Palm Beach Transportation Planning Agency

Project Development and Environment (PD&E) Study for SR 9/I-95 from South of Linton Boulevard/CR 782 to North of SR 704/Okeechobee Boulevard

Southern PD&E Study: Financial Project ID: 444202-1-22-02 I ETDM: 14508
Northern PD&E Study: Financial Project ID: 444202-2-22-02 I ETDM: 14509

CAC and TAC Presentations

December 06, 2023

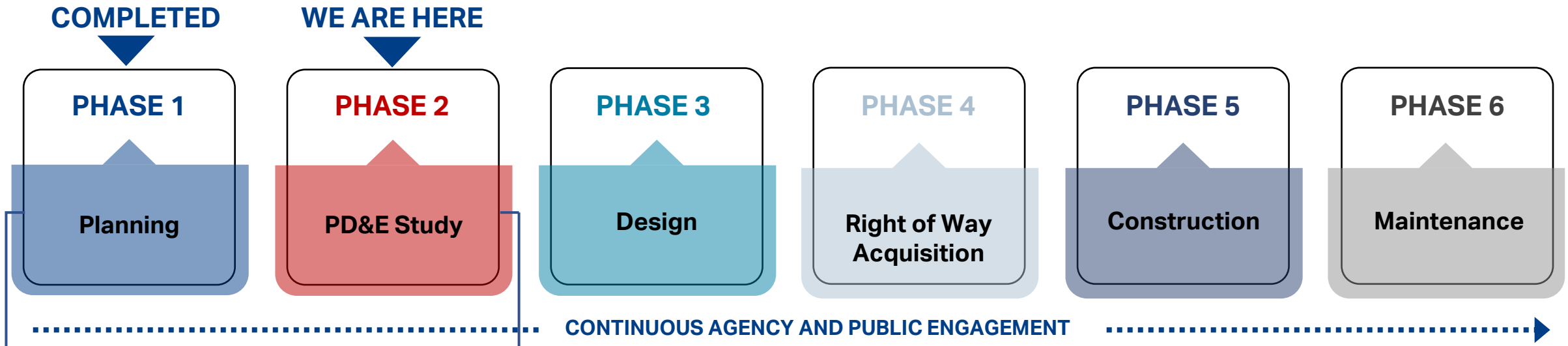
VZAC Presentation

December 07, 2023

TPA Board Presentation

December 14, 2023

FDOT Transportation Project Delivery Process



I-95 Managed Lanes Master Plan

- ❑ Completed in March 2019

Evaluate:

- ❑ Engineering Alternatives
- ❑ Environmental Impacts (Social, Cultural, Natural, and Physical Resources)

Comply with:

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

What are Managed Lanes

- MLs are an innovative solution to congestion management
- Limited access to specific vehicle classes by a toll or vehicle volume
- MLs are an alternative to increase capacity
- The Department will prioritize this approach to deploy a transportation system that is:
  - Safe
  - Community centric
  - Accessible

Provide travel choices

Offer predictable travel times

Manage time congestion

Reduce fuel consumption

Decrease air pollution

Support transit usage

SR 9/I-95 PD&E Study
Palm Beach County

I-95 Managed Lanes Master Plan

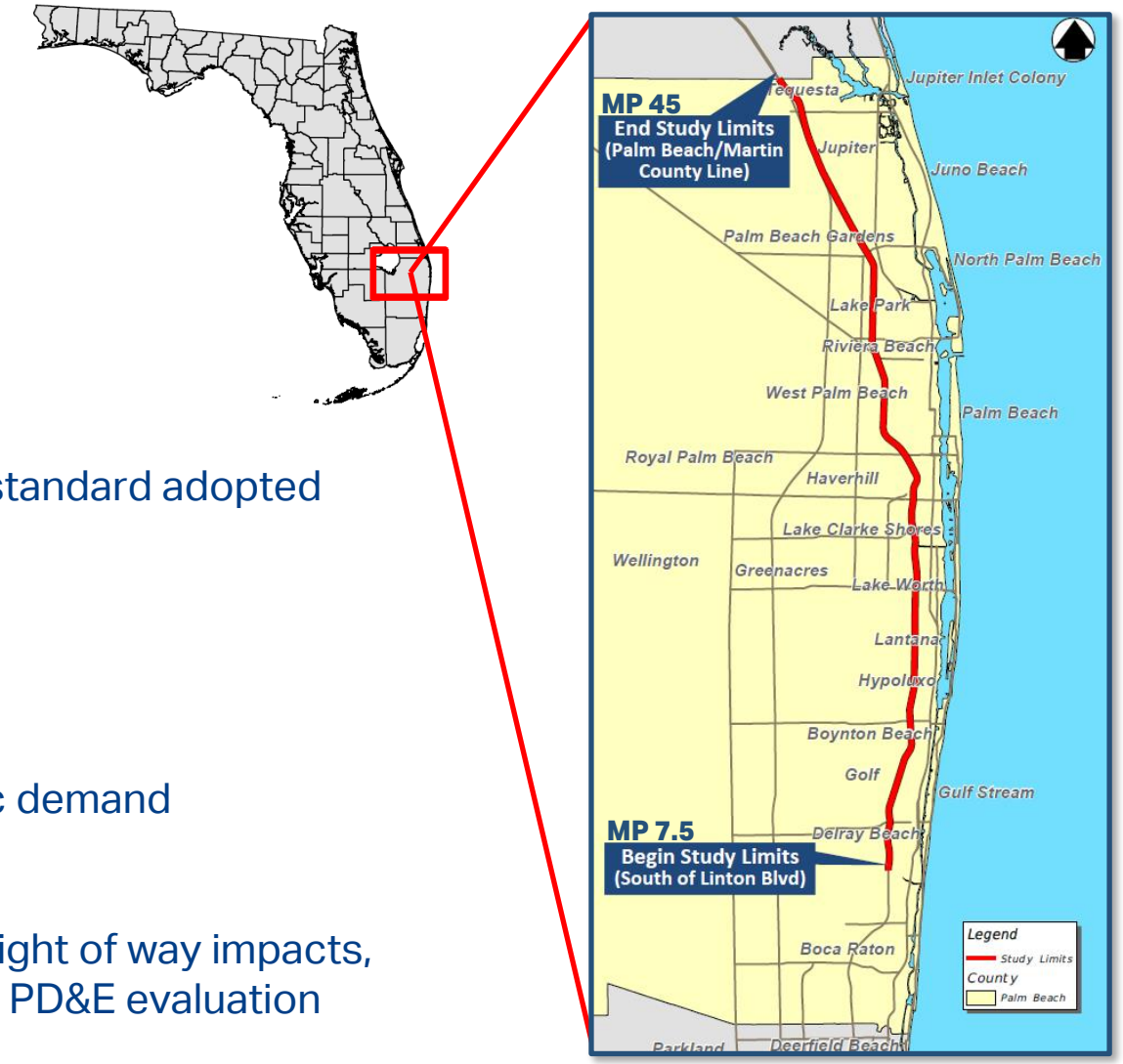
SOUTH OF LINTON BOULEVARD/CR 782 TO MARTIN COUNTY LINE

❑ Purpose

- Identify long-term capacity needs along the I-95 mainline
- Develop managed lanes design concepts
- Address segments operating below Level of Service (LOS) standard adopted as part of the Strategic Intermodal System (SIS)

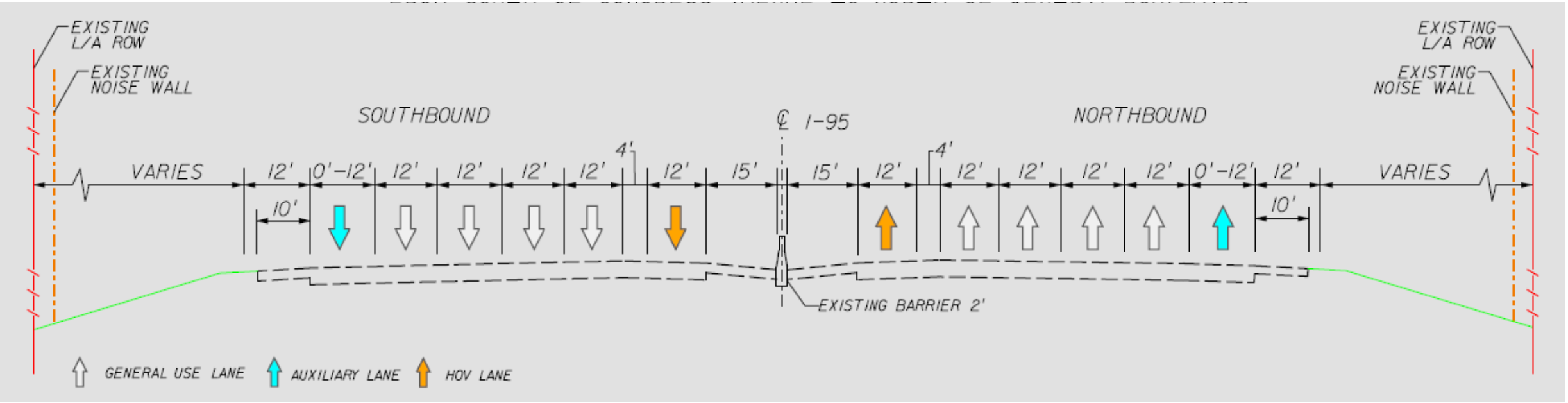
❑ Study Objectives

- Identify and document traffic operational deficiencies
- Develop an ultimate capacity improvement plan using traffic demand management and transit techniques
- Compare design constraints, benefits, construction costs, right of way impacts, interagency coordination, and recommendations for further PD&E evaluation



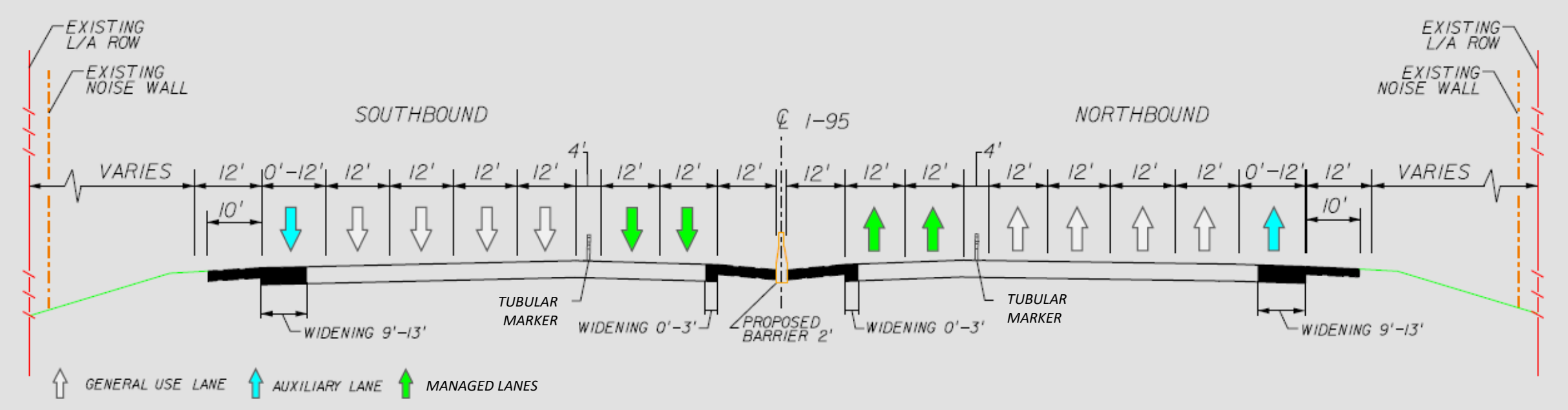
Existing Typical Section

- 8 General Use Lanes, 12-foot-wide
- 2 High Occupancy Vehicle (HOV) Lanes, 12-foot-wide
- 4-foot-wide separation
- 65 mph posted speed limit
- SFRC/CSX Railway parallel to I-95 along west side
- 15-foot-wide inside shoulder



Proposed Master Plan Typical Section

- 8 General Use Lanes, 12-foot-wide
- 4 Managed Lanes, 12-foot-wide
- 4-foot-wide separation
- 65 mph posted speed limit
- SFRC/CSX Railway parallel to I-95 along west side
- 12-foot-wide inside shoulder



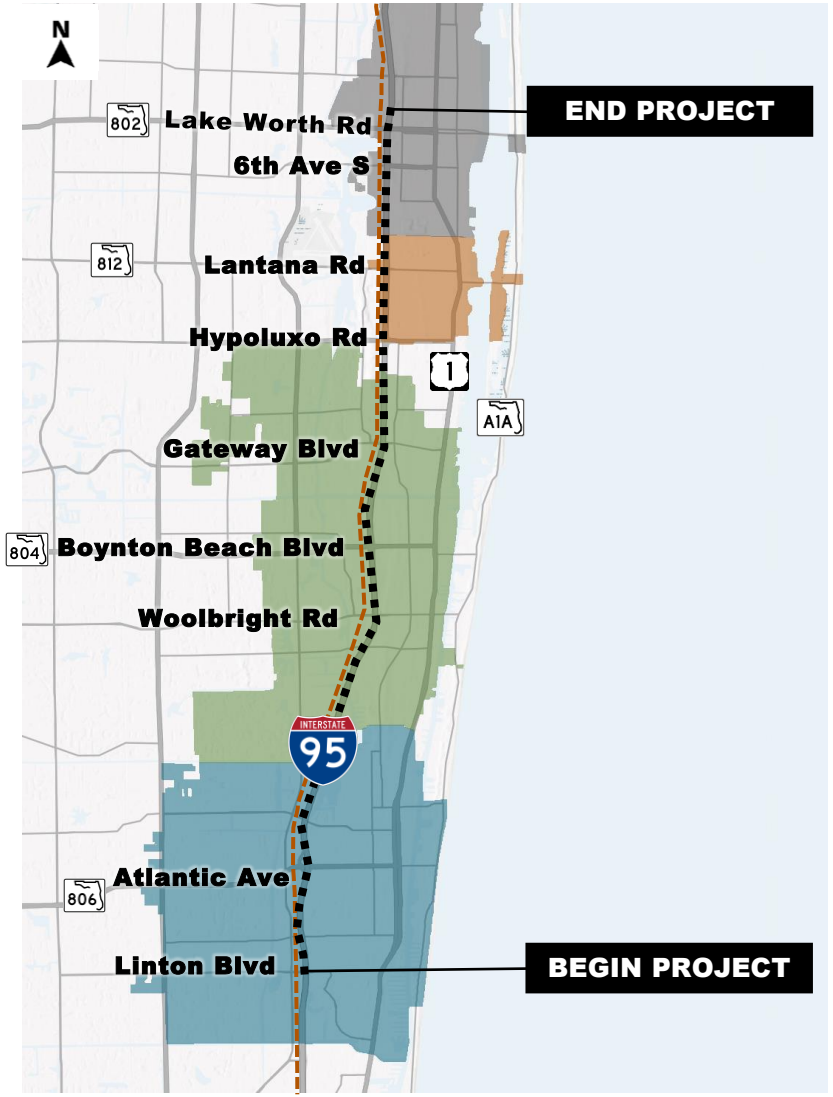
Master Plan Stakeholders

Agencies/Municipalities
Palm Beach County TPA
Palm Beach County Public Works
City of Boca Raton
City of Boynton Beach
City of Delray Beach
City of Lake Worth Beach
City of Palm Beach Gardens
City of Riviera Beach
City of West Palm Beach
Town of Cloud Lake
Town of Glen Ridge
Town of Jupiter
Town of Lake Clarke Shores
Town of Lantana
Town of Mangonia Park

SR 9/I-95 PD&E Study
Palm Beach County

PD&E STUDIES FOR SR 9/I-95 FROM SOUTH OF LINTON BOULEVARD/CR 782 TO NORTH OF SR 704/OKEECHOBEE BOULEVARD I Palm Beach TPA

SOUTHERN PD&E STUDY



PROJECT LOCATION

- Strategic Intermodal System (SIS) and National Highway System (NHS) Facility
- Emergency evacuation route

Palm Beach County

Project Corridor

South Florida Rail Corridor

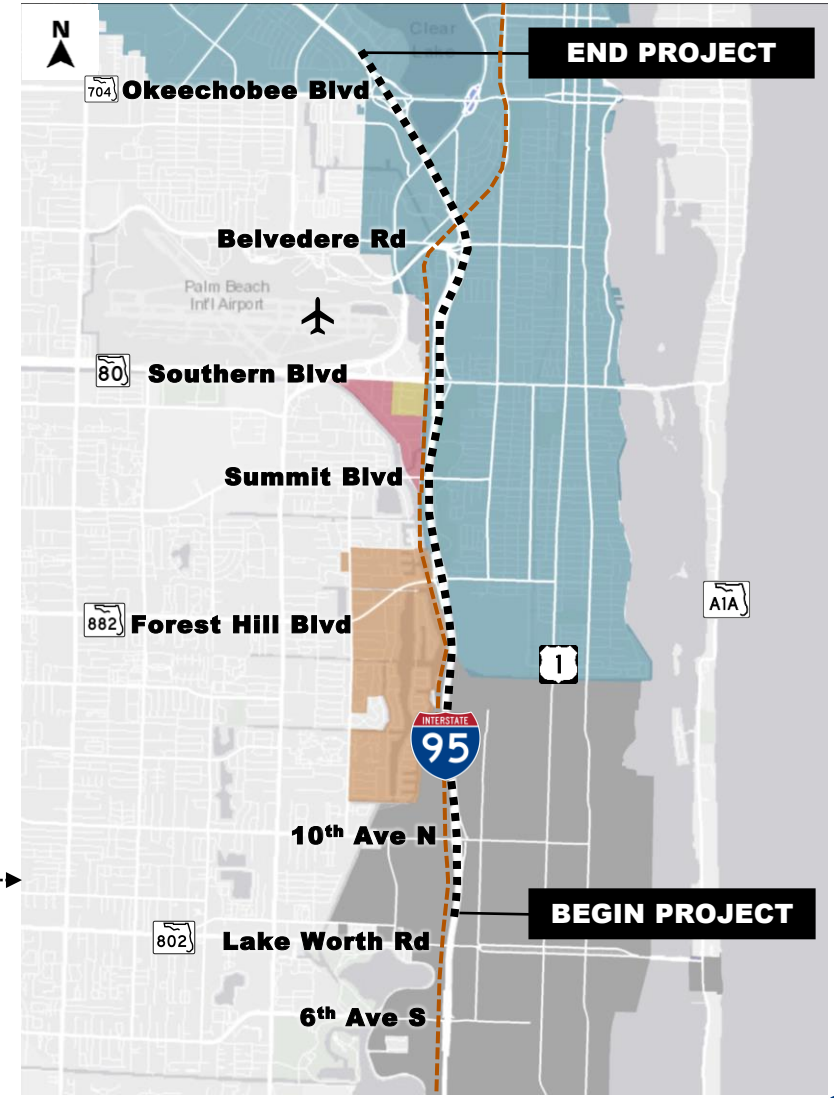
SOUTHERN PD&E STUDY

- Delray Beach
- Boynton Beach
- Lantana
- Lake Worth Beach

NORTHERN PD&E STUDY

- Lake Worth Beach
- Lake Clarke Shores
- Glen Ridge
- Cloud Lake
- West Palm Beach

NORTHERN PD&E STUDY



FDOT

Purpose and Need

The following goals and objectives have been defined for the studies

Increase Capacity to Meet Travel Demand

Operational and Safety Needs

Modal Interrelationships

PD&E Study Process

Palm Beach TPA Presentation
December 14, 2023

Alternatives Public Workshop

Public Hearing

DATA COLLECTION → CONCEPT ALTERNATIVES → ENGINEERING & ENVIRONMENTAL ANALYSIS → ALTERNATIVES REFINEMENT → FINAL DOCUMENTS → LOCATION AND DESIGN CONCEPT ACCEPTANCE (LDCA)

CONTINUOUS AGENCY AND PUBLIC ENGAGEMENT

SR 9/I-95 PD&E Study
Palm Beach County

Engineering

- Roadway Geometry
- Roadway Capacity
- Safety
- Traffic Operations
- Drainage
- Structures
- Right-of-Way Requirements
- Ingress and Egress Access Points
- Multimodal Considerations
- Cost

Environmental

- ❑ Socio-Cultural Evaluation
- ❑ Economic Assessment
- ❑ Land Uses (Existing/Future)
- ❑ Cultural Resources Assessment
- ❑ Recreational Resources
- ❑ Wetlands Evaluation
- ❑ Mobility
- ❑ Water Quality Assessment
- ❑ Wildlife and Habitat Assessment
- ❑ Noise Study
- ❑ Air Quality
- ❑ Contamination Screening Evaluation

SR 9/I-95 PD&E Study
Palm Beach County

Public Involvement

- ❑ Public Involvement Plan (PIP)
- ❑ Project Kick-off Meeting
- ❑ Elected Official Meetings
- ❑ Agency Meetings
- ❑ Public Workshop
- ❑ Community Presentations
- ❑ Public Hearing
- ❑ Project Website

Objectives

- Maintain consistent messaging and transparency
- Understand community concerns
- Create opportunities to engage virtually and in-person
- Coordinate with adjacent projects
- Continuous communication through the life of the projects

Agencies and Stakeholders Coordination

❑ Federal and State Agencies

- Federal Highway Administration
- Federal Emergency Management Agency
- Federal Rail Administration
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- Environmental Protection Agency
- Natural Resources Conservation Service
- Florida Department of Transportation Office of Environmental Management
- Division of Historical Resources
- Department of Agriculture and Consumer Services
- Environmental Protection Agency
- Department of Environmental Protection
- Fish and Wildlife Conservation Commission

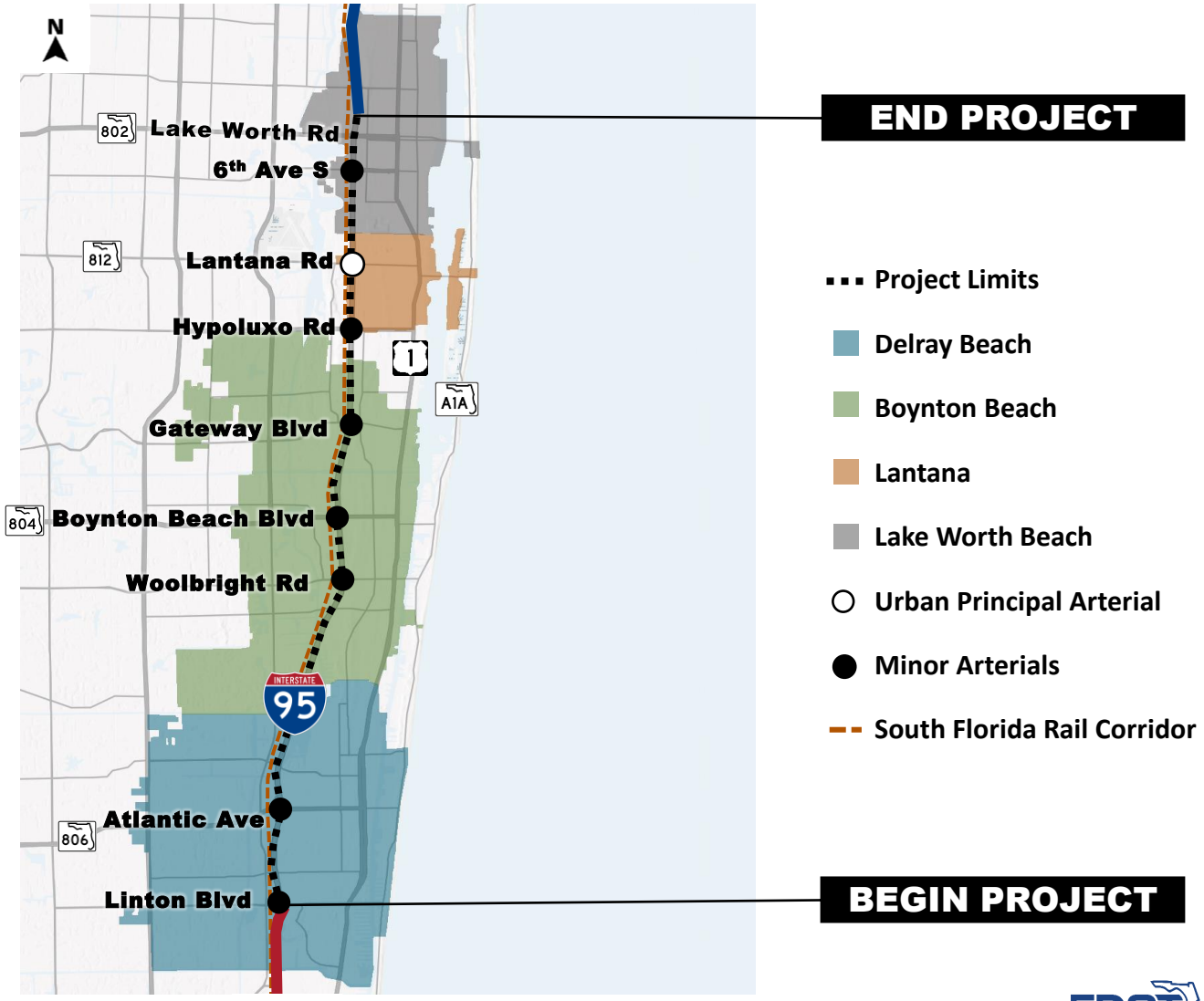
❑ Local Agencies

- Palm Beach County
- Palm Beach Transportation Planning Agency and Committees
- Cities/Towns/Municipalities
- Florida Chamber of Commerce
- South Florida Regional Transportation Authority
- South Florida Water Management District
- Treasure Coast Regional Planning Council

❑ Other Stakeholders

- Parks and Recreation
- Associations
- Major Businesses
- Schools
- Hospitals

SR 9/I-95 PD&E Study
Palm Beach County



Southern PD&E Study

FPID 444202-1-22-02
PD&E Study from South of Linton Boulevard/CR 782 to North of 6th Avenue South (approximately 13.5 miles)
Anticipated completion: Dec 2025

Preliminary ML Access Points

Atlantic Boulevard
Boynton Beach Boulevard
Lake Worth Road

Adjacent Projects

FPID 444202-2-22-02
PD&E Study from North of 6th Avenue South to North of SR 704/Okeechobee Boulevard
Anticipated completion: Dec 2025

Phase 3B from Glades Road to Linton Boulevard/CR 782 under construction
Anticipated completion: Fall 2023

SR 9/I-95 PD&E Study
Palm Beach County

END PROJECT

- Project Limits
- Lake Worth Beach
- Lake Clarke Shores
- Glen Ridge
- Cloud Lake
- West Palm Beach
- Urban Principal Arterial
- Minor Arterials
- South Florida Rail Corridor
- Interchanges to be evaluated

BEGIN PROJECT

Northern PD&E Study

FPID 444202-2-22-02
PD&E Study from North of 6th Avenue South to North of SR 704/Okeechobee Boulevard (approximately 7 miles)
Anticipated completion: Dec 2025

Preliminary ML Access Points

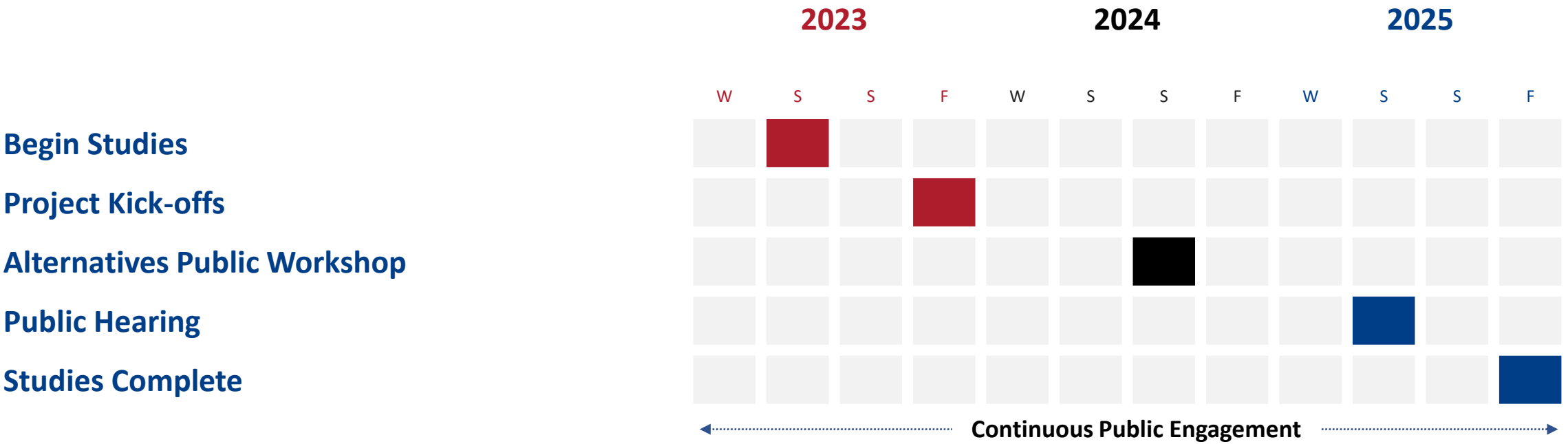
Forest Hill Boulevard
Okeechobee Boulevard

Adjacent Projects

FPID 444202-1-22-02
PD&E Study from South of Linton Boulevard/CR 782 to North of 6th Avenue South
Anticipated completion: Dec 2025

PD&E Studies Project Milestones Schedule

Schedule is Subject to Change



Southern and Northern PD&E Studies Funding (444202-1 and 444202-2): Design: Funded (2027) I Construction: Unfunded

SR 80/Southern Blvd (435516-1): Design: Funded (2026) I Construction: Unfunded

Southern PD&E Study

SR 9/I-95 from South of Linton Boulevard/CR 782 to North of 6th Avenue South

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Northern PD&E Study

SR 9/I-95 from North of 6th Avenue South to North of SR 704/Okeechobee Boulevard

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Holiday Season Drive Sober or Get Pulled Over

FLORIDA STATUTE 316.193 DRIVING UNDER THE INFLUENCE (DUI)

Driving Under the Influence (DUI) of alcoholic beverages, chemical substances, or controlled substances is one offense, proved by impairment of normal faculties or an unlawful blood alcohol or breath alcohol level of .08 or above. The penalties upon conviction are the same, regardless of the manner in which the offense is proven.

DRIVE SOBER OR GET PULLED OVER

SR 9/I-95 PD&E Study
Palm Beach County

FDOT

Palm Beach
Transportation Planning Agency

Thank You

Project Development and Environment (PD&E) Study for SR 9/I-95 from South of Linton Boulevard/CR 782 to North of SR 704/Okeechobee Boulevard

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