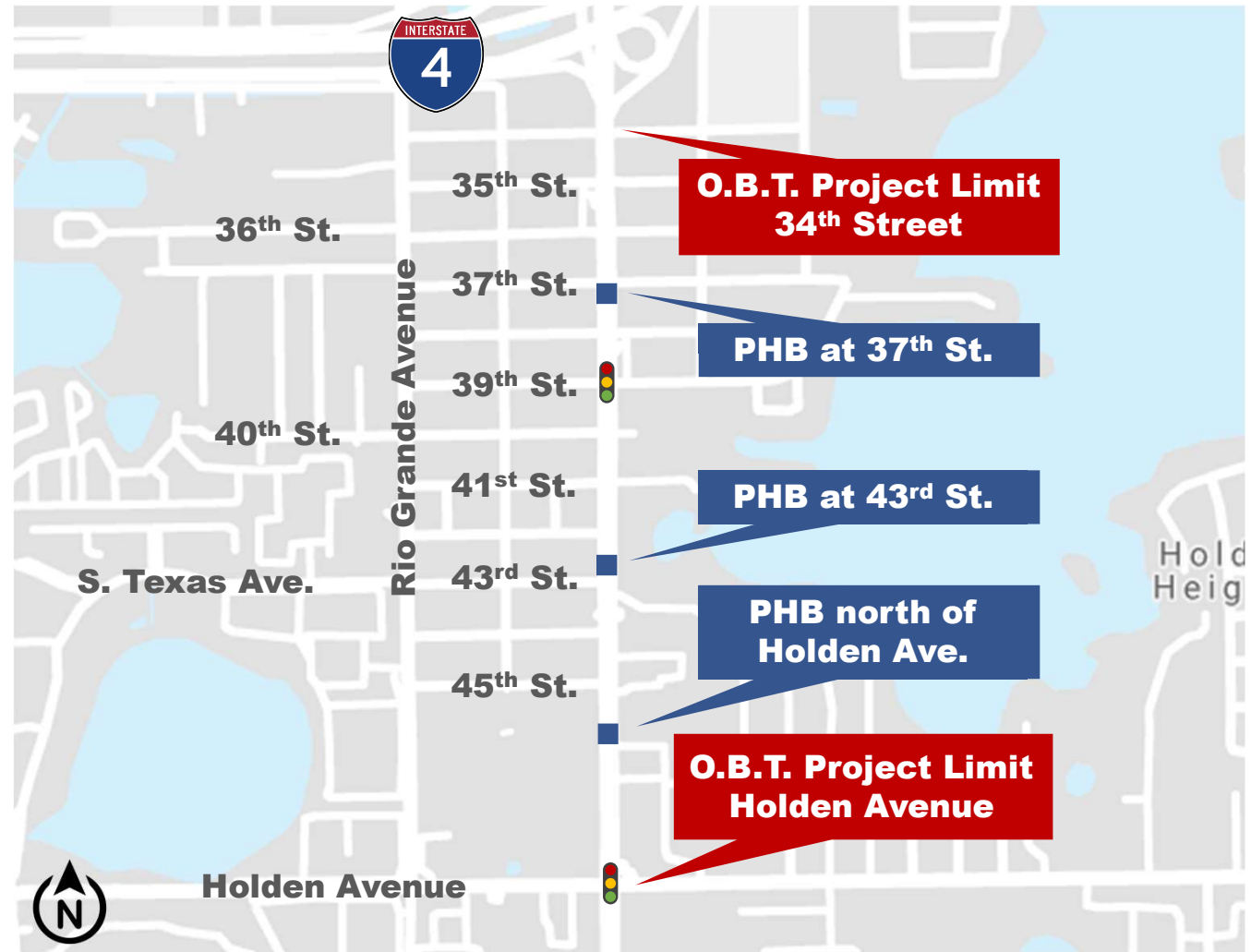
- Installed Pedestrian Hybrid Beacons (PHBs)



Proposed Improvements
Looking North on Orange
Blossom Trail

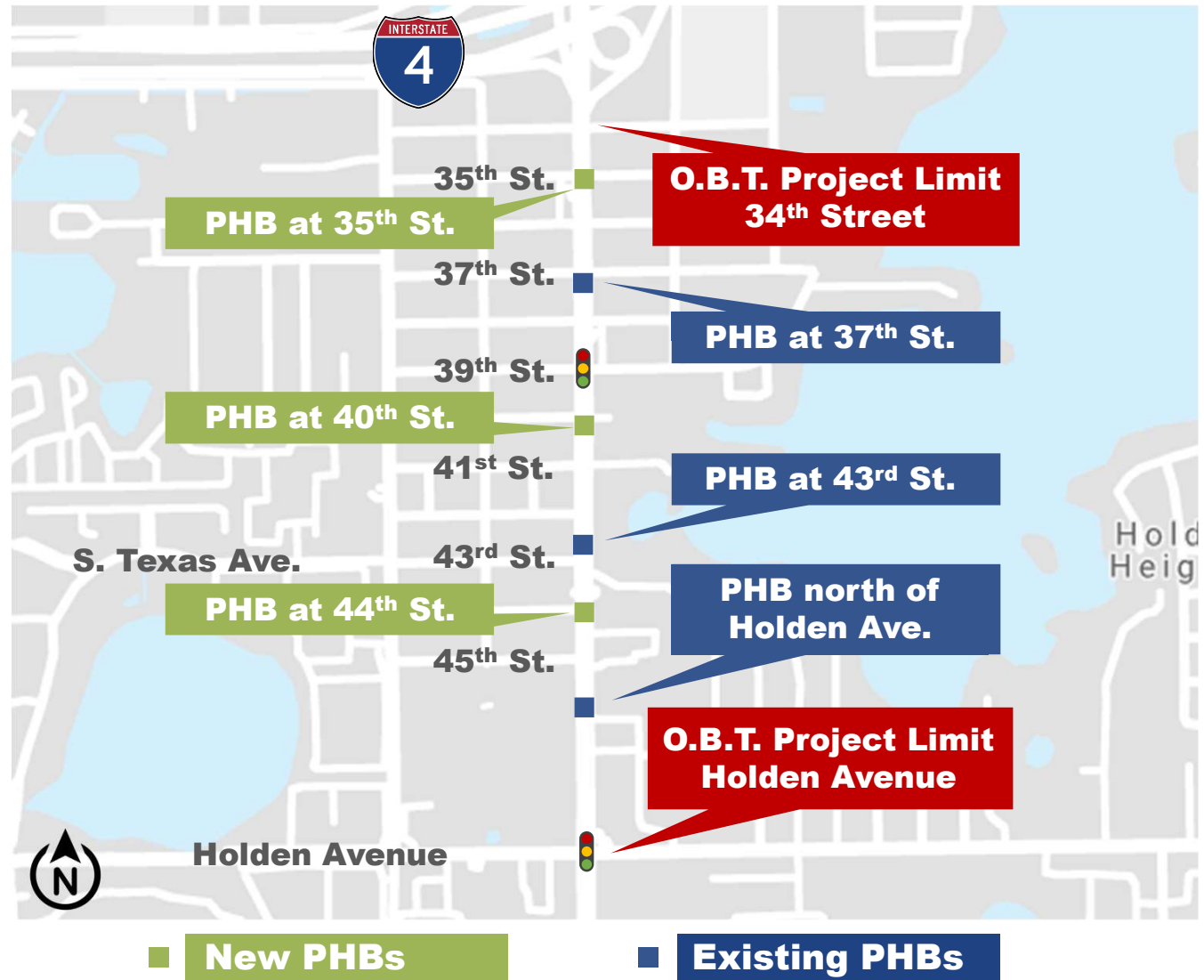
Pedestrian Hybrid Beacon Locations

- North of Holden Avenue
- At 43rd Street
- At 37th Street



Pedestrian Hybrid Beacon Locations

- 44th Street
- 40th Street
- 35th Street

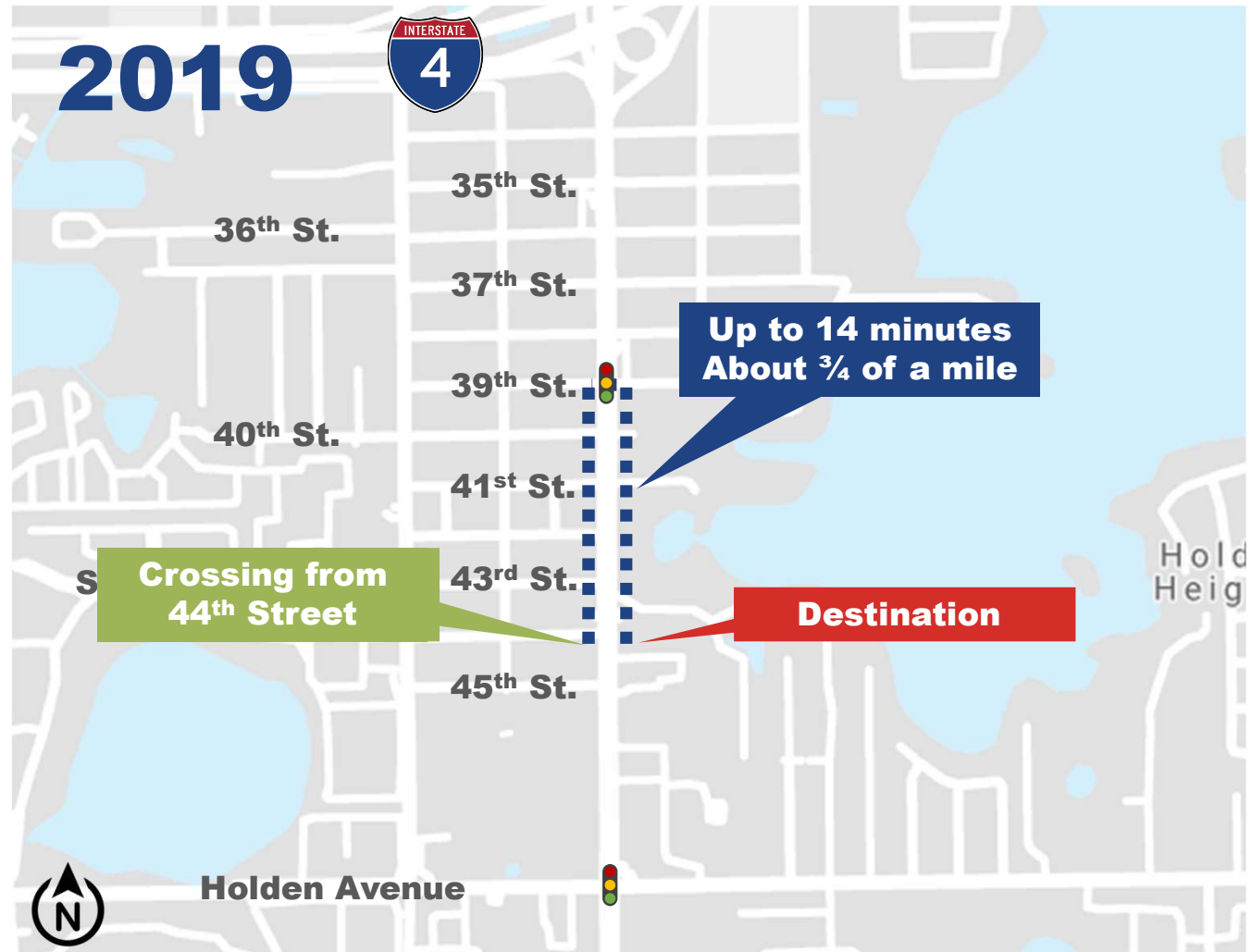


Crossing Time Before PHB Installation

Could be up to:

- 14 minutes by foot
- Nearly three quarters of a mile

2019



Crossing Time With First PHB Installation

Could be up to:

- 5 minutes by foot
- Nearly a quarter of a mile

2020



FPID No.: 447395-1

Crossing Time With Three Additional PHBs

Maximum of:

- 3 minutes by foot
- Less than 2/10^{ths} of a mile

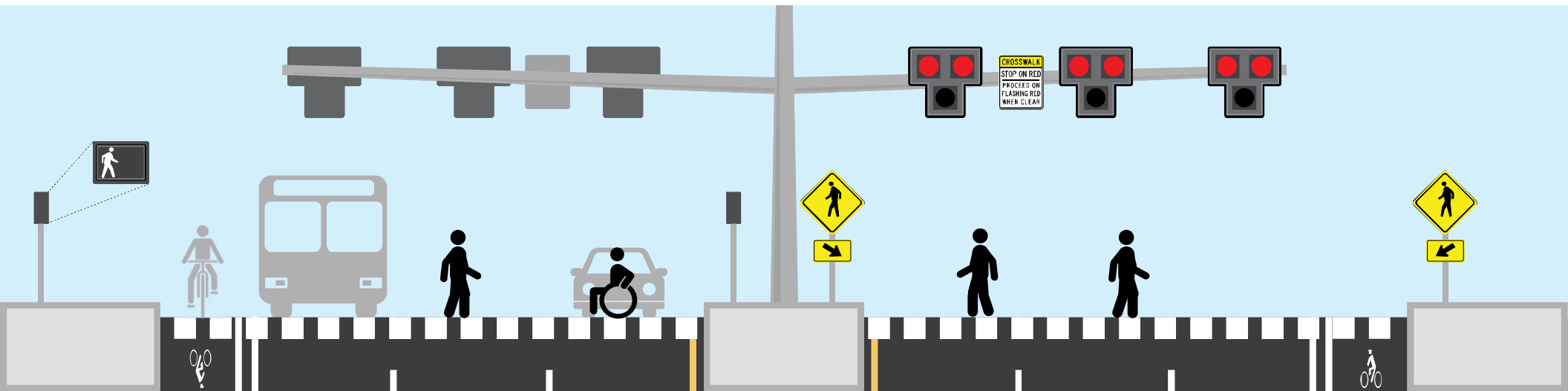
2022



FPID No.: 447395-1

Pedestrian Hybrid Beacons

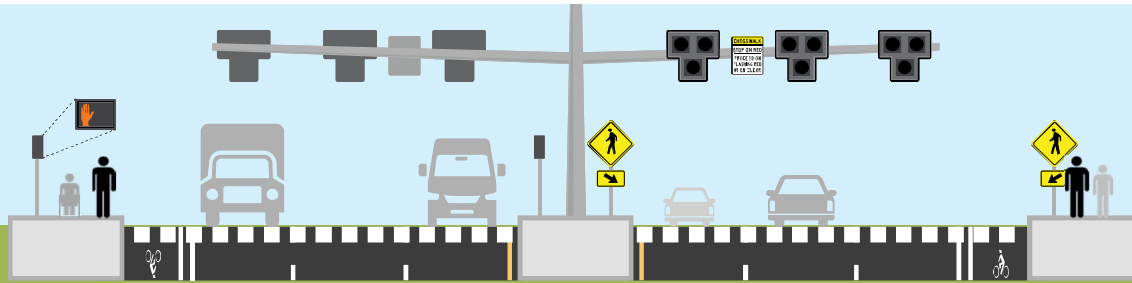




What is a Pedestrian Hybrid Beacon (PHB)?

- A Pedestrian Hybrid Beacon (PHB) is an overhead traffic device designed to assist pedestrians in crossing roadways at mid-block crossing locations by requiring motorists to stop during the red phase.
- It has two side-by-side red lights above a single yellow light.
- However, unlike a regular traffic signal, the signal face for drivers remains “dark” until the pedestrian activates the beacon.
- Pedestrian movements are controlled by ordinary pedestrian signals.

**PHB Phase:
DON'T WALK**



Pedestrians

See This



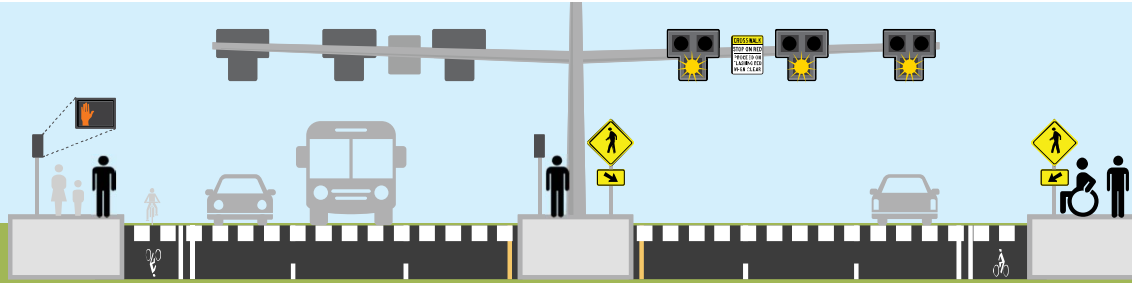
Do This

Push Button to Cross

Pedestrians must not cross. To activate the PHB, pedestrians must push the button and wait for the "WALK" signal.



**PHB Phase:
DON'T WALK**



Pedestrians

See This



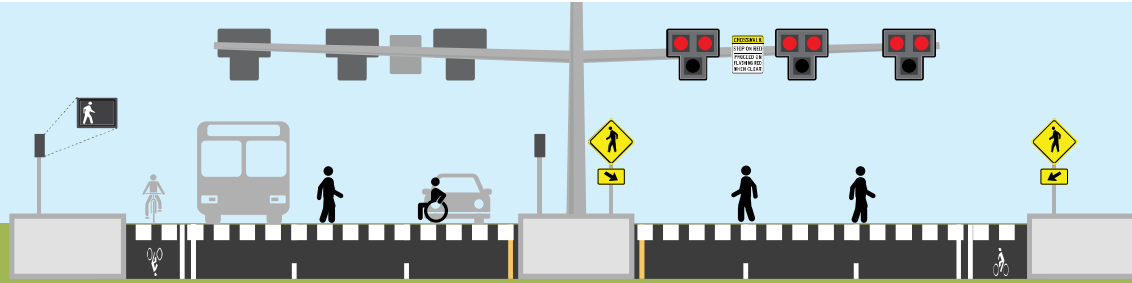
Do This

Wait!

Motorists have been alerted that pedestrians want to cross. Traffic will stop momentarily.



**PHB Phase:
WALK**



Pedestrians

See This



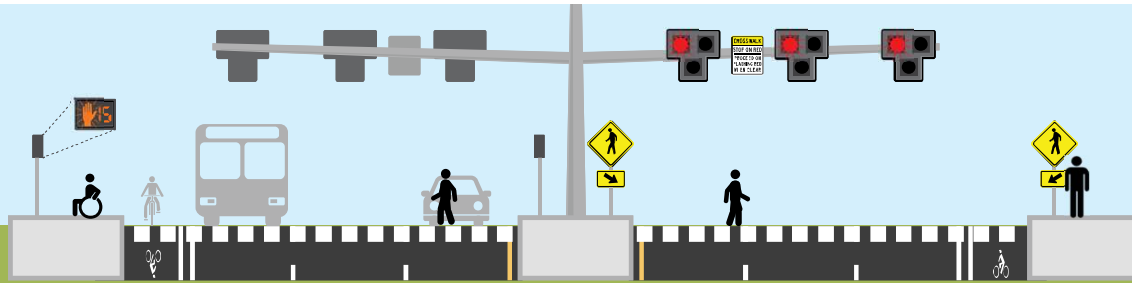
Do This

Start Crossing

While motorists are seeing the steady red, the “WALK” signal is lit for pedestrians, allowing them to begin crossing the roadway.

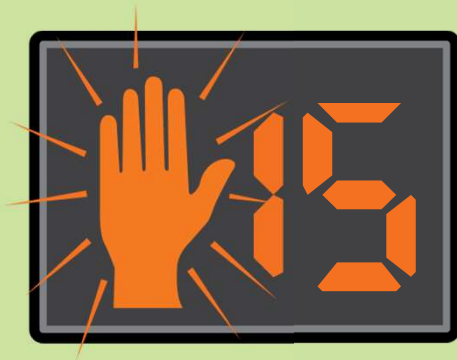
Pedestrians should look in both directions to ensure that all vehicles are stopped before entering the crosswalk.

**PHB Phase:
COUNTDOWN**



Pedestrians

See This



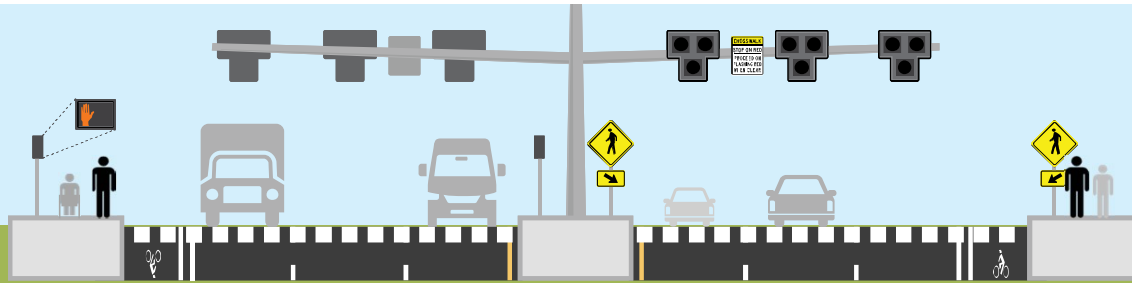
Do This

Finish Crossing

The pedestrian signal changes to a flashing DON'T WALK symbol and countdown timer to notify pedestrians how much time they have to finish crossing.

Do not begin crossing during this countdown.

**PHB Phase:
DON'T WALK**



Pedestrians

See This



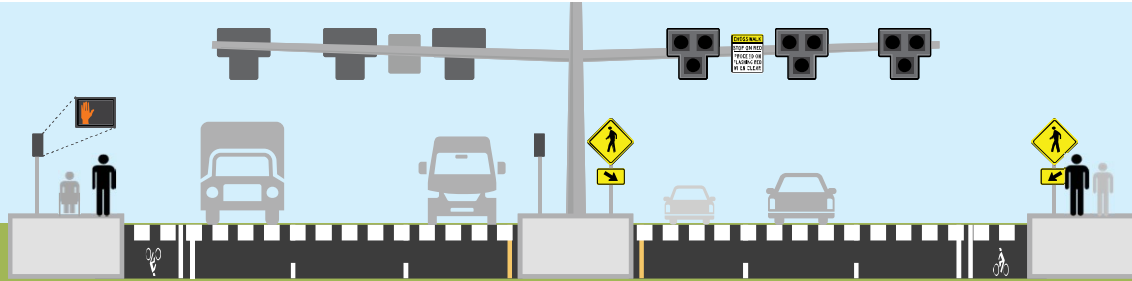
Do This

Push Button to Cross

Pedestrians must not cross. To activate the PHB, pedestrians must push the button and wait for the "WALK" signal.

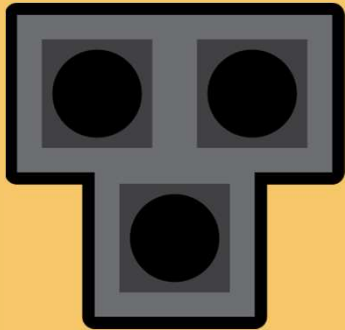


**PHB Phase:
DARK**



Motorists

See This



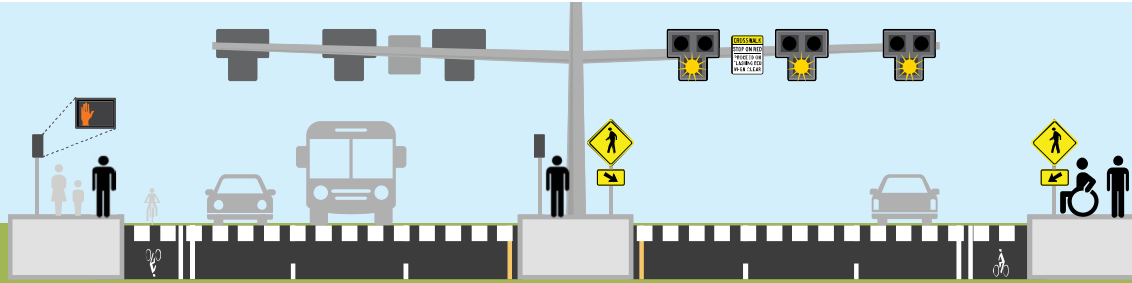
Do This

Proceed with Caution

The signal face remains "dark" until pedestrians activate the beacon.

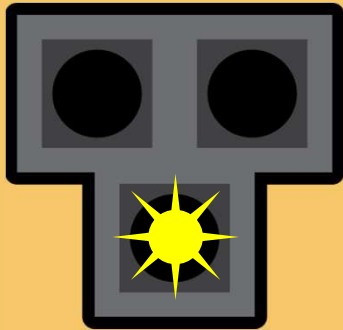
Motorists may proceed with traffic.

**PHB Phase:
YELLOW FLASH**



Motorists

See This

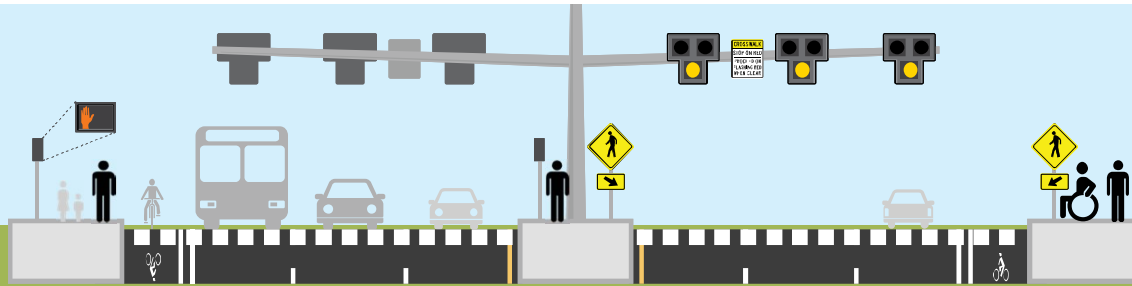


Do This

Be Alert

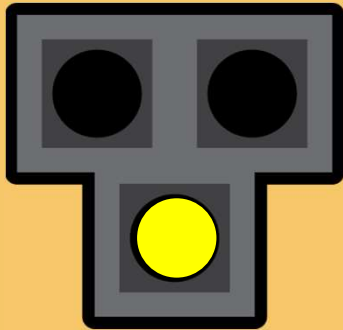
The beacon begins to flash yellow to warn motorists that it has been activated by a pedestrian waiting to cross the street and they will soon be required to stop.

**PHB Phase:
SOLID YELLOW**



Motorists

See This

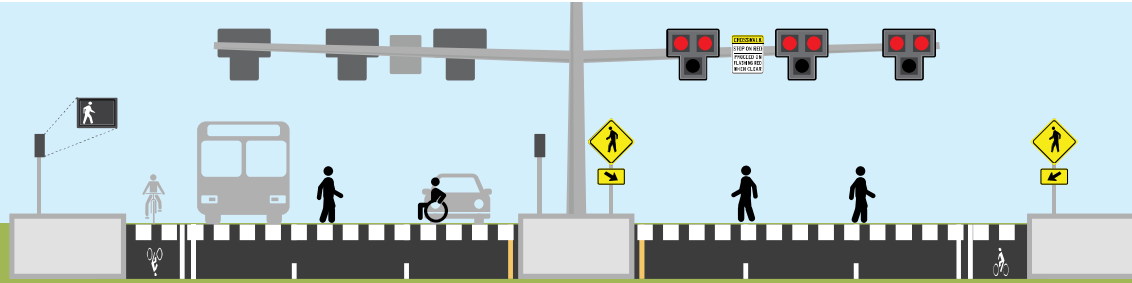


Do This

Stop if You Can

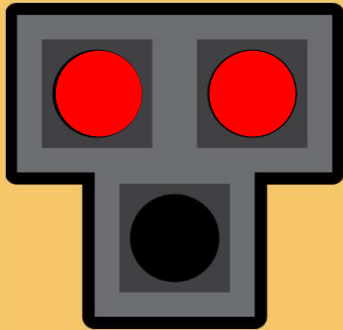
The brief flashing yellow is followed by a steady yellow to direct motorists that they must stop if they can safely do so because the signal is about to turn red.

**PHB Phase:
SOLID RED**



Motorists

See This



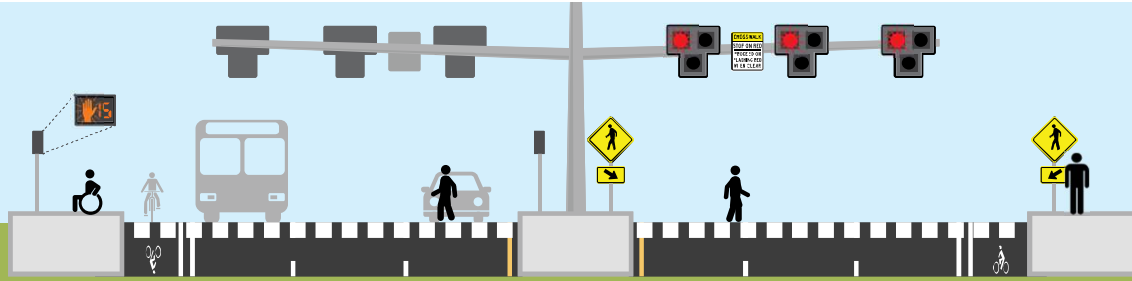
Do This

Come to a Complete Stop!

The steady yellow is followed by a steady red signal requiring motorists to come to a complete stop at the stop line.

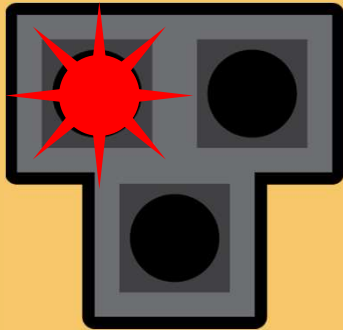
Pedestrians are in the crosswalk.

**PHB Phase:
SOLID RED**



Motorists

See This



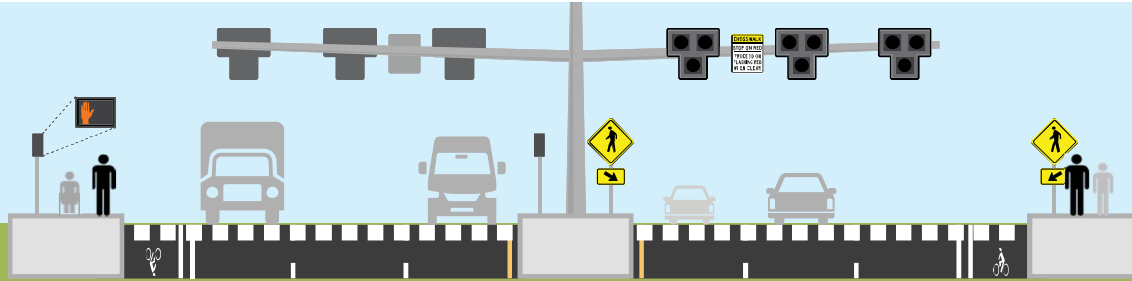
Do This

Stay Stopped Until Clear!

The flashing red light indicates to motorists that they must remain stopped while pedestrians are in the crosswalk but may proceed with caution once pedestrians are clear.

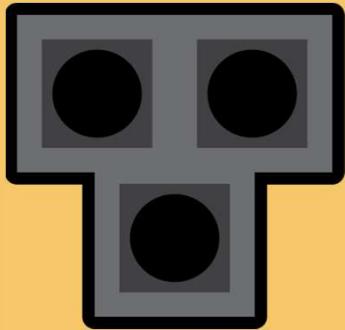
Each vehicle in the queue must stop upon reaching the stop bar until the phase ends.

**PHB Phase:
DARK**



Motorists

See This



Do This

Proceed with Caution

The signal face remains “dark” until pedestrians activate the beacon.

Motorists may proceed with traffic.

Approaching PHBs

Northbound Orange Blossom Trail
Creating a safer pedestrian environment



FPID No.: 447395-1

PHB Roadway Features

Northbound Orange Blossom Trail

Creating a safer pedestrian environment



FPID No.: 447395-1

Raised Crosswalks

Orange Blossom Trail

A safer pedestrian environment



Crosswalk Section

10'

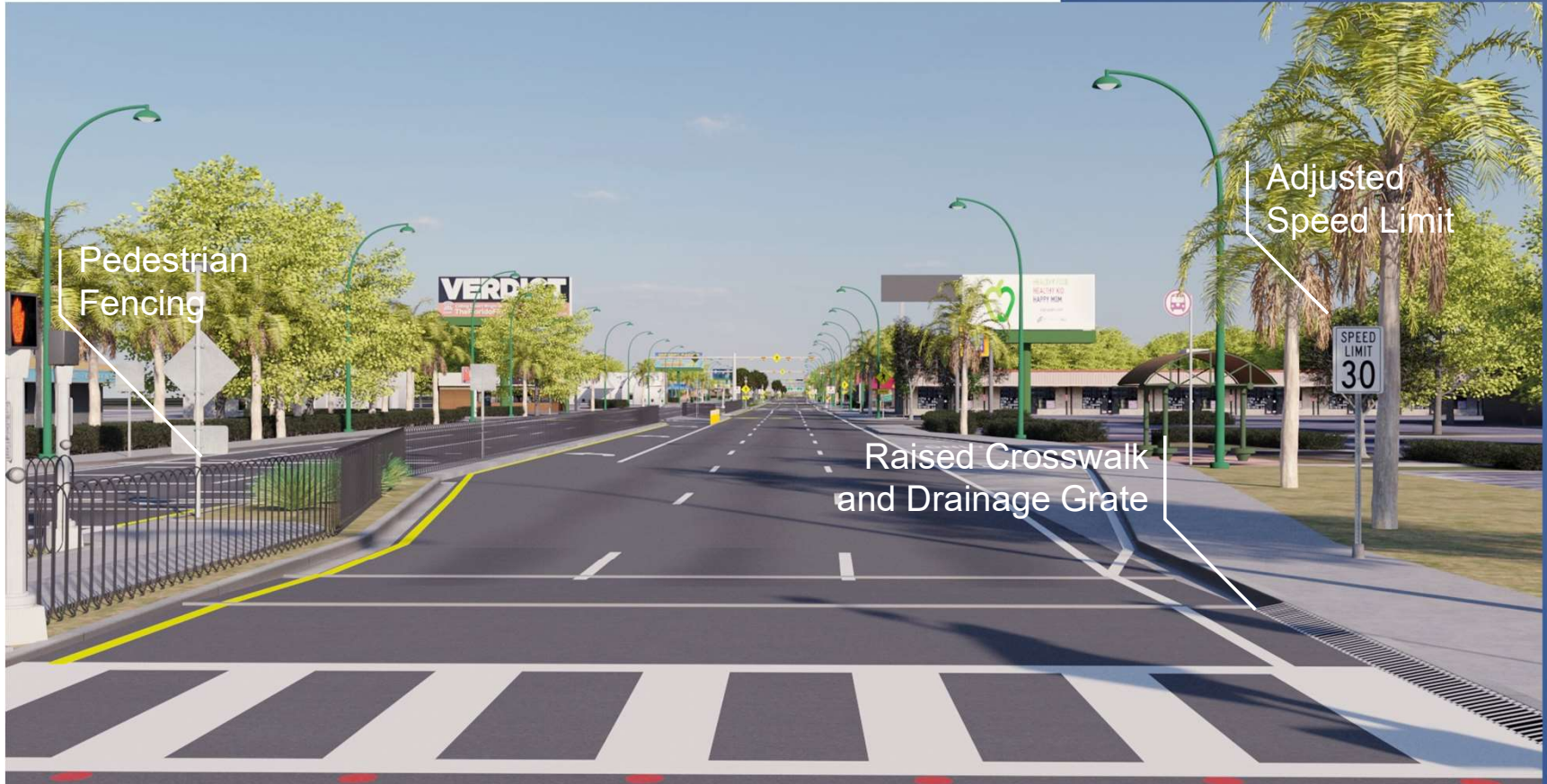
23 Feet

10'

Raised Crosswalks

Orange Blossom Trail

A safer pedestrian environment



FPID No.: 447395-1

Additional Roadway Features

Orange Blossom Trail

A safer pedestrian environment



Landscaping
For Speed
Management



FPID No.: 447395-1

Increased lighting

Better visibility
Safer crossing option



Improved
Pedestrian
Lighting



FPID No.: 447395-1

Increased lighting

Better visibility
Safer crossing option



FPID No.: 447395-1

Increased lighting

Better visibility
Safer crossing option



FPID No.: 447395-1

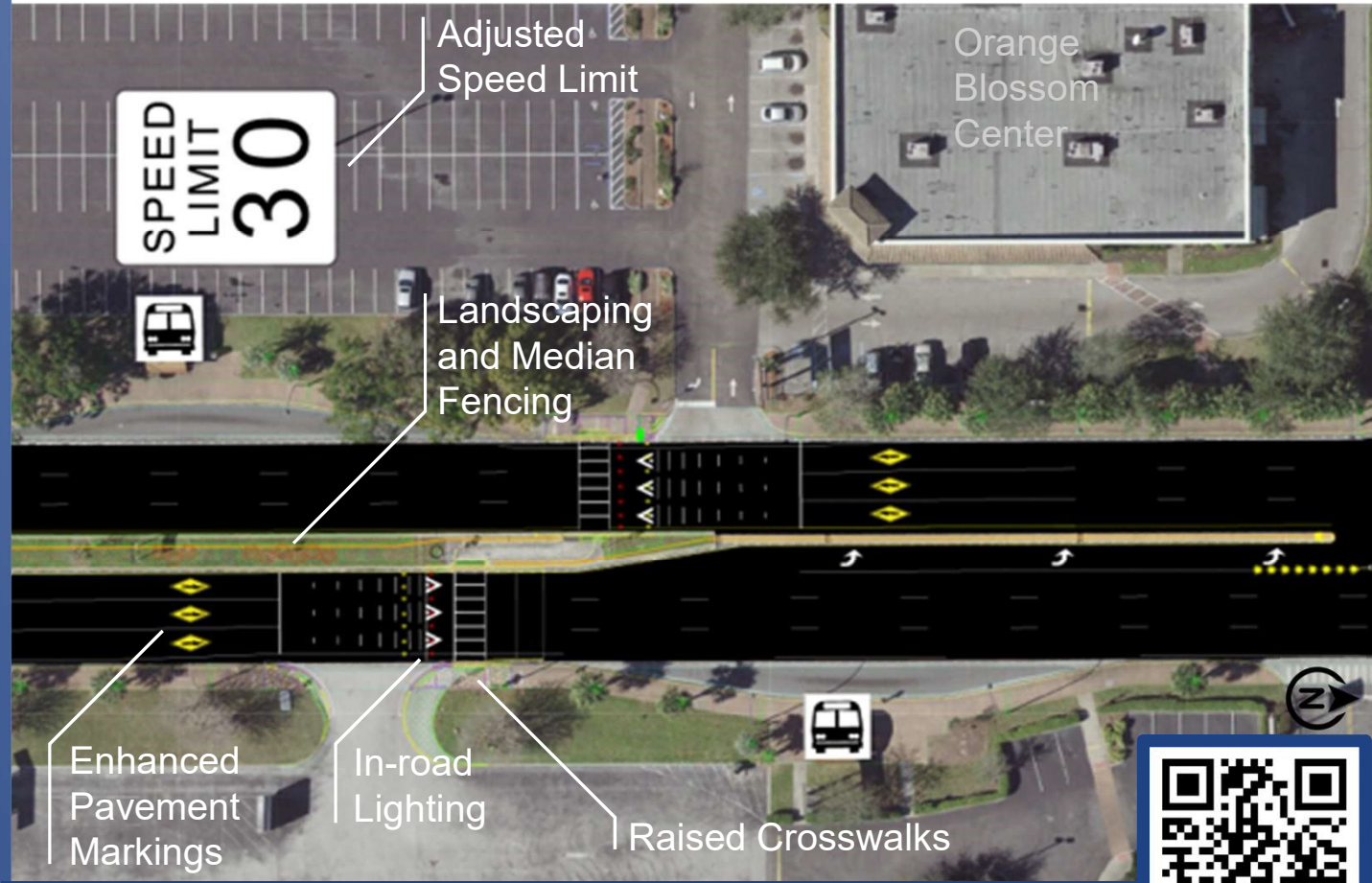
Increased lighting

Better visibility
Safer crossing option



FPID No.: 447395-1

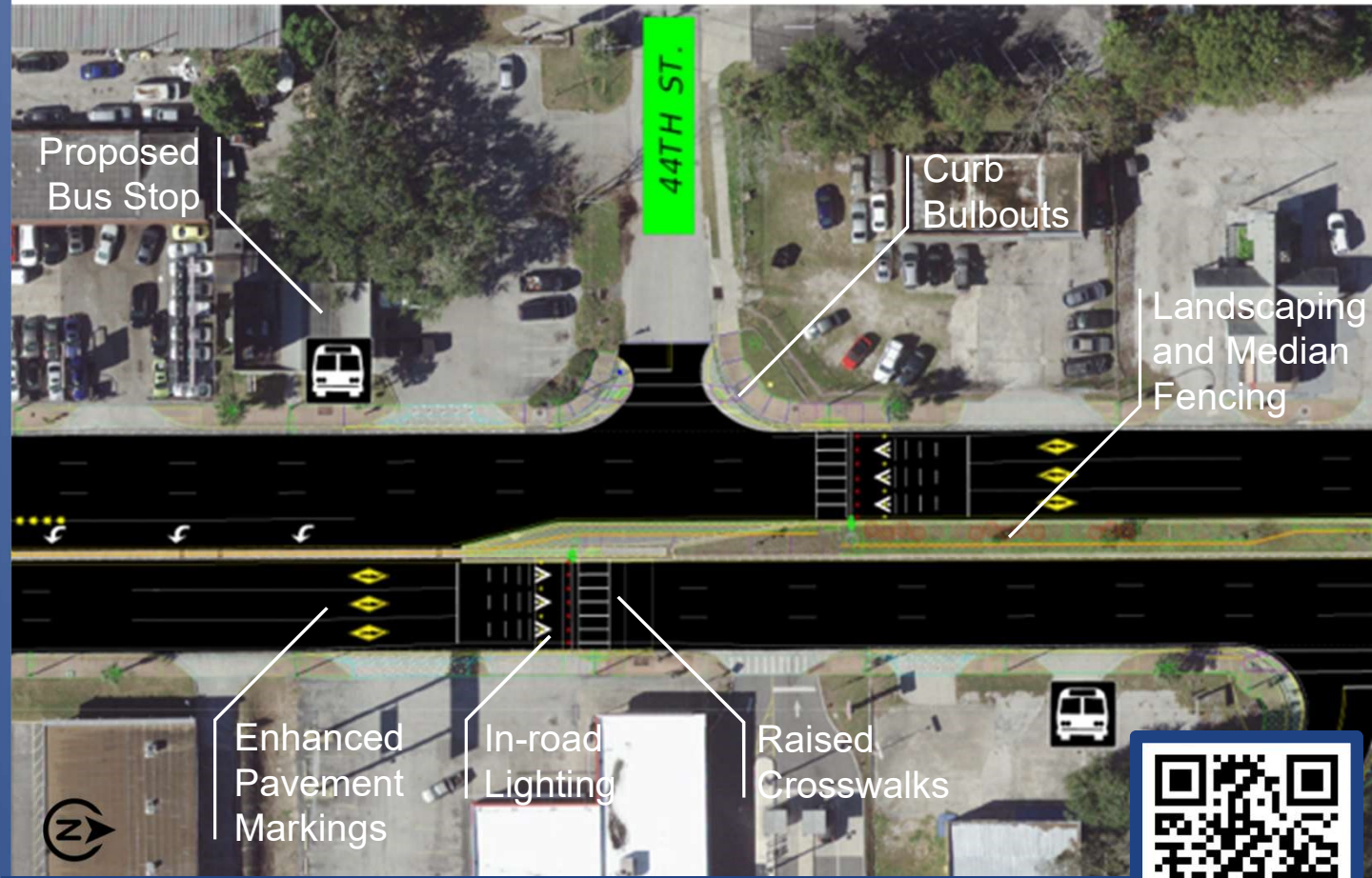
O.B.T - Crossing North of Holden Ave.



For Detailed Plans Visit: <https://www.cflroads.com/project/447395-1>



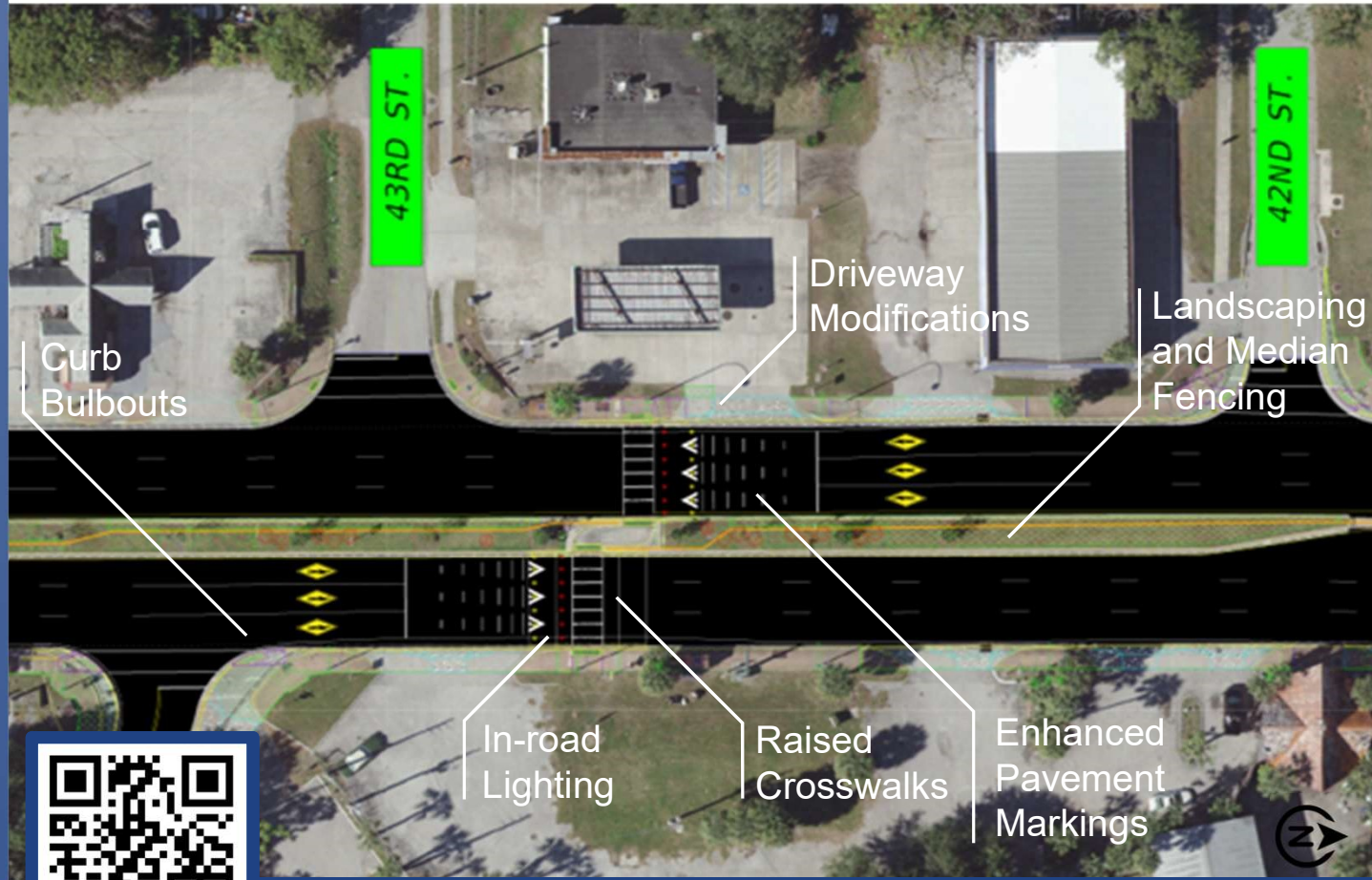
O.B.T - Crossing at 44th Street



For Detailed Plans Visit: <https://www.cflroads.com/project/447395-1>

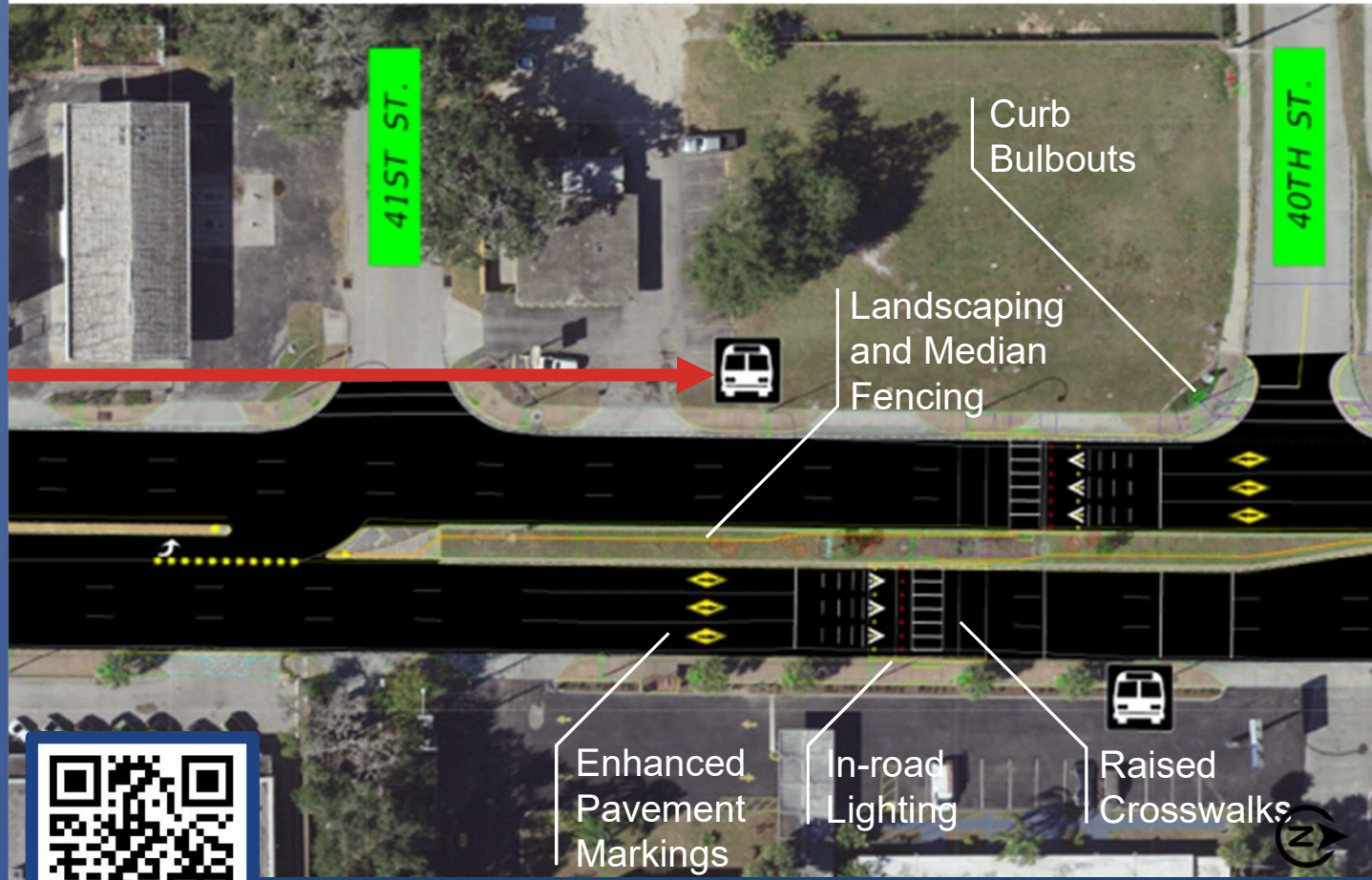


O.B.T - Crossing at 43rd Street



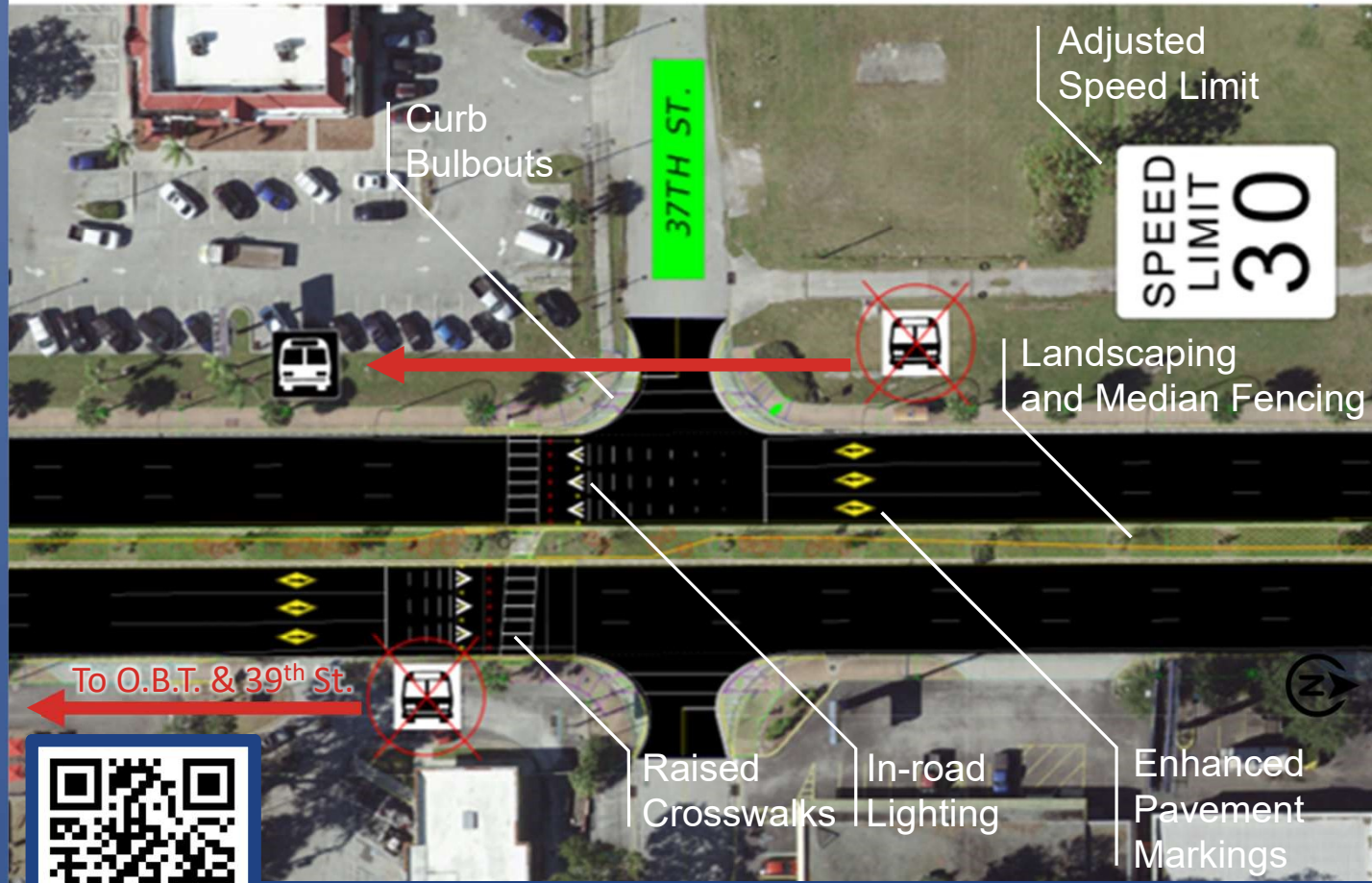
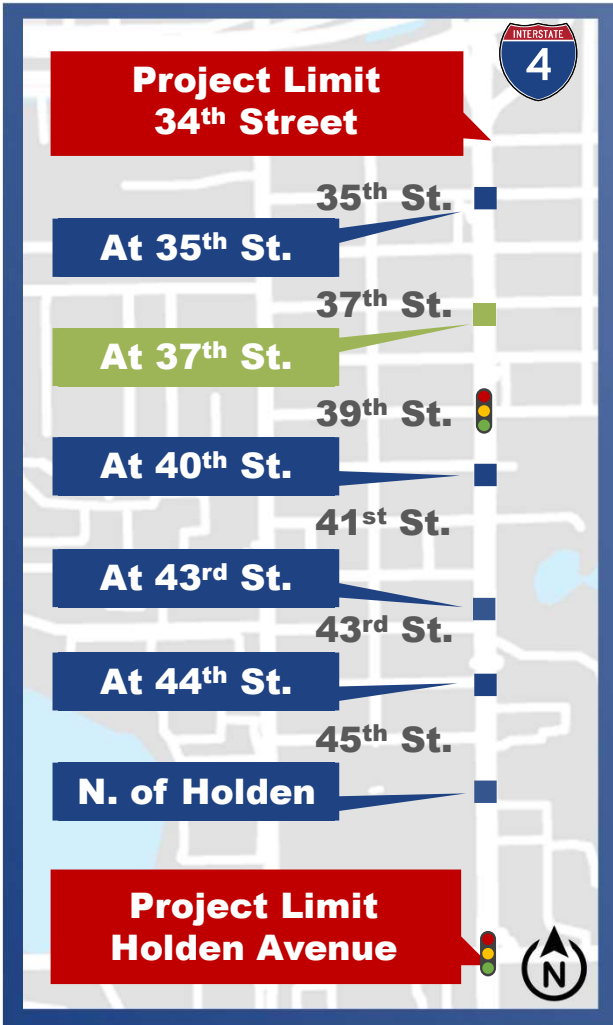
For Detailed Plans Visit: <https://www.cflroads.com/project/447395-1>

O.B.T - Crossing at 40th Street



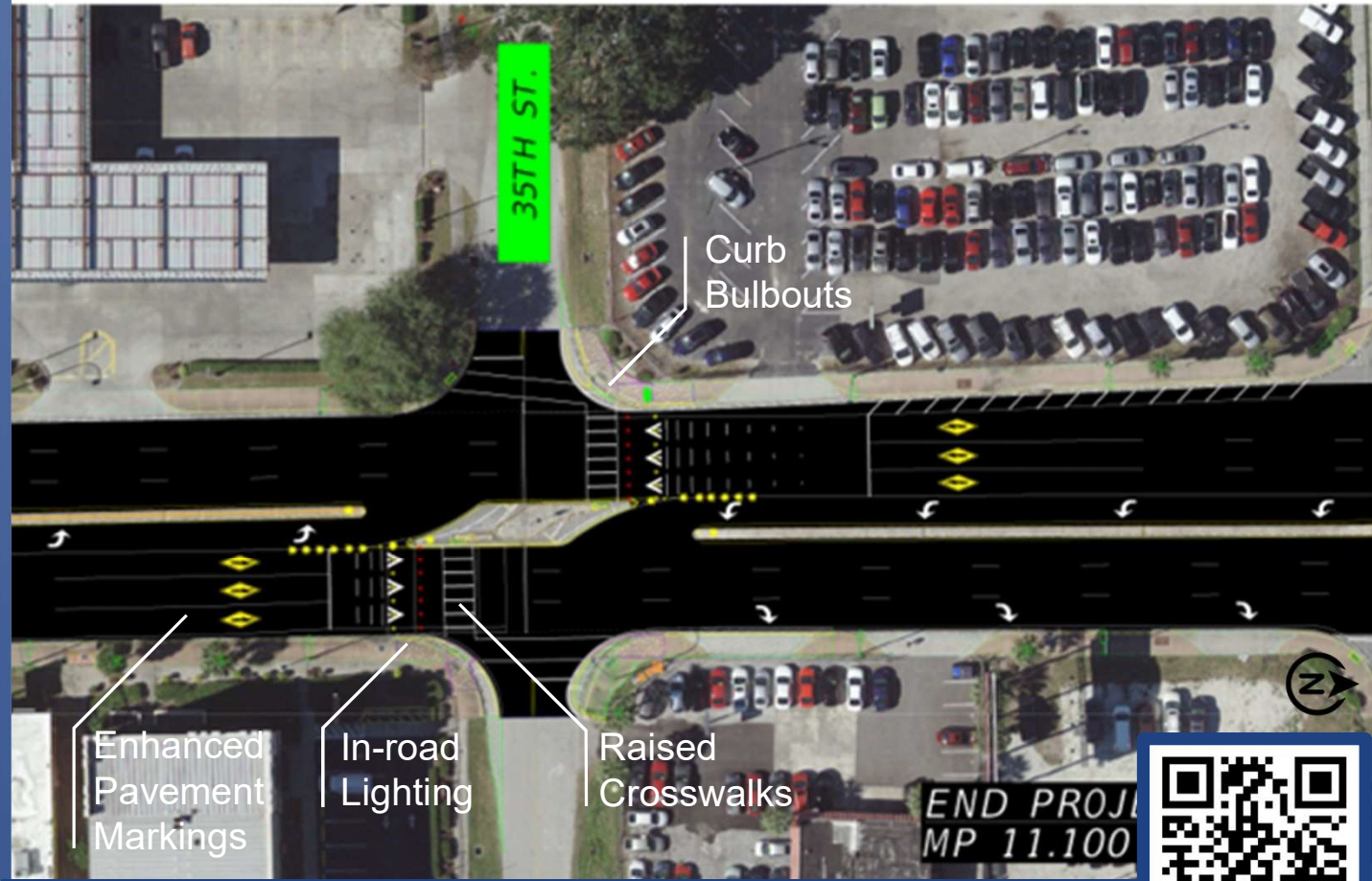
For Detailed Plans Visit: <https://www.cflroads.com/project/447395-1>

O.B.T. - Crossing at 37th Street



For Detailed Plans Visit: <https://www.cflroads.com/project/447395-1>

O.B.T - Crossing at 35th Street



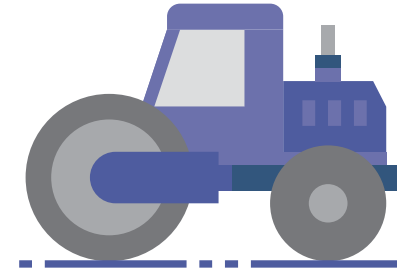
For Detailed Plans Visit: <https://www.cflroads.com/project/447395-1>



The future of O.B.T.



Estimated Schedule and Construction Cost



Design

Anticipated to
be Complete
Summer 2021

Cost: \$166
Thousand

Right of Way

Within
Existing

Construction

Anticipated
to Begin
Fall 2021

Estimated Cost:
\$5.9 Million

Mail or Email Your Comments to:

Steven Buck, P.E.

FDOT Project Manager

719 S. Woodland Boulevard, MS 543

DeLand, FL 32720

Steven.Buck@dot.state.fl.us

386-943-5171

– OR –

Lori B. Epperson, P.E.

FDOT Deputy Project Manager

719 S. Woodland Boulevard, MS 552

DeLand, FL 32720

Lori.Epperson@dot.state.fl.us

386-943-5583

How you can get involved...

- Enter your comment or question in the Question box in the GoToMeeting webinar
- Use the comment box on the project's web page at www.CFLRoads.com
- Contact the FDOT Project Manager

Go to www.CFLRoads.com

The screenshot displays the website interface for project 447395-1. At the top, the FDOT logo is visible, followed by navigation tabs: CFLRoads Home, Lane Closures, Construction Projects, Future Projects, News, and Resources. A search bar is located on the right. The main content area features a map of the project location in Holdenville, Florida, with a red line indicating the project corridor. Below the map is an 'About' section with text describing the project's purpose: to enhance pedestrian and bicycle safety along Orange Blossom Trail (State Road 500) between Holden Avenue and 34th Street. The text mentions the construction of three new mid-block crossings with Pedestrian Hybrid Beacons (PHBs) and the upgrading of existing crossings. It also lists other improvements like raised crosswalks, in-road lighting, and enhanced pavement markings. A red arrow points from this text to a blue button labeled 'Send a comment or ask a question about this project'. To the right of the map, a 'Project Details' sidebar lists: Work Type: Resurfacing; Phase: Design; Length: 1.1 miles; County: Orange; Road: SR 500, SR 600, US 17, US 17/92, US 441, US 92; Design Cost: \$166,000; Letting: 10/05/2021. Below this is an 'Estimated Costs' section showing a Construction Cost of \$5.9 Million. At the bottom of the sidebar is a 'Contact Information' section for Design Project Manager Steven Buck, with email steven.buck@dot.state.fl.us. A 'Project Files' section lists a '2021-01-06 Public Meeting Flyer'.



For Project Updates Visit:
<https://www.cflroads.com/project/447395-1>



FPID No.: 447395-1

Orange Blossom Trail (U.S. 17-92/U.S. 441) from Holden Avenue to 34th Street

**For more information,
please contact:**

Steven Buck, P.E.
FDOT Project Manager

Florida Department of Transportation
Attn: Steven Buck
719 S. Woodland Boulevard, MS 543
DeLand, FL 32720

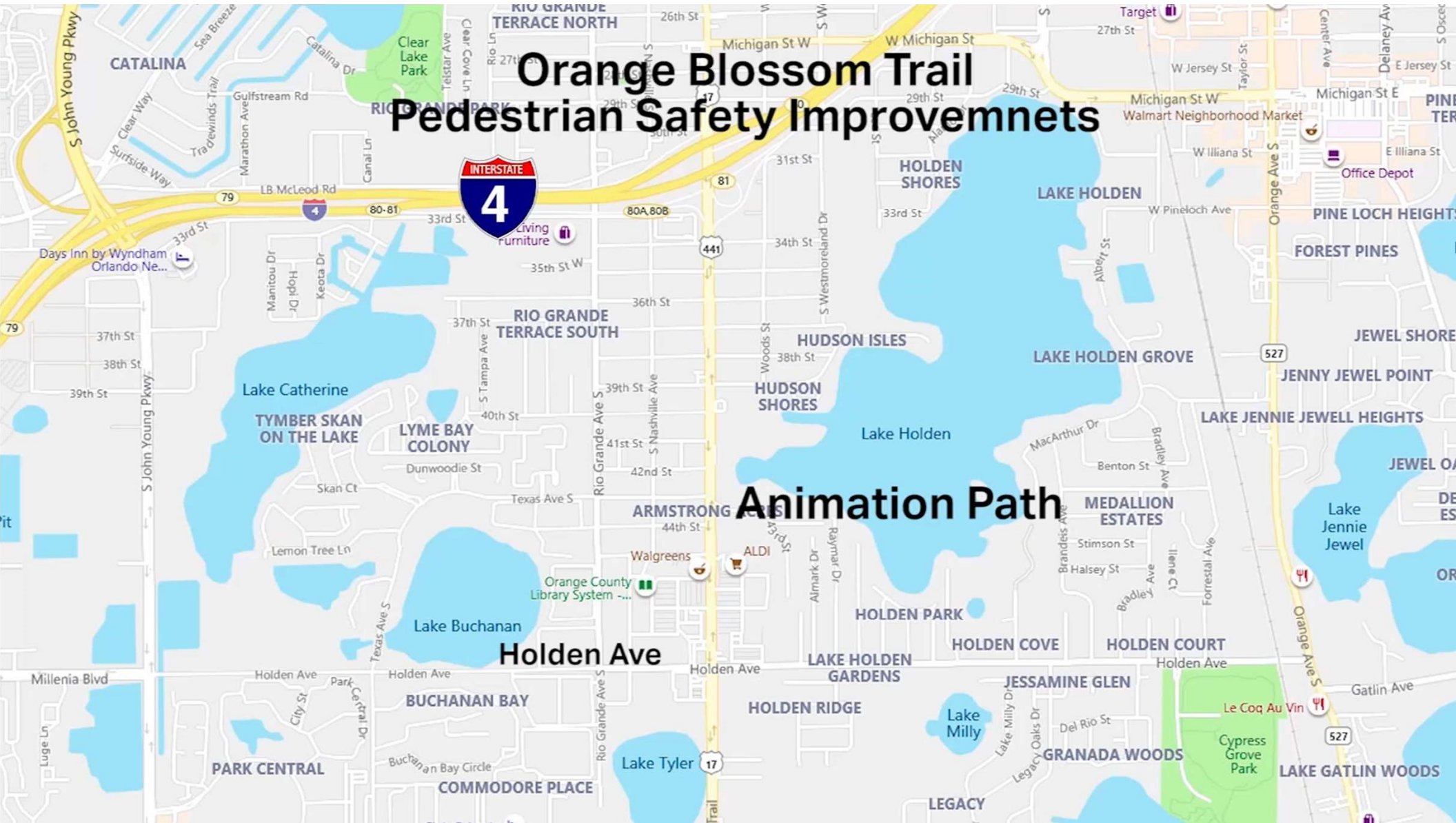
Steven.Buck@dot.state.fl.us
386-943-5171

Lori B. Epperson, P.E.
FDOT Deputy Project Manager

Florida Department of Transportation
Attn: Lori B. Epperson
719 S. Woodland Boulevard, MS 552
DeLand, FL 32720

Lori.Epperson@dot.state.fl.us
386-943-5538

Orange Blossom Trail Pedestrian Safety Improvemnets



Mail or Email Your Comments to:

Steven Buck, P.E.
FDOT Project Manager
719 S. Woodland Boulevard, MS 543
DeLand, FL 32720
Steven.Buck@dot.state.fl.us
386-943-5171

– OR –

Lori B. Epperson, P.E.
FDOT Deputy Project Manager
719 S. Woodland Boulevard, MS 552
DeLand, FL 32720
Lori.Epperson@dot.state.fl.us
386-943-5583

For more information visit:

