



**SR 953/NW 42nd Avenue – SR 948/NW 36th Street – SR 25/Okeechobee Road
Iron Triangle Project Development and Environment (PD&E) Study**

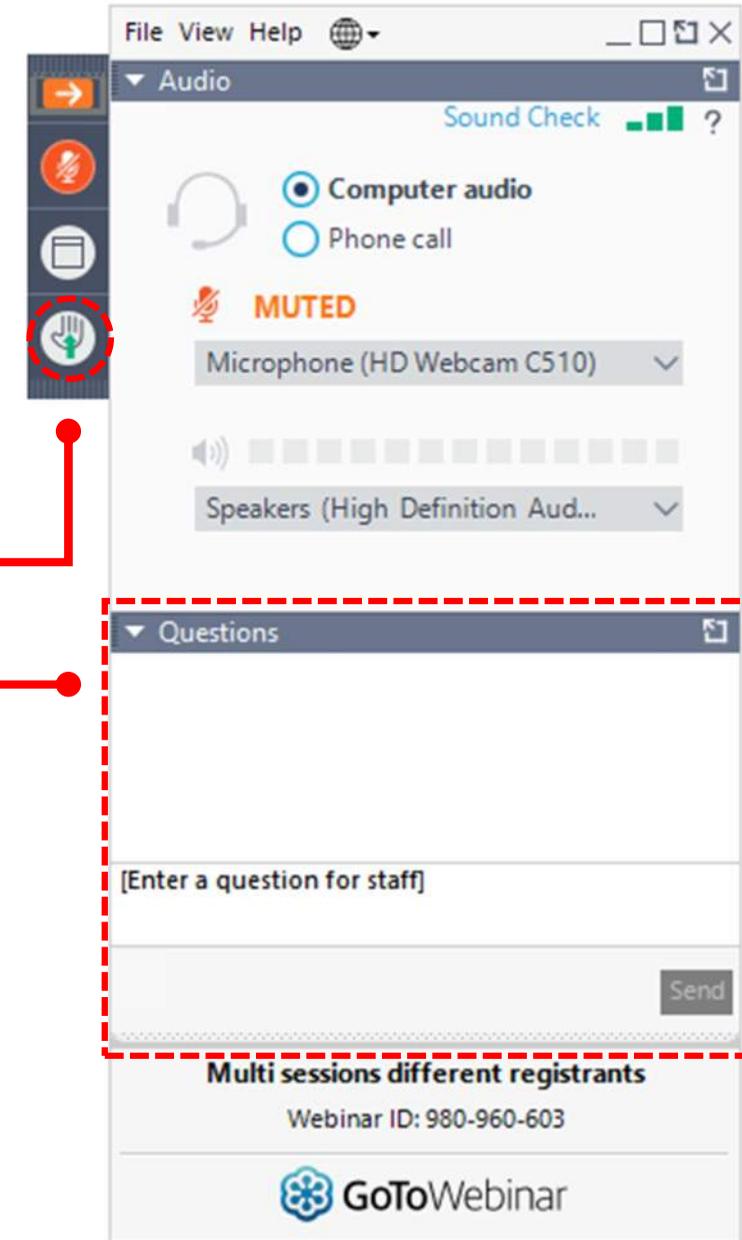
FPID No.: 438521-1-22-01 | ETDM No.: 14472

PROJECT ADVISORY TEAM MEETING # 1

November 16, 2023

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” Panel**
- 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 Interim Title VI Coordinator
Tish Burgher
100 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



NEPA Assignment Statement

The environmental review, consultation and other actions required by applicable federal environmental laws for these projects are being, or have been, carried out by the 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.

AGENDA

- Introductions
- Project Description
- Project Background
- Project Advisory Team (PAT) Participation
- PD&E Study Process
- Alternatives Evaluation
- Schedule & Funding
- Open Discussion

Panelists



Kira Leon, PE
FDOT Project Manager

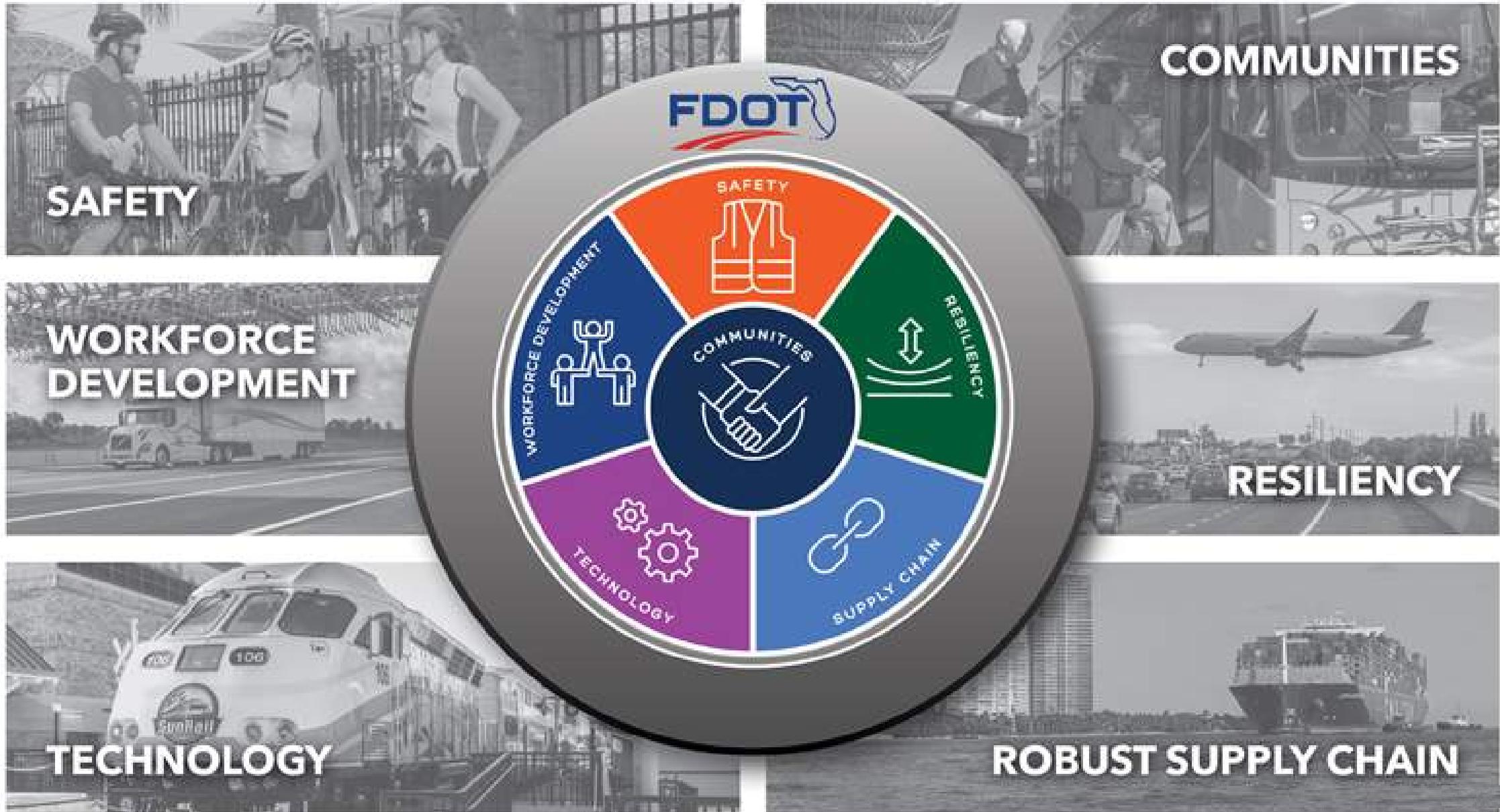


Julieta Manso, PE
Consultant Project Manager



Dayana Sanjurjo
Community Outreach Specialist





Project Description

- Roadway Network:

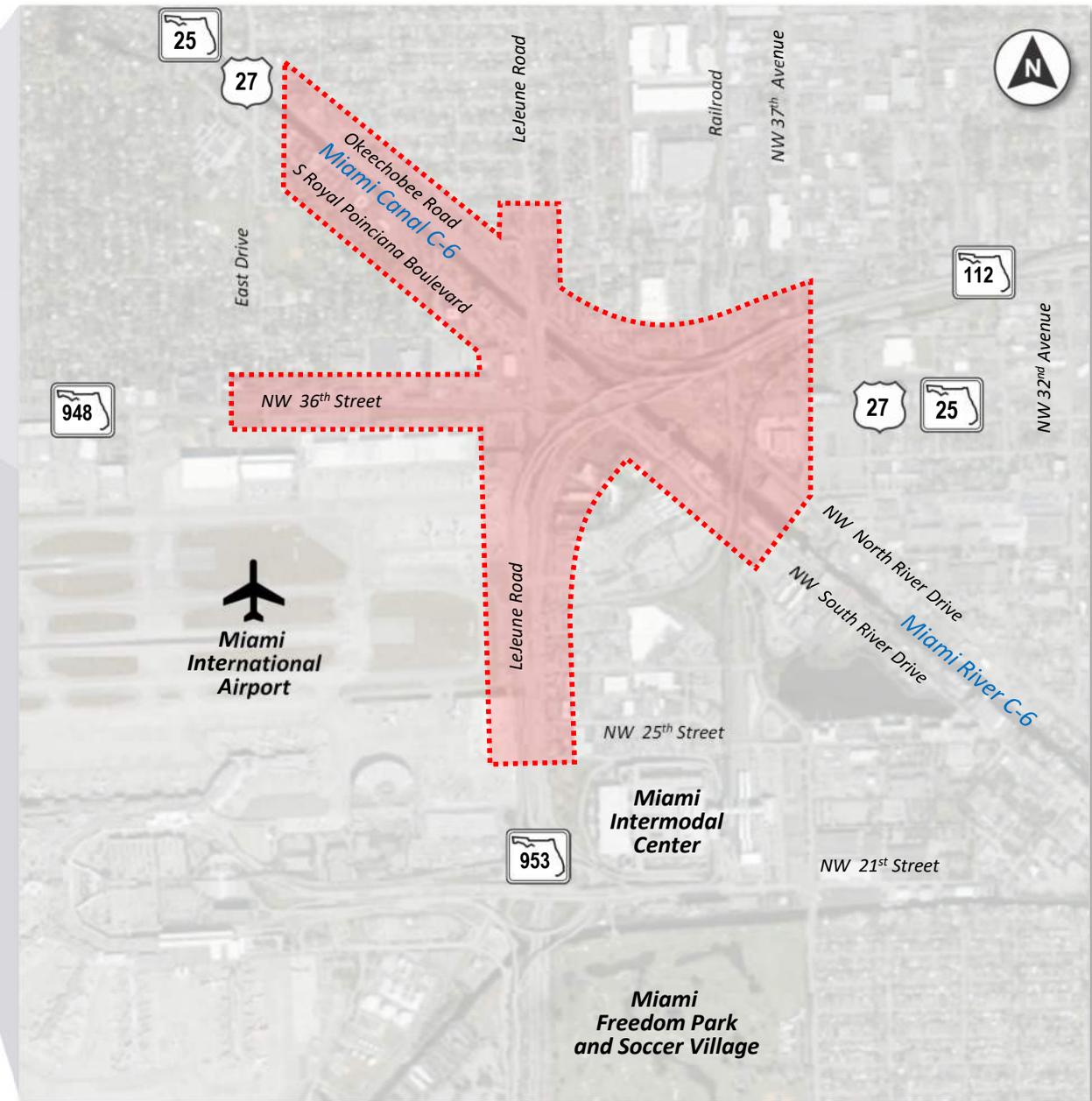
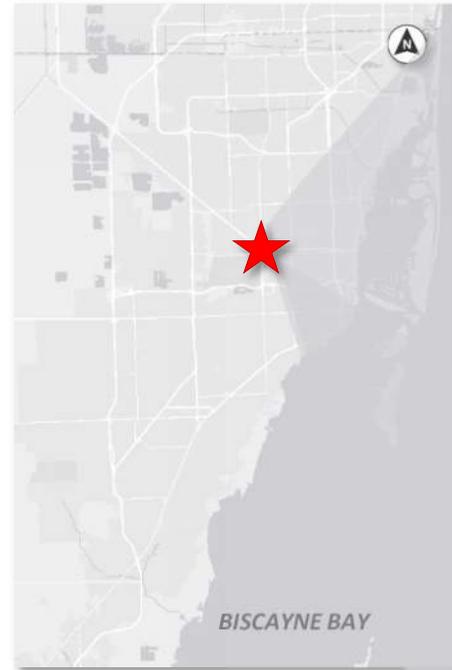
- SR 953/NW 42nd Avenue/LeJeune Road
- SR 948/NW 36th Street
- SR 25/US 27/Okeechobee Road
- SR 112/Airport Expressway
- NW North River Drive
- NW South River Drive
- S Royal Poinciana Boulevard

- Jurisdictions:

- Miami-Dade County
- City of Hialeah
- City of Miami Springs
- City of Miami
- Village of Virginia Gardens

- Points of Interest and Major Generators:

- Miami International Airport
- Miami Intermodal Center
- Miami MetroMover
- Tri-Rail Hialeah Market Station
- Florida East Coast Railway Hialeah Yard
- Miami Freedom Park and Soccer Village



Purpose & Need

Project Purpose

- Address operational deficiencies and improve capacity, relieve existing congestion and accommodate projected transportation demand within the Iron Triangle interchange area, specifically as it relates to SR 953/NW 42nd Avenue/LeJeune Road, SR 948/NW 36th Street, and SR 25/US 27/Okeechobee Road
- Improve safety conditions
- Enhance modal interrelationships

Project Need

- **Capacity/Transportation Demand:** Improve traffic operations/ capacity, alleviate existing congestion, and accommodate projected transportation demand
- **Safety:** Improve safety conditions
- **Modal Interrelationship:** Enhance multimodal activities



Project Background

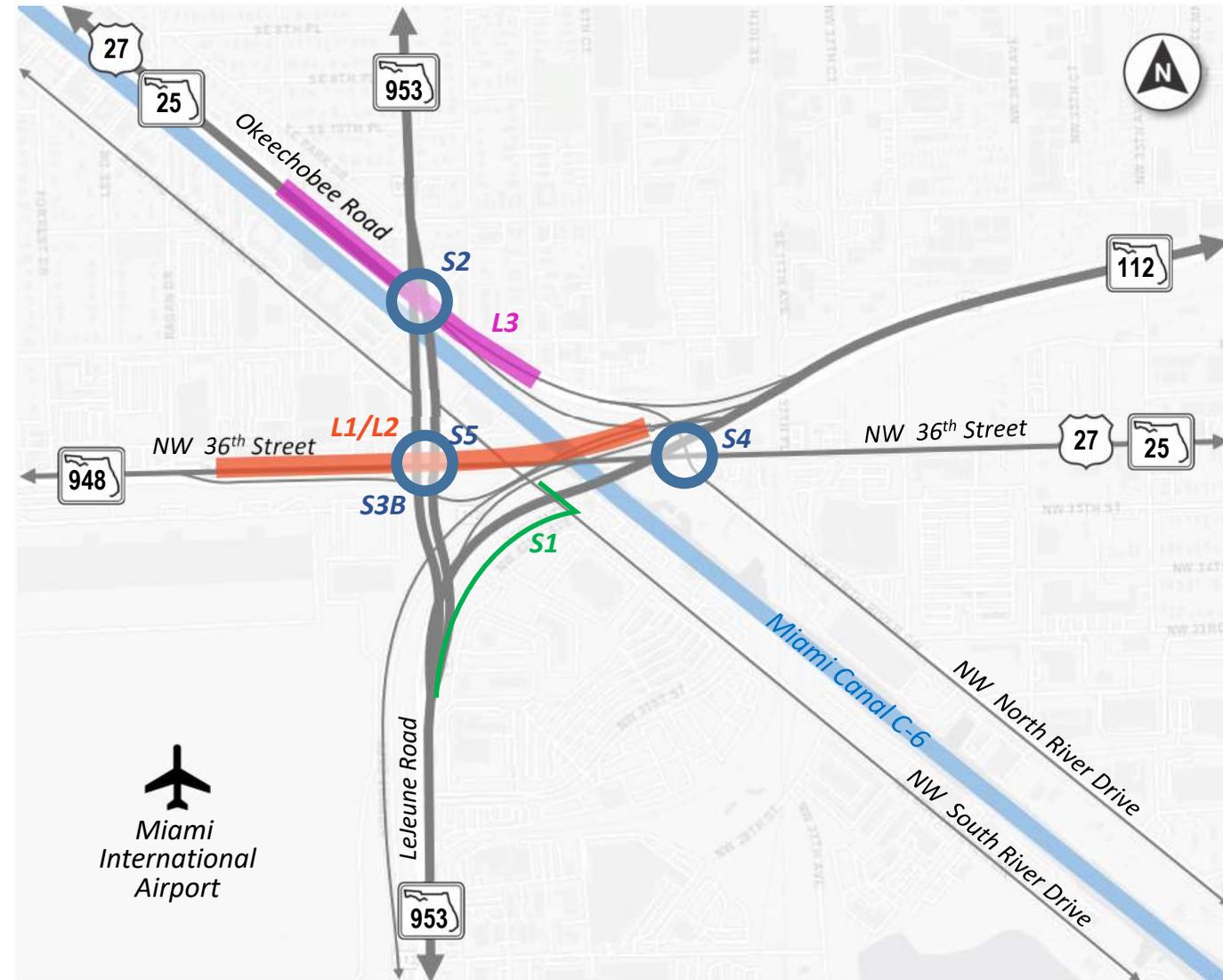
- 2015 FDOT’s Listening Session – Stakeholders Request
- Planning Study 2020 – Iron Triangle Urban Interchange Planning Mobility Study Recommendations

Long-Term Improvements:

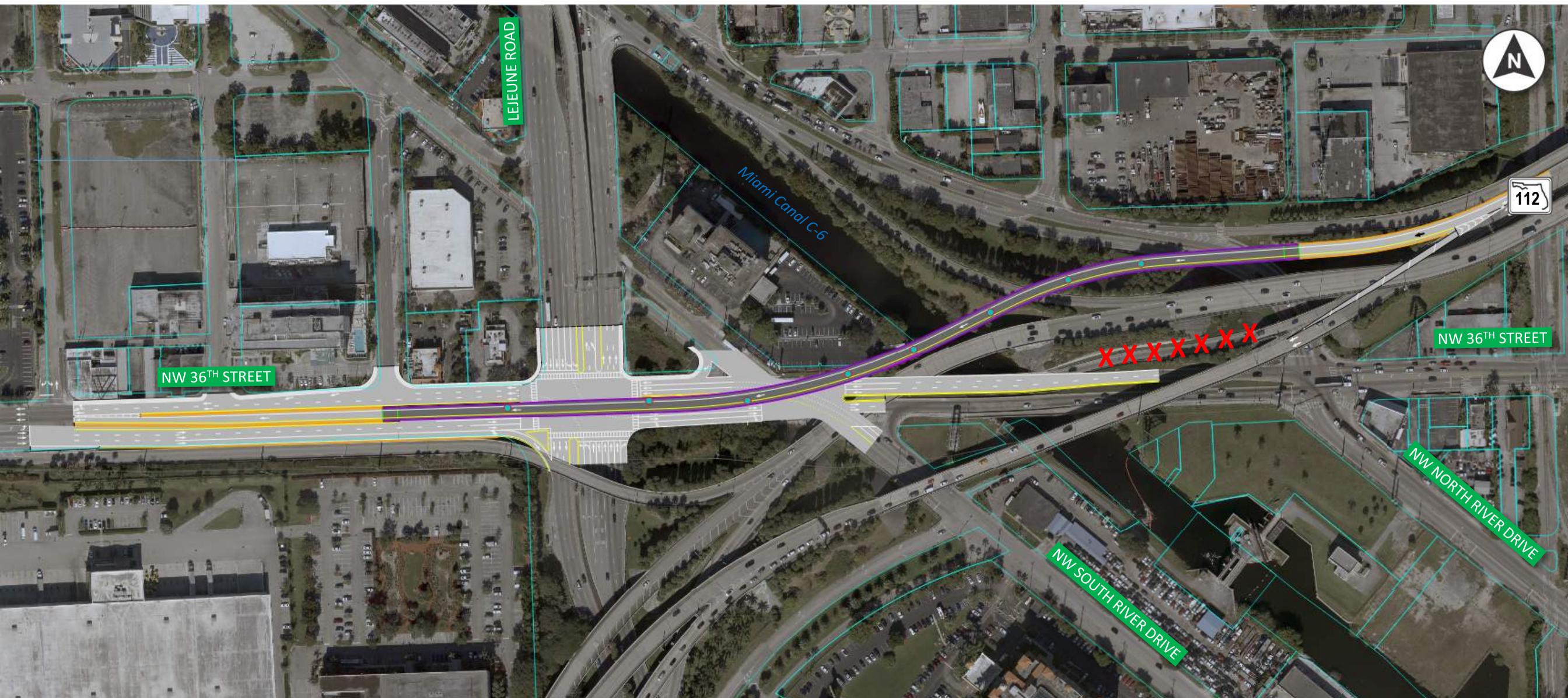
- Concept L1/L2: Extension of WB SR 112 to WB NW 36th Street over LeJeune Road, touching down in the median west of LeJeune Road
- Concept L3: Okeechobee Road overpass at LeJeune Road

Short-Term Improvements:

- Concept S1: Provide a 6-foot sidewalk along LeJeune Road spur roadway and NW South River Drive and improve pedestrian railroad crossing
- Concept S2: LeJeune Road and Okeechobee Road intersection improvements
- Concept S3B: LeJeune Road and NW 36th Street intersection improvements
- Concept S4: NW North River Drive and NW 36th Street intersection improvements
- Concept S5: Partial Displaced Left Turn (DLT) at the LeJeune Road and NW 36th Street intersection



L1/L2: Extension of WB SR 112 to WB NW 36th Street over LeJeune Road – *Feasibility Study Concept*



L3: Okeechobee Road overpass at LeJeune Road – *Feasibility Study Concept*



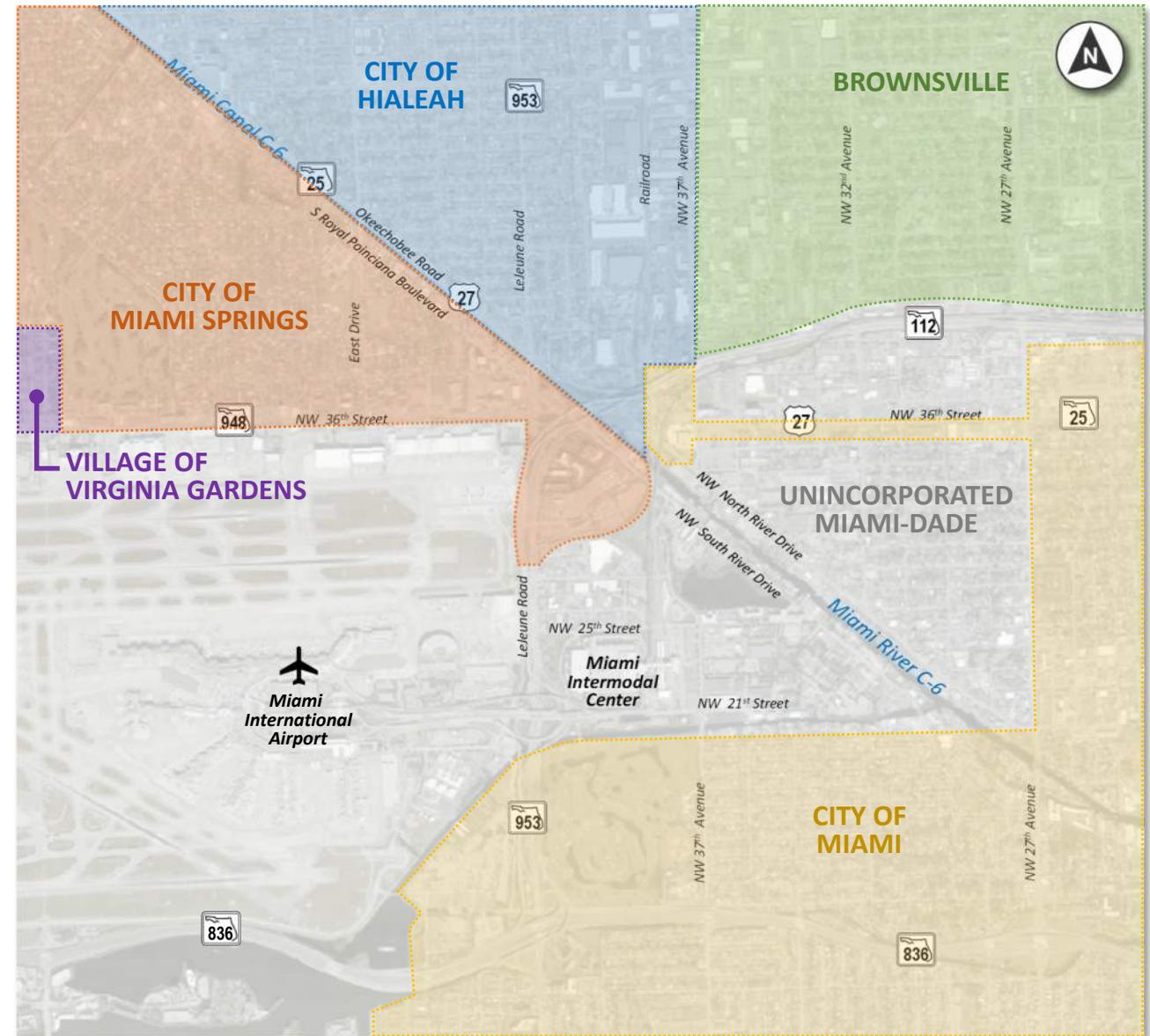
Project Advisory Team (PAT)

PAT Role and Expectations:

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

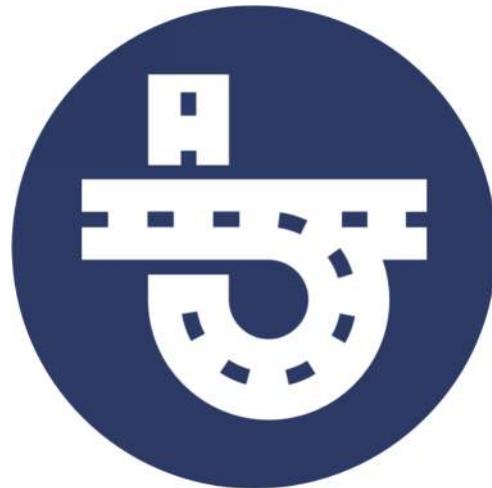
Feasibility Study – Project Advisory Team Members

- Miami-Dade County
- City of Hialeah
- City of Miami Springs
- Miami Springs Police Department
- City of Miami
- Village of Virginia Gardens
- Greater Miami Expressway Agency (GMX)
- Miami-Dade Transportation Planning Organization (TPO)
- Miami International Airport (MIA)
- Freight Transportation Advisory Committee (TPO – FTAC)
- South Florida Regional Planning Council



What is a PD&E Study?

A Project Development & Environment (PD&E) Study
is a process to analyze a transportation project
that consists of 3 elements:



Engineering

Identify potential design solutions



Environmental

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

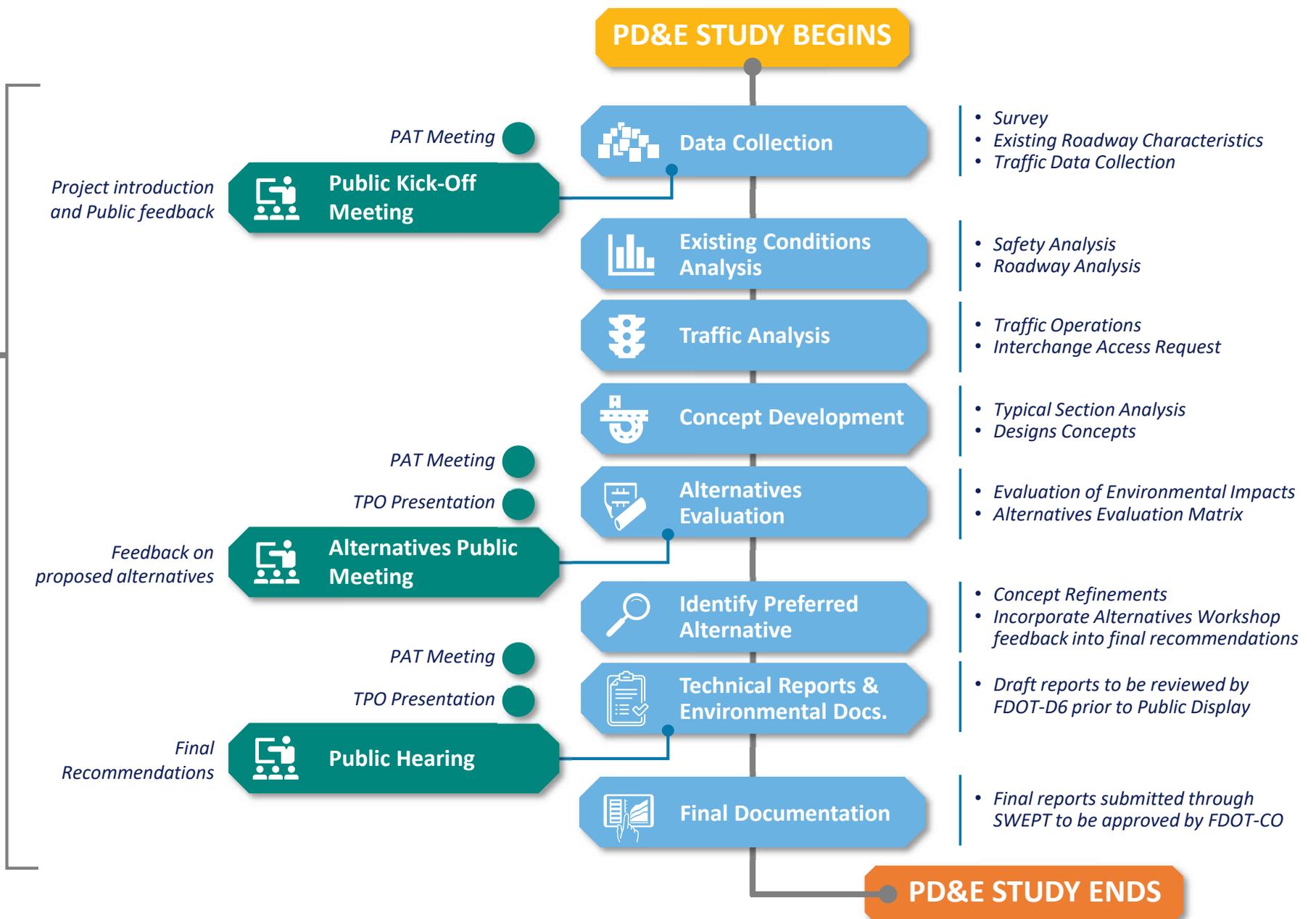
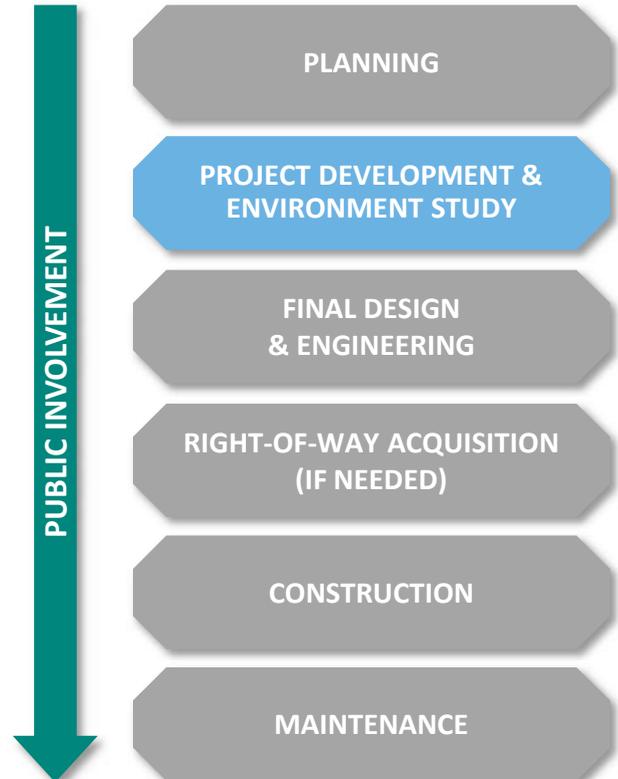


Public Involvement

Seek Public Input

PD&E Study Process

Transportation Improvement Process



Traffic Operations

- Inadequate Capacity
 - 2050 No Build – All intersections operate at LOS F
 - Queuing along SR 112 mainline
 - Miami Freedom Park and Soccer Village will generate additional 3,900 vph on a typical weekday, PM peak
 - Future congestion will increase without mitigation
- Truck Percentages 7% to 23%
- Additional Improvements are required to achieve acceptable LOS in design year (2050) and facilitate property access



The PD&E Study will refine the planning concept and develop additional improvements to help improve capacity, relieve congestion, and improve overall safety



Engineering Considerations

- Structures Evaluation
- Roadway Geometry
- Signalized Intersections
- Bicycle and Pedestrian Facilities
- Temporary Traffic Control Plan
- Drainage
- Utilities
- Lighting
- Geotechnical Investigations
- Constructability





Environmental Considerations



Social and Economic

- Land Use Changes
- Social
- Relocation Potential
- Farmlands
- Aesthetic Effect
- Economic
- Mobility



Cultural Effects

- Historic Sites/Districts
- Archeological Sites
- Recreation Areas
- Section 4(f) Potential



Natural Resources

- Wetlands
- Aquatic Preserves
- Water Quality and Quantity
- Wild and Scenic Rivers
- Floodplains
- Protected Species and Habitat
- Essential Fish Habitat
- Coastal and Marine



Physical Effects

- Traffic Noise
- Air Quality
- Contamination
- Infrastructure



Public Involvement Considerations

- Stakeholder’s – Project Briefings
- Public Meetings:
 - Public Kick-off Meeting: *February 2024*
 - Alternatives Public Workshop: *Summer 2024 (Tentative)*
 - Public Hearing: *Spring 2025 (Tentative)*
- Project Advisory Team Meetings
- Miami-Dade County TPO Presentations
- Submit Comments to:
 - Kira Leon, PE at: kira.leon@dot.state.fl.us
- Project website: www.fdotmiamidade.com/SR953_SR948_and_SR25

GET INVOLVED! STAY INFORMED!



Public comments and questions are welcomed at any time throughout the study.



FDOT

FACT SHEET | Fall 2023

STATE ROAD (SR) 953/NW 42 AVENUE WITH SR 948/NW 36 STREET AND SR 25/US 27/OKEECHOBEE ROAD (IRON TRIANGLE)
Project Development and Environment (PD&E) Study

County/State: Miami-Dade County, Florida
Financial Management Number: 438521-1-22-01
Federal Aid Project Number: TBD
Efficient Transportation Decision Making (ETDM): 14472

OVERVIEW

The Iron Triangle is an urban interchange primarily comprised of the intersection of SR 953/NW 42 Avenue, SR 948/NW 36 Street, and SR 25/US 27/Okeechobee Road. The interchange also features the Greater Miami Expressway Agency (GMX) SR 112/Airport Expressway, which is one of the principal highways providing access to and from Miami International Airport (MIA), and connects to other important transportation facilities and destinations such as Interstate 95 (I-95) and Miami Beach. In addition, the ramps of the Iron Triangle interchange cross over the Miami Canal (C-6). The project traverses through the City of Miami Springs, City of Hialeah, City of Miami and Unincorporated Miami-Dade County.

GOALS

The purpose of this project is to address operational deficiencies and improve capacity, relieve existing congestion and accommodate projected transportation demand within the Iron Triangle interchange area, specifically as it relates to SR 953/NW 42 Avenue, SR 948/NW 36 Street, and SR 25/US 27/Okeechobee Road. Other goals of the project include improving safety conditions and enhancing modal interrelationships. The need for this project is based on the following criteria:

CAPACITY/TRANSPORTATION DEMAND: Improve traffic operations/capacity, alleviate existing congestion, and accommodate projected transportation demand.

SAFETY: Improve safety conditions

MODAL INTERRELATIONSHIPS: Enhance multimodal activity

- Miami International Airport (MIA)
- Intercity and long-distance transit access
- Freight movement
- Pedestrian accommodations

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COMMUNITY OUTREACH SPECIALIST
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STAY INFORMED

WHAT IS A PD&E STUDY?

During the PD&E phase, the preliminary engineering and documentation required for funding is completed. This includes the review and analysis of potential impacts from the proposed project on the social, economic, natural, physical, and cultural resources in the surrounding environment.

FUNDING

The project is included in the FDOT FY 2022-2026 State Transportation Improvement Program (STIP) and is currently funded for the PD&E and Design Phases.

SCHEDULE

This PD&E Study started in June 2023 and is expected to be completed by Summer 2025. The design phase begins once the PD&E Study is complete.

PUBLIC INVOLVEMENT

Public involvement is an extremely important part of a PD&E Study. To inform citizens about the project and provide interested persons an opportunity to be involved in the development of the project. There will be several opportunities to participate in public meetings and individual stakeholder discussions.

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 May 26, 2022, and executed by Federal Highway Administration and FDOT.

FDOT encourages public participation without regard to race, color, national origin, age, sex, religion, disability, or family status.



LOCATION MAP

www.southflroads.com @MyFDOT_Miami @MyFDOTMiami

Alternatives Evaluation

- Meet the project purpose and need statement
- Incorporate design solutions
- Evaluate potential environmental impacts
- Incorporate public input



Engineering



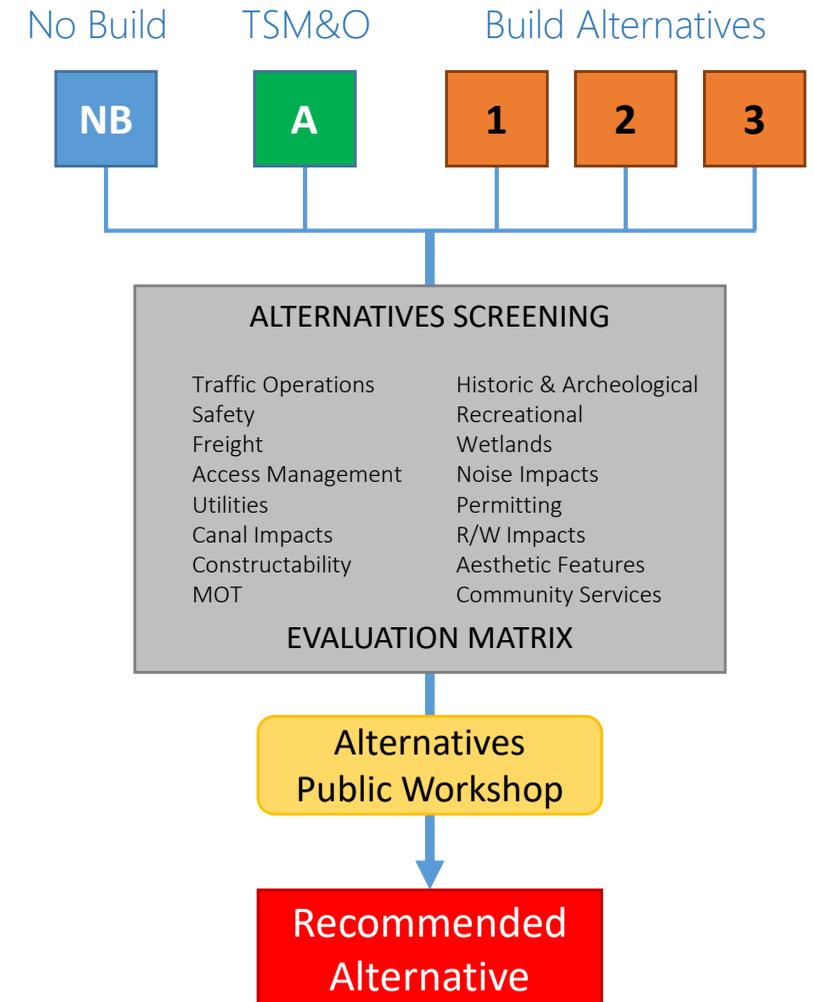
Environmental



Public Involvement

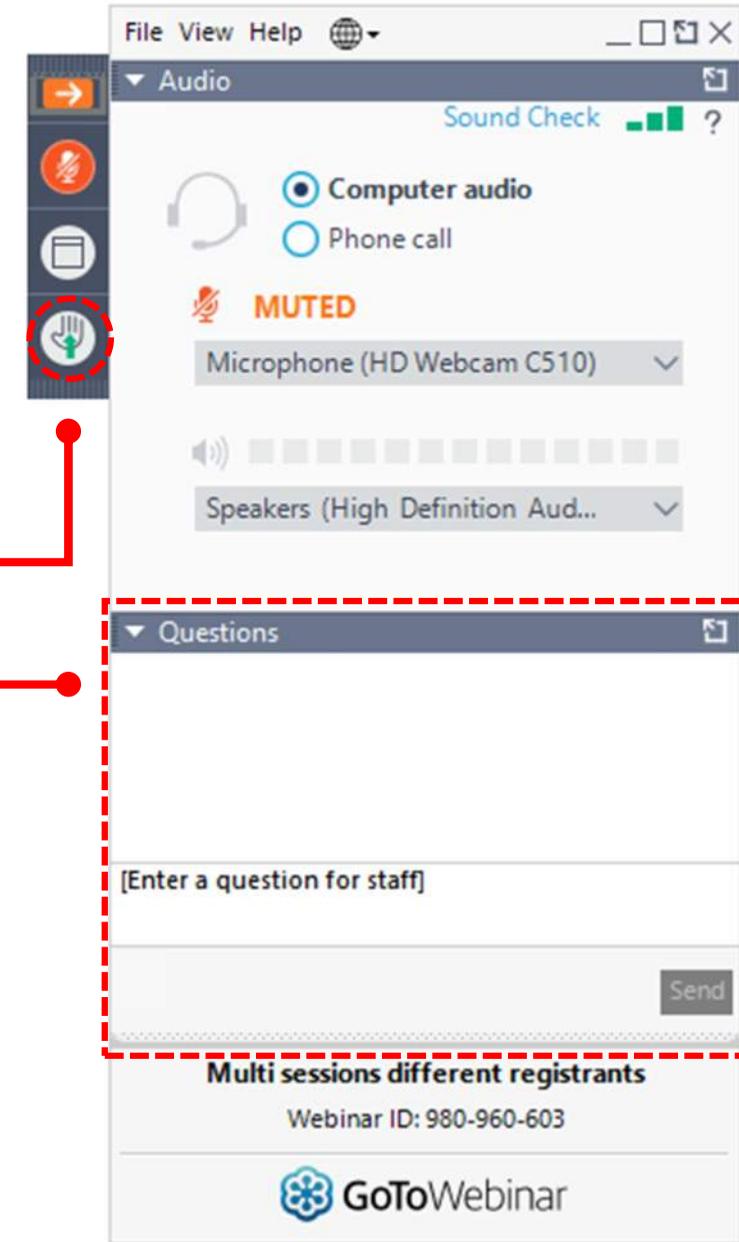
The PD&E Study will refine the planning concept and develop additional improvements to help improve capacity, relieve congestion, and improve overall safety

Alternatives Evaluation Process



Comment Period

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- To provide your comments :
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Goals for today's meeting!

- PAT Kick-Off Meeting
- Introduce our project team and PAT members
- Record any issues and concerns

- Next PAT Meeting: June 2024 (Tentative)

PAT ROLE

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



Thank you for attending!

Contact Information

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