

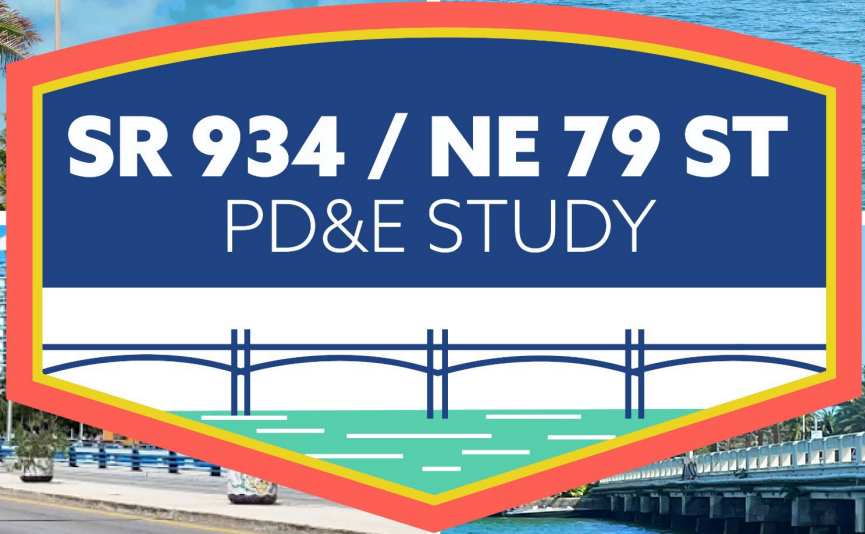


SR 934 / NE 79 ST
PD&E STUDY



SR 934/NE 79 ST PD&E Study
Project Advisory Team Meeting # 1
Thursday, April 20, 2023





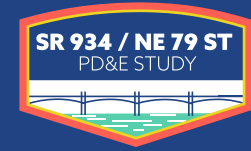
SR 934/NE 79 ST PD&E Study

West of Pelican Harbor Drive to East of Adventure Avenue
Miami-Dade County, FL
April 20, 2023

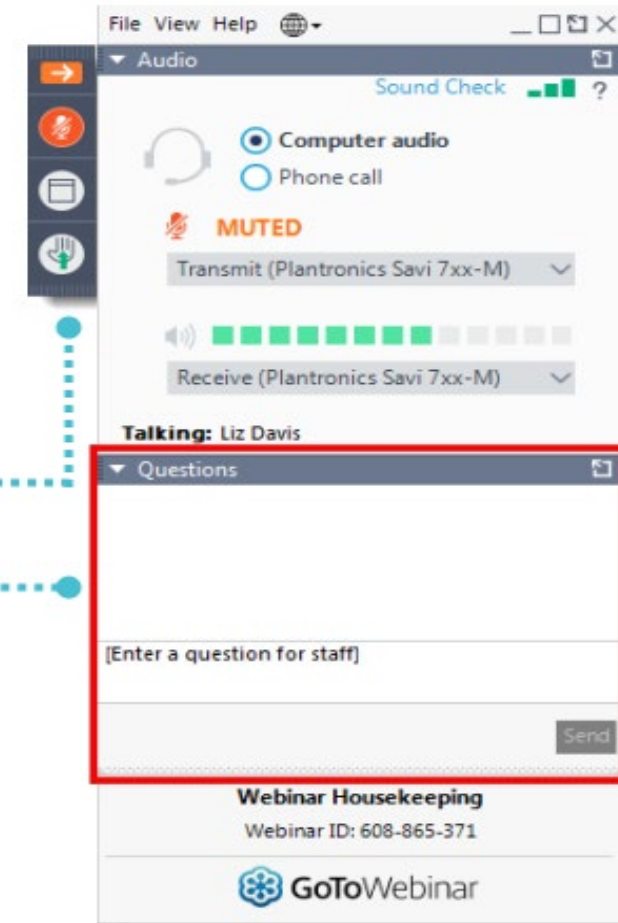
Bridge No. 870083;-549;-084;-550
FM No. 449007-1-22-01



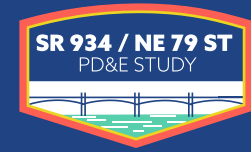
Rules of Engagement



- Virtual attendees are **automatically muted** to start the meeting
- Providing comments during open discussion period:
 - Raise hand during comment period, you will be unmuted in order of raising hands
 - Submit comments via the "Questions" Box
- Get Technical Assistance
 - **Call Vanessa Salinas 786-614-0050**



Title VI Non-Discrimination Compliance



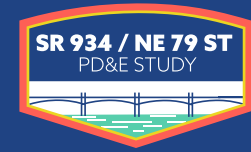
Public participation at this public meeting is encouraged and solicited without regard to race, color, national origin, age, sex, religion, disability, or family status.

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

Florida Department of Transportation
District Six Office
District Six Title VI Coordinator
Nicholas Danu, P.E.
100 NW 111th Avenue
Miami, Florida 33172
Nicholas.Danu@dot.state.fl.us
(305) 470-5219

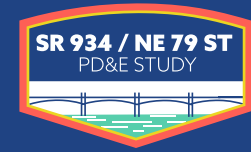
Florida Department of Transportation
Tallahassee Office
State Title VI Coordinator
Stefan Kulakowski
605 Suwannee Street
Tallahassee, Florida 32399
Stefan.Kulakowski@dot.state.fl.us
(850) 414-4742

NEPA Assignment Statement



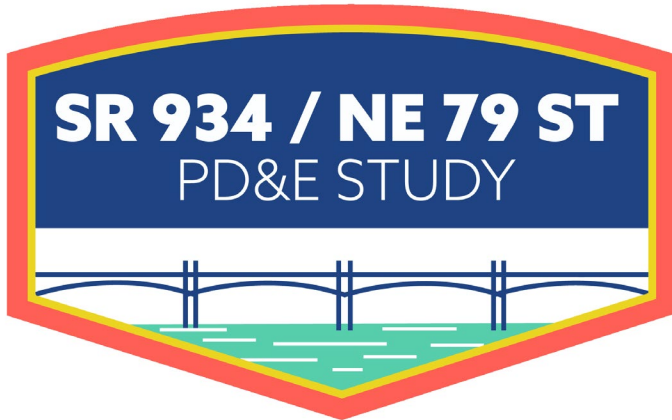
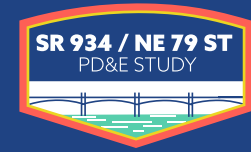
The environmental review, consultation, and other actions required by applicable federal government laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C § 327 and a Memorandum of Understanding dated May 26, 2022, and executed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

Role of Community Advisory Group



- Provide guidance and serve as a resource to the PD&E Study Team
- Ensure stakeholder interests are fully considered in study
- Serve as a sounding board for recommendations

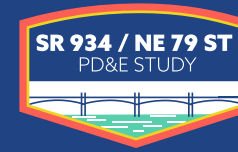
Presenters/Panelists



- FDOT Project Manager: Hector Di Donato, P.E.
- Consultant Project Manager: William Leidy, P.E.
- Community Outreach Specialist: Alicia Gonzalez



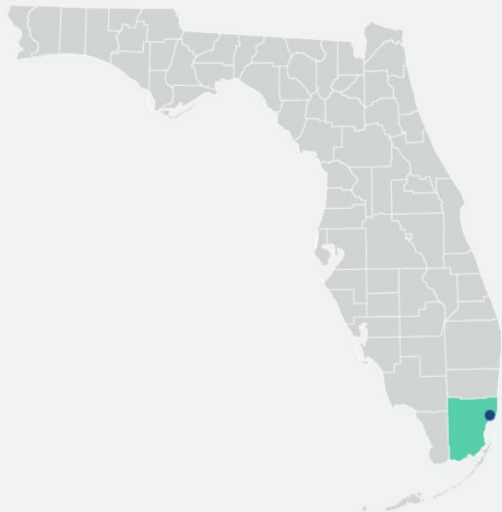
Project Location



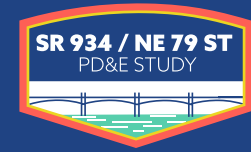
NE 79th Street (SR 934)

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 November 2020, the
bridge inspection reports
indicate the bridges are
candidates for repair or
replacement.

**Bridges West of
Harbor Island**

Bridge ID

870083 (WB)

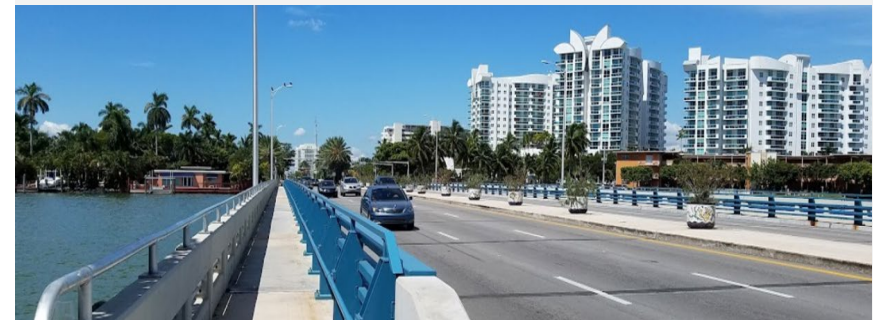
870549 (EB)

**Bridges East of
Harbor Island**

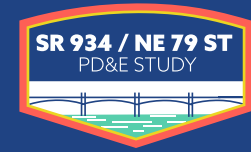
870084 (WB)

870550 (EB)

WB – westbound
EB - eastbound



Purpose and Need



- **What is the purpose of the study?**
 - Identify the best solution for replacement of the existing bridges
- **Why is the project needed?**



Address
Aging
Infrastructure

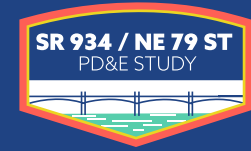


Improve
Bike/Ped
Safety



Maintain
Emergency
Evacuation

What is a PD&E Study?



A Project Development & Environment (PD&E) Study is *a process to analyze a transportation project.*

It consists of 3 elements:



Engineering

Identify potential design solutions



Environmental

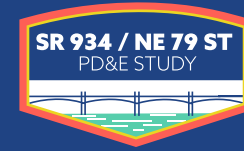
Evaluate potential impacts to the social, cultural, natural, and physical environments



Public Involvement

Seek public input

PD&E Study Process



1

Data Collection

- Engineering Data
- Environmental Data
- Other Data

2

Preliminary Concept Alternatives

- Needs Analysis
- Initial Concept Alternatives Development
- Screen Concept Alternatives

3

Environmental Analysis

- Environmental Analysis & Studies
- Environmental Documentation

4

Engineering Analysis & Design

- Engineering Analysis
- Alternatives Refinement and Screening

5

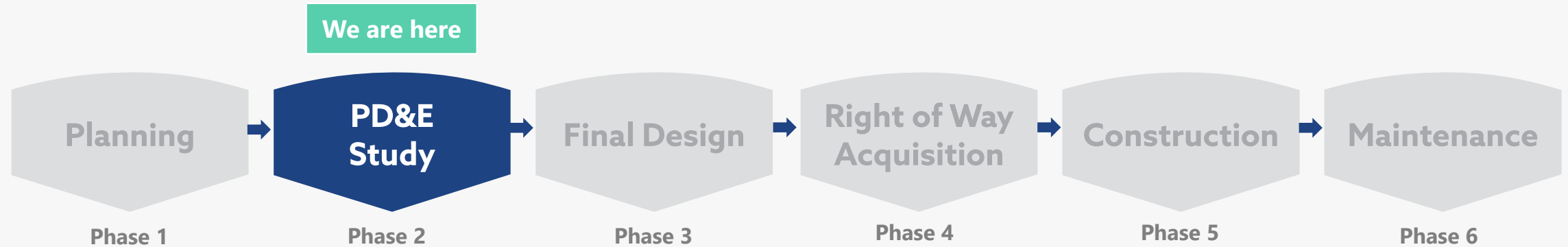
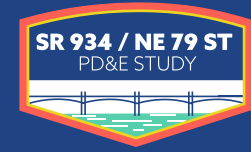
Final PD&E Documents

- Preliminary Engineering Report
- Type 2 Categorical Exclusion
- FDOT Review of Final Documents

Project Advances to the Design Phase

OPPORTUNITY FOR PUBLIC ENGAGEMENT

FDOT Projects Delivery Process



The (PD&E) Study Process is followed by FDOT

To evaluate:

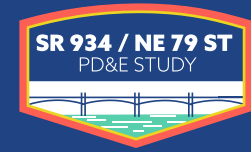
- Engineering Alternatives
- Environmental Impacts

&

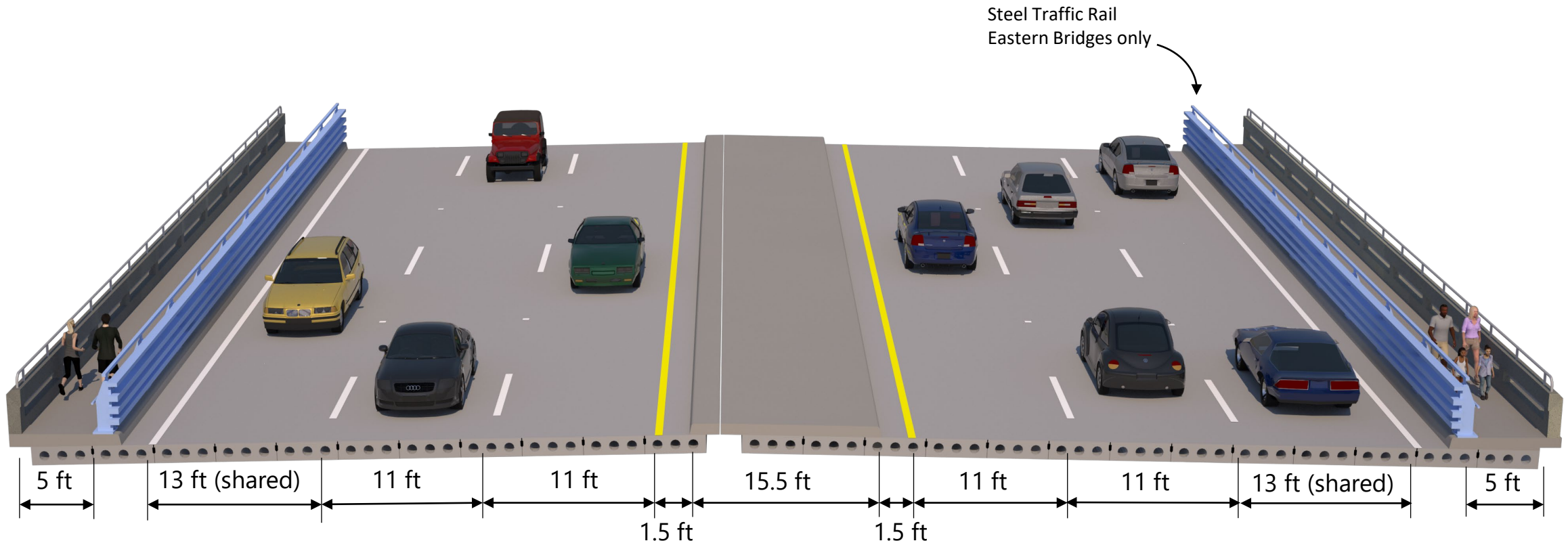
To comply with:

- National Environmental Policy Act (NEPA)
- Federal and State environmental laws
- Requirements involving federal funding

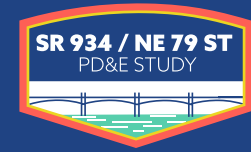
Existing Conditions



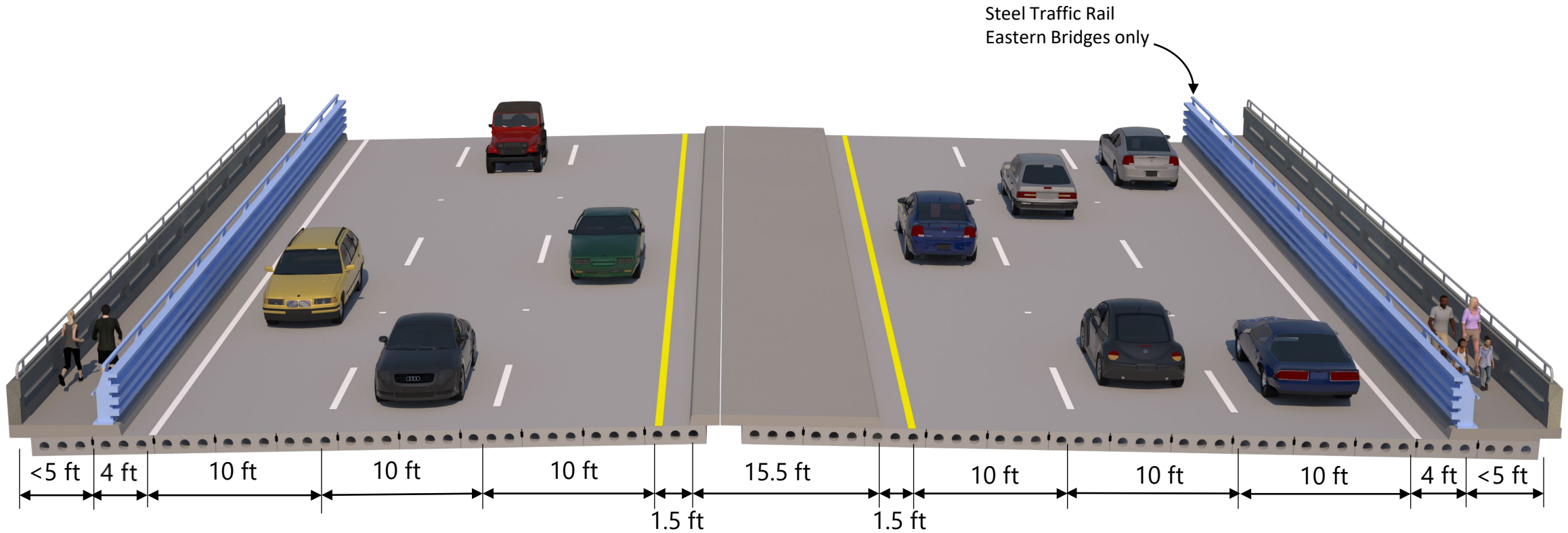
	Bridge ID	Lane Widths	Sidewalks	Bike Lane
Bridges West of Harbor Island	870083 (WB)	Four 11 ft. inside lanes	5 ft. Raised	Shared
	870549 (EB)	Two 13 ft. outside lanes		



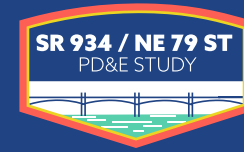
Existing Conditions



	Bridge ID	Lane Widths	Sidewalks	Bike Lane
Bridge East of Harbor Island	870084 (WB)	Six 10 ft. lanes	< 5 ft. with Barrier	4 ft.
	870550 (EB)			



Engineering Considerations



Bridge

- Horizontal Alignment
- Type & Superstructure
- Clearances
- Bicycle and Pedestrian Facilities



Roadway

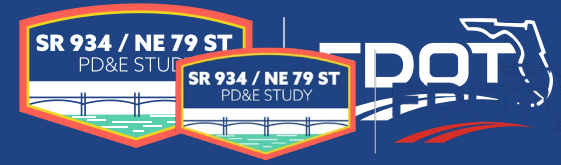
- Roadway Geometry
- Right-of-Way
- Signalized Intersections
- Roadway Shared Use Path and Bicycle Facilities
- Temporary Traffic Control



Other Project Areas

- Utilities
- Drainage
- Lighting
- Geotechnical
- Constructability

Environmental Considerations



Socio-Cultural

- Mobility
- Archaeological Sites
- Historic Properties
- Recreation and Section 4(f) Resources



Natural

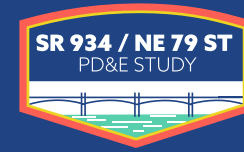
- Wetlands & Water Quality
- Aquatic Preserve
- Wildlife and Habitat
- Essential Fish Habitat
- Outstanding Florida Water



Physical

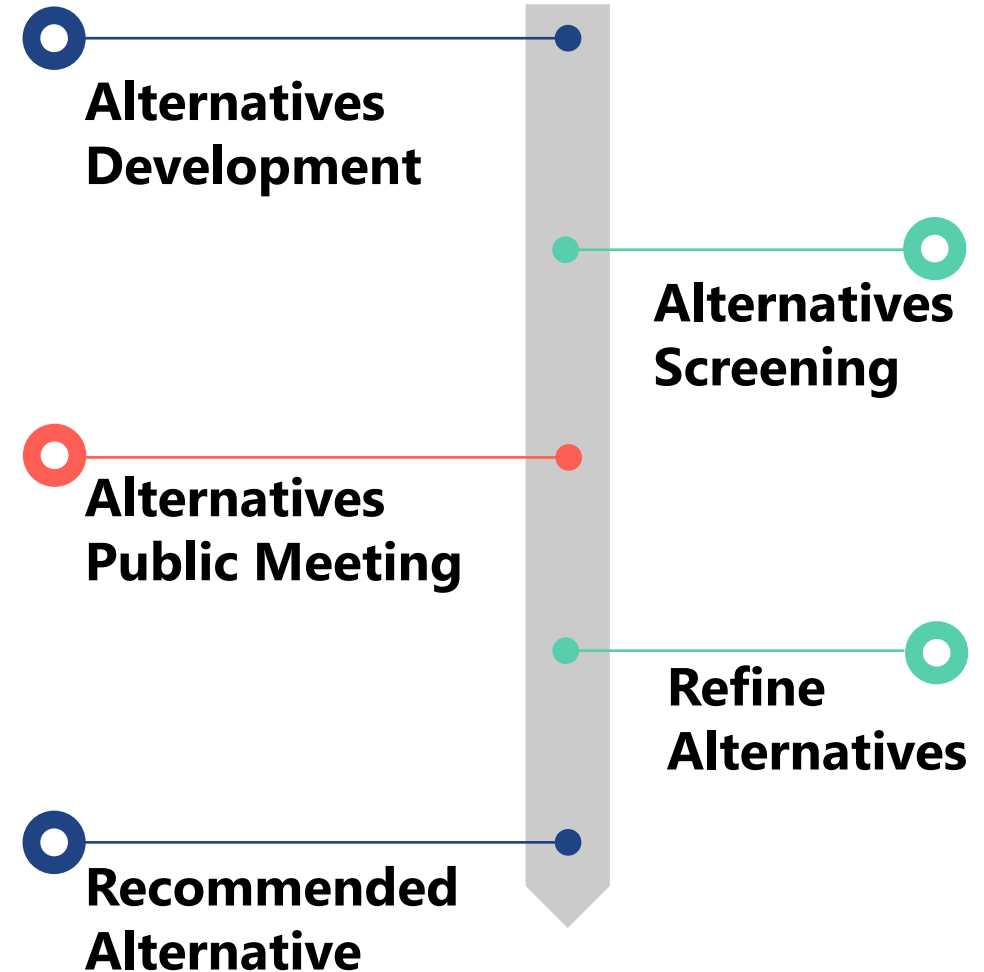
- Traffic Noise
- Air Quality
- Contamination
- Utilities
- Navigation

Alternatives to be Considered

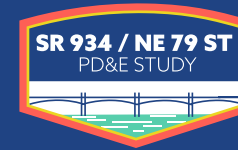


Alternatives Development & Evaluation

- Minor and major bridge rehabilitations were dropped from consideration early in the study because they do not meet the project's purpose and need
- Various options were considered for bridge replacement that took lane widths, bicycle lanes, sidewalks, and construction phasing into account
- Goal is to minimize impacts to the adjacent Pelican Harbor Park and other adjacent driveways/properties

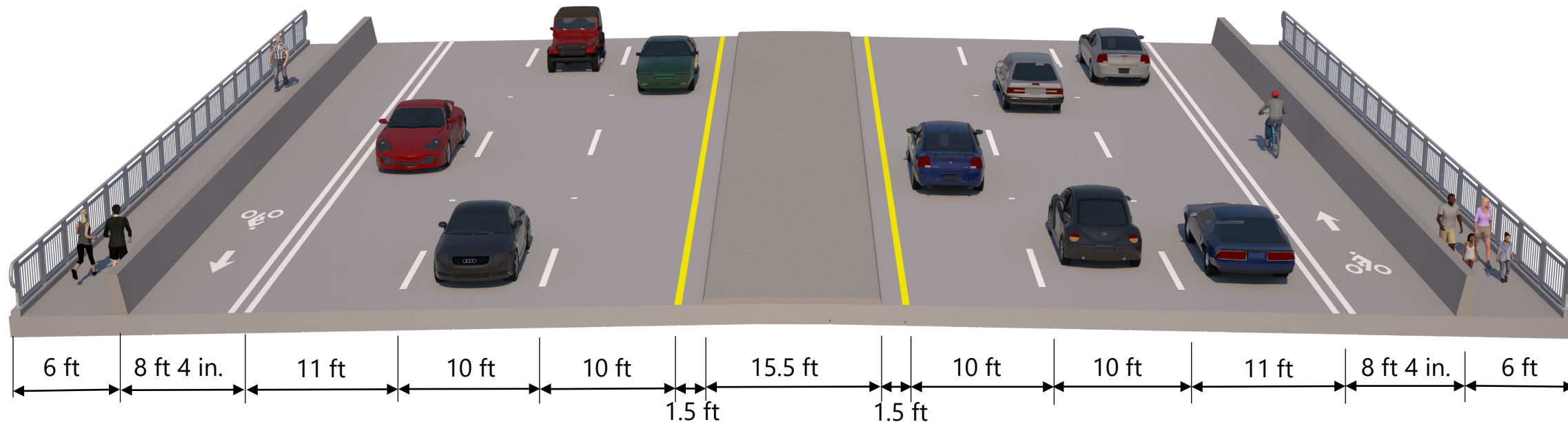


Bridge Alternative: Full Replacement

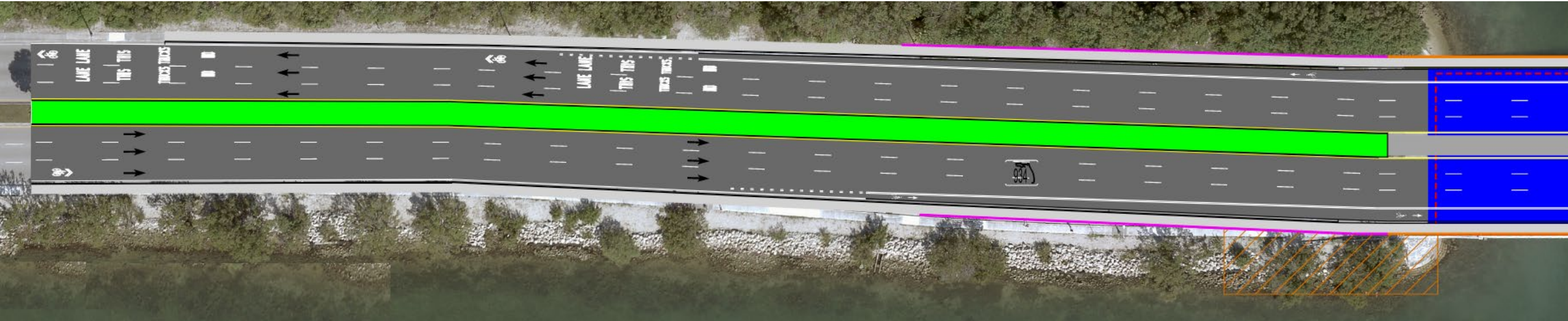
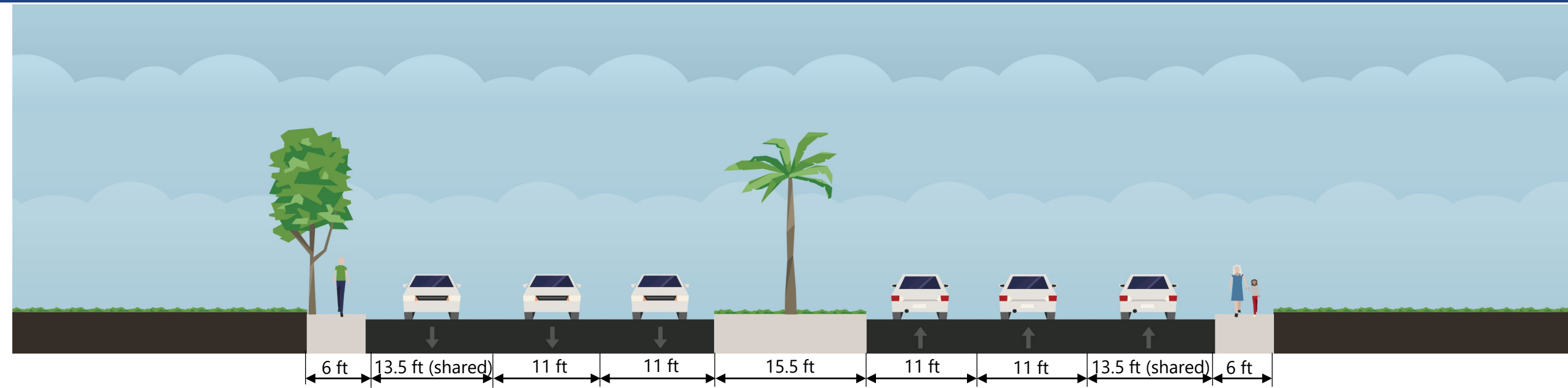
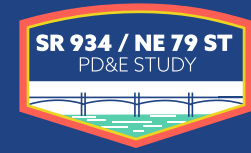


- Proposed Section
 - Bicycle lanes and sidewalks on bridge brought up to standard
 - Bridge widened (520 ft. bridge lengths)

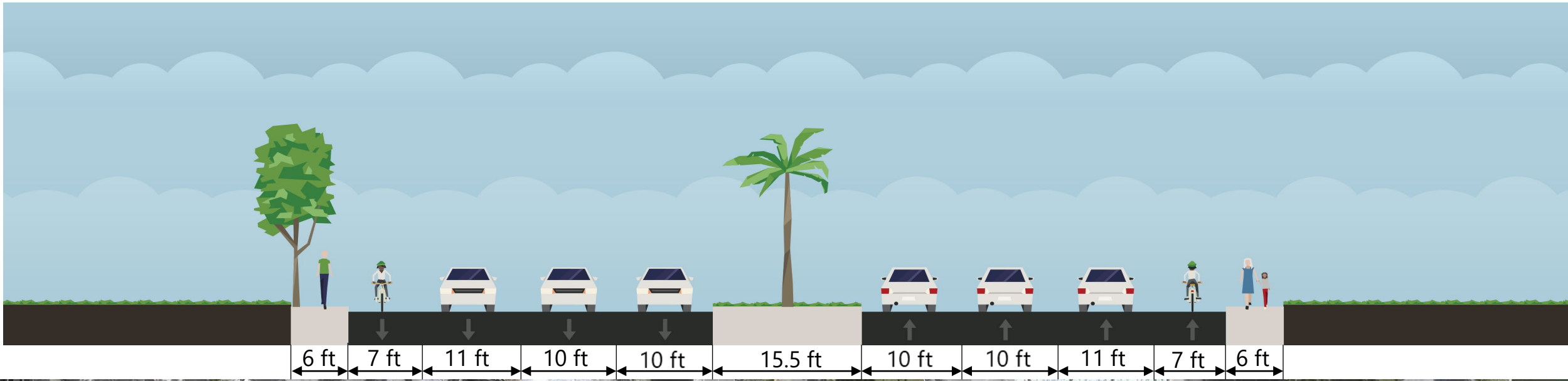
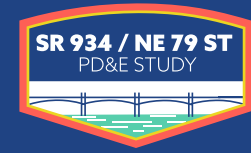
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	870549 (EB)			
Bridge East of Harbor Island	870084 (WB)	Four 10 ft. inside lanes Two 11 ft. outside lanes	6 ft. Raised	8 ft. 4 in.
	870550 (EB)			



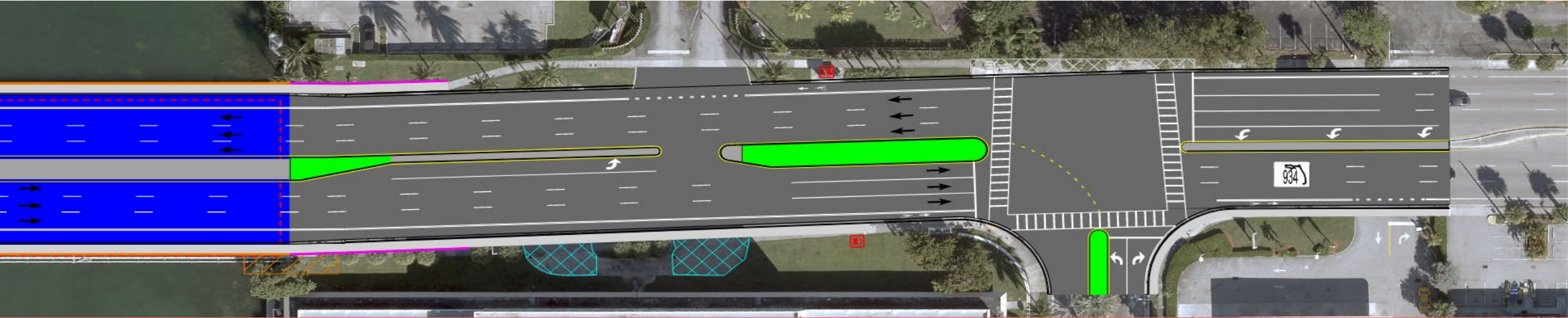
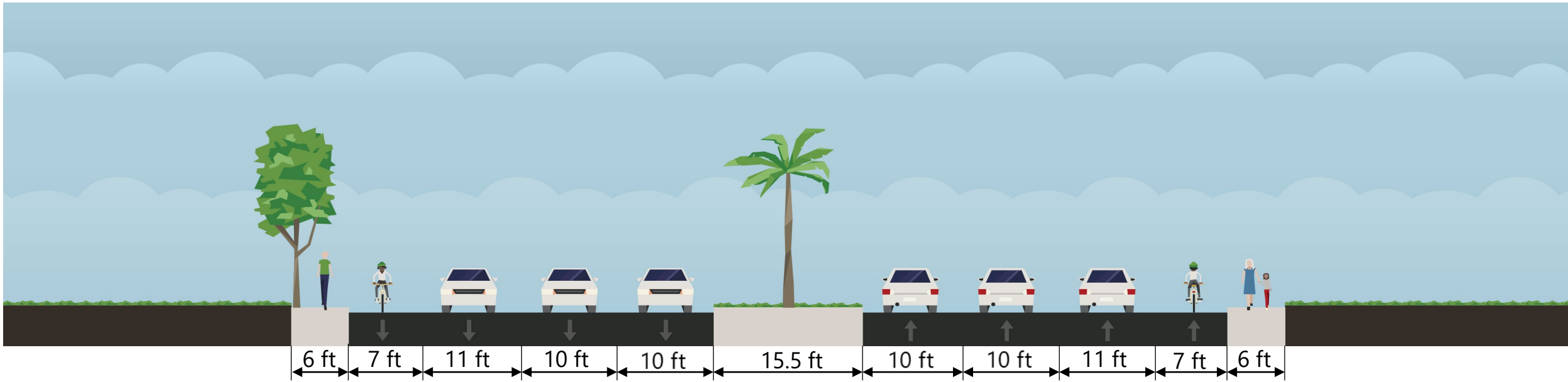
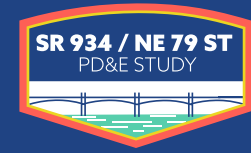
Proposed Roadway Section: West of the West Bridge



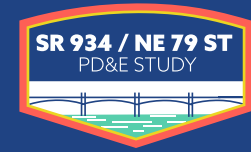
Proposed Roadway Section: Between East and West Bridges



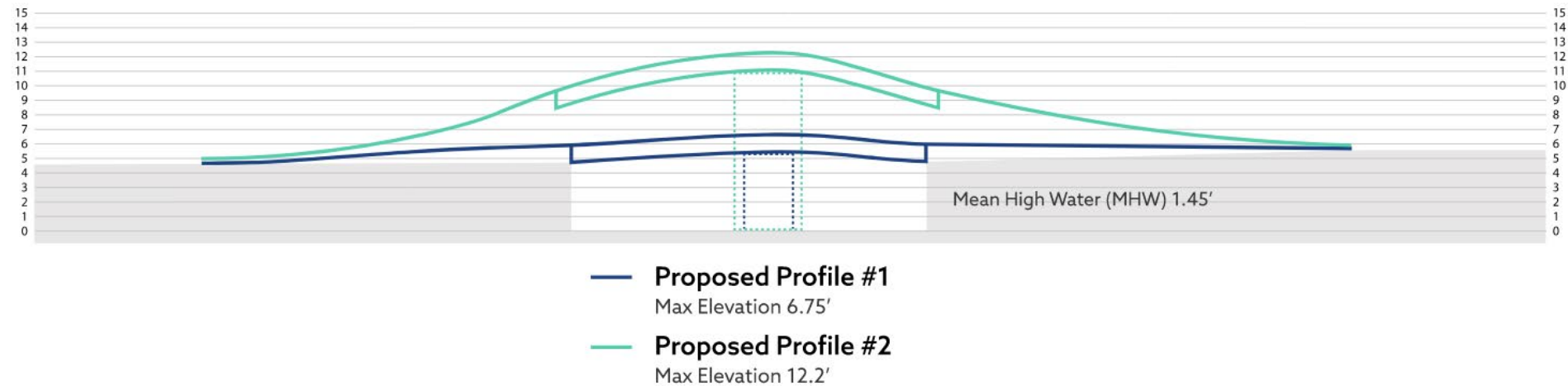
Proposed Roadway Section: East of the East Bridge



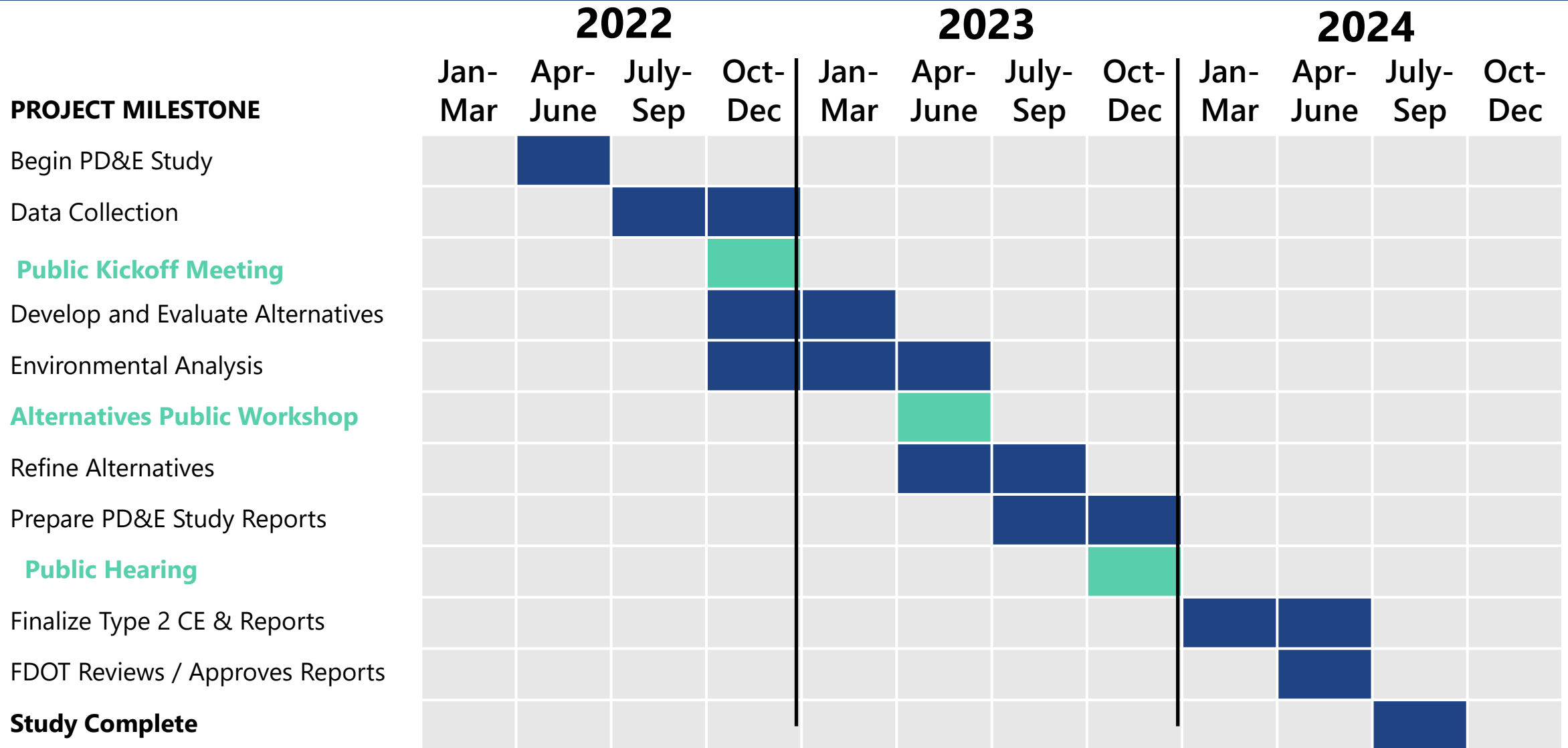
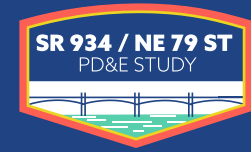
Proposed Profiles



- Proposed profile #1
 - Profile similar to the existing profile
- Proposed Profile #2
 - Profile raised to meet minimum standard
 - Requires reconstruction of driveways and construction of gravity walls

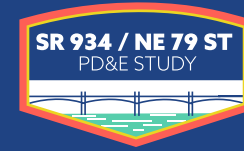


Schedule



**Schedule is Subject to Change*

Public Involvement – Stay Informed



Public Meetings

- Kick-Off Meeting
- Alternatives Public Meeting
- Project Advisory Group Meetings



Informing the Public

- Press Release
- Public Notices
- Newsletters
- Mailings



Public Hearing

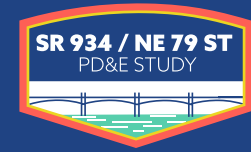
- Formal Presentation
- Comments by the Public



Website

<https://www.fdotmiamidade.com/79thstreetbridgespdestudy>

Contact Information



Hector Di Donato, P.E.

Project Manager, Consultant Management
FDOT District 6

1000 NW 111 Avenue, Room 6251
Miami, FL 33172

Phone: (305) 470-5268

Fax: (305) 470-5179

hector.didonato@dot.state.fl.us

Alicia Ana Gonzalez

President

Media Relations Group, LLC

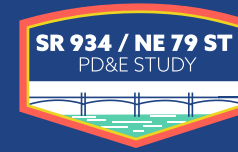
14707 South Dixie Hwy, Suite 404
Miami, FL 33176

Office: 305-254-8598

Cell: 786-280-6645

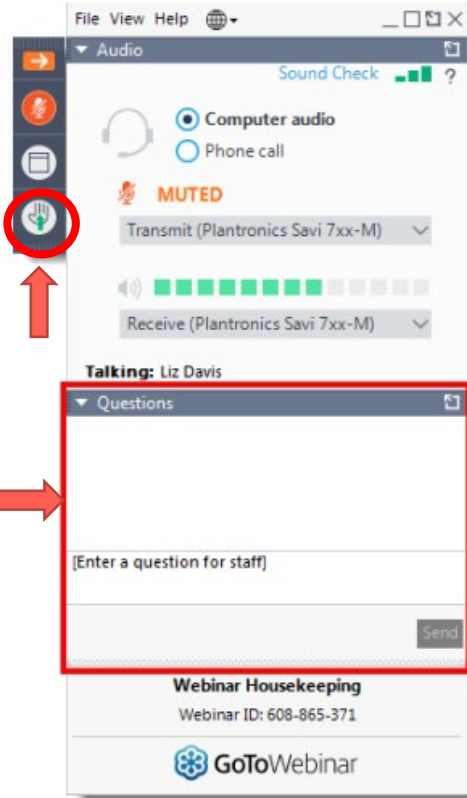
agonzalez@mrgmiami.com

Public Comments



During Meeting

- Spoken via **Raise Hand Button**
- Typed via **Question Pane**



After Meeting

1. agonzalez@mrgmiami.com



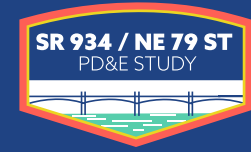
2. **Attn Hector Di Donato**
1000 NW 111 Avenue
Miami, FL 33172



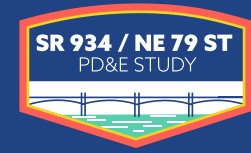
3. **Alicia Gonzalez**
(305) 254-8598



Next Steps



Alternatives Workshop
May 25, 2023
6:30 P.M.



Thank you for attending!



SR 934 / NE 79 ST
PD&E STUDY

