



County Road (CR) 510/85th Street Widening Project

From CR 512/Sebastian Boulevard to 87th Street

Indian River County, FL

Financial Project ID: 405606-7-52-01

Virtual Public Meeting

Wednesday, September 17, 2025

Virtual Public Meeting Orientation

Moderator & Presenter



Samantha Kayser
Community Outreach Specialist
The Corradino Group

Meeting Format

Presentation, Q&A Session

- 5 p.m. to 5:30 p.m.
- 5:30 p.m. to 6 p.m.

The Florida Department of Transportation is required to comply with various non-discrimination laws and regulations, including

Title VI of the Civil Rights Act of 1964.

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status.

Persons wishing to express concerns about Title VI may do so by contacting either:

District Four

Florida Department of Transportation
District Four Title VI Coordinator

Sharon Singh Hagyan

(954) 777-4190,

Sharon.SinghHagyan@dot.state.fl.us



Tallahassee Office

Florida Department of Transportation
Statewide Title VI Coordinator

Aldrin T. Sanders

(850) 414-4764,

Aldrin.Sanders@dot.state.fl.us



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

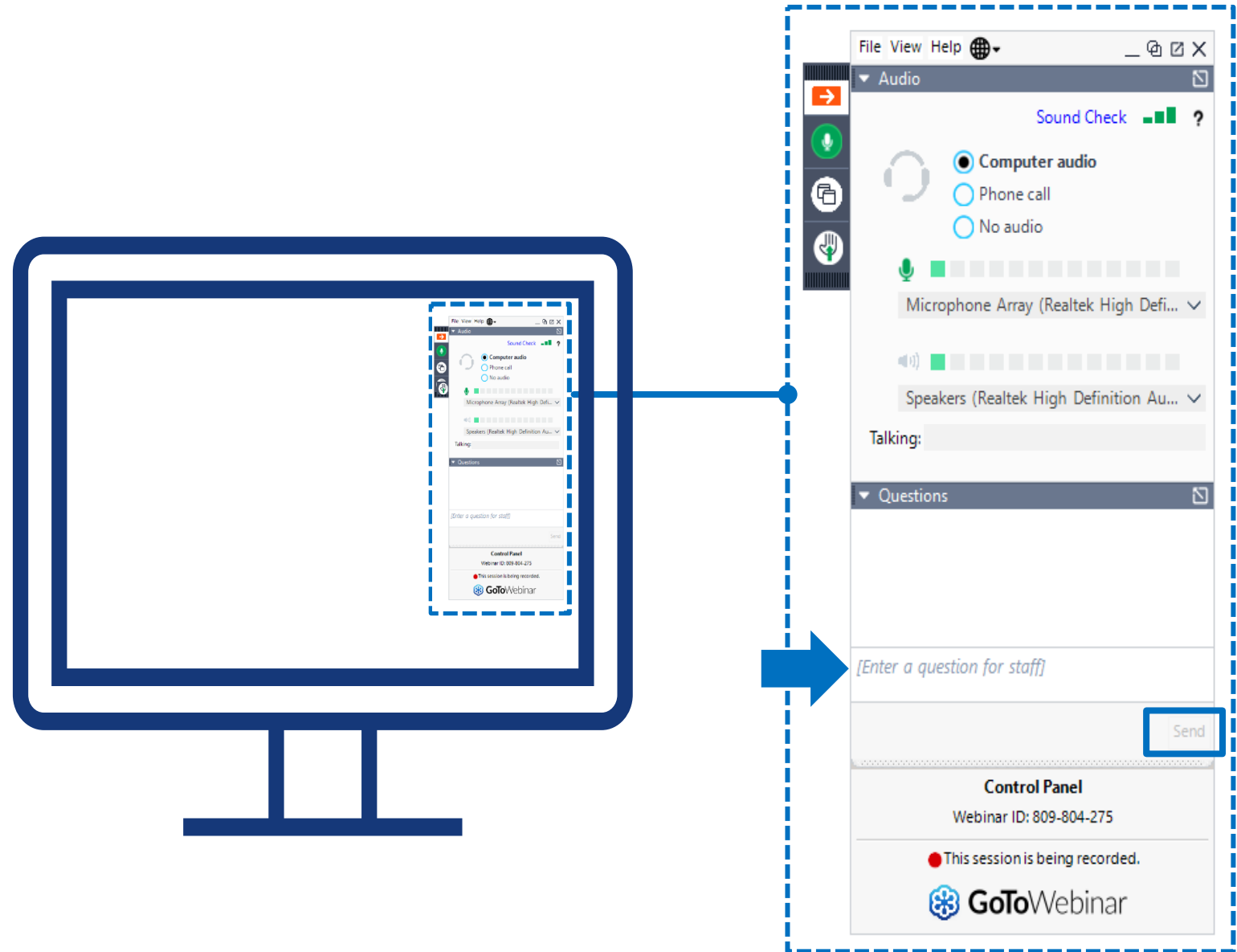
Virtual Public Meeting Orientation



- This Virtual Public Meeting is being recorded.
- All attendees **will remain muted** throughout the meeting.
- If you experience technical difficulties, please contact **GoTo Webinar Support at +1(833) 851-8340**.
- At the end of the presentation attendees are also welcome to submit any questions/comments using the GoTo Webinar Question Panel and a member of the team will respond during the question-and-answer portion. To request to speak, click the Raise Hand button on the Control Panel and unmute your microphone when your name is called.

Participating on GoTo Webinar

- If you would like to ask a question verbally, please click on the hand icon to be recognized.
- This meeting is being recorded and will be posted to www.d4fdot.com.



Meet the Team



Josh Baker
Construction Project Manager
FDOT District Four
Treasure Coast Operations



Maria Formoso, P.E.
Design Project Manager
FDOT District Four



John Hart, P.E.
Senior Project Engineer
Carnahan, Proctor & Cross



Jaime Celler, P.E.
Engineer of Record
Conсор



Ana Pombal, P.E.
Project Administrator
Carnahan, Proctor & Cross

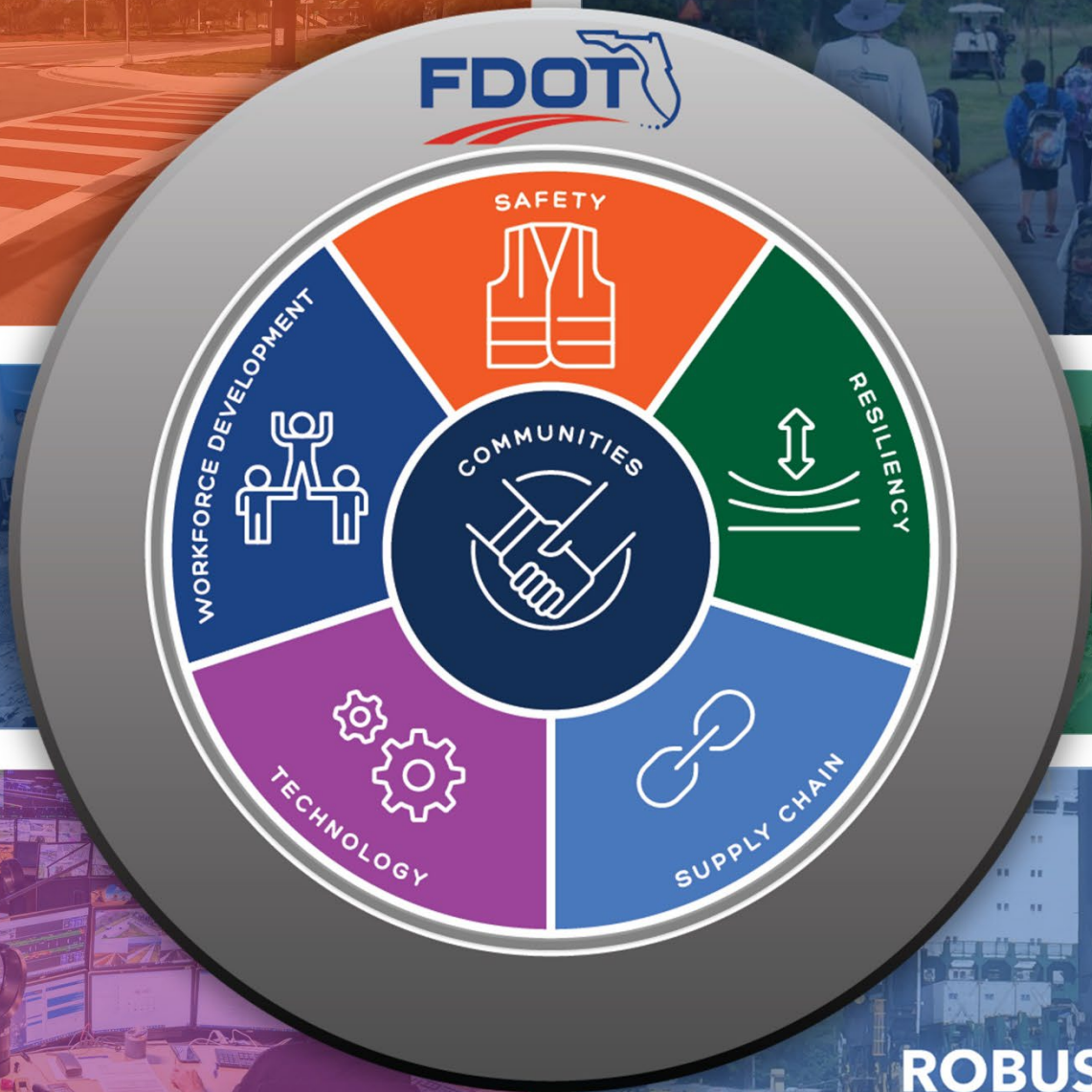
Meet the Team



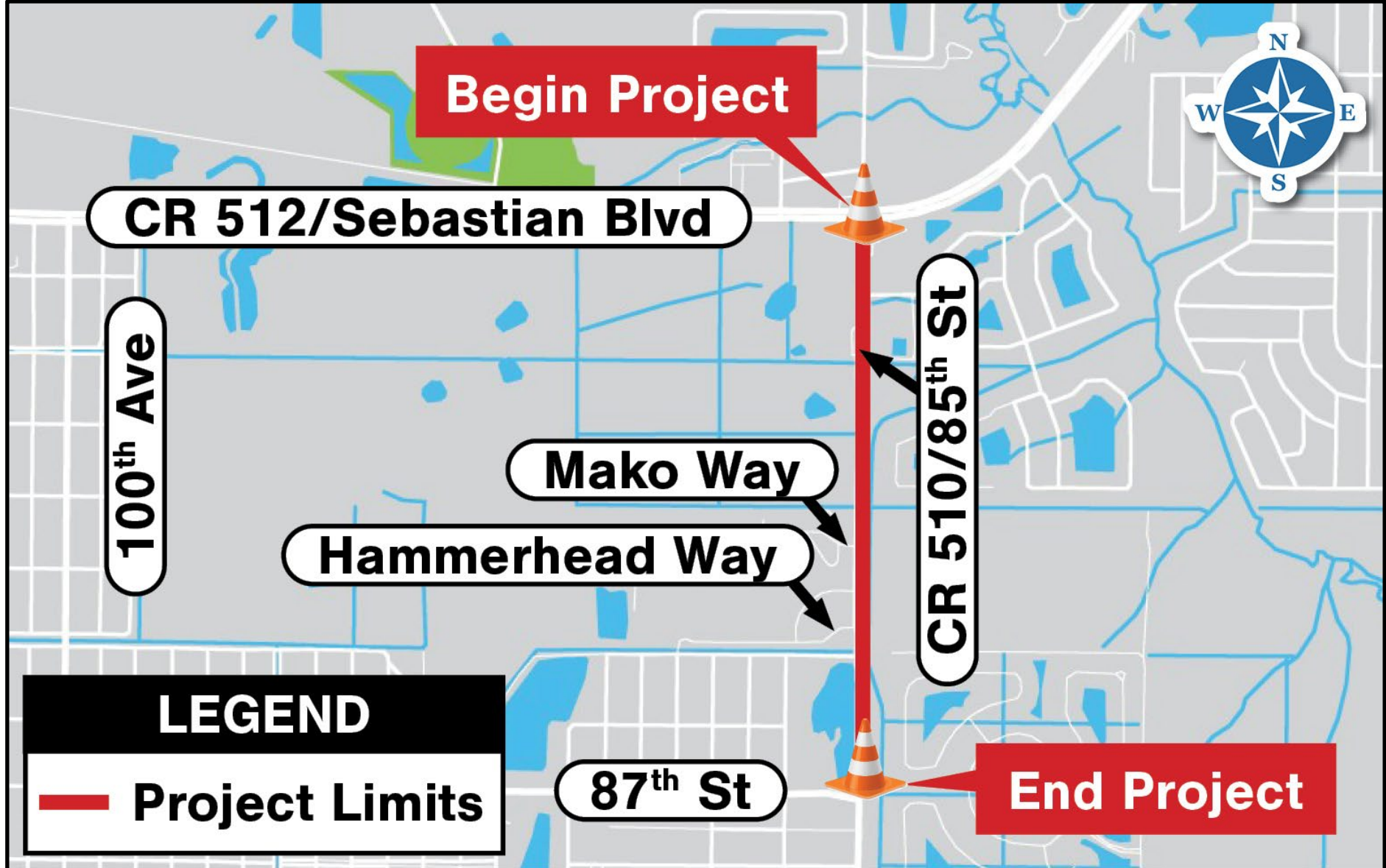
Zach Rose
Contractor
Timothy Rose Contracting, LLC



Francyne Webber
Community Outreach Specialist
Holt Communications, Inc.



Project Limits



Project Overview

Purpose: The project aims to enhance safety, traffic operations, and pedestrian connectivity by widening the roadway, upgrading intersections and pedestrian facilities, improving lighting and drainage, and adding new signage and pavement markings.

Length: 0.97 miles

Contractor: Timothy Rose Contracting, Inc.

Construction Start: October 2025

Cost: \$24.89 Million

Estimated Completion: Fall 2028



Intersection of CR 510/85th Street and
87th Street looking north
(Pre-Construction)

Scope of Work

Roadway Improvements

Roadway Improvements

- Widening CR 510/85th Street from a two-lane undivided roadway to a four-lane divided roadway to improve safety and traffic operations.
- Installing new traffic signals at the existing signalized intersections along CR 510/85th Street and CR 512/Sebastian Boulevard, Mako Way, Hammerhead Way, and 87th Street to improve traffic operations.
- Installing signage and pavement markings to enhance safety, functionality, and traffic operations.

Scope of Work

Pedestrian and Bus Transfer Facility Improvements

Pedestrian and Bus Transfer Facility Improvements

- Installing seven-foot wide buffered bicycle lanes to increase safety.
- Constructing a six-foot wide sidewalk throughout the project limits to enhance pedestrian safety and connectivity.
- Constructing a new bus transfer facility with six additional bus bays around the perimeter of the new retention pond to improve traffic flow.



Existing bus stop on CR 510/85th
Street at Sebastian River
High School
(Pre-Construction)

Scope of Work

Drainage and Utility Improvements

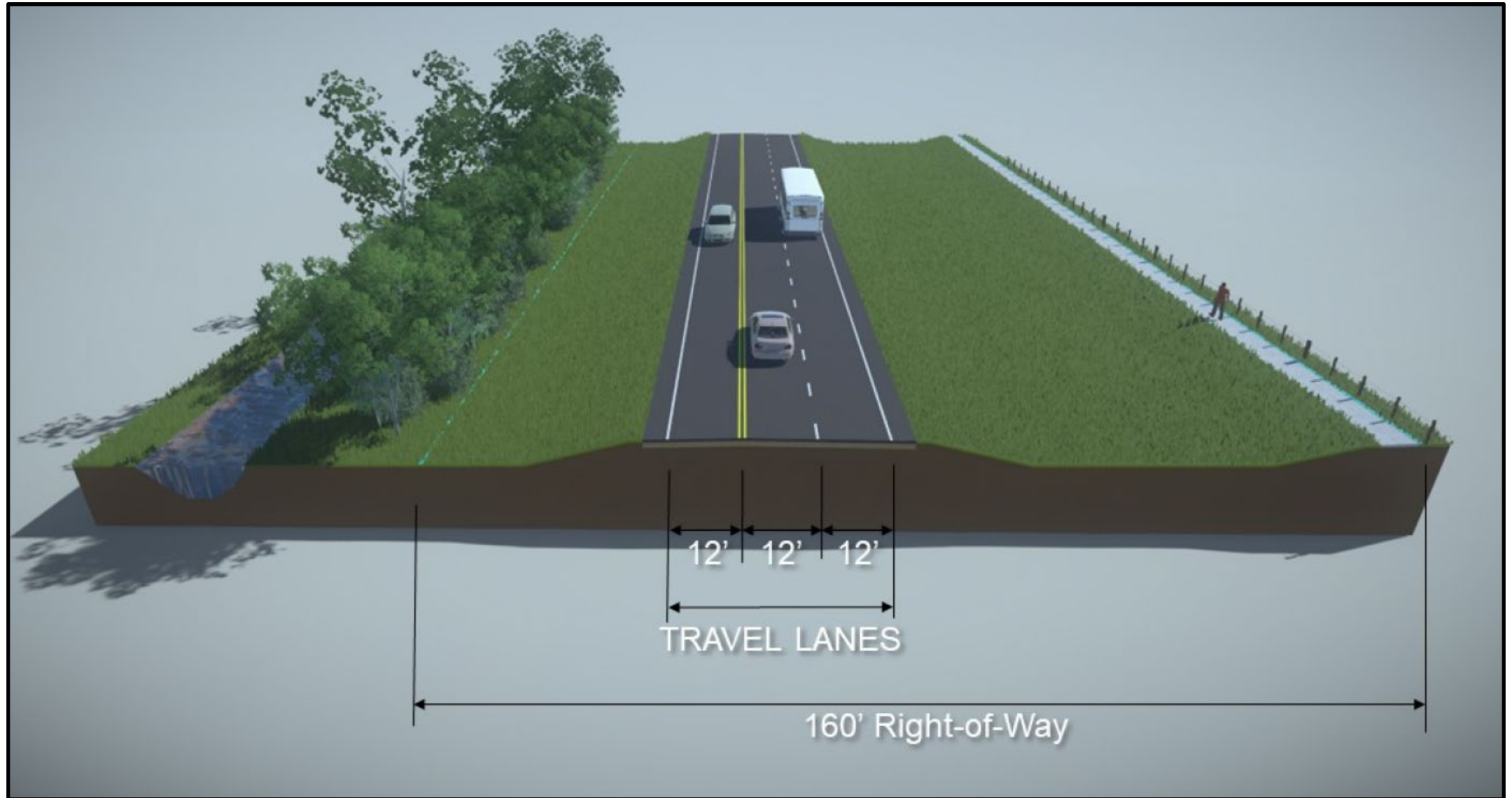
Drainage and Utility Improvements

- Constructing a new closed drainage system with a retention pond and new utility systems to improve functionality and long-term resiliency.

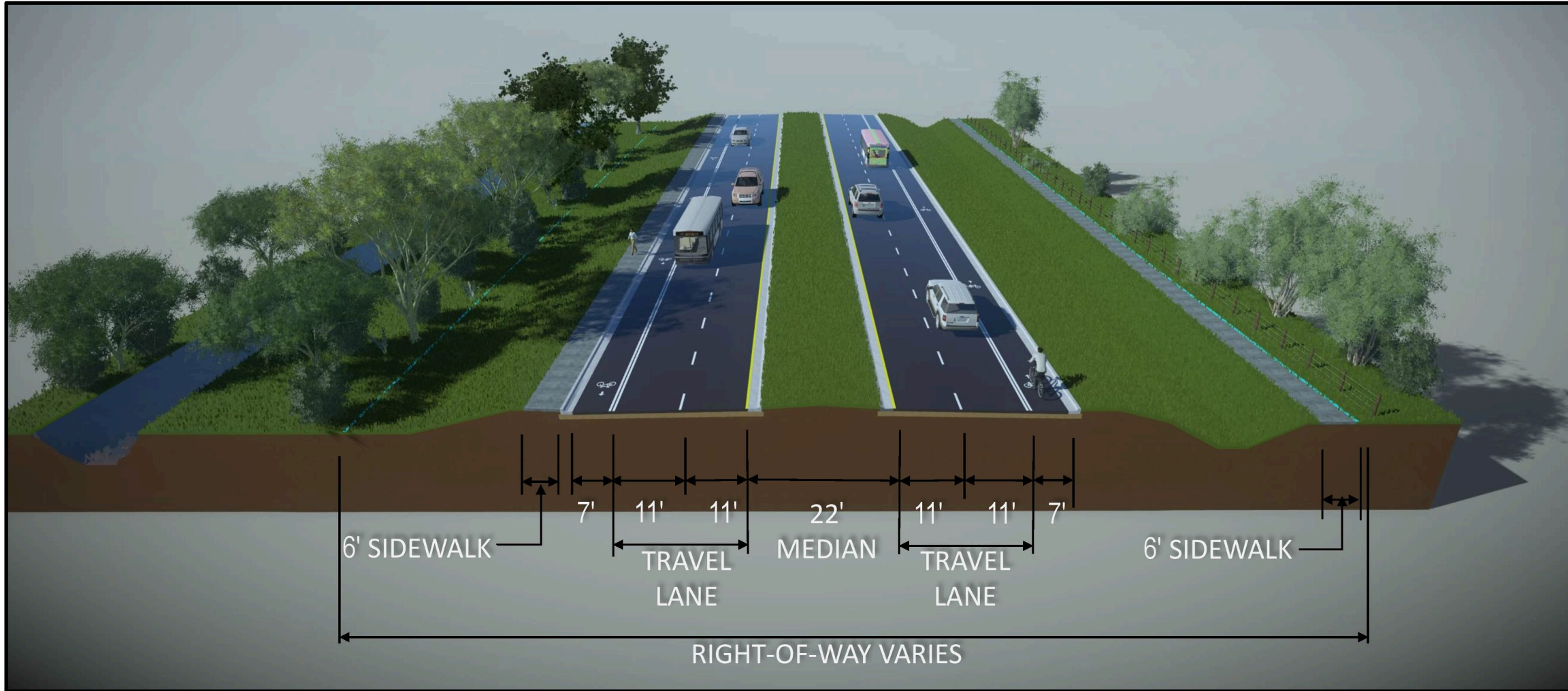


Intersection of CR 510/85th Street and 87th Street
(Pre-Construction)

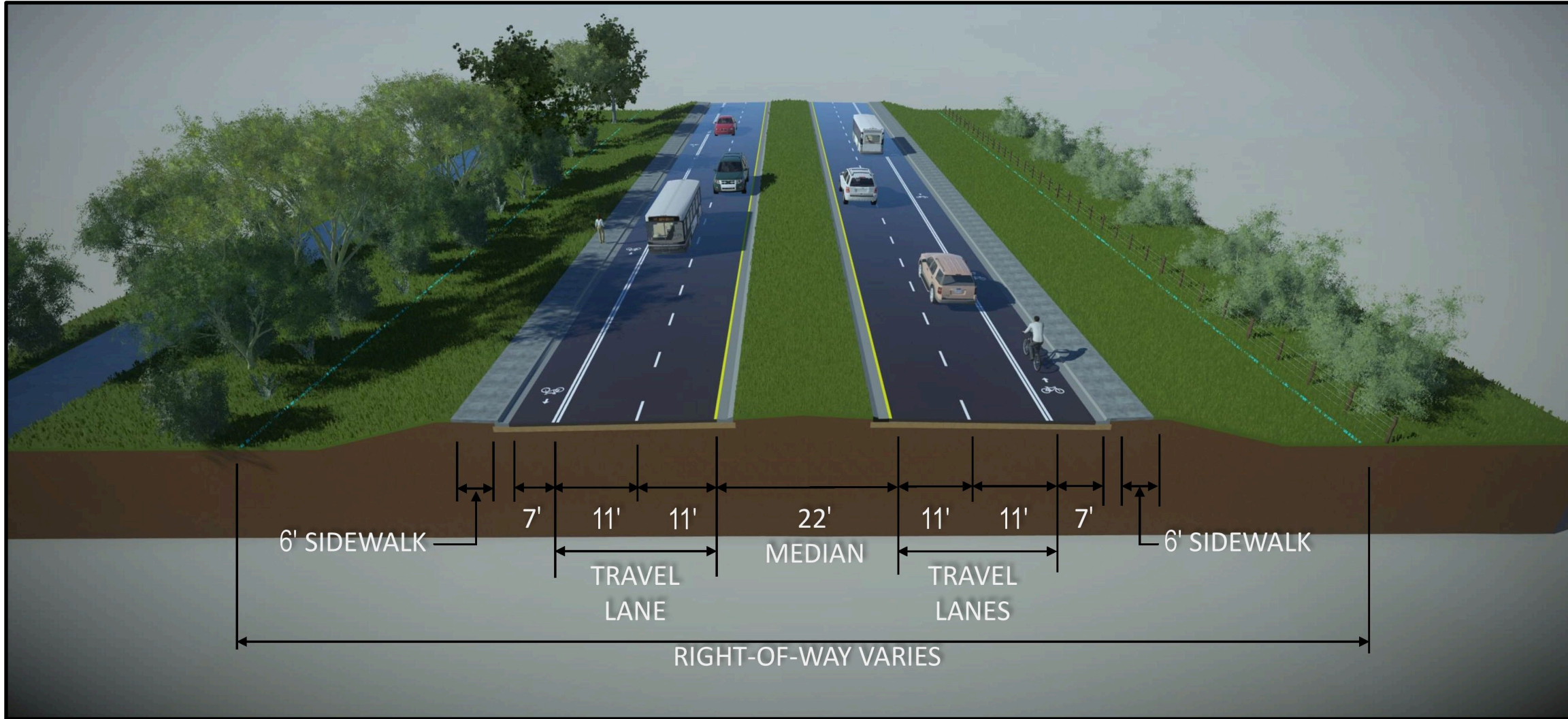
Existing Typical Section of CR 510/85th Street from CR 512/Sebastian Boulevard to 87th Street



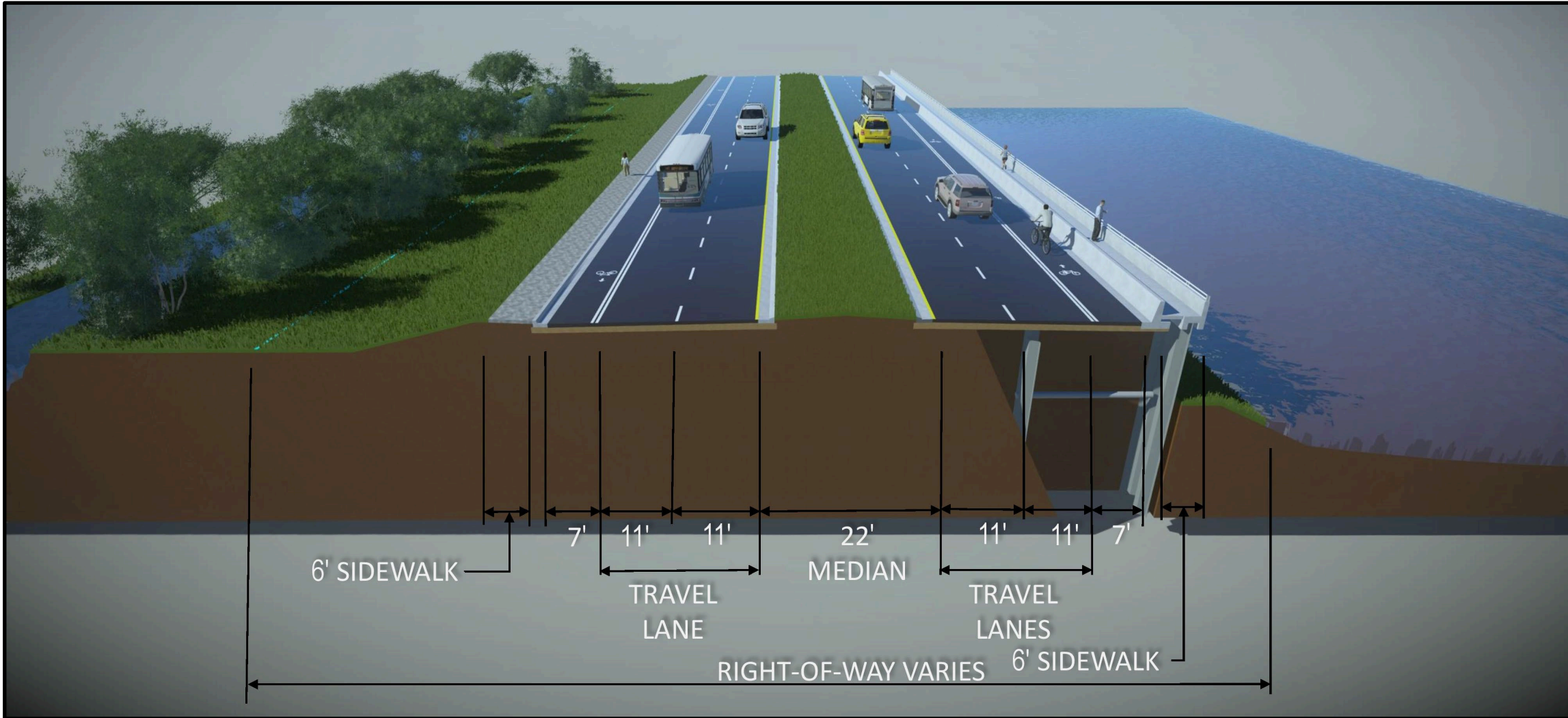
Proposed Typical Section of CR 510/85th Street from CR 512/Sebastian Boulevard to Mako Way



Proposed Typical Section of CR 510/85th Street from Mako Way to 89th Street



Proposed Typical Section of CR 510/85th Street from 89th Street to 87th Street

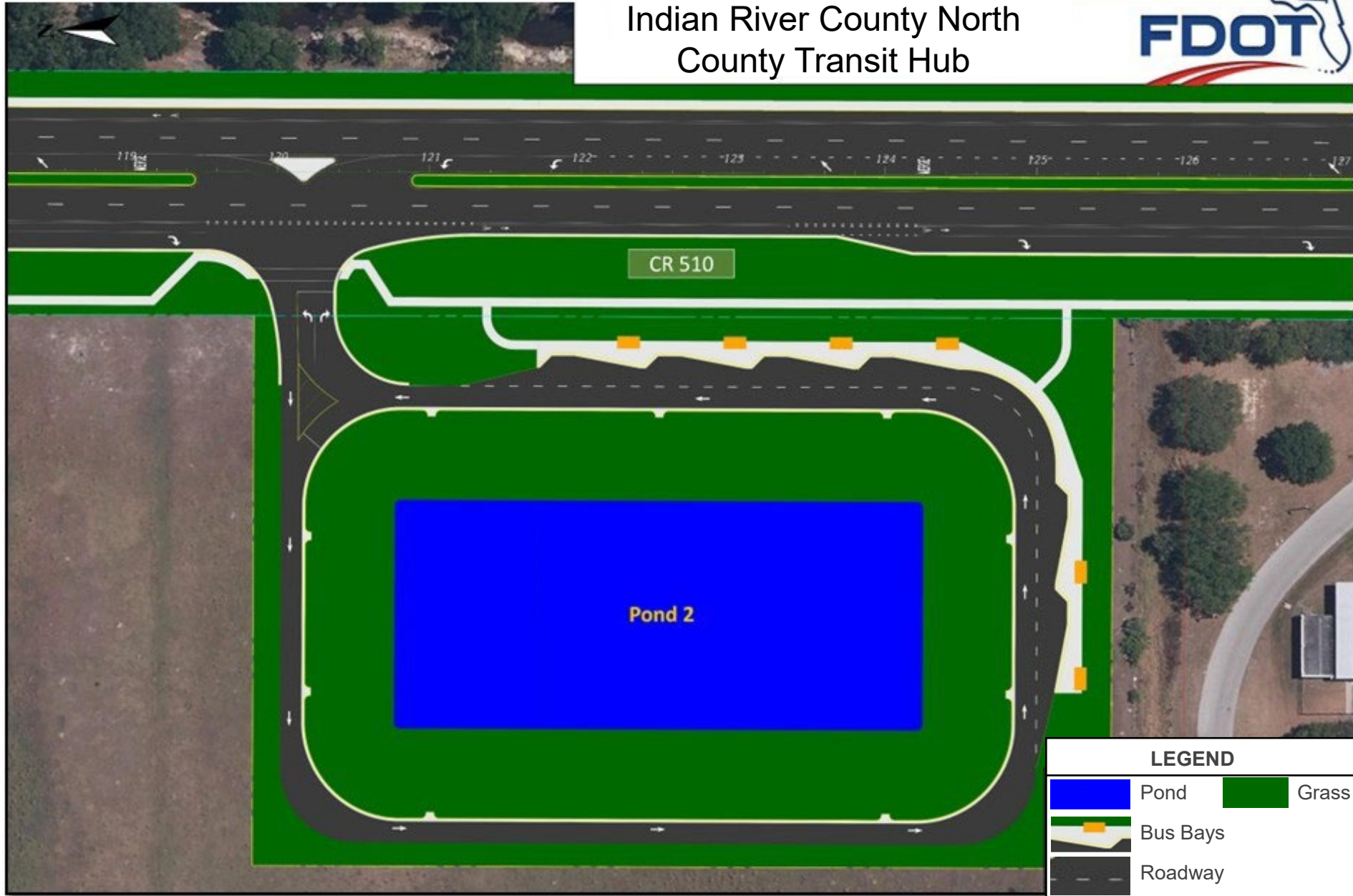


Final Configuration of CR 510/85th Street from CR 512/Sebastian Boulevard to 87th Street



Proposed Bus Transfer Facility

Indian River County North
County Transit Hub



Maintenance of Traffic:

- Single-lane closures on CR 510/85th Street and CR 512/Sebastian Boulevard are permitted nightly, Sunday through Saturday, from 8:00 p.m. to 6:00 a.m.
- The speed limit on CR 512/Sebastian Boulevard between 900 feet east and west of the CR 510/85th Street intersection will be reduced from 45 MPH to 40 MPH during Phase 1 of construction.
- Access to and from bus stops will be maintained.
- The existing bus hub will remain in place and operational until the new bus hub and pond are constructed and open for use.
- Residential and business access will be maintained.

Pre-Phase 1:

- Place temporary striping and remove conflicting striping before shifting traffic.
- Place temporary pavement in the median and along the outside travel lanes.
- Construct temporary earth berms and sheet pile wall, and a 16-inch water main.
- Remove the existing 16-inch water main crossing the culvert after the proposed water main is in service.

Construction Phases

Phase 1 – Southbound CR 510/85th Street and Westbound CR 512/Sebastian Boulevard:

- Reduce the speed limit from 45 MPH to 40 MPH on CR 512/Sebastian Boulevard between 900 feet east and west of the CR 510/85th Street intersection during Phase 1 construction.
- Place temporary striping and remove any conflicting striping before shifting traffic to the west.
- Construct the water main.
- Remove and install a fiber optic cable for signalization activities.
- Construct the traffic signals and intersection lighting.

Construction Phases

Phase 1 – Southbound CR 510/85th Street from CR 512/Sebastian Boulevard to 87th Street:

- Install the temporary sheet pile wall and box culvert.
- Construct the storm sewer trunk line, lateral pipes, cross drains, and ditches.
- Construct the roadway and sanitary sewer along southbound CR 510/85th Street and side streets.
- Connect the sanitary sewer and water main to the existing utility.
- Construct the new Indian River County Transit Hub and pond.
- Remove the existing transit hub once the new transit hub is operational.

Construction Phases

Phase 1 – Eastbound CR 512/Sebastian Boulevard from CR 510/85th Street to Sebastian River Lane:

- Place temporary striping and remove conflicting striping before shifting traffic to the east.
- Close the sidewalk along westbound CR 512/Sebastian Boulevard between CR 510/85th Street and Sebastian River Lane and allow pedestrians and bicyclists between the temporary low-profile barrier wall and pedestrian Longitudinal Channelizing Devices (LCD).
- Construct the left side of the roadway from CR 512/Sebastian Boulevard from CR 510/85th Street to Sebastian River Lane.

Phase 2 - CR 510/85th Street and CR 512/Sebastian Boulevard:

- Shift southbound traffic to the newly constructed roadway between CR 512/Sebastian Boulevard and 87th Street.
- Construct temporary pavement.
- Maintain northbound traffic on the temporary pavement between CR 512/Sebastian Boulevard and 87th Street and shift southbound traffic onto the newly constructed southbound roadway.
- Place temporary striping and remove conflicting striping before shifting traffic along CR 512/Sebastian Boulevard from Sebastian Crossings Boulevard to CR 510/85th Street.

Construction Phases

Phase 2 - CR 512/Sebastian Boulevard and CR 510/85th Street:

- Construct the new roadway along CR 512/Sebastian Boulevard from Sebastian Crossings Boulevard to CR 510/85th Street.
- Install utilities at the intersection of CR 512/Sebastian Boulevard and CR 510/85th Street.

Phase 3 – CR 510/85th Street:

- Place temporary striping and remove conflicting striping before shifting traffic.
- Remove and install the fiber optic cable.
- Construct the northbound roadway and side streets.
- Install drainage pipe.

Construction Phases

Phase 3 - CR 510/85th Street:

- Construct storm sewer and trunkline.
- Construct the temporary critical sheet pile wall between Hammerhead Way and 89th Street.
- Remove temporary earth berms between Hammerhead Way and 89th Street.

Phase 4 – CR 510/85th Street Median:

- Place temporary striping and remove conflicting striping before shifting traffic.
- Construct the median curb and raised median.
- Construct the southbound sidewalk and maintain pedestrian traffic on the northbound side.

Construction Phases

Phase 5 – CR 510/85th Street and CR 512/Sebastian Boulevard:

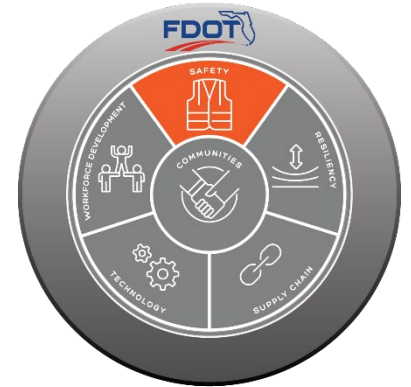
- Place final friction course asphalt along CR 512/Sebastian Boulevard and CR 510/85th Street within the project limits.
- Install final pavement markings.



Intersection of CR 510/85th Street
and Hammerhead Way
(Pre-Construction)

Safety and Local Coordination

- **Public Safety is our Top Priority!**
 - **Work Zone Signage & Maintenance of Traffic**
 - Advanced warning and project signage will be placed throughout the construction corridor to alert the traveling public
 - **Local Agency & Stakeholder Coordination**
 - The project team will continue working closely with local stakeholders including local municipalities, schools, neighborhoods and other local agencies to ensure safety standards are met and impacts to the public are minimized in any way possible
 - **Emergency vehicles will be provided access at all times**



Lighted Message Board

Community Outreach

- To receive project specific updates please email francyne@holtcommunications.net to be added to the distribution list
- A weekly press release will be distributed every Friday
- Additional project specific information can be found on the website

****All project updates will be posted to the District Four website.****

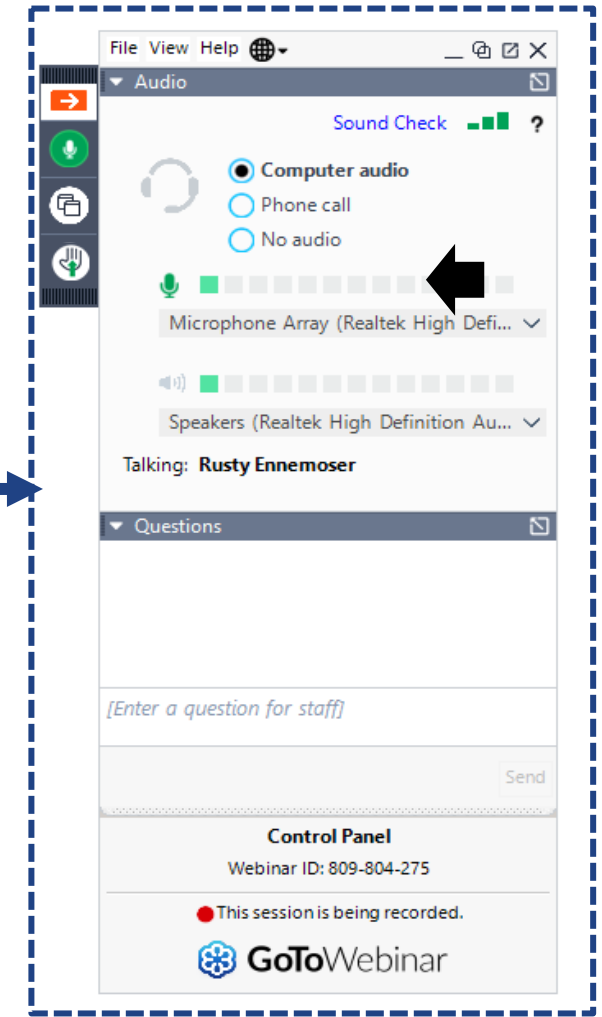


Scan this QR code to go to the District Four Website.

www.d4fdot.com

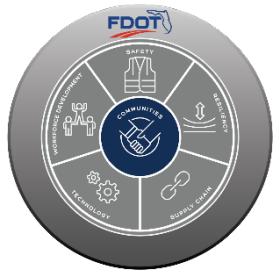
Questions and Answers

- Attendees are welcome to submit questions/comments using the GoToWebinar Question Panel



Contact Us

Throughout the project, questions or comments can be submitted via email or phone.



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presentation has been
uploaded to GoTo Webinar
for download.***

FDOT Safety Message

You say you'd
never forget them,
but never happens.



Prevent Hot
Car Deaths

STOP. LOOK. LOCK.





**Thank you for attending today's
Virtual Public Meeting!**