

SR 934/NE 79 ST PD&E Study

West of Pelican Harbor Drive to East of Adventure Avenue

Public Hearing

May 13, 2024 (In-Person and Virtual)

Bridge No. 870083;-549;-084;-550

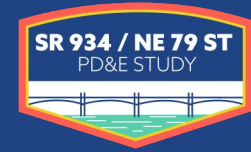
FM No. 449007-1-22-01

ETDM No. 14484



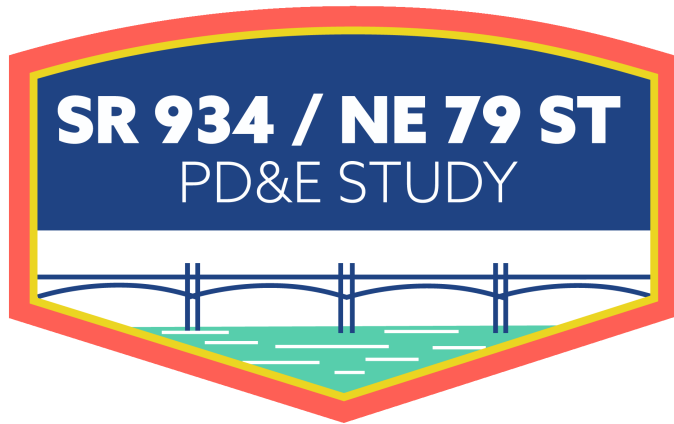
The presentation will begin promptly at 6:15 p.m.

Technical Difficulties



1. If you are not hearing the audio at this time, please check your computer speaker settings.
2. If you are experiencing technical difficulties, please contact technical support at **manny@graph-code.com**





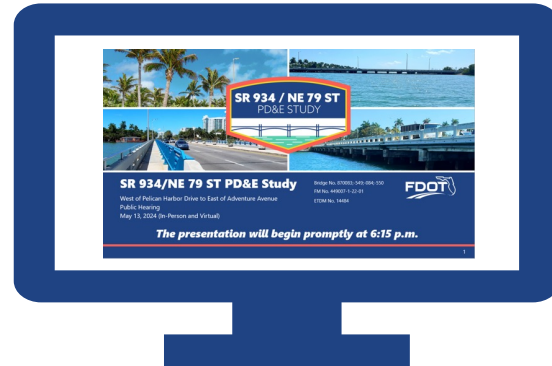
- FDOT Project Manager: Paola Martinez, P.E.
- Consultant Project Manager: Steve Schnell
- Community Outreach Specialist: Alicia Gonzalez

You can participate in this hearing:

In-Person



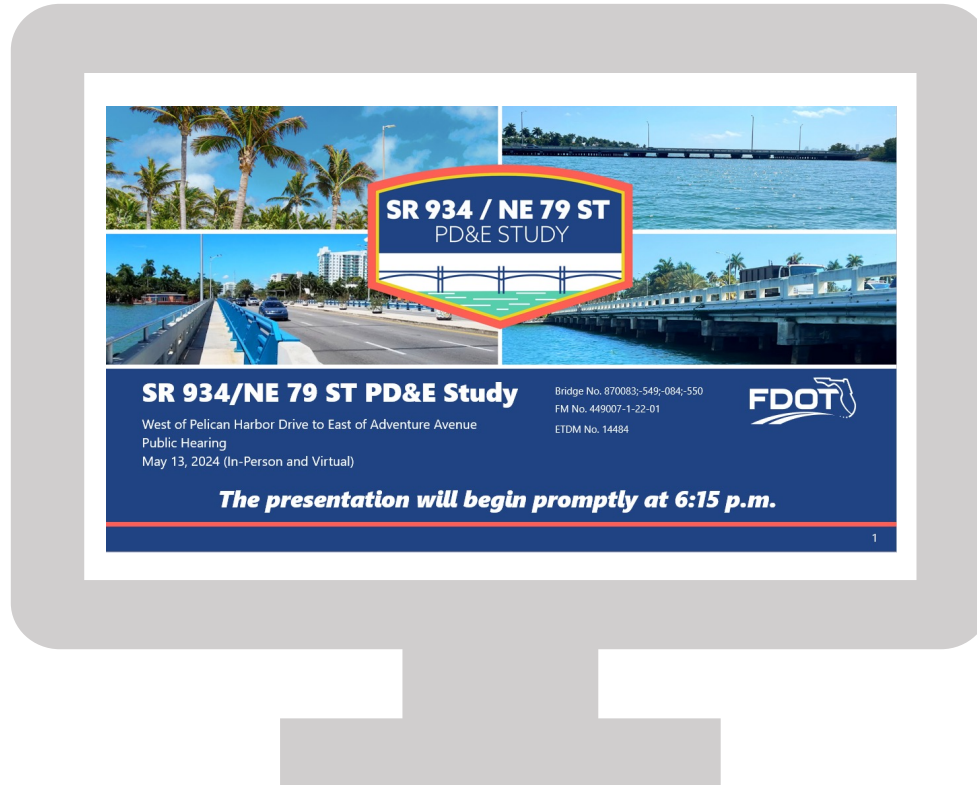
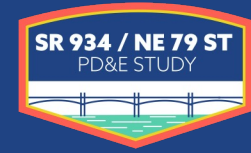
Virtually via GoToWebinar



For more information, visit:
[www.southflroads.com/
79thstreetbridgespdestudy.html](http://www.southflroads.com/79thstreetbridgespdestudy.html)

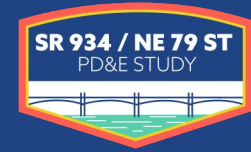





Technical Information



A screenshot of the GoToWebinar control panel. It shows the "Audio" settings with "Computer audio" selected. The microphone is labeled "Microphone Array (Realtek High Defi...)" and the speakers are "Speakers (Realtek High Definition Au...)". The name "Talking: Rusty Ennemoser" is displayed. Below the audio settings is a "Questions" section with a text input field containing "[Enter a question for staff]" and a "Send" button. At the bottom, the "Control Panel" shows "Webinar ID: 809-804-275" and a red dot indicating "This session is being recorded." The GoToWebinar logo is at the bottom.

Verbal Comments GoToWebinar



1. Request to speak
2. Organizer will call your name and unmute you
3. Check microphone icon on the GoToWebinar control panel
 - If  you are ready to comment
 - If  you will need to unmute your device
4. Make your comment when microphone icon is 

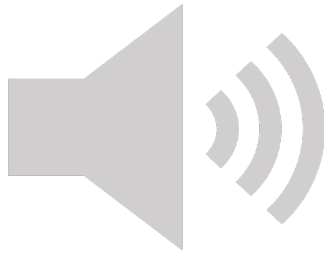
You have been unmuted by the Organizer, but you're still muted by yourself

Unmute yourself

You are unmuted



Comment Period



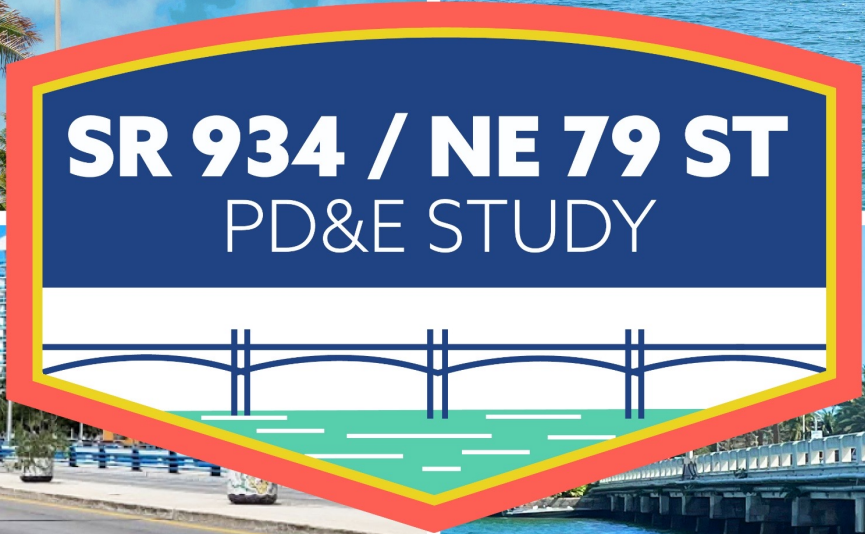
All attendees will be placed in **'Listen Only'** mode throughout the public hearing.

Comment In-Person

Comment Request from the **in-person** viewing location will be addressed first.

Comment Virtually

Comment request submitted **during the GoToWebinar** will be addressed second.



SR 934/NE 79 ST PD&E Study

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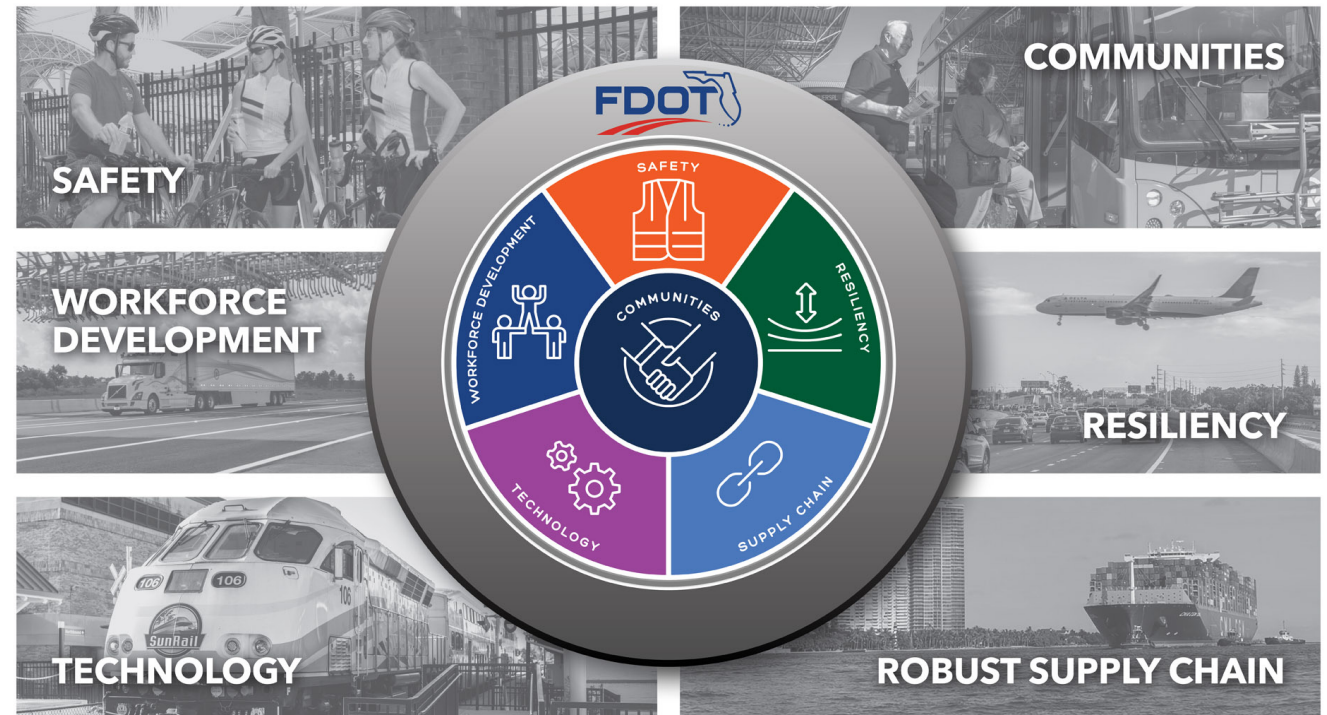
Efficient Transportation Decision (ETDM No). 14484



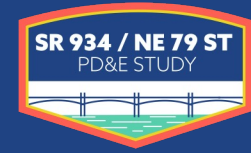
www.southflroads.com/79thstreetbridgespdestudy.html

Project benefits include:

- Safety – providing bike lanes and wider sidewalks
- Technology – video detection to improve traffic flow
- Supply Chain – maintain evacuation route and delivery of goods and services
- Resiliency – replacing bridges to meet vertical clearance and sea level rise criteria



Public Notice



Property owner/tenant letters



Emails to project contacts list



FDOT website



Florida Administrative Register



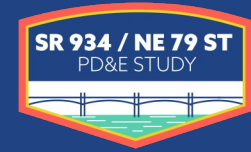
Newspaper



Social media



Federal and State Requirements

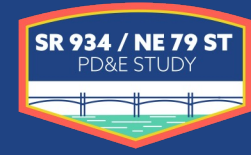


This public hearing is being held in accordance with:

- Americans with Disabilities Act of 1990 (ADA)
- Title VI of the Civil Rights Act of 1964 and Other Nondiscrimination Laws
- 49 CFR Part 24, Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally-Assisted Programs
- 40 CFR Part 1506, Other Requirements of NEPA
- Section 120.525, F.S. Meetings, hearings, and workshops
- Section 286.011, F.S. Florida's Government in the Sunshine Law
- Section 335.199, F.S. Transportation projects modifying access to adjacent property
- Section 339.155, F.S. Transportation Planning



NEPA Assignment Statement



The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated May 26, 2022, and executed by the Federal Highway Administration and FDOT.



Project documents are available for public review at the following location and online:



- Available April 22, 2024, to May 23, 2024
- North Bay Village City Hall
1666 John F. Kennedy Causeway, First Floor
North Bay Village, FL 33141
Regular Business Hours (Monday thru Friday 8:00 am – 5:00 pm)
- FDOT District Six
1000 NW 111 Avenue
Miami, FL 33172
Regular Business Hours (Monday thru Friday 8:00 am – 5:00 pm)



- www.southflroads.com/79thstreetbridgespdestudy.html



Three components to tonight's hearing:



1. Open House



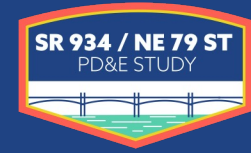
2. Presentation



**3. Formal
comment period**
(following the presentation)



Title VI Non-Discrimination Compliance



Public participation at this public meeting is encouraged and solicited without regard to race, color, national origin, age, sex, religion, disability, or family status.

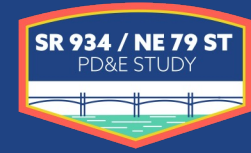
Persons wishing to express any concerns about Title VI may do so by contacting either:

Florida Department of Transportation
District Six Office
District Six Interim Title VI Coordinator
Tish Burgher
1000 NW 111th Avenue
Miami, Florida 33172
Tish.Burgher@dot.state.fl.us
(305) 470-5277

Florida Department of Transportation
Tallahassee Office
State Title VI Coordinator
Stefan Kulakowski
605 Suwannee Street
Tallahassee, Florida 32399
Stefan.Kulakowski@dot.state.fl.us
(850) 414-4742



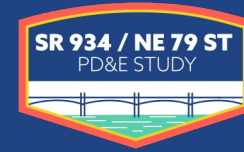
Agenda



- 1 Project Recap
- 2 Alternatives Evaluated
- 3 Preferred Alternative
- 4 Potential Impacts
- 5 Next Steps



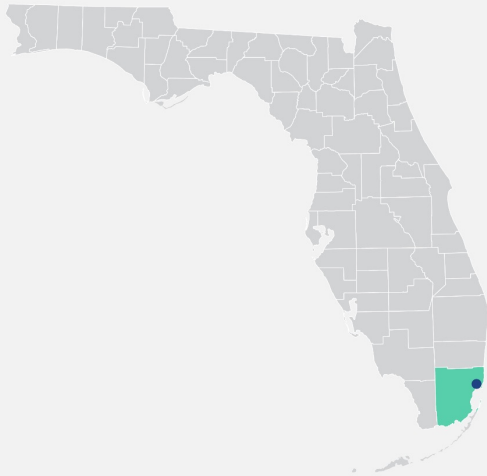
Project Location



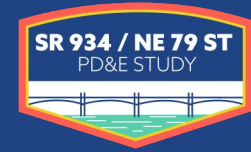
NE 79th Street (SR 934)

From West of Pelican Harbor Drive to
East of Adventure Avenue

Miami-Dade County, Florida



Project Background



Bridges constructed
in the early
1970s



4 total bridges
(Project consists of bridges
west and east of Harbor Island)




Recent rehabilitation efforts:
2004 and 2010
Structural Repairs
2015
Traffic and Pedestrian Railing

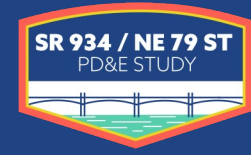

As of October 2023, the bridge
inspection reports indicate the
bridges are candidates for
repair or replacement.

	Bridge ID
Bridges West of North Bay / Harbor Island	870083 (WB) 870549 (EB)
Bridges East of North Bay / Harbor Island	870084 (WB) 870550 (EB)

WB – westbound
EB - eastbound

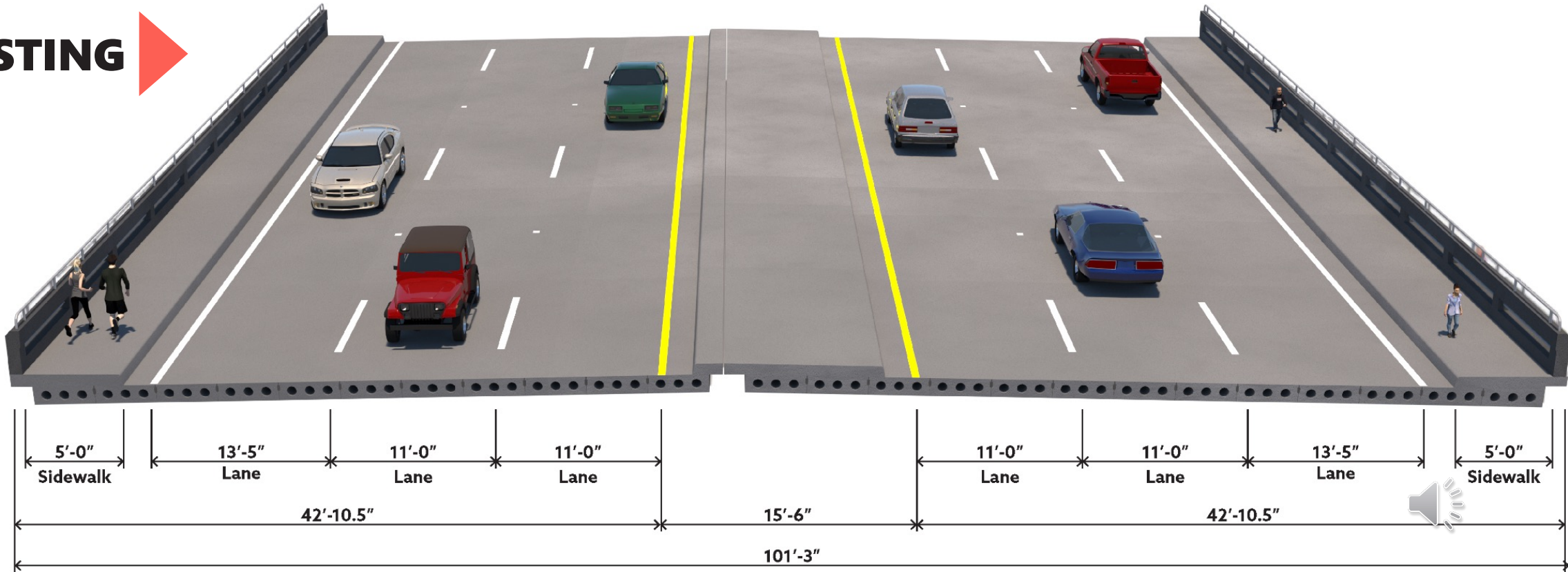


Existing Conditions

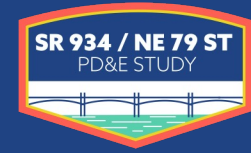


Bridges West of Harbor Island

EXISTING 

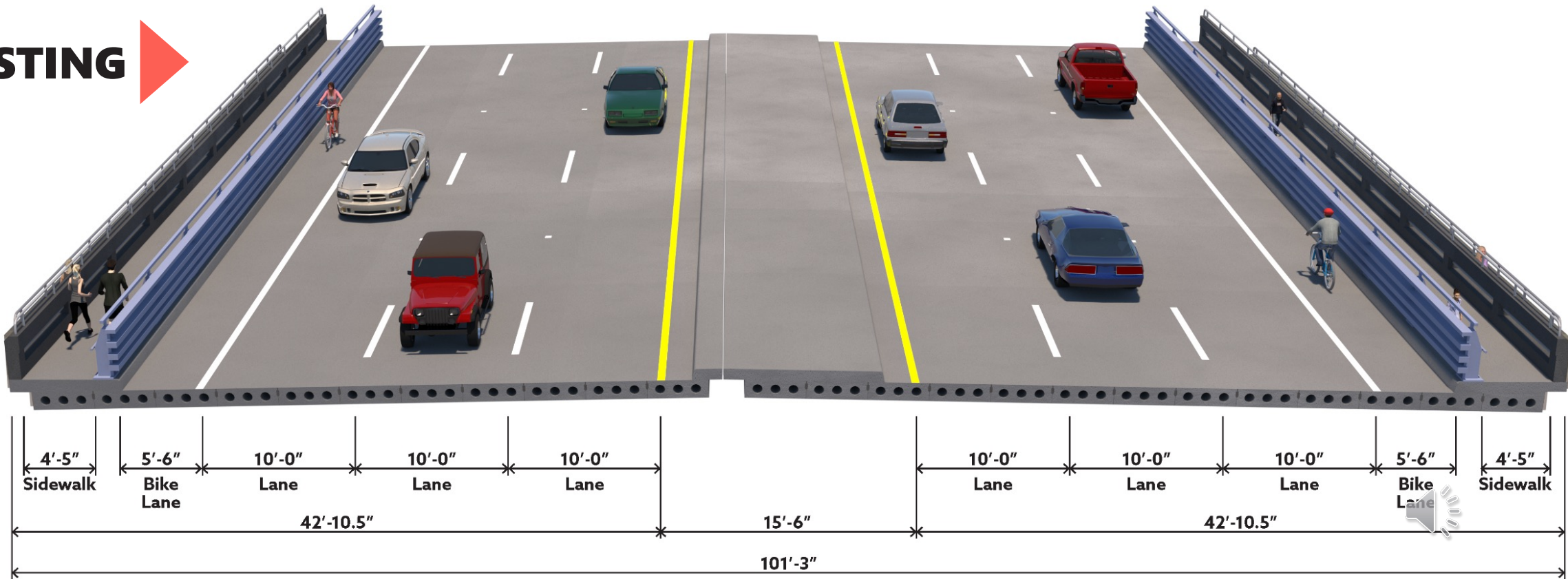


Existing Conditions

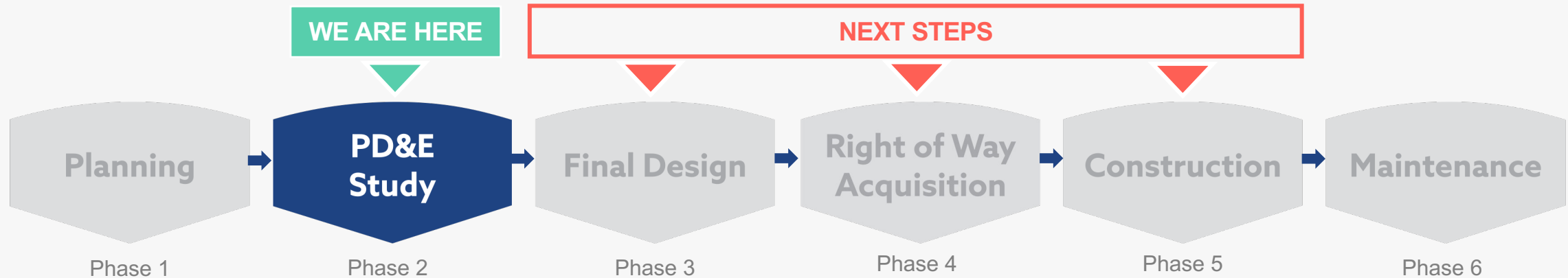
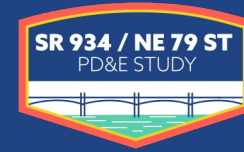


Bridges East of Harbor Island

EXISTING 



Transportation Project Delivery Process



..... **CONTINUOUS AGENCY AND PUBLIC ENGAGEMENT**

The PD&E Study Process is followed by FDOT

To evaluate:

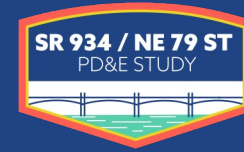
- Engineering Alternatives
- Environmental Impacts

&

To comply with:

- National Environmental Policy Act (NEPA)
- Federal and State Environmental Laws
- Requirements Involving Federal Funding

PD&E Study Process



Project Kickoff Meeting
November 29, 2022

Alternatives Public Meeting
October 2 and 5, 2023

Public Hearing
May 13, 2024

1

Data Collection

- Engineering Data
- Environmental Data
- Other Data

2

Preliminary Concept Alternatives

- Needs Analysis
- Concept Alternatives Development

3

Environmental & Engineering Analysis

- Engineering Analysis & Studies
- Environmental Analysis & Studies
- Concept Alternatives Screening

4

Alternatives Refinement

- Alternatives Refinement and Screening

5

Final PD&E Documents

- Preliminary Engineering Report
- NEPA Document
- FDOT Review and Approval of Final Documents

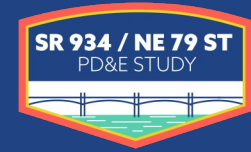
Location and Design Concept Acceptance (LDCA)

Project Advances to the Design Phase

OPPORTUNITY FOR PUBLIC ENGAGEMENT



Purpose and Need



- **What is the purpose of the study?**
 - Evaluate bridge replacement alternatives to address the structural deficiencies of four existing bridges (two bridge pairs)
- **Why is the project needed?**



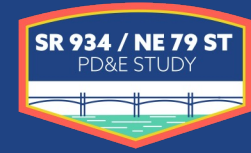
Address
Bridge
Deficiencies



Maintain
Emergency
Evacuation



Planning Consistency



TP
Miami-Dade Transportation
Planning Organization

FISCAL YEARS 2024–2028

TRANSPORTATION IMPROVEMENT PROGRAM (TIP)



Approved June 22, 2023

The slide features a green background with a grid of ten images illustrating various transportation modes: a pedestrian crossing sign, an airplane, a monorail, a city skyline, a tram, a bicycle, a 100% electric bus, a bridge, and a port with cranes.

SMART MAP 2050

Mobility. Accessibility. Prosperity.

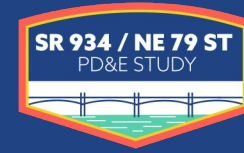


MIAMI-DADE TRANSPORTATION PLANNING ORGANIZATION

LONG RANGE TRANSPORTATION PLAN

The slide features a white background with a large, stylized arrow graphic pointing right, composed of purple, white, and orange sections. In the center of the arrow is a photograph of four diverse young people smiling and looking at a tablet computer. The SMART M.A.P. 2050 logo is in the top right corner, and the text "MIAMI-DADE TRANSPORTATION PLANNING ORGANIZATION" and "LONG RANGE TRANSPORTATION PLAN" are at the bottom.

Alternatives Evaluation Process



1

Data Collection

Data Collection & Analysis

- Land & Water Surveys
- Traffic
- Roadway
- Structures
- Environmental
- Geotechnical
- Drainage

2

Alternatives Development

Typical Section Analysis

- Lane Widths
- Bike / Ped Features
- Constructability

Traffic & Safety

- Existing Conditions
- Future Demand Forecasting
- Build Conditions
- Safety Analysis

Engineering Analysis

- Structures
- Roadway
- Drainage / Sea Level Rise
- Phasing

Environmental Analysis

- Cultural Resources
- Natural Resources
- Physical Resources
- Documentation

Determine Typical Section

- # of lanes
- Lane widths
- Shoulder widths
- Ped / Bike features

Determine Bridge Height

Analyze Constructability

3

Alternatives Screening

Screen Alternatives

- No Action / No Build Alternative
- Transportation System Management & Operations Alternative (TSM&O)
- Rehabilitation / Repair Alternatives
 - Alternative 1a (Dismissed)
 - Alternative 1b (Dismissed)
- Build Replacement Alternatives
 - Alternative 2a
 - Alternative 2b



No Action / No Build Alternative



Transportation System Management & Operations Alternative



Rehabilitation Alternative 1A



Rehabilitation Alternative 1B

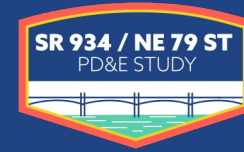


Build Replacement Alternative 2A



Build Replacement Alternative 2B 

Alternatives Evaluation Process



3

Alternatives Screening

Screen Alternatives

- No Action / No Build Alternative
- Transportation System Management & Operations Alternative (TSM&O)
- Rehabilitation / Repair Alternatives
 - Alternative 1a (Dismissed)
 - Alternative 1b (Dismissed)
- Build Replacement Alternatives
 - Alternative 2a
 - Alternative 2b

4

Alternatives Meeting

Alternatives Advancing to the Public Meeting

- Alternative 2a
- Alternative 2b

5

Alternatives Refinement

- Refine Alternatives based on public feedback

WE ARE HERE

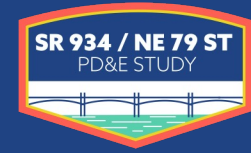
6

Public Hearing

- Preferred Alternative identified and presented to the public

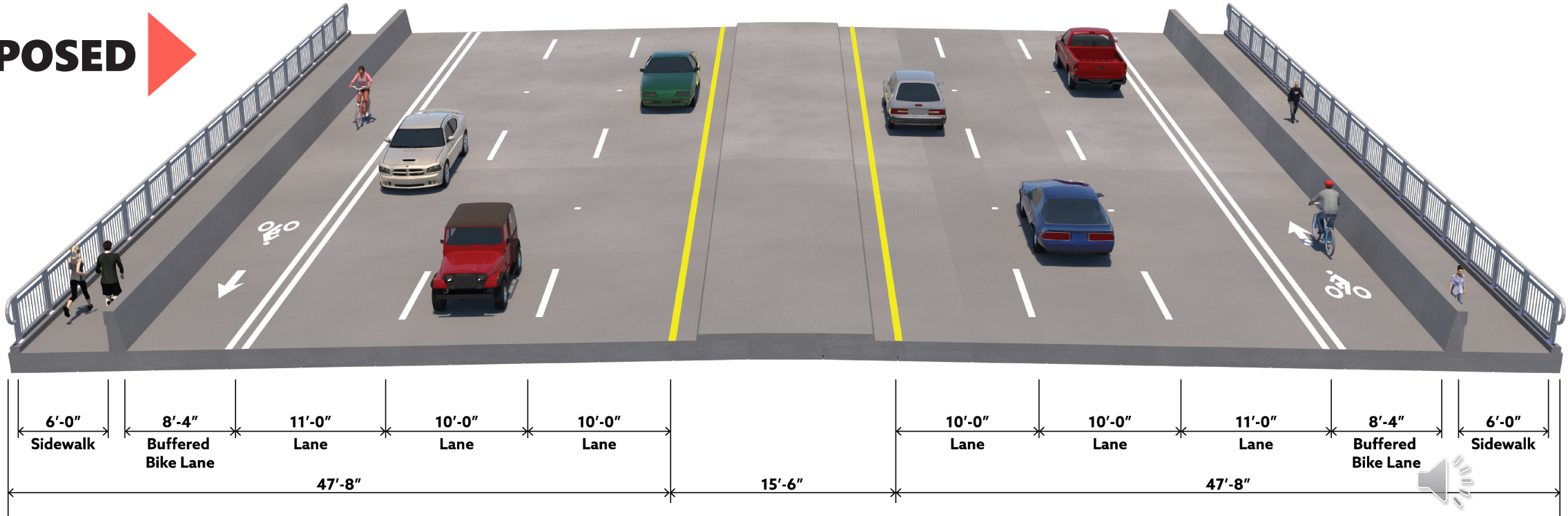


Typical Section Replacement Alternatives 2A & 2B

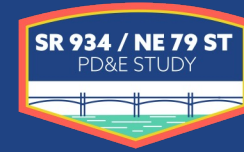


Bridges East
and West of
Harbor Island

PROPOSED



Proposed Bridge Profiles



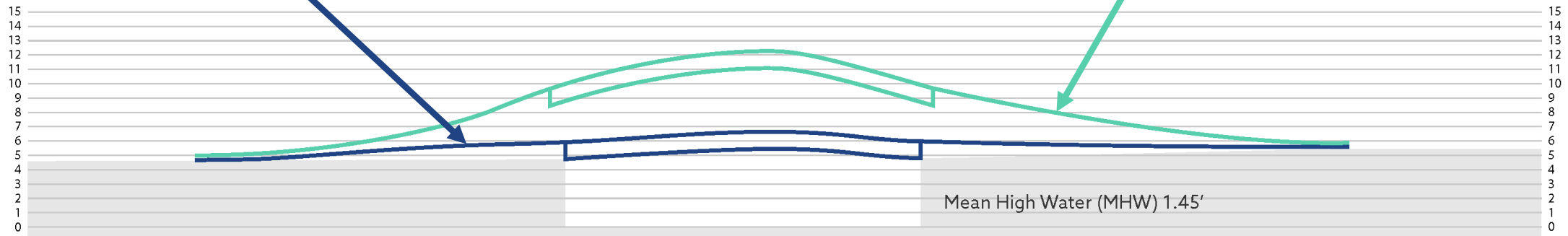
The difference between **Alternatives 2A** and **2B** is their proposed profiles.

Alternative 2A Profile

Profile similar to the existing profile
(Minimum Vertical Clearance 3')

Alternative 2B Profile

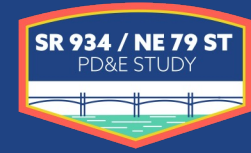
Profile raised to meet current guidelines
Requires reconstruction of driveways and
construction of gravity walls
(Minimum Vertical Clearance 7')




- **Alternative 2A Profile**
Minimum Vertical Clearance 3'
- **Alternative 2B Profile**
Minimum Vertical Clearance 7'



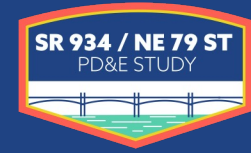
Alternatives Summary



Evaluation Criteria	No-Build Alternative	Bridge Replacement Alternatives	
		Alternative 2A (Low-Bridge Profile)	Alternative 2B (Raised Bridge Profile)
Meets FDOT Standards for Roadway and Bridge	No	No	Yes
Estimated Service Life	5-10 years	75 years	75 years
Increase in Bridge Vertical Clearance	No	No	Yes
Meets Sea Level Rise Requirements	No	No	Yes
Driveway / Access Reconstruction (number)	0	0	5
Retaining Wall Required (length in feet)	0	0	1,325
Anticipated Construction Cost (\$ million)*	\$0	\$40M - \$50M	\$50M - \$60M
Potential Section 4(f) Impacts	None	Permanent (0.29 acre) and Temporary Construction Easement (0.12 acre) needed from Pelican Harbor Park	
Wetland Impacts	None	Minimal impacts (0.32 acres) to mangrove/buttonwood 	

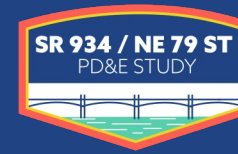
* Present Day Costs

Public Engagement Snapshot

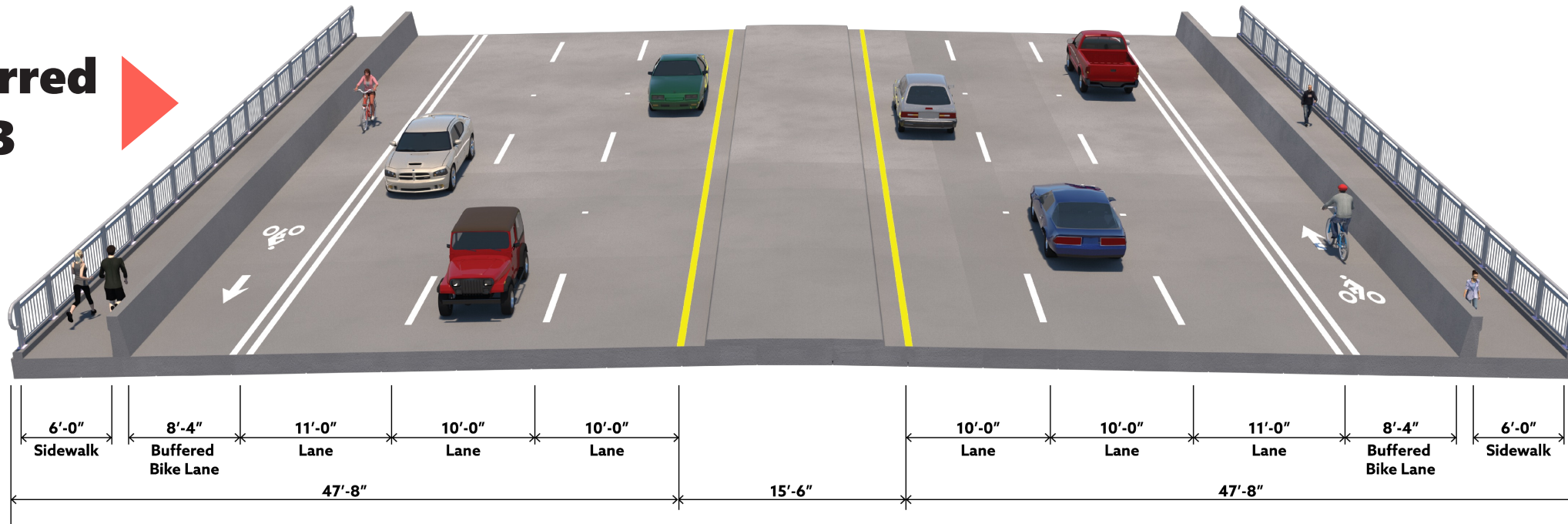


AGENCY / ORGANIZATION	DATE
North Bay Village Commission Meetings	October 2022
Public Kickoff Meeting	November 29, 2022
Project Advisory Team Meeting	April 20, 2023
Miami-Dade Transportation Planning Organization (TPO) Citizens' Transportation Advisory Committee	May 31, 2023
TPO Transportation Planning Council	June 12, 2023
TPO Bicycle Pedestrian Advisory Committee	June 13, 2023
North Bay Village Beautification Meeting	July 20, 2023
TPO Transportation Aesthetics Review Committee	September 20, 2023
Alternatives Public Meeting - Virtual	October 2, 2023
Alternatives Public Meeting – In Person	October 5, 2023
Project Advisory Team Meeting	May 6, 2024

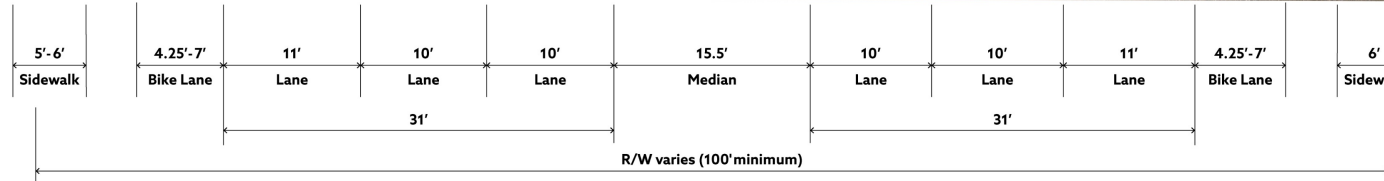
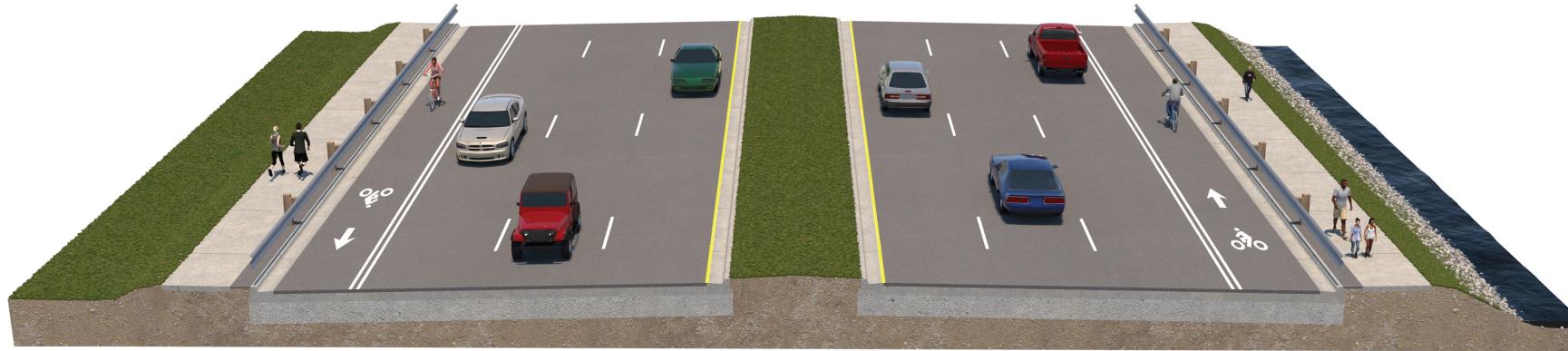
Preferred Alternative – Bridge Replacement



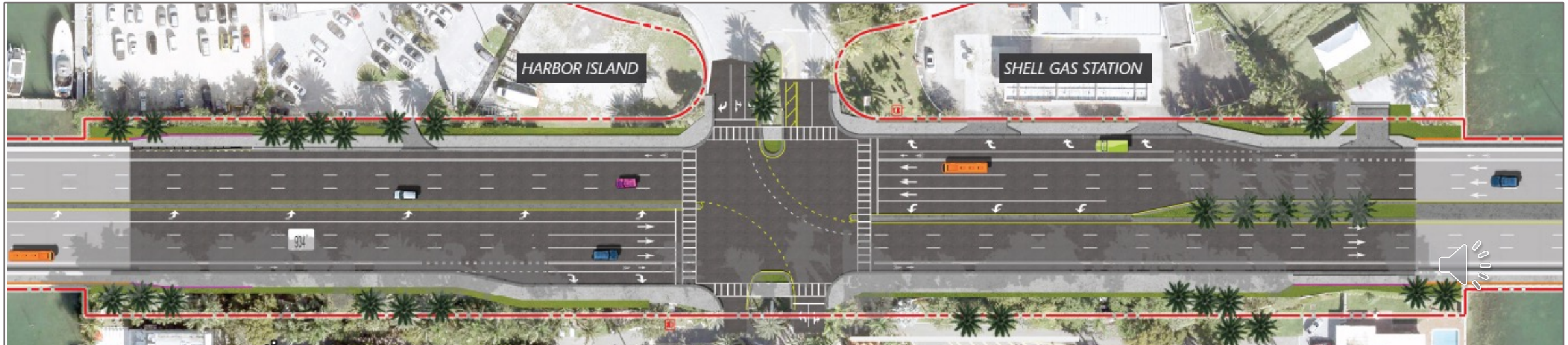
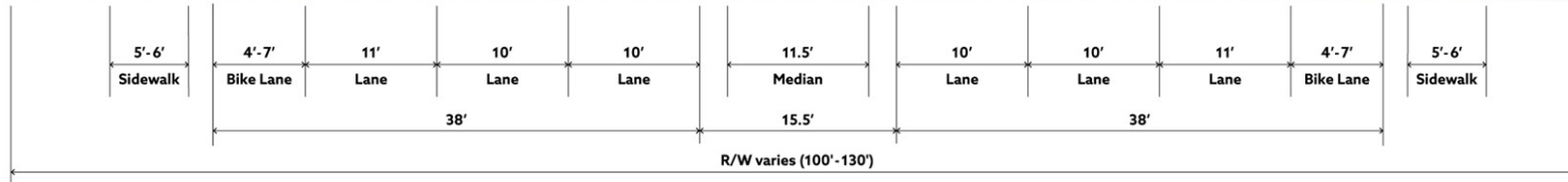
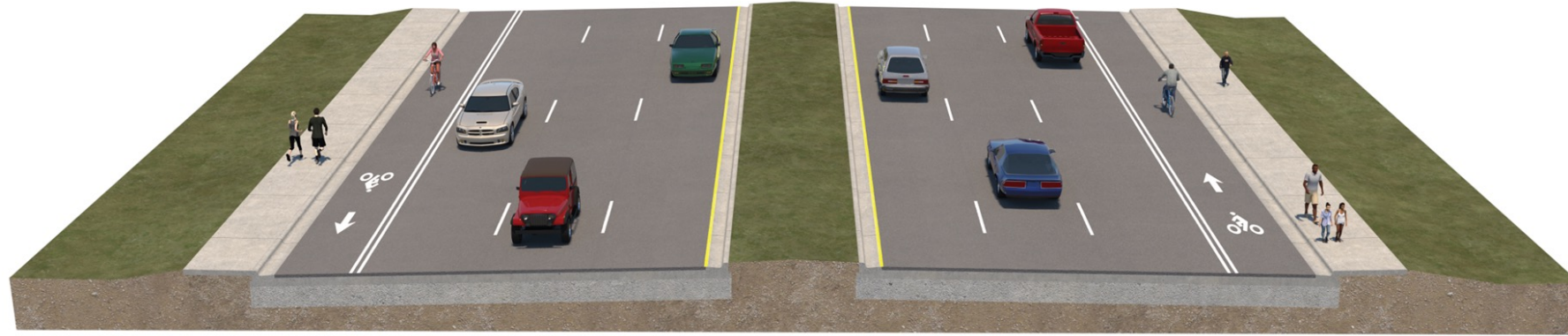
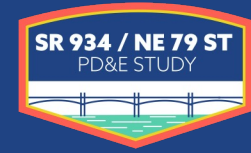
**Preferred
Alt 2B**



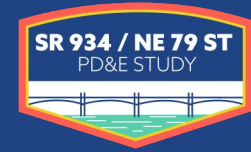
Additional Improvements



Additional Improvements



Environmental Considerations



Social

- Land Use
- Farmlands
- Aesthetics
- Mobility
- Consistency with Local Plans
- Relocations



Cultural

- Archaeological Sites
- Historic Properties
- **Recreation and Section 4(f) Lands**



Natural

- **Wetlands & Other Surface Waters**
- Water Quality
- Floodplains
- **Protected Habitat and Species**
- **Essential Fish Habitat**



Physical

- Air Quality
- Noise
- **Contamination**
- Utilities
- Navigation



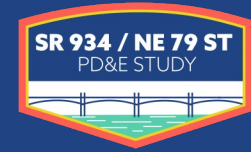
The resources in **bold** are further discussed on the following slides. There are no additional impacts for the remaining items.

- **Pelican Harbor Park and Marina**
 - 0.29-acre permanent easement needed to upgrade sidewalks, lighting and guardrail
 - 0.12-acre temporary construction easement
- **North Bay Village Dog Park**
 - Temporary construction easement needed for driveway reconstruction and harmonization

*Section 4(f) refers to the original section within the **U.S. Department of Transportation Act of 1966** which provided for consideration of park and recreation lands, wildlife and waterfowl refuges, and historic sites during transportation project development.*



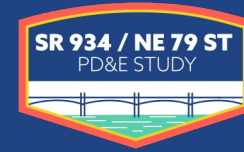
Natural Resources - Wetlands



Resource	Temporary Impacts for Construction Easement in Pelican Harbor Park (acres)	Long-Term Impacts under Preferred Alternative (acres)
Wetlands (Estuarine and Marine Deepwater Habitat)	0.05	0.3 (shading)
Buttonwoods and Mangroves	0.05	0.27
Seagrass (discontinuous)	0.0094	0.0091 (shading)
Seagrass (continuous)	0.0054	0.0018 (shading)



Natural Resources – Species & Habitat



May Affect but not Likely to Adversely Affect:

- American crocodile
- Eastern indigo snake
- Florida manatee
- Giant Manta Ray
- Green sea turtle
- Hawksbill sea turtle
- Kemp's ridley sea turtle
- Leatherback sea turtle
- Loggerhead sea turtle
- Small-tooth sawfish



No Adverse Effect Anticipated:

- Black skimmer
- Least tern
- Little blue heron
- Reddish egret
- Roseate spoonbill
- Tricolored heron



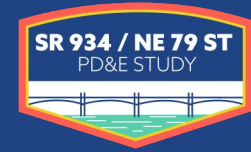
Physical Environment

- Utilities located within the right-of way or mounted on the bridges may require relocation
- Contamination Potential
 - High Risk – 4 sites
 - Medium Risk – 1 site
 - No right-of-way acquisition is required

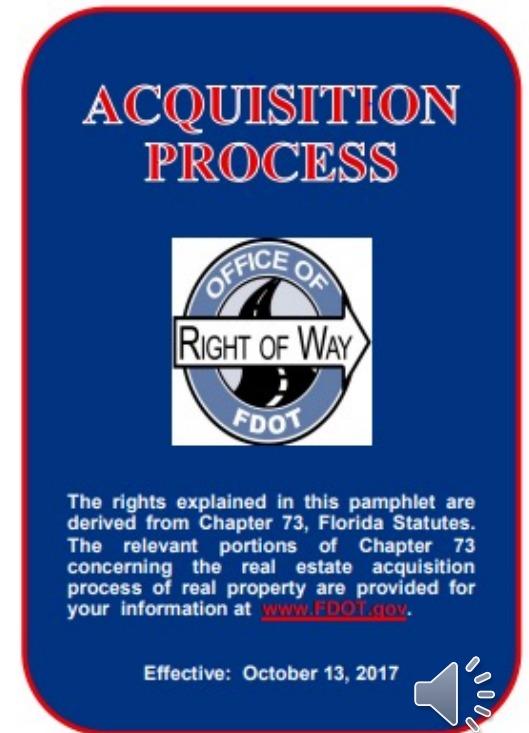
Risk Rating	Number of Sites
Low	2
Medium	1
High	4



Right-of-Way

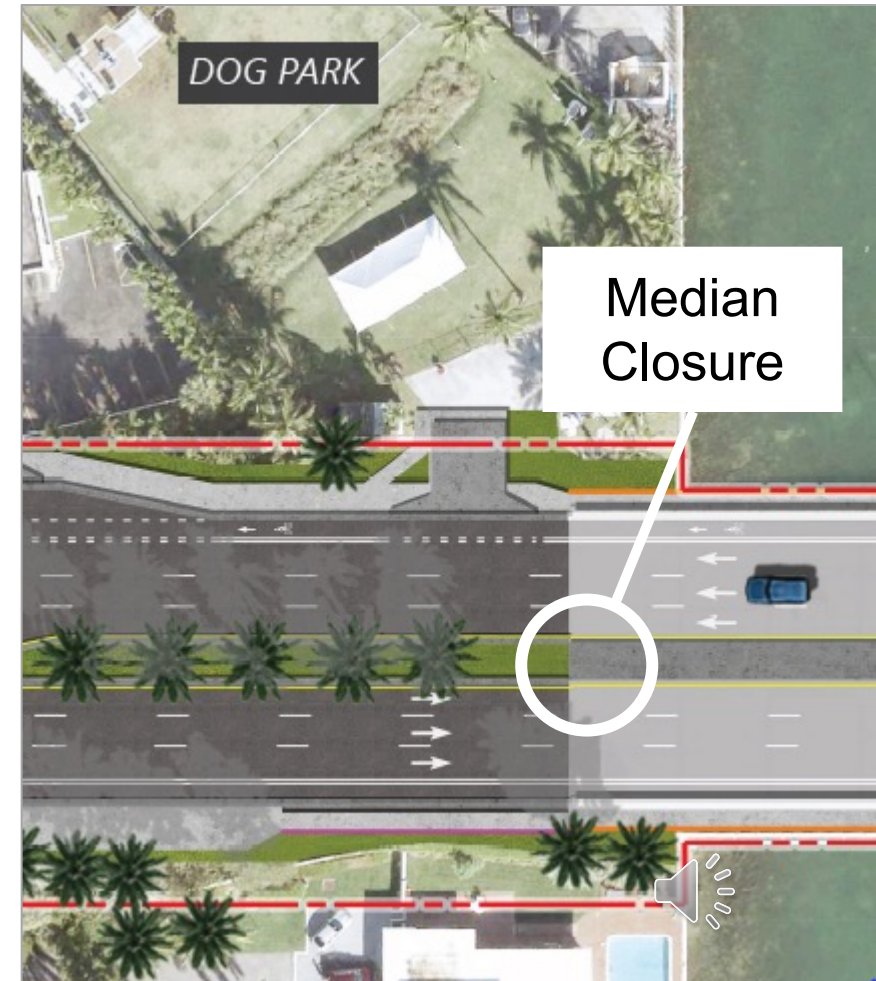


- This project will not cause any relocation of families or businesses.
- All right of way acquisition will be conducted in accordance with Florida Statute § 339.09 and § 421.55 and also the federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, commonly known as the Uniform Act.

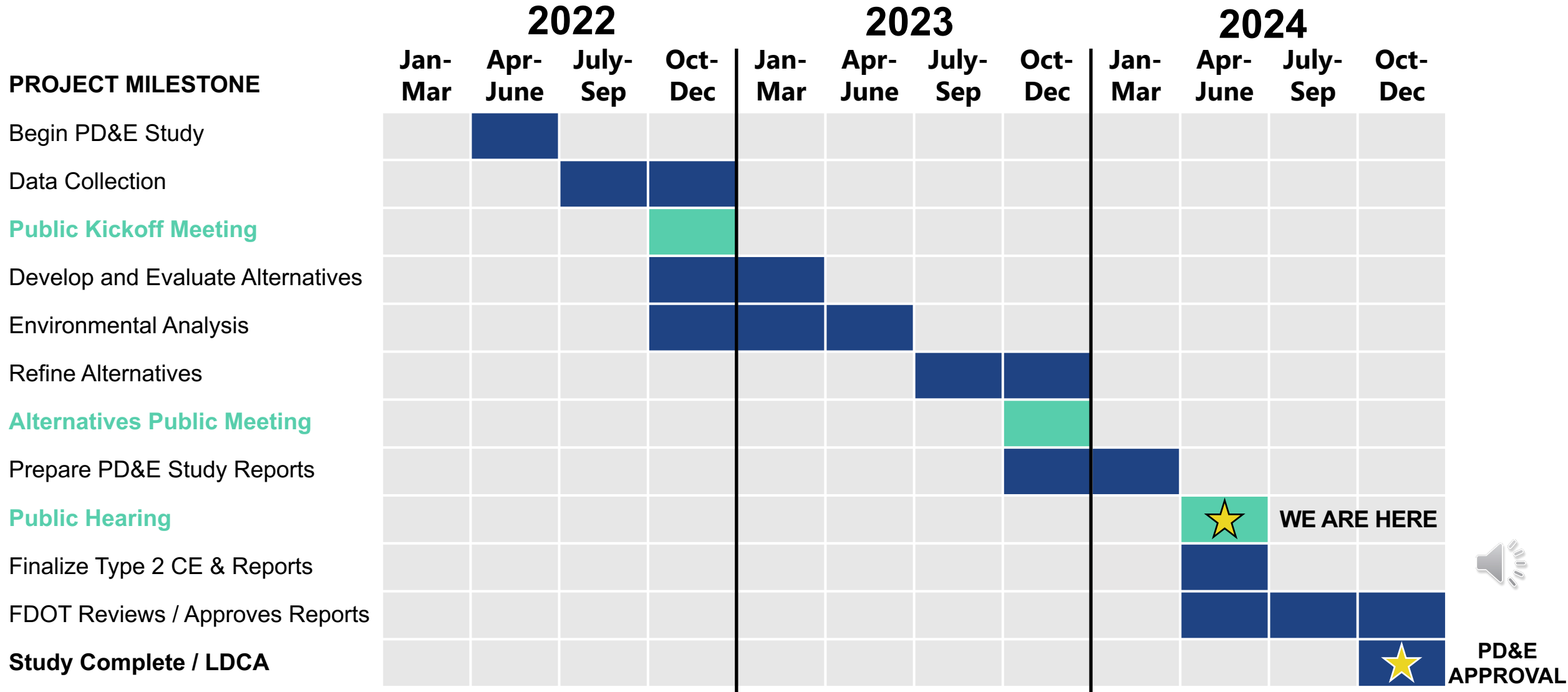
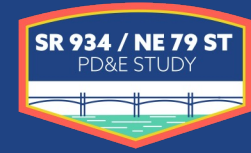


Access Management

- **Driveway reconstruction at 6 locations:**
 - North Bay Village, Safety Complex Site
 - Shell Gas Station
 - North Bay Village, Civic Park Site
 - WSVN/Channel 7 property
 - Grove by the Bay property
 - Speedway Gas Station
- **Median closure east end of Harbor Island**



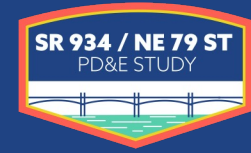
Schedule



PD&E APPROVAL

*Schedule is Subject to Change

Stay Involved



In-Person



Virtually



**Email or
Mail**

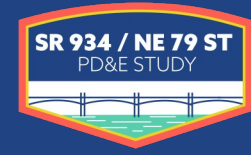


Phone

Comments received or postmarked by May 23rd, 2024 will be included in the public hearing record.



Ways to Comment



1. In-person at the hearing:
 - Fill out a “Speaker Request Card”
2. In-person to the Court Reporter
3. Using GoToWebinar
4. Call the Project Manager after the Public Hearing
5. Website
6. Mail comment card
7. Email Project Manager

Paola Martinez, P.E.

FDOT Project Manager

FDOT District 6

1000 NW 111 Avenue

Miami, FL 33172

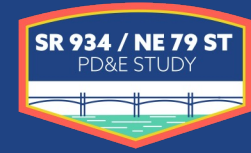
Phone: (305) 470-5210




Email: paola.martinez@dot.state.fl.us

- **To make a statement:**
 - Come to the microphone when called
 - Provide name, address, (affiliation, if applicable)
 - Provide your comment (3-minute limit)
 - Questions will be responded to in writing, project staff are also available after the presentation.



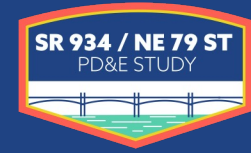
Online Public Comments



1. Request to speak
2. Organizer will call your name and unmute you
3. Check microphone icon on the GoToWebinar control panel
 1. If  you are ready to comment
 2. If  you will need to unmute your device
4. Make your comment when microphone icon is 



Submit Comments



Send to:

Paola Martinez, P.E.
FDOT Project Manager
FDOT District 6
1000 NW 111 Avenue
Miami, FL 33172

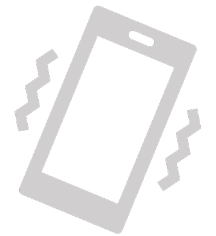
1. paola.martinez@fdot.state.fl.us

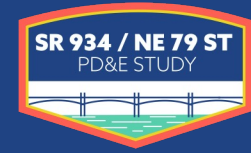


2. www.southflroads.com/79thstreetbridgespdestudy.html



3. (305) 470-5210





Thank you for attending!

LET'S GET EVERYONE HOME SAFELY.

[TargetZeroFL.com](https://www.TargetZeroFL.com)



Together, we can drive change.