

Welcome

Virtual Public Kickoff Meeting

SR-A1A over Sebastian Inlet

Bridge 880005
Bridge Replacement
Project Development and
Environment (PD&E) Study

FM No. 445618-1-22-02 ETDM: 14433

May 11, 2021

<https://www.fdot.gov/projects/SebastianInletBridge>



Elected Officials in Attendance

- Ed Barenborg, Legislative Aide to Erin Grall, Florida House of Representatives
- Rey Neville, Vice Mayor, City of Vero Beach
- Yvonne Minus, District 3 Council Member, Melbourne City Council
- Dave Berkman, Mayor, Town of Indialantic

About the Virtual Meeting Format

This Public Kickoff Meeting is being conducted in a virtual format.



Online

Attendees will remain **muted** throughout the meeting except for the public comment period at the end of the presentation.



Phone

Dial-in Attendees are in “**listen only**” mode.
 If you are calling via a smart phone, you will be able to raise your hand to provide comments at the end of the presentation.

GoToWebinar Control Panel for Online Attendees

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May 11, 2021 <https://www.fdot.gov/projects/SebastianInletBridge>

Audio
Sound Check ?

- Computer audio
- Phone call
- No audio

Microphone Array (Realtek High Defi...
Speakers (Realtek High Definition Au...
Talking: **Rusty Ennemoser**

Questions

[Enter a question for staff]

Send

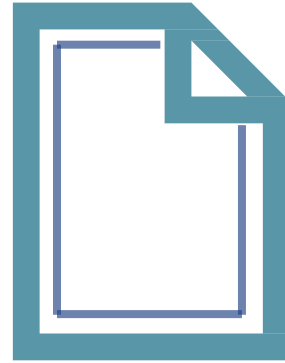
Control Panel
Webinar ID: 809-804-275

This session is being recorded.

Technical Information for Dial-in by Phone Attendees



Dial-in attendees are **'listen only'**



Paper copy of meeting presentation



Presenter will say slide number being shown

To Report a Technical Issue...



Type your
technical issue
in the
control panel
Question pane



Send an email
rose.soto@stantec.com



Call
(407) 587-7557

Comments & Questions

During the meeting



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

Written questions/comments will be addressed first followed by an opportunity for attendees to make a verbal comment.

After the meeting

Binod.Basnet@dot.state.fl.us



Binod Basnet, PE
 Florida Department of Transportation
 District Four
 3400 W Commercial Blvd
 Ft. Lauderdale, FL 33309



(954) 777-4146 or
 Toll free at (866) 336-8435, ext 4146



www.fdot.gov/projects/SebastianInletBridge

Public Comments

Please submit your comments by **May 21, 2021**



Responses to comments and questions will be provided



All comments and questions are part of the **Public Record**



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

Title VI Compliance

The Florida Department of Transportation is required to comply with various nondiscrimination 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 their concerns relative to FDOT compliance with Title VI may do so by contacting either:

Sharon SinghHagyan

FDOT District 4 Title VI Coordinator

3400 West Commercial Boulevard

Fort Lauderdale, FL 33309

(954) 777- 4190

Toll Free: (866) 336-8435, ext. 4190

Sharon.SinghHagyan@dot.state.fl.us

Jacqueline E. Paramore

State Title VI Coordinator

605 Suwannee Street

Tallahassee, Florida 32399-0450

(850) 414-4753

Toll Free: (866) 374-3368, ext. 4753

Jacqueline.Paramore@dot.state.fl.us

Federal-State Partnership

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by FDOT pursuant to 23 U.S.C. §327 and a Memorandum of Understanding dated December 14, 2016, and executed by FHWA and FDOT.

WORK ZONE SAFETY

It's Everyone's Job

21% of fatal work zone crashes involved rear-end collisions.



LEAVE EXTRA SPACE
BETWEEN VEHICLES

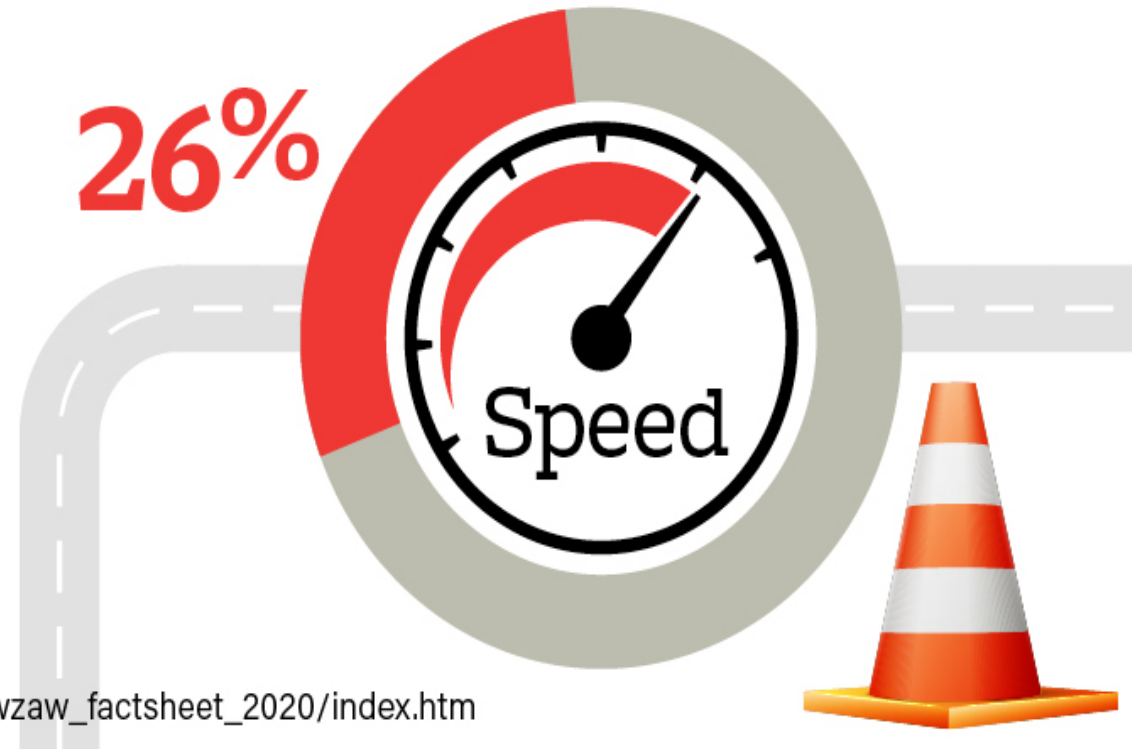
† 2018 NHTSA Data - ops.fhwa.dot.gov/wz/outreach/nwzaw_factsheet_2020/index.htm

WORK ZONE SAFETY

It's Everyone's Job

Speed is a contributing factor in almost 26% of fatal work zone crashes.

SLOW DOWN
 IN WORK ZONES

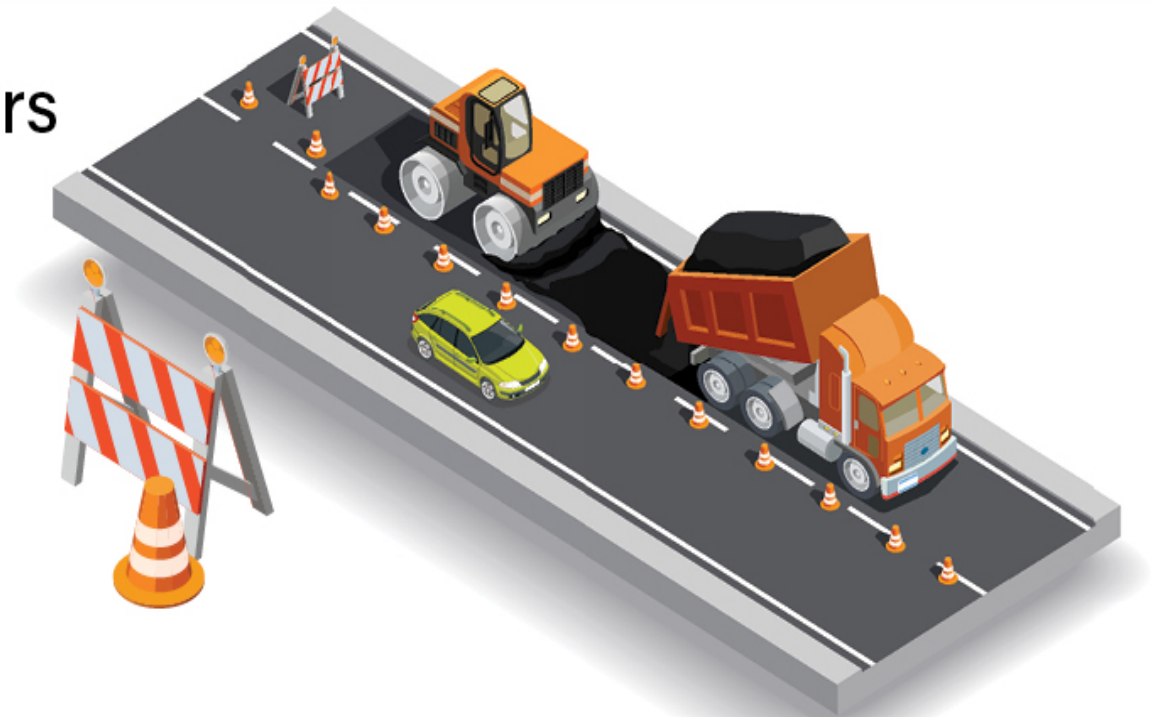


†2018 NHTSA Data - ops.fhwa.dot.gov/wz/outreach/nwzaw_factsheet_2020/index.htm

WORK ZONE SAFETY

It's Everyone's Job

BE AWARE of workers while driving through an active work zone.



WORK ZONE SAFETY

It's Everyone's Job



TIPS FOR ROAD USERS

- **WATCH** for vehicles entering and leaving the roadway.
- **BE AWARE** of workers while driving through an active work zone.
- **SLOW DOWN**, follow the posted speed limit.
- **SAVE LIVES**, avoid distractions and always drive sober.



Meeting Agenda

- Project Location
- FDOT Transportation Delivery Process
- FDOT Project Development and Environment (PD&E) Process
- About the Project
- Project Purpose and Need
- Environmental Analysis
- Engineering Analysis
- Alternatives to be Considered
- Agency Coordination
- Public Involvement
- Schedule
- Closing

Project Location



Sebastian Inlet Bridge

Indian River County and Brevard County, Florida Boundary

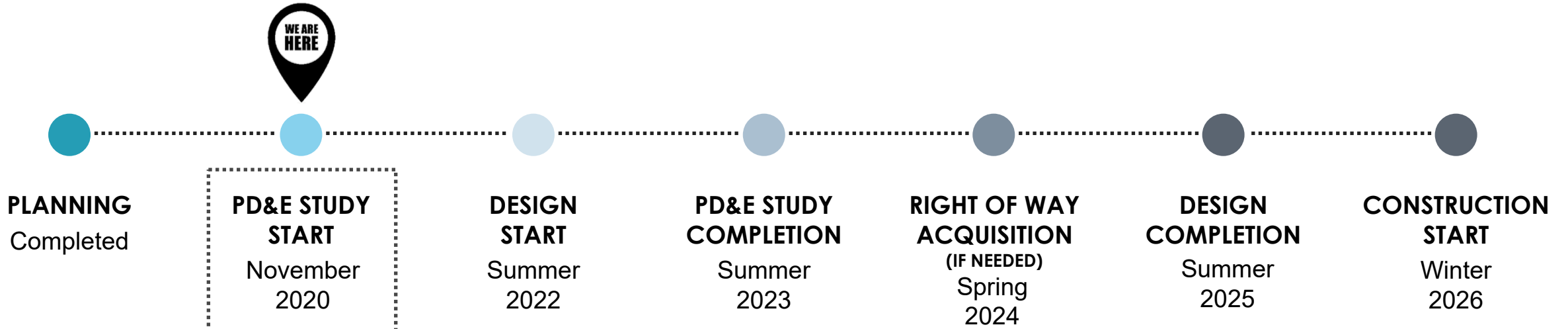
SR A1A

- Two-lane Roadway
- Posted Speed Limit: 45 mph
- Shared use path on the west side north and south of the bridge
- Part the Indian River Lagoon National Scenic Byway

James H Pruitt Memorial Bridge

- Two-lane Bridge
- No shoulders
- No bicycle/pedestrian facilities

FDOT Transportation Delivery Process



→ **The PD&E Process is followed by FDOT**

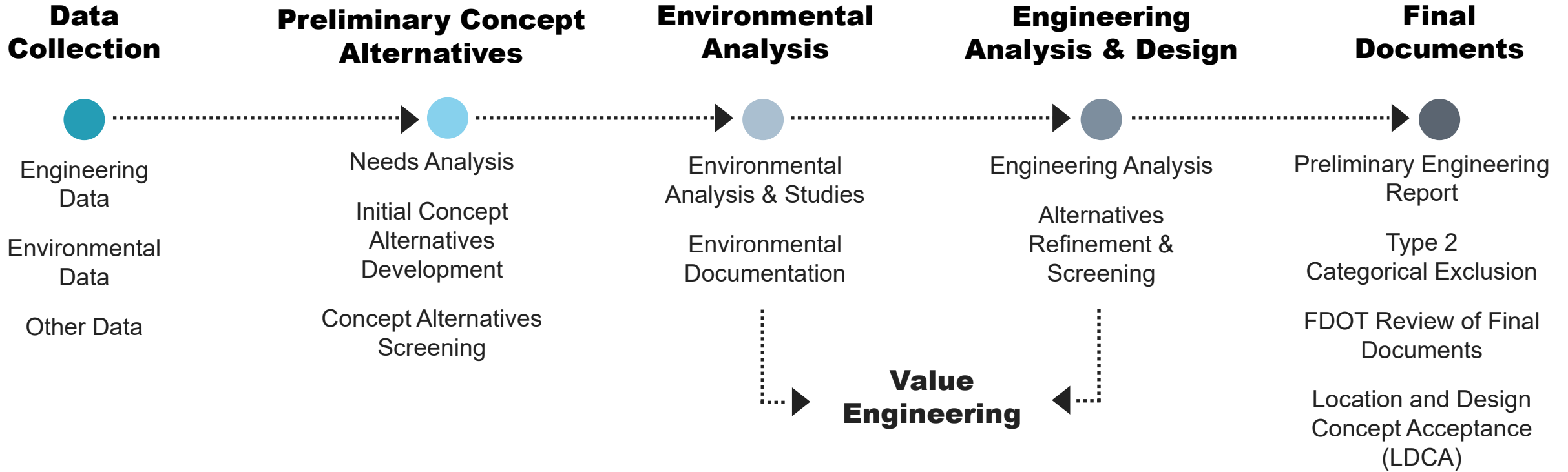
To evaluate:

- Engineering Alternatives
- Environmental Impacts
- Social, Cultural, Natural, and Physical impacts

To comply with:

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

PD&E Study Process



Continuous Public Involvement

Project Background

James H. Pruitt Memorial Bridge

- Constructed 1964
- Repaired or retrofitted – 1978 and 2003
 - Vertical clearance: 39 ft
 - Horizontal clearance: 150 ft
 - Bridge width: 34 ft – 3 in
- As of November 2018, the bridge is rated structurally deficient with a Bridge Health Index of 79.8
 - Both ratings indicate the need for repair or replacement
- Observation/fishing piers under bridge deck on the north and south sides of the bridge
- Eligible for the National Register of Historic Places





Purpose

- Address bridge structural and functional deficiencies
- Address the gap in system linkage for bicyclists and pedestrians
- Evaluate Bridge Alternatives

Need

- The bridge is rated structurally deficient.
 - The structural deficiency rating is based on the condition of the bridge deck, superstructure, substructure, and culvert.
- The bridge health index is a measure of overall bridge condition. The low health index for this bridge indicates:
 - Bridge repairs are needed, or replacement may be more economical
- Supports the Indian River County Bicycle and Pedestrian Plan for SR A1A at this location
- Bicycle and pedestrian counts support closing the gap in system linkage

2019 Bicycle/Pedestrian Data Counts

Dec 12 – Dec 15 6:00 AM to 6:00 PM



231 Bicyclists



5 Pedestrians

Environmental Analysis



Socio-Cultural

- Mobility
- Aesthetics
- Community & Recreational Resources
- Economic – marine industry
- Historic and Archaeological Sites
- Section 4(f) Resources



Natural

- Wetlands and Water, Water Quality
- Floodplains and Coastal
- Aquatic Preserve
- Wildlife and Habitat
- Essential Fish Habitat
- Outstanding Florida Water
- Indian River Lagoon National Estuary



Physical

- Traffic Noise
- Air Quality
- Contamination
- Infrastructure

Environmental Analysis

Efficient Transportation Decision Making (ETDM) #14433

- Effective/timely decision making without compromising environmental quality
- Enables agencies and public to provide early input about the potential effects of proposed transportation projects
- Anticipated Class of Action – Type 2 Categorical Exclusion
- For more ETDM information regarding this project please visit: <https://etdmpub.fl-a-etat.org>

0	None (after 12/5/2005)
1	Enhanced
2	Minimal
3	Moderate
4	Substantial
5	Dispute Resolution (Programming Screen)

Programming Screen 14433 - Published on 06/03/2020

Alternative #1
 From: North Indian River Drive To: Main Street
 Re-Published: 06/03/2020 Reviewed from 12/12/2019 to 01/26/2020)

Social and Economic						Cultural			Natural					Physical					
Land Use Changes	Social	Relocation Potential	Farmlands Aesthetic	Effects Economic	Mobility	Section 4(f) Potential	Historic and Archaeological Sites	Recreation Areas	Wetlands and Surface Waters	Water Quality and Quantity	Floodplains	Wildlife and Habitat	Coastal and Marine	Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations
1	2	2	0	2	2	1	3	4	3	3	3	3	3	2	2	2	2	3	3

Engineering Analysis



Bridge

- Navigation Clearances – Vertical and Horizontal
- Bridge Horizontal Alignment
- Bridge Type and Superstructure
- Bridge Aesthetics/Features
- Bridge Bicycle and Pedestrian Facilities



Roadway

- Safety
- Right of Way
- Roadway Geometry
- Sebastian Inlet Park Entrance Geometry
- Roadway Shared Use Path and Bicycle Facilities
- Temporary Traffic Control



Other Project Areas

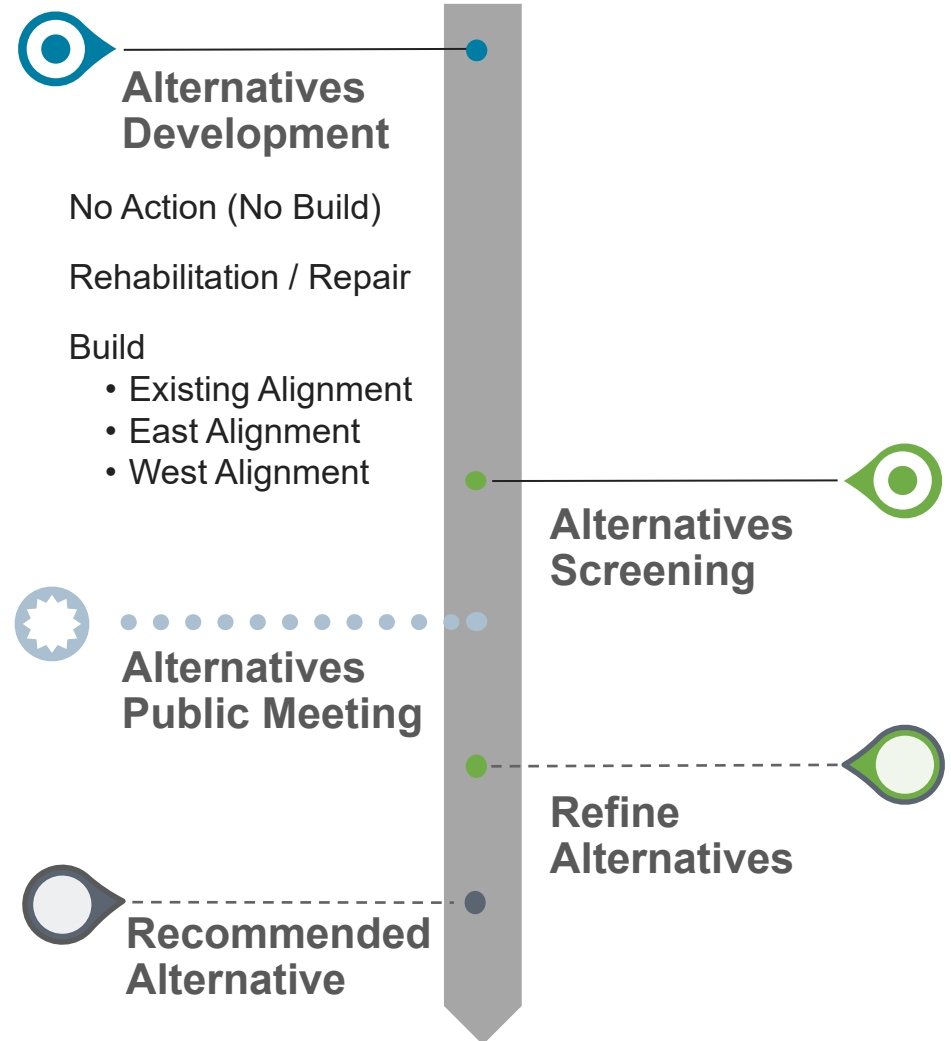
- Utilities
- Drainage
- Coastal
- Geotechnical
- Constructability
- Miscellaneous Structures

Alternatives to be Considered

Alternatives Development and Evaluation

- Understand project goals and objectives
- Understand project constraints
- Identify Evaluation Criteria
- Develop Alternatives
- Develop Evaluation Matrix
- Screen Alternatives against project criteria
- Hold Alternatives Public Meeting
- Refine Alternatives
- Recommended Alternative

Alternatives Evaluation Process



Agency Coordination

Federal and State

- US Coast Guard
- US Army Corps of Engineers
- NOAA National Marine Fisheries Service
- Florida Department of State Parks – Sebastian Inlet State Park
- Florida Department of Environmental Protection
- State Historic Preservation Office
- St. Johns River Water Management District

Local Agencies

- Sebastian Inlet District
- Indian River County and Metropolitan Planning Organization
- Brevard County
- Space Coast Transportation Planning Organization
- Indian River Lagoon Council
- Indian River Scenic Byway Coalition



Schedule

PROJECT MILESTONE

Begin PD&E Study

Data Collection

Public Kickoff Meeting

Develop and Evaluate Alternatives

Environmental Evaluations

Alternatives Public Workshop Meeting

Refine Preferred Alternative

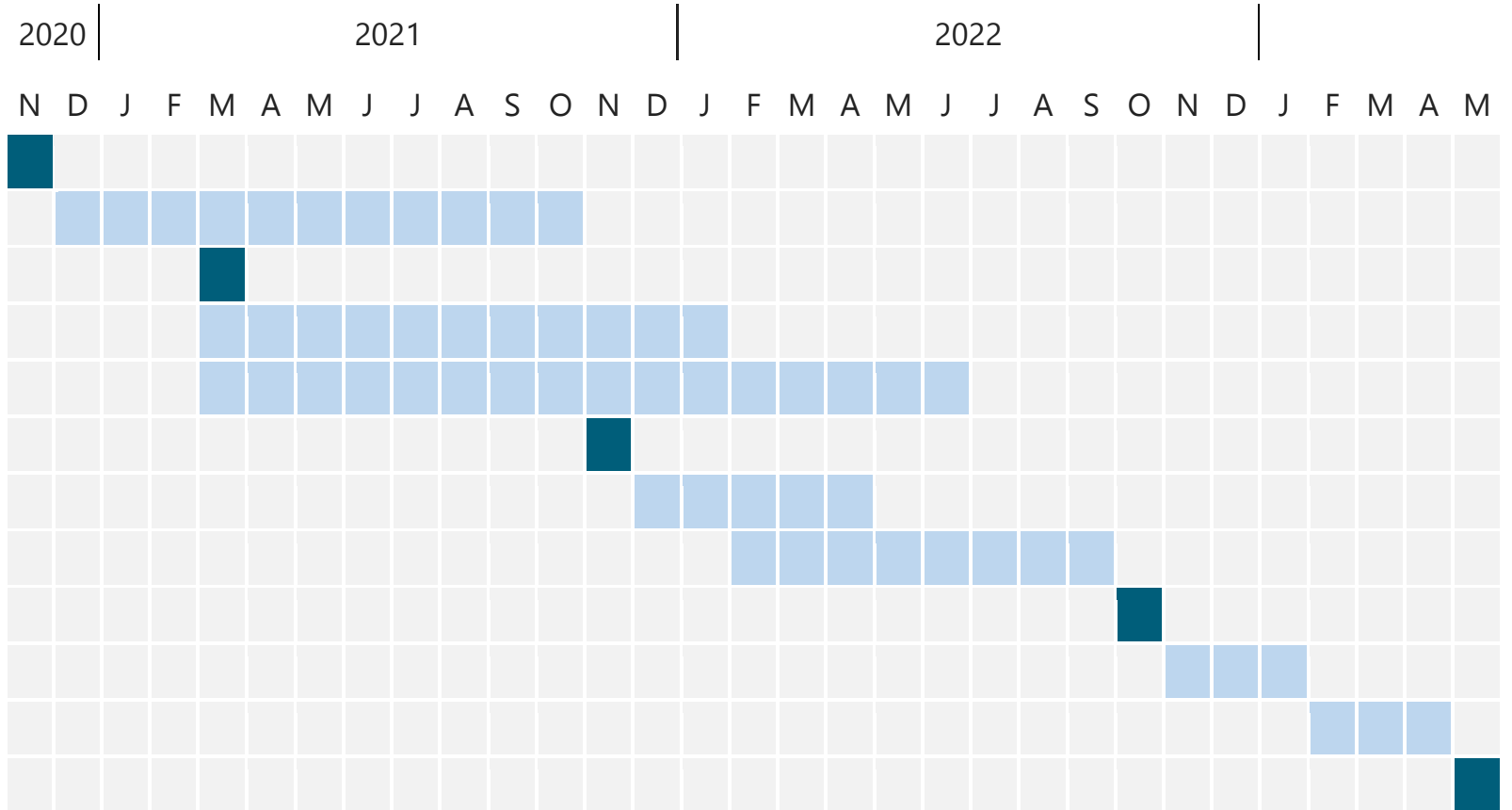
Prepare Engineering & Environmental Documents

Public Hearing

Finalize Type 2 CE and Technical Reports

OEM Reviews /Approves Final Documents

Location and Design Concept Acceptance (LDCA)



Schedule is Subject to Change

..... **Continuous Public Involvement**

STAY INFORMED

Social Media



Facebook: [MyFDOTSEFL](#)

Instagram: [myfdot_sefl](#)

Twitter: [@MyFDOT_SEFL](#)

In addition to the Public Kickoff Meeting this evening, opportunities for public involvement include:

- Alternatives Public Workshop Meeting
- Public Hearing
- Additional opportunities provided throughout the PD&E Study

Public Comment Period

Submitting Comments or Questions



Online Attendees

1. Type in **Question pane** on the **Control Panel**
2. During the verbal comment period :
 - Click the **Raise Hand** button on the **Control Panel**
 - Unmute your microphone when your name is called

*On upper left of
GoToWebinar
Control Panel*



Dial-in Attendees


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Public Comment Period



After the meeting

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Thank You for Attending!

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Please complete our **exit survey**

The exit survey will appear upon leaving GoToWebinar.

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