

Atlantic Isles Lagoon Bridge (Bridge No. 874218) Project Development and Environment (PD&E) Study

From Atlantic Isles West of SR A1A to Atlantic Avenue

Miami-Dade County, Florida

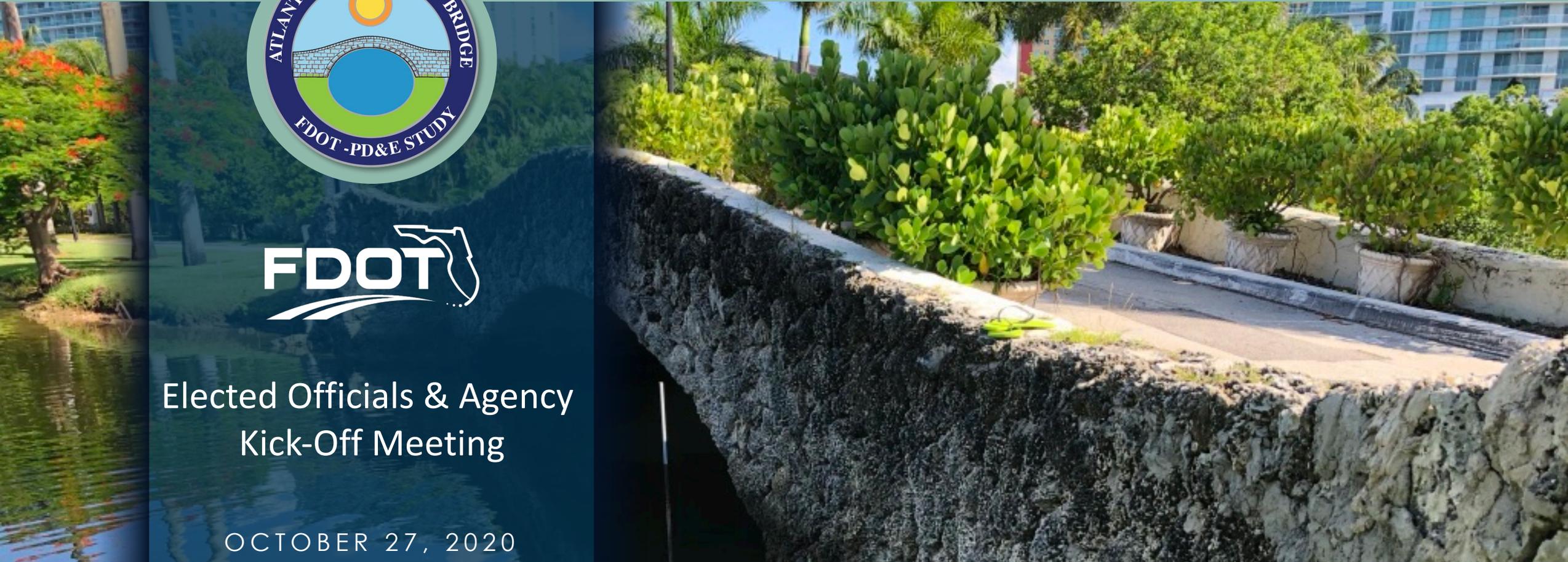


Elected Officials & Agency
Kick-Off Meeting

OCTOBER 27, 2020

FPID No. 430029-2-22-02

ETDM No. 14413



Start-up & Welcome



About the Virtual Meeting Format



- COVID-19 pandemic
- A State of Emergency is in effect (Executive Order 20-52)
- GoToWebinar online meeting platform
- No cost to the public to log-in or dial-in to the meeting

Technical Information

Public Comment

Please submit your comments by June 1, 2020

Responses to comments and questions will be provided later.

All comments and questions are part of the Public Record.

All registrants will receive a link to the meeting recording.

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File View Help

Audio

Sound Check

Computer audio
 Phone call
 No audio

Microphone Array (Realtek High Defi...
Speakers (Realtek High Definition Au...
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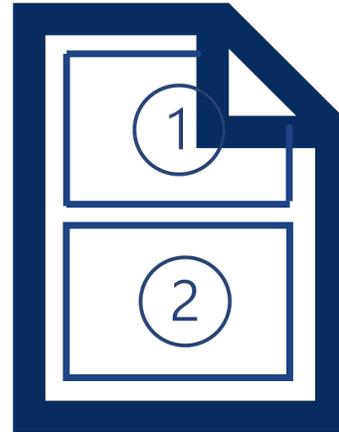
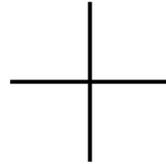
Questions

Control Panel
Webinar ID: 809-804-275
This session is being recorded.
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Technical Information for Dial-in Attendees

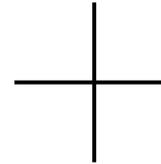


Dial-in listeners



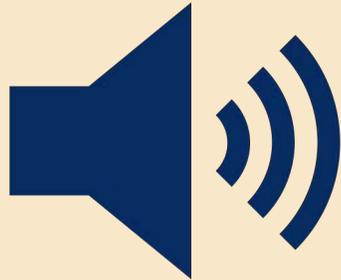
Paper copy of meeting presentation

(requested or downloaded before the meeting)



Presenter will say slide being shown

Technical Information (Listen Only mode)



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



Type your comments or questions in the control panel **Questions pane**.



Responses to comments and questions will be provided.

Technical Information (Technical Issues)



This meeting is being recorded.



Type your issue in **Questions pane** on the control panel.

Meeting Purpose and Speakers



Dat Huynh
FDOT



Nicole Carter
Stantec



Sunsera Dalton
Jacobs



Irene Varela
FDOT



Amy Strelman
Janus Research



Barbara Culhane
FDOT



Public Notice



Property owner/tenant letters



Emails to project contacts list



FDOT website



Florida Administrative Register



Newspaper



Social media





Title VI Compliance

Public participation at this Virtual Kick-off Public Meeting was 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:

Irene I. Varela-Riaz, E.I, F.C.C.M.
FDOT District 6 Title VI Coordinator
1000 NW 111 Avenue
Miami, Florida 33172
(305) 470 5342
irene.varela@dot.state.fl.us

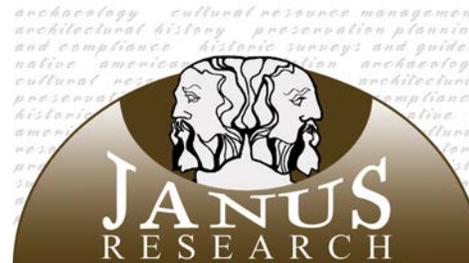
Jacqueline E. Paramore
State Title VI Coordinator
605 Suwannee Street
Tallahassee, Florida 32399-0450
(850) 414-4753
Jacqueline.Paramore@dot.state.fl.us

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





PRESENTATION TEAM



Project Manager: Irene Varela

Environmental Lead: Nicole Carter

Cultural Resources Lead: Amy Streelman

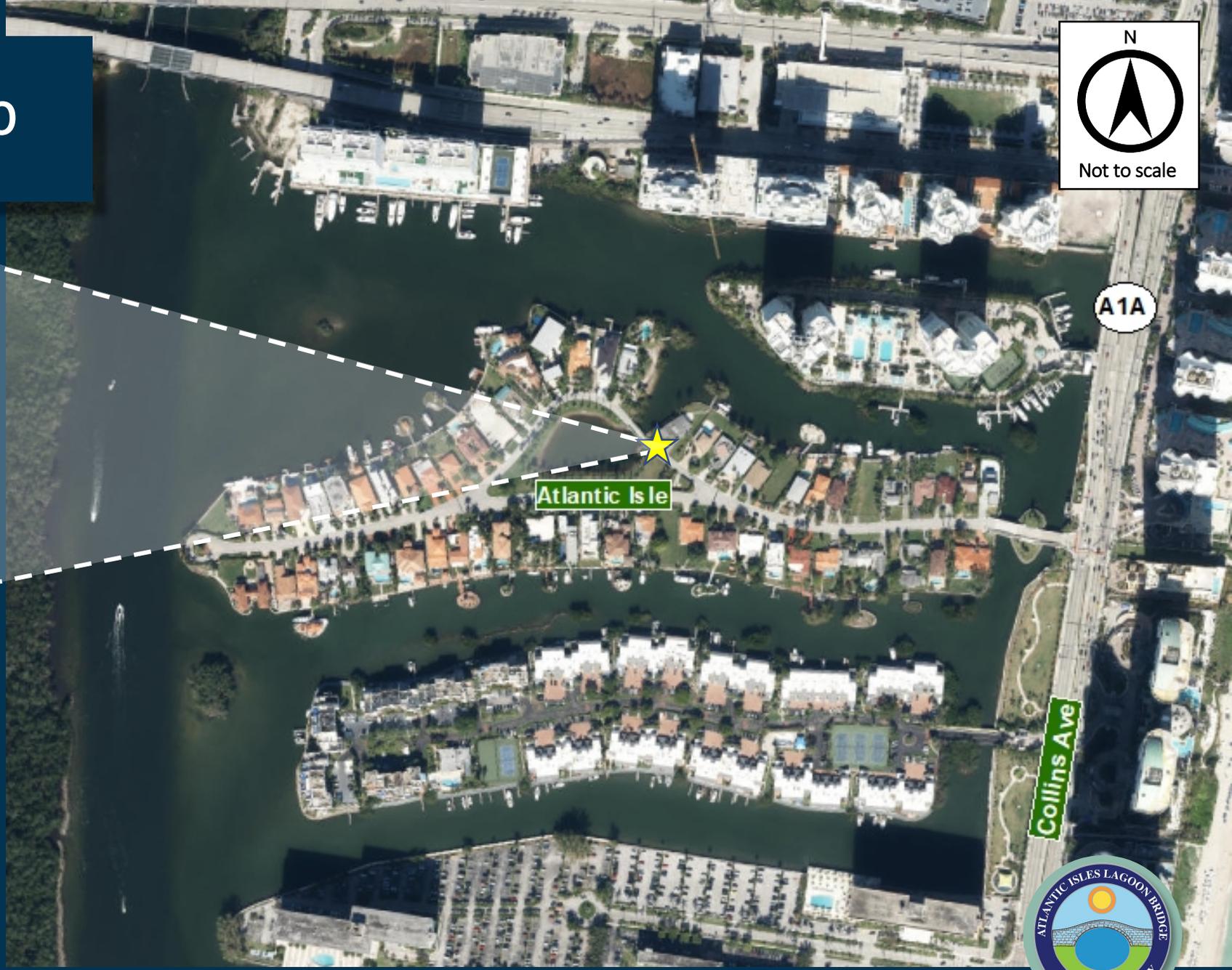
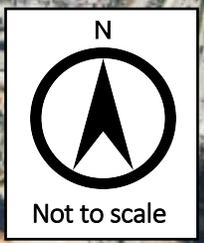


AGENDA

- ✓ **Introduction**
 - Project Location and Description
 - Project Background
- ✓ **Study Process**
- ✓ **Purpose and Need**
- ✓ **Existing Conditions**
- ✓ **Key Environmental Resources**
- ✓ **Project Schedule**
- ✓ **Public Involvement**
- ✓ **Contact Information**



Project Location Map



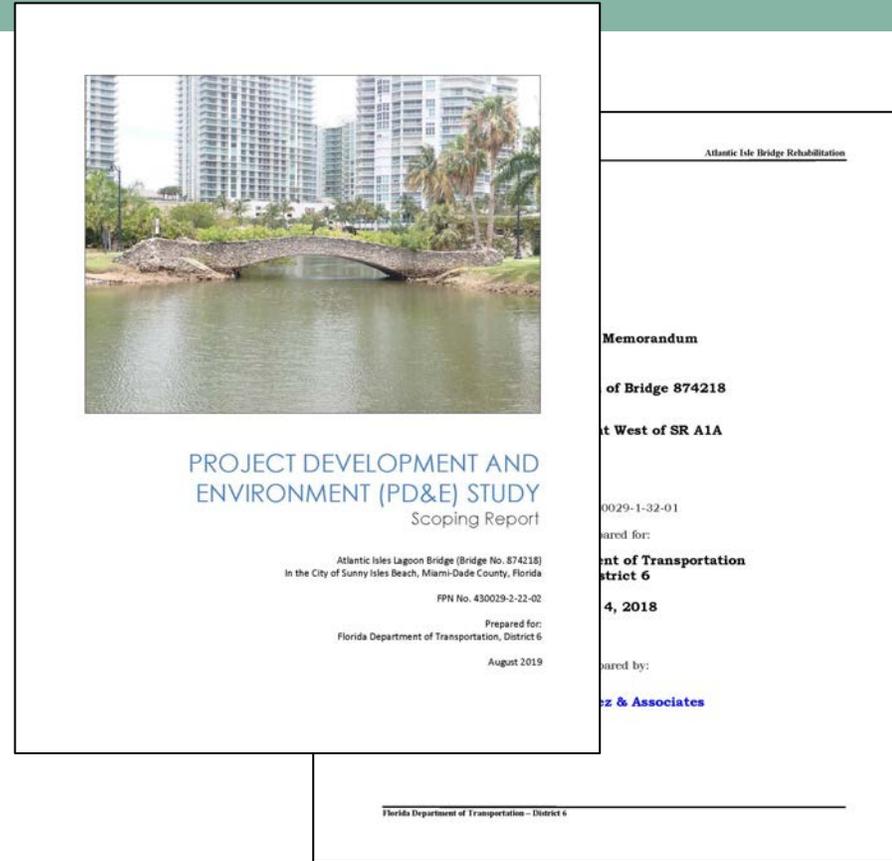
Project Study Area

- Atlantic Isles Lagoon Bridge (Bridge no. 874218) located along Atlantic Avenue in the Atlantic Island west of A1A/Collins Avenue
- One-way, low-level fixed bridge
- Bridge was determined National Register of Historic Places (NRHP)-eligible
- Atlantic Isles is two-way east and west located south of Atlantic Avenue
- Study area includes Atlantic Avenue and area west and east of intersections with Atlantic Isles

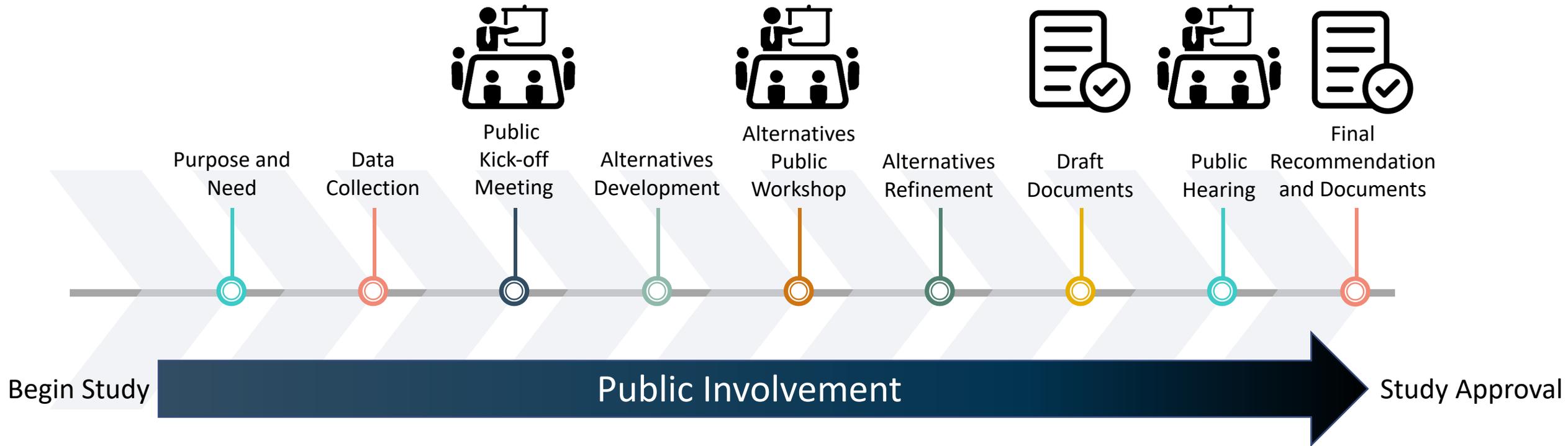


Project Background

- ✓ September 2016 – Routine Bridge Inspection
- ✓ December 2016 – Proof of Concept Report
- ✓ May 2018 – Bridge Rehab Technical Memorandum
- ✓ August 2019 – Project Development and Environment (PD&E) Study Scoping Report
- ✓ February 2020 – Efficient Transportation Decision Making Programming Screen
- ✓ Summer 2020 – PD&E Study Initiated



What is a PD&E Study?



Purpose and Need



- Rehabilitation of the bridge

- Improve safety of the bridge to be functional for the public

- Improve existing bridge deficiencies



Project Goals



**Minimize
Environmental Impacts**



**Minimize Effects
To Significant
Cultural Resources**

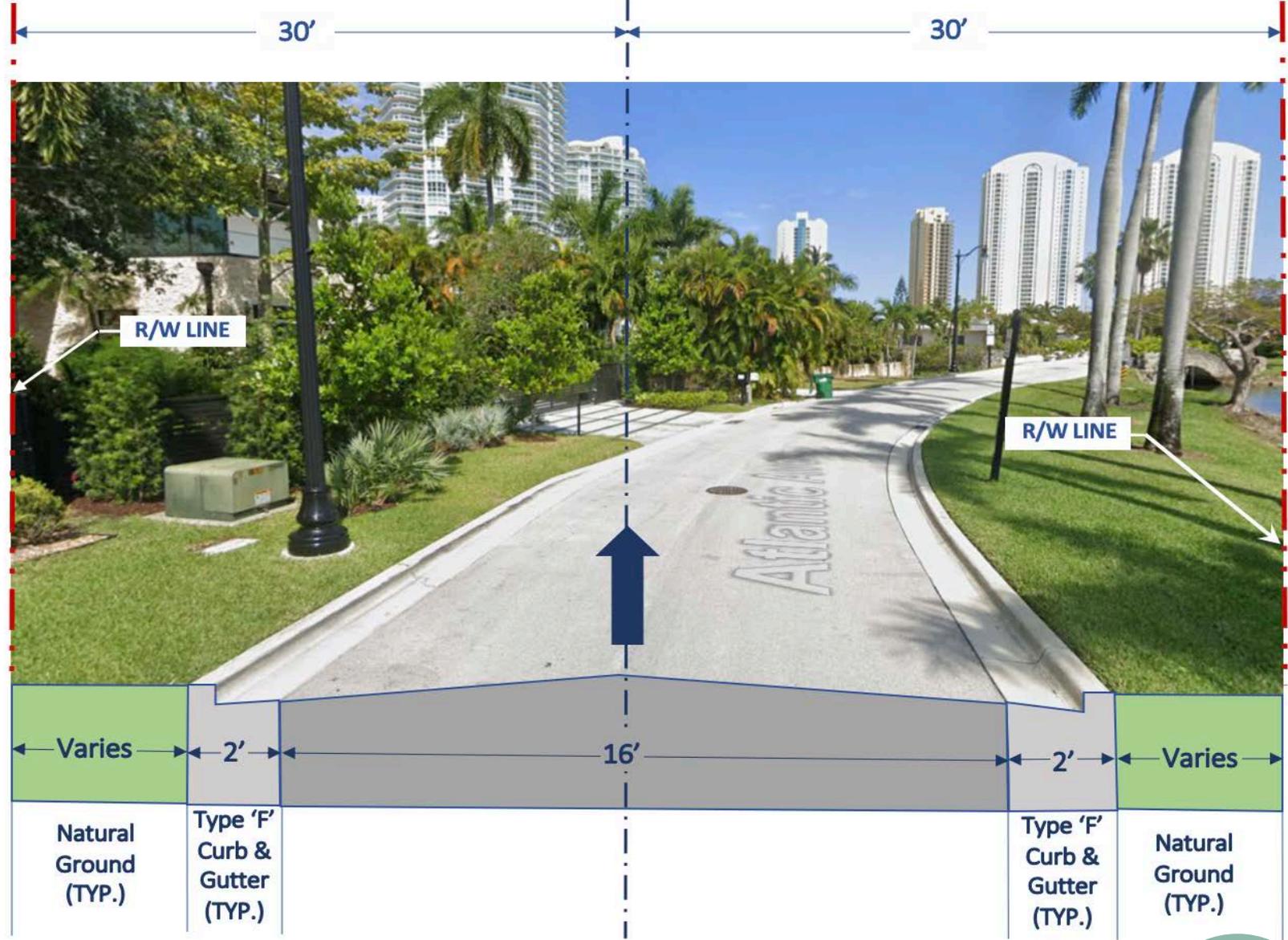


Enhance Safety



Improve Mobility

Existing Typical Section of Atlantic Avenue



Existing Typical Section for Bridge Bridge No. 874218



1'-8" Barrier Wall with Oolitic Limestone Surfacing

Limerock Fill Varies From 8.5"-1'-1"

1'-8" Barrier Wall with Oolitic Limestone Surfacing



Existing Conditions



- Constructed in 1925
- Single span reinforced concrete arch of varying thickness
- Bridge Health Index = 60.48 out of 100
- Functionally Obsolete with structural deficiencies (sufficiency rating of 40.9) and posted weight restrictions





Alternatives to be Considered

- No-Action
- Bridge Rehabilitation
- Bridge Replacement
- Maintain Historic Bridge as Pedestrian Bridge



Natural Environment

- Natural Resources
 - Biscayne Bay Aquatic Preserve
 - Outstanding Florida Waters
 - Essential Fish Habitat
 - Federally listed species
 - Johnson’s Seagrass Critical Habitat
 - Manatee
 - Smalltooth Sawfish
 - Florida bonneted bat
 - American Crocodile
 - Sea turtles
 - Corals



Right-of-Way Considerations



- Right-of-Way impacts expected to be minimal and further evaluated during PD&E Study
- No relocations or impacts to residential buildings anticipated

Physical Environment

- Minimal potential for contamination involvement
- No impacts to noise and air



Environmental Analysis

- Agency Coordination
 - Early and consistent coordination throughout PD&E and Design Phases
 - Interagency meetings
 - Consulting Agencies
 - USFWS, FFWC, NMFS, and SFWMD
 - Cooperating Agencies



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Cultural Resources

What is Section 106 of the National Historic Preservation Act (NHPA)?

Section 106 Evaluation of Adverse Effects:

- Avoidance
- Minimization
- Mitigation

Area of Potential Effect (APE)

- Defined based on the improvements proposed as part of alternatives being considered
- Cultural Resources Assessment Survey (CRAS) will document resources within APE.
- FMSF forms will be prepared as part of this effort and each resource will be evaluated according to the National Register of Historic Places Criteria



Cultural Resources

- Bridge was determined NRHP-eligible
- Concrete arch deck
- Early example of an arch deck bridge
- Historic features included Oolitic limestone towers
- Maintains historic aesthetic features and much of original fabric
- Aesthetic value in the rare shallow arch and limestone facing



Cultural Resources – Lake of the Isles



- Historic lake and immediately surrounding landscape are potential cultural resources
- Connection with the overall design of the island and the bridge
- Documentation and evaluation is ongoing

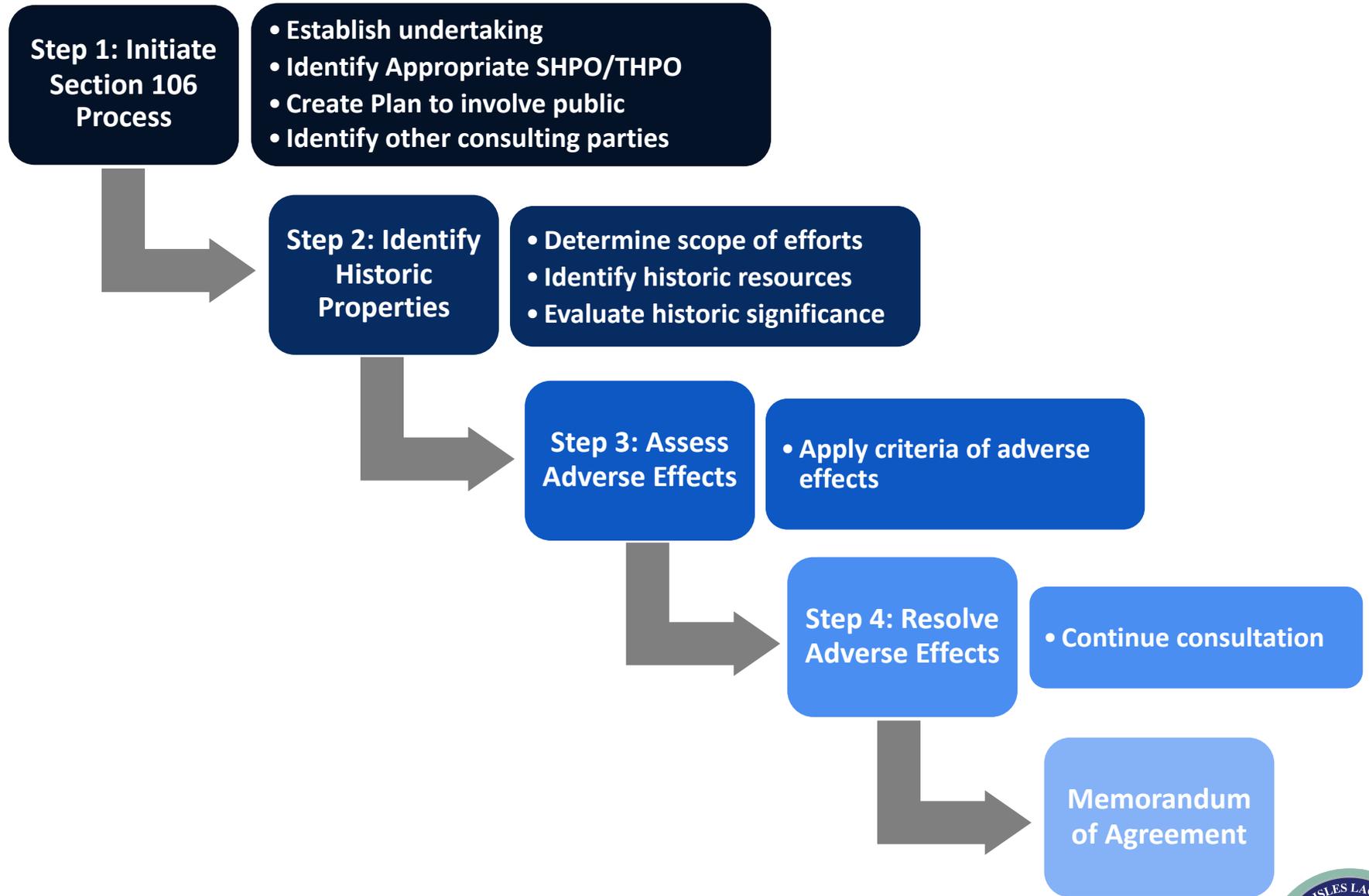


Cultural Resources

1928 Plat of Atlantic Island-
showing bridge and lake



Section 106 Process

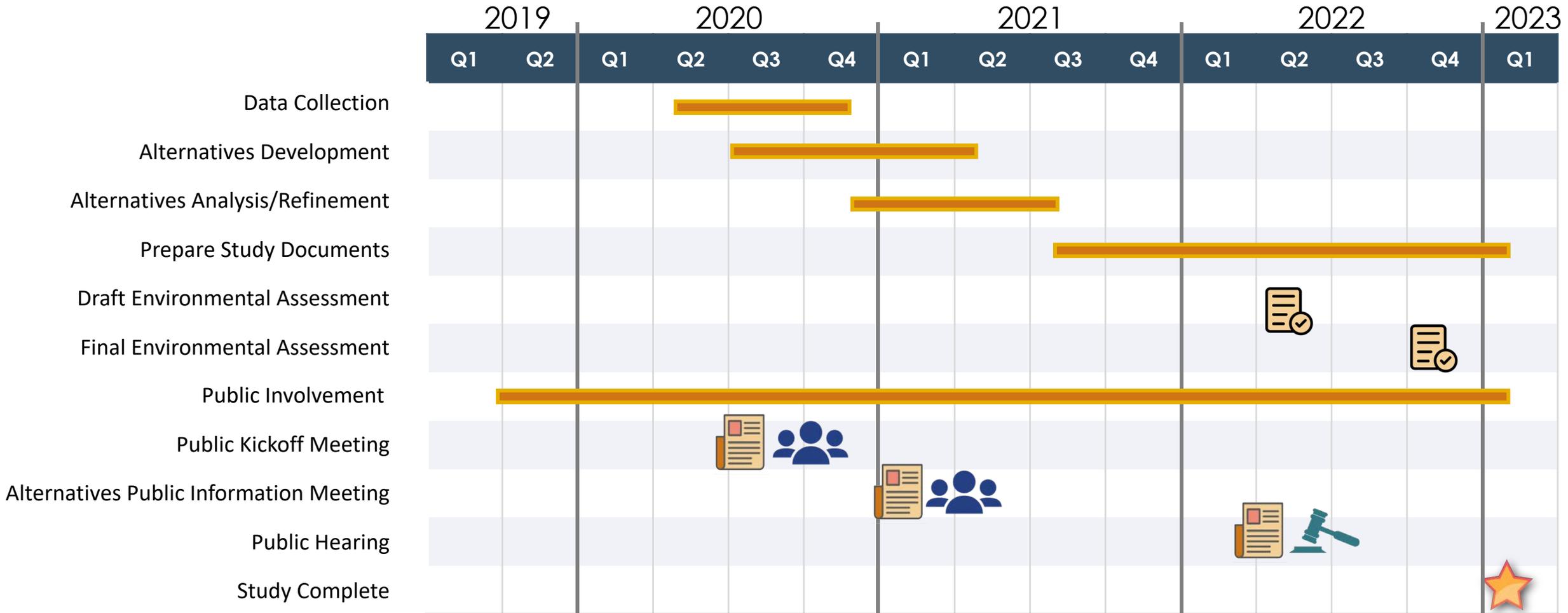


Cultural Resources

- Establish Area of Potential Effect (APE) - in progress
- Conduct Cultural Resource Assessment Survey (CRAS) - in progress
- Evaluate Determination of Effects
- Consultation with Agencies and Local Parties
- Memorandum of Agreement - if significant resources are adversely affected
- If there is a determination of adverse effect to significant resources, Section 4(f) of the Department Transportation Act will apply. A Programmatic or Individual Statement Documentation will be prepared to document there is no prudent or feasible alternative to the proposed improvements will be prepared.



Schedule



Public Involvement

State

- Florida Department of Environmental Protection
- State Historic Preservation Officer
- Florida Fish and Wildlife Conservation Commission

Federal

- Army Corps of Engineers
- U.S. Fish and Wildlife Service
- National Marine Fisheries Service

Regional/Local

- City of Sunny Isles Beach
- Miami-Dade County
- South Florida Water Management District



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DIVISION OF
Historical Resources



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Public Involvement - Stay Informed



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Informing the public

Press Releases
Public Notices
Newsletters
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Public Hearings

Formal Presentation
Comments by the public



Website

<http://www.fdotmiamidade.com/atlanticislesbridge>





Contact Information

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Community Outreach Specialist

Infinite Source Communications Group

Phone: (305) 573-0089

Email: monica@iscprgroup.com



Public Comment (Question pane & raise hand)

During Meeting



Typed via
Questions
pane



Spoken
via **Raise**
Hand
button

After Meeting

1. monica@iscprgroup.com 

2. Att. Irene Varela
1000 NW 111 Avenue
Miami, FL 33172 

3. (305) 573-0089 

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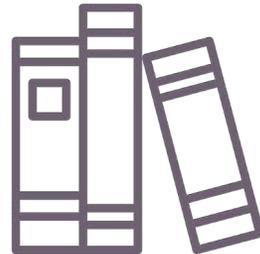


Public Comment (continued)

Please submit your comments by November 3, 2020



Responses to comments and questions will be provided later.



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All registrants will receive a link to the **meeting recording**.



Public Comments



Conclusion

Thank you! Please complete our **exit survey!**

15 more minutes



Type comments or questions in the **Questions pane** on the control panel.

After meeting

1. monica@iscprgroup.com



2. Att. Irene Varela
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Miami, FL 33172



3. (305) 573-0089



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Thank You for attending!



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