



Florida Department of
TRANSPORTATION

Thank you for joining us!

**The Virtual Public Meeting
will begin at 5:00 p.m.**

**State Road (SR) A1A North Causeway Over the
Intracoastal Waterway (ICWW) Bridge Replacement
Project in the City of Fort Pierce, St. Lucie County**

FPID 429936-2-52-01



Florida Department of
TRANSPORTATION

State Road (SR) A1A North Causeway Over the Intracoastal Waterway (ICWW) Bridge Replacement Project in the City of Fort Pierce, St. Lucie County

FPID 429936-2-52-01

Virtual Public Meeting (VPM)

Wednesday, May 11, 2022



Agenda

- Introductions
- Meeting Format
- Non-Discrimination Policy
- Rules of Engagement
- Project Video Presentation
- Questions and Answers
- Slide Show

SR A1A North Causeway Project – Meet the Team



Josh Baker

Construction Project Manager
FDOT District Four, Treasure Coast Operations



Jim Hughes, P.E.

Design Project Manager
FDOT District Four Design



William Stuckey, P.E.

Senior Project Engineer
Cardno



Henri Sinson, P.E.

Engineer of Record
Hardesty & Hanover



Aren Griffin, P.E.

Construction Project Administrator
Conzor Engineers, LLC



Mike Sileno, P.E.

Engineer of Record
Hardesty & Hanover



Clint Seace

Contractor
Vecellio & Grogan, Inc.



Samantha Kayser

Community Outreach Specialist
The Corradino Group

Virtual Meeting Agenda

Meeting Format

- Presentation, Question & Answer
 - 5:00 p.m. to 5:30 p.m.
 - 5:30 p.m. to 6:00 p.m.
- Unguided PowerPoint Slide Show
 - If time allows after each Q&A



The existing bridge looking west
(pre-construction)

Title VI of the Civil Rights Act of 1964

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 Title VI Coordinator,
Florida Department of Transportation
Sharon Singh Hagyan, (954) 777-4190,
Sharon.SinghHagyan@dot.state.fl.us

Statewide Title VI Coordinator,
Florida Department of Transportation
Jacqueline Paramore, (850) 414-4753,
jacqueline.paramore@dot.state.fl.us
<https://www.fdot.gov/equalopportunity/titlevicontacts.shtm>

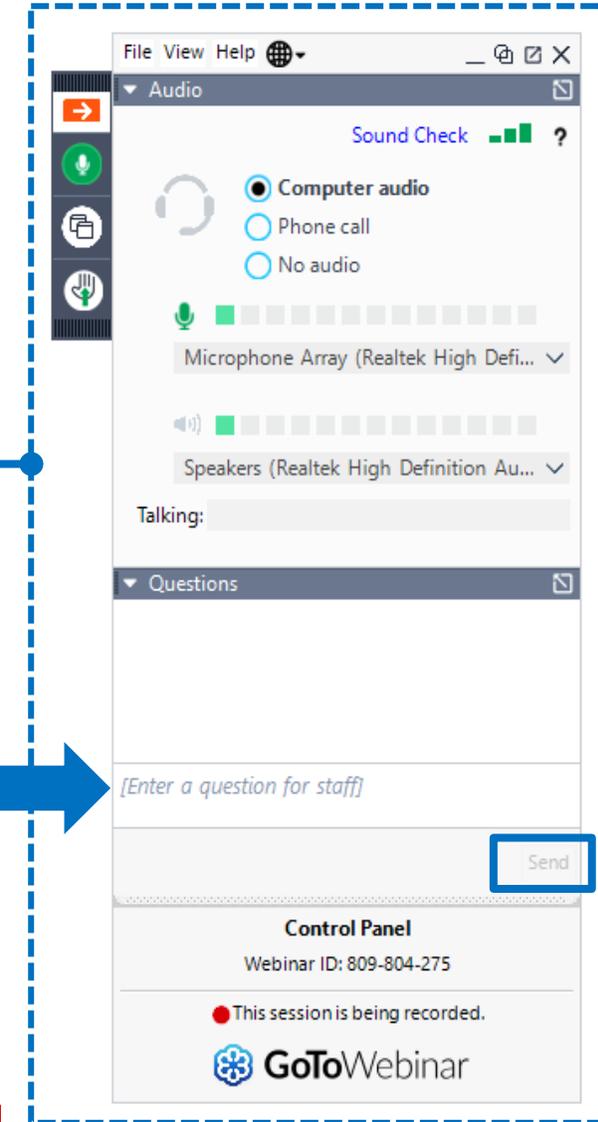
All inquiries or concerns will be handled according to FDOT procedure and in a prompt and courteous manner.

Online Attendee Control Panel

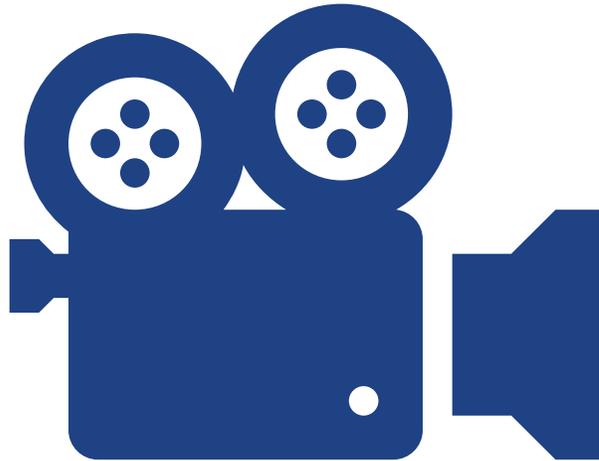
GoToWebinar Control Panel

Questions and comments can be entered into the question pane for the team to address directly after the presentation.

- ✓ Attendees are muted by default. Dial-in attendees are in listen only mode.
- ✓ To speak, please click the hand icon during the Question & Answer session.
- ✓ This meeting is being recorded. It will be posted to www.d4fdot.com.



Project Presentation



- Please enjoy the project video which includes information on the improvements to be completed, along with road and lane closure information.
- We will start the Question & Answer session after the video.



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**State Road (SR) A1A
North Causeway Over the
Intracoastal Waterway
(ICWW) Bridge
Replacement Project in
the City of Fort Pierce,
St. Lucie County**



Project Limits



Project Overview

Purpose: Build a new bridge over the ICWW; install sidewalks, a shared-use path, and bicycle lanes; build an Observation Deck, construct a new access road under the bridge to businesses east of the FEC Railroad; extend Juanita Avenue; and connect US 1 and Old Dixie Highway along Sunny Lane.

Length: 1.205 miles

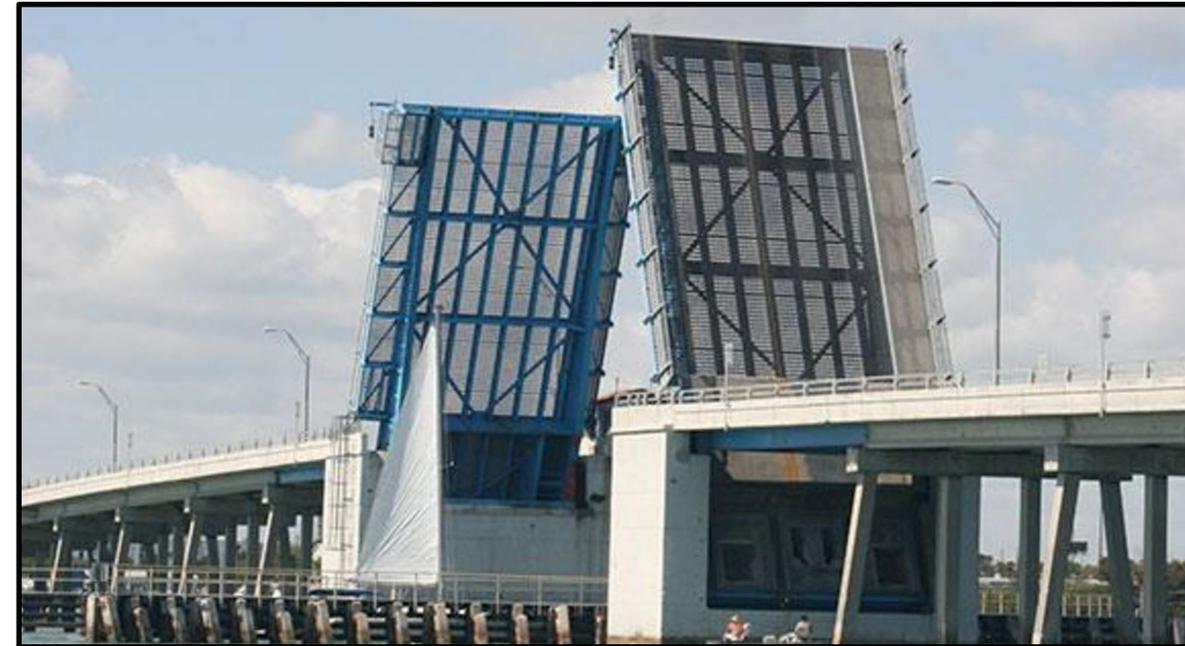
Contractor: Vecellio & Grogan, Inc.

Construction Start: June 13, 2022

Estimated Contract Cost: \$111 Million

Contract Time: 1,357 calendar days
(not including weather and holidays)

Estimated Completion: Spring 2026



Existing bridge
(pre-construction)

Scope of Work – Roadway Improvements

Roadway Improvements

- Construct a new high-level fixed bridge connected directly to US 1 going over the FEC Railroad, Old Dixie Highway, and the Intracoastal Waterway featuring:
 - One (1) 12-foot travel lane in each direction
 - Navigational clearances of 85-feet vertical and 125-feet horizontal at the waterway channel
- Construct a new access road under the bridge to businesses east of the FEC Railroad
- Extend Juanita Avenue from US 1 to Old Dixie Highway
- Connect US 1 and Old Dixie Highway along Sunny Lane

Scope of Work – Pedestrian Features & Upgrades

Pedestrian & bicycle feature upgrades

- Install a barrier protected sidewalk on the south side of the bridge and a barrier protected shared-use path on the north side of the bridge
- Install 7-foot buffered bicycle lanes within shoulders on either side of SR A1A
- Construct a shared-use path along Old Dixie Highway to provide connectivity to the East Coast Greenway
- Build an Observation Deck beneath the west side of the new bridge structure
- Ensure crosswalks and curb ramps within the project limits meet Americans with Disabilities Act (ADA) standards

Traffic Impacts & Construction Phasing

Maintenance of Traffic

- Work will be done in six (6) major phases to minimize impacts to the construction corridor
- Work will take place Monday through Sunday:
 - Daytime work is permitted Monday through Friday, from 7:00 a.m. to 6:00 p.m. and Saturday, from 8:00 a.m. to 6:00 p.m. (no Sunday daytime work)
 - Nighttime lane closures are permitted Sunday through Thursday and will occur as needed
- The existing bridge will be open during construction with the exception of the planned detour for beam installation; notification will be provided in advance



Existing SR A1A looking west towards US 1.
(pre-construction)

Traffic Impacts & Construction Phasing

Maintenance of Traffic

- Access to properties will be maintained at all times
- The project team will coordinate with businesses if temporary driveway closures are needed
- Marine traffic will be maintained
- Emergency vehicles will have access at all times



Existing bridge looking west
(pre-construction)

Project Site Plan



Zone 1 – Old Dixie Highway & US 1



This rendering shows the final look of Zone 1 including Old Dixie Highway, US 1, Sunny Lane and Juanita Avenue.

Zone 2 – Marina Access & East Coast Greenway



This rendering shows the final look of Zone 2 including the marina access, East Coast Greenway, drainage pond and observation deck.

Zones 2 & 3 – Marina Access, East Coast Greenway, and SR A1A Bridge



This rendering shows the final look of Zones 2 & 3 including the new bridge, East Coast Greenway ramp, observation deck and more.

Zones 2 & 3 – Marina Access, East Coast Greenway, and SR A1A Bridge



This rendering shows the final look of Zones 2 & 3 looking east.

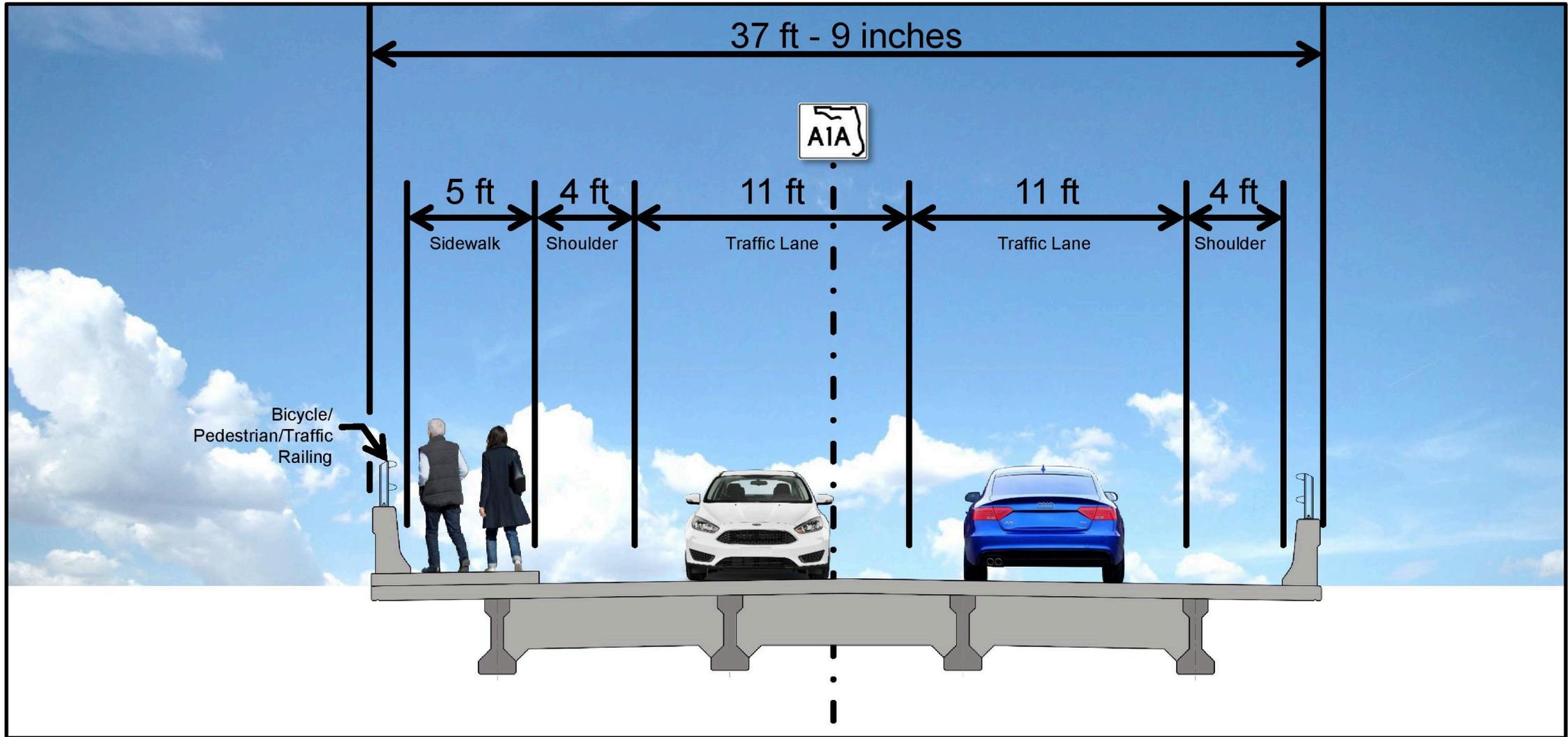
Zone 3 – SR A1A Bridge



Key Facts:

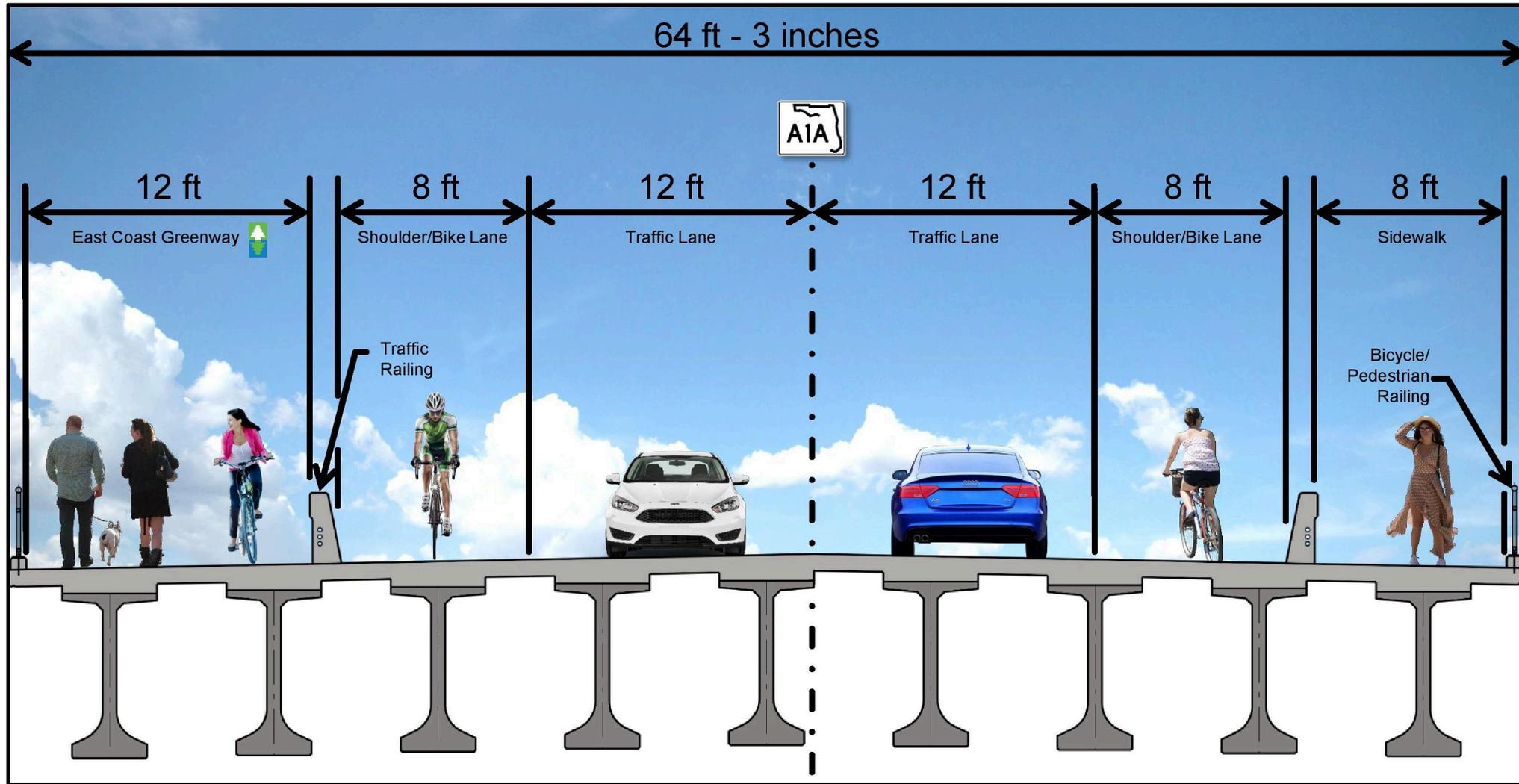
- New SR A1A Bridge Length: 4,152.5 feet
- Observation Deck Length: 300 feet
- East Coast Greenway Ramp Length: 800 feet

Zone 3 – SR A1A Existing Typical Section



This image shows a typical section of the existing bridge.

Zone 3 – SR A1A New Bridge Typical Section

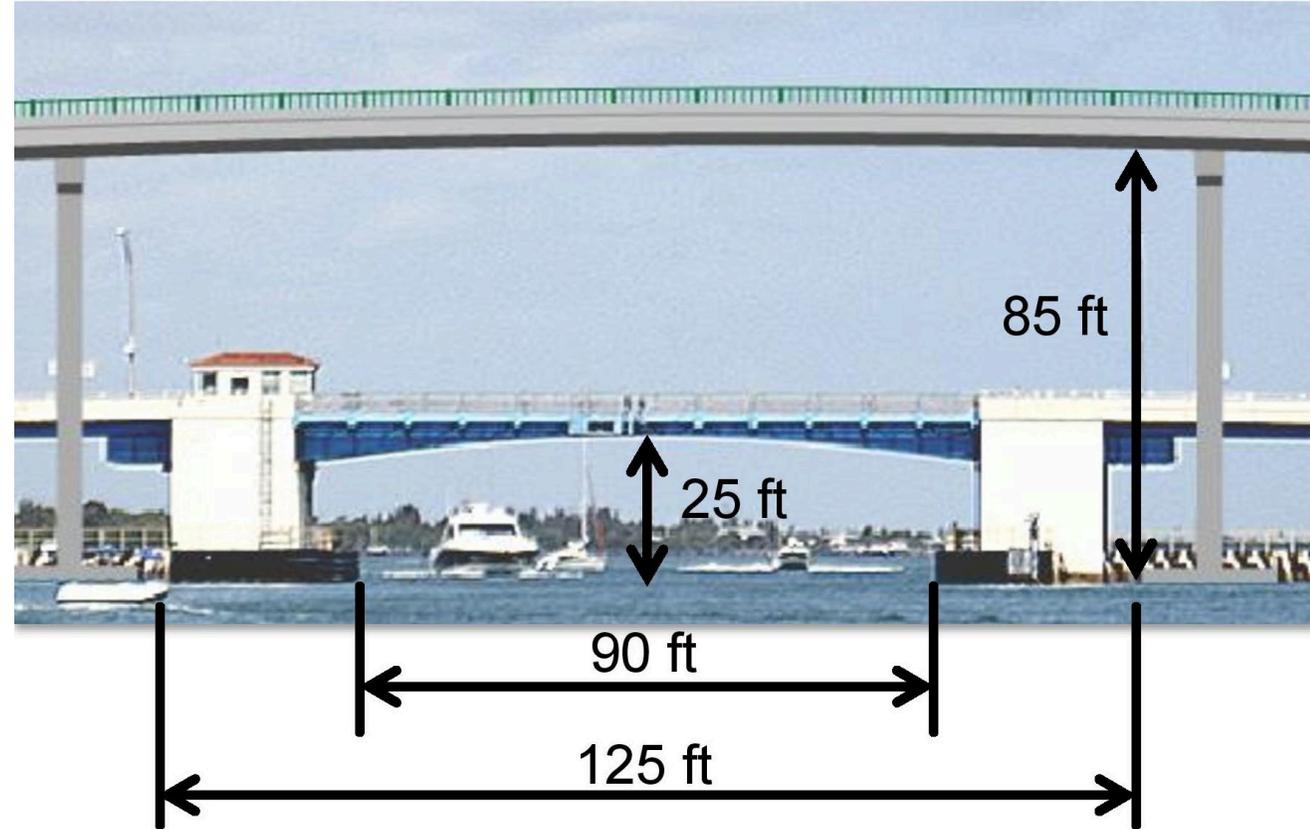


This picture shows a typical section of the new bridge.

Zone 3 – SR A1A Bridge Navigation Clearance

SR A1A Bridge Navigation Clearance

- New Channel Vertical Clearance: 85 feet
 - Existing 25 feet at center of the bridge closed, unlimited open
- New Channel Horizontal Clearance: 125 feet
 - Existing bridge is 90 feet



Zone 4 – Park Access



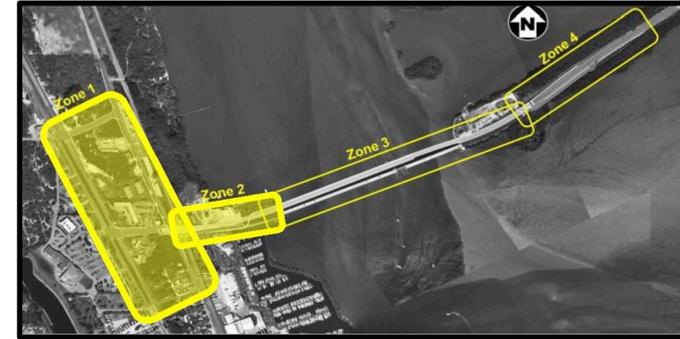
Construction Phase 1 – Zones 1 & 2

Phase 1

- Zones 1 & 2

- Extend Juanita Avenue
- Extend Sunny Lane
- Widen northbound US 1 to facilitate the new connections at Sunny Lane and Juanita Avenue
- Install sidewalk along northbound US 1
- Widen southbound Old Dixie Highway and install sidewalk

Right: The yellow highlighted areas show Zones 1 and 2.



Above: US 1 at the Juanita Avenue intersection looking east. (pre-construction)

Construction Phase 1 – Zones 1 & 2

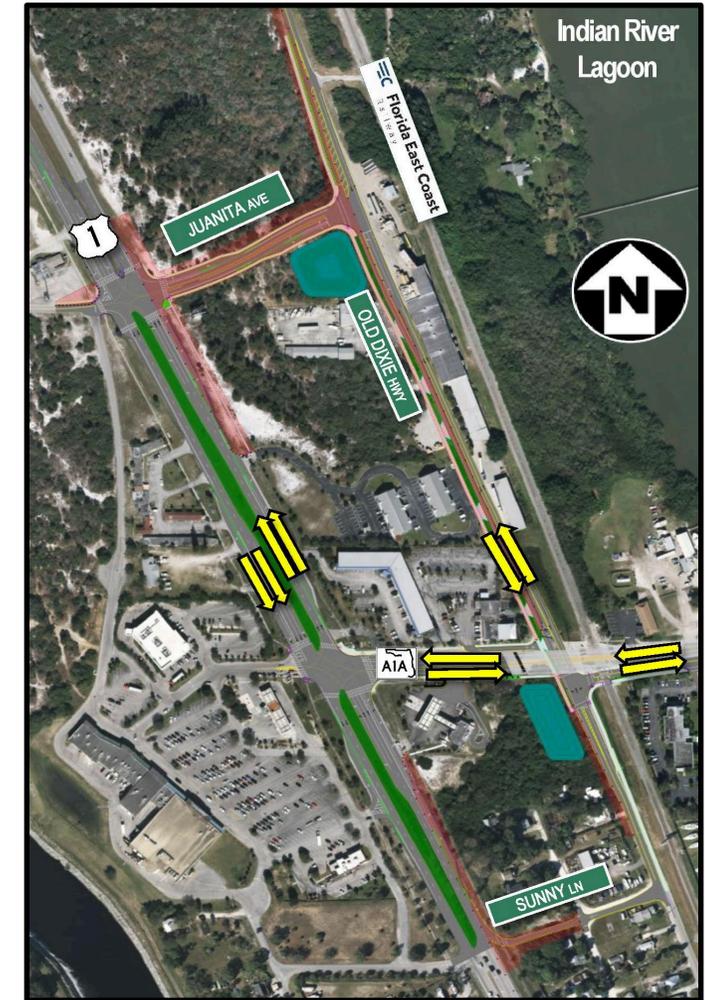
Phase 1

- Zones 1 & 2 Traffic Impacts

- Existing traffic patterns will remain the same during this phase of construction
- Two (2) lanes of traffic will be open on the existing bridge



Left: US 1 and SR A1A intersection looking east. (pre-construction)



The yellow arrows show the flow of traffic.

Construction Phase 2 – Zones 1 & 2

Phase 2

- Zones 1 & 2

- Extend Sunny Lane
- Widen southbound Old Dixie Highway
- Construct Marina Access Road



The highlighted yellow area shows Zones 1 & 2.



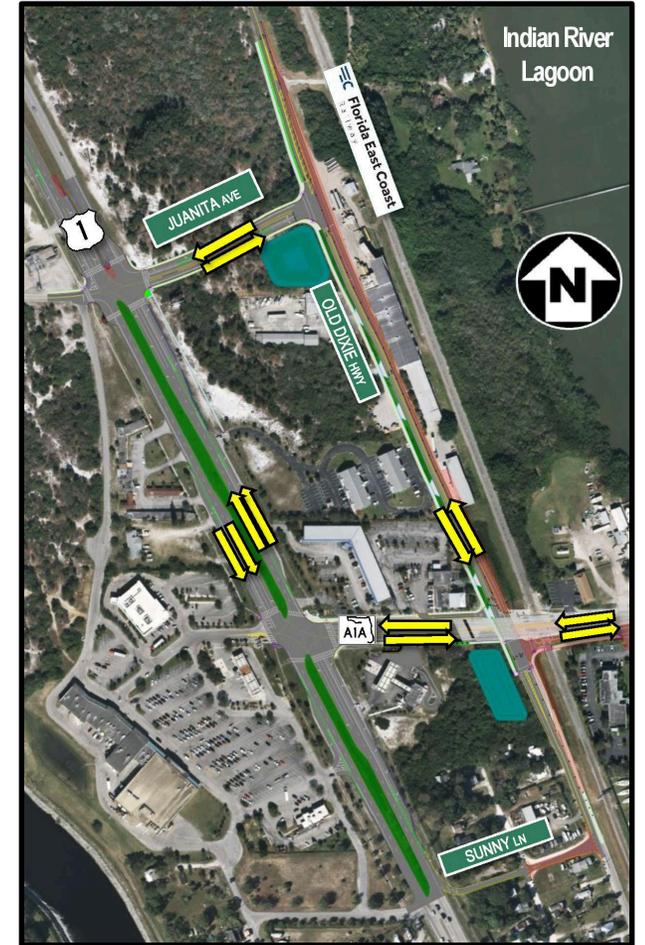
Sunny Lane looking north on US 1.
(pre-construction)

Construction Phase 2 – Zones 1 & 2

Phase 2

- Zones 1 & 2 Traffic Impacts

- Juanita Avenue extension is anticipated to open to two lanes of traffic
- Two (2) lanes of traffic will be open on the existing bridge
- Sidewalk on the south side of SR A1A will be closed



The yellow arrows show the flow of traffic during Phase 2 construction in Zones 1 & 2.

Construction Phase 3 – Zones 1 & 2

Phase 3

- Zones 1 & 2

- Construct SR A1A bridge approach embankment and walls



The highlighted yellow area shows Zones 1 & 2.



SR A1A looking west at the intersection Old Dixie Highway.
(pre-construction)

Construction Phase 3 – Zones 1 & 2

Phase 3

- Zones 1 & 2 Traffic Impacts

- Juanita Avenue is open to two lanes of traffic
- Sunny Lane is open to westbound traffic
- SR A1A is closed from US 1 to Old Dixie Highway
- Existing bridge accessed from Juanita Avenue and Old Dixie Highway
- Two (2) lanes of traffic are open on the existing bridge
- Temporary pedestrian ramps will provide access from SR A1A to US 1



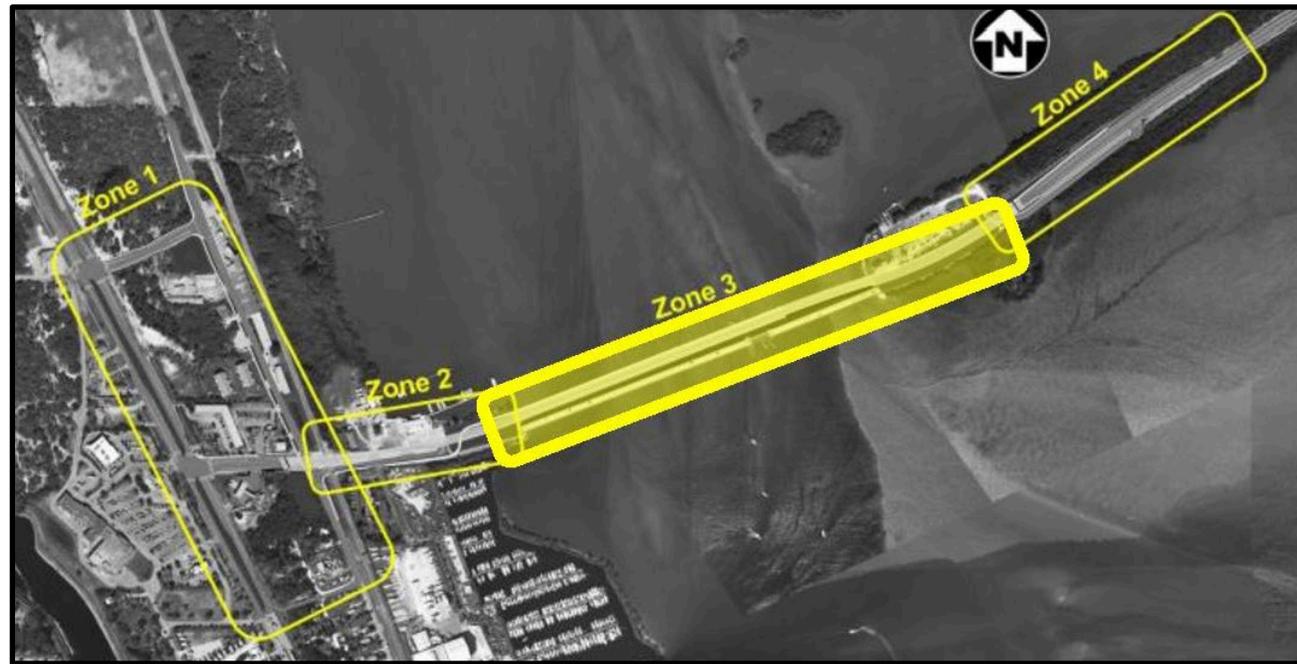
The yellow arrows show the open lanes of traffic in Zone 1 & 2.

Construction Phases 1-4 – Zone 3

Phase 1-4

- Zone 3

- Construct portions of the new bridge next to the existing bridge
- Existing bridge is demolished in Phase 4 after completion of the new bridge



The yellow highlighted area shows Zone 3.

Construction Phases 1-4 – Zone 3

Phase 1-4

- Zone 3 Traffic Impacts

- Two (2) lanes of traffic on the existing bridge will be open during Phases 1-3
- Two (2) lanes of traffic on the new bridge will be open in Phase 4



The yellow arrows show the open lanes of traffic in Zone 3 during Construction Phases 1-4.

Construction Phase 2 – Zone 4

Phase 2

- Zone 4

- Construct Park Access Road

- Zone 4 Traffic Impacts

- Two (2) lanes of traffic open on existing SR A1A



Left: The highlighted areas in yellow show Zone 4.

Right: The yellow arrows show the open lanes of traffic in Zone 4.



Construction Phase 3 – Zone 4

Phase 3

- Zone 4

- Construct SR A1A bridge approach embankment and walls

- Zone 4 Traffic Impacts

- Shift SR A1A traffic to Park Access Road
- Two (2) lanes of traffic open on the existing bridge



Above: The highlighted area in yellow shows Zone 4.



Right: The yellow arrows show the open lanes of traffic in Zone 4.

Construction Phase 5 & 6 – Zones 1 & 2

Phase 5 & 6

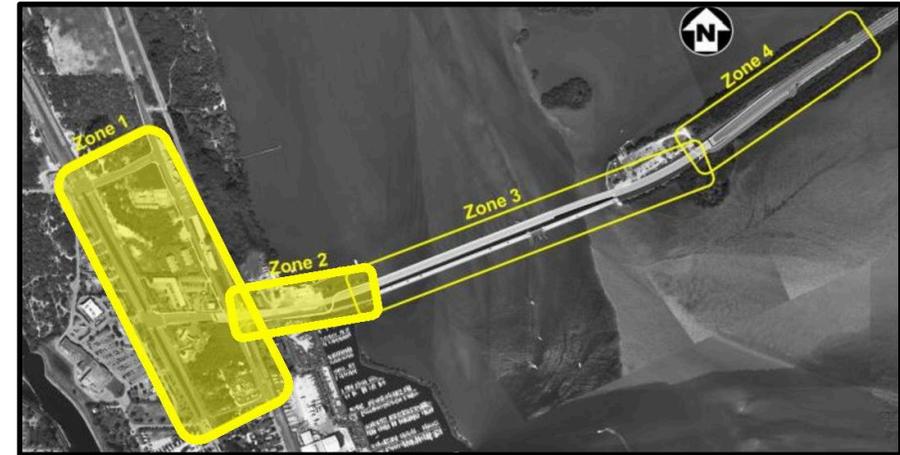
- Zones 1 & 2

- Mill and resurface segments of Old Dixie Highway and US 1

- Zones 1 & 2 Traffic Impacts

- Nighttime single-lane closures may occur Sunday through Thursday at any time as needed

Top Right: The highlighted yellow area shows Zones 1 & 2.



Above: The existing intersection of US 1 and SR A1A looking west.
(pre-construction)

Safety & Local Coordination

- **Public Safety is our Top Priority!**

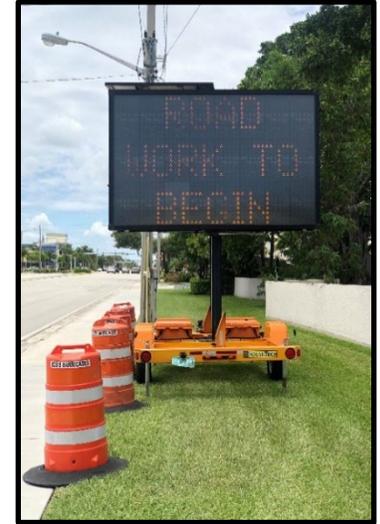
- **Work Zone Signage & Maintenance of Traffic**

- 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**

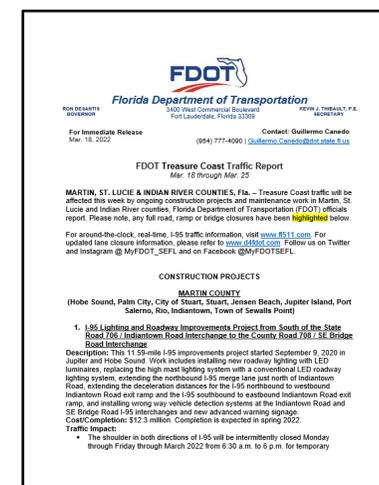
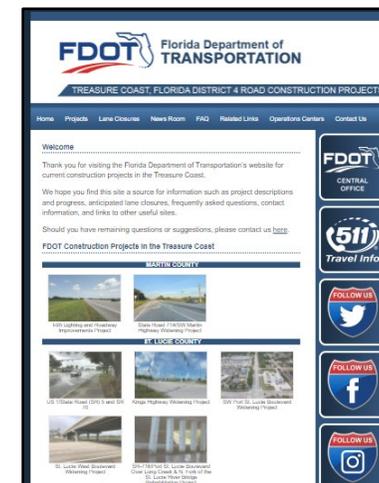


Lighted Message Board

Community Outreach

For more information on the project...

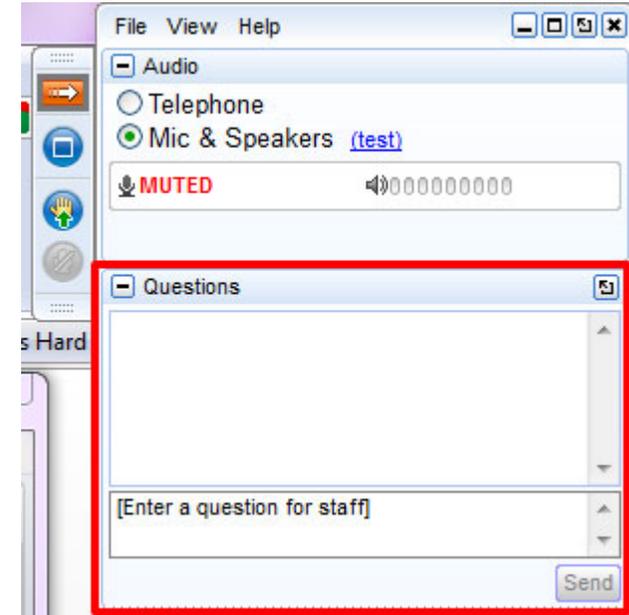
- Project Website: www.d4fdot.com
- Weekly Lane Closure Press Release
- Please contact Samantha Kayser, Community Outreach Specialist, to be added to the lane closure email notification blast list
 - (772) 579-5479
 - skayser@corrardino.com



Questions and Comments

Questions and comments can be entered into the question pane for the team to address directly.

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



skayser@corrardino.com



(772) 579-5479

SR A1A North Causeway Project – Live Q&A



Josh Baker

Construction Project Manager
FDOT District Four, Treasure Coast Operations



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Samantha Kayser

Community Outreach Specialist
The Corradino Group

Thank you for attending!

**This concludes the
Virtual Public Meeting for the
State Road (SR) A1A North Causeway Over the
Intracoastal Waterway (ICWW) Bridge Replacement
Project in the City of Fort Pierce, St. Lucie County**

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NHTSA



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