



# Project Development and Environment (PD&E) Study

## SR-9/SR-817/NW 27th Avenue Rapid Transit Study



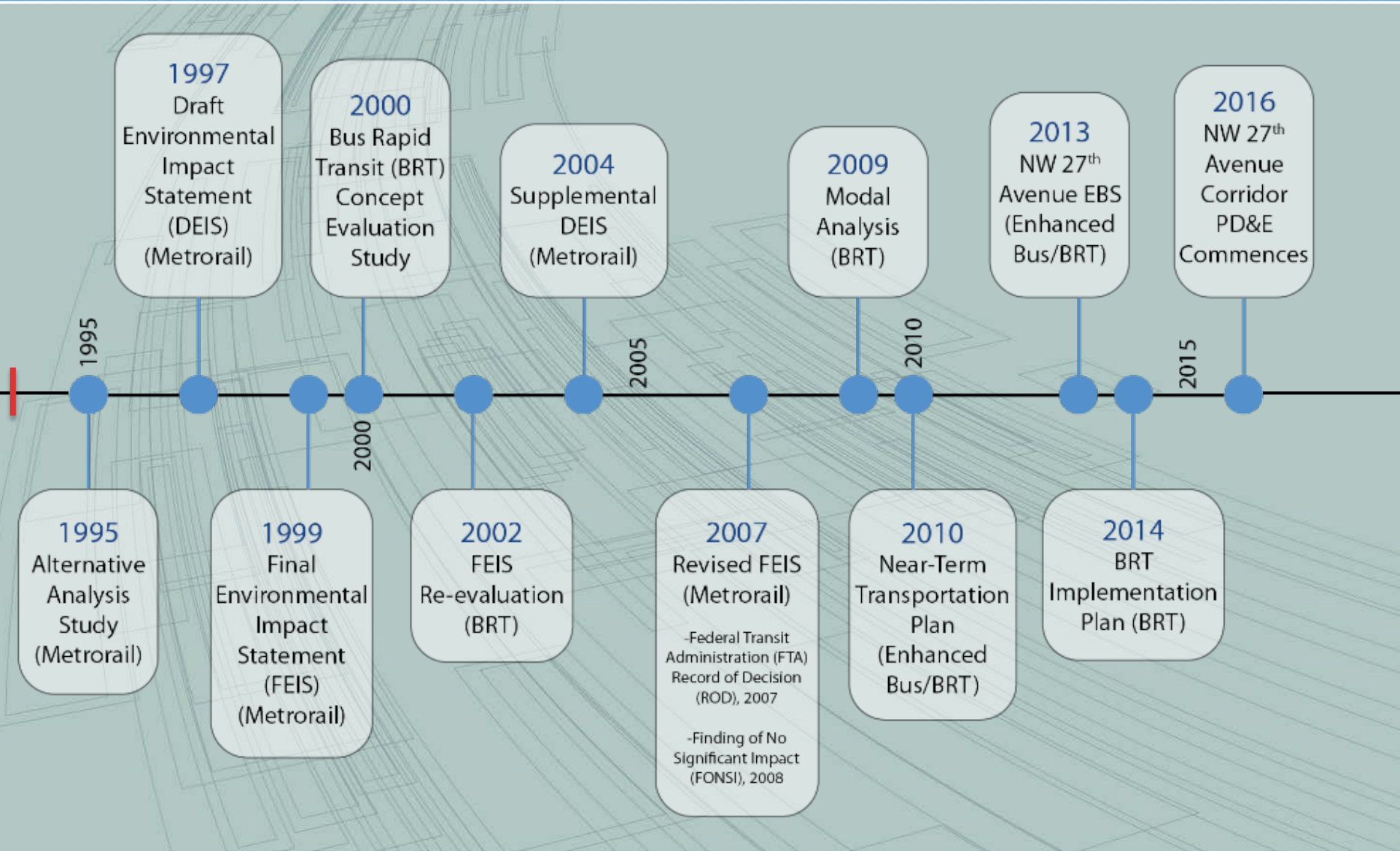
# Public Workshop

April 2017

**PARSONS  
BRINCKERHOFF**



# Project History Timeline



## • Bus Rapid Transit (BRT)

- Median of NW 27<sup>th</sup> Avenue
- Curb running



## • Light Rail Transit (LRT)

- Median of NW 27<sup>th</sup> Avenue



## • Heavy Rail Transit (HRT) Metrorail

- Elevated extension of Metrorail (Locally Preferred Alternative / Federal Transit Administration Record of Decision - 2007)
- Median of NW 27<sup>th</sup> Avenue (Elevated)



## Station Areas

1. NW 215<sup>th</sup> Street
2. NW 199<sup>th</sup> Street
3. NW 183<sup>rd</sup> Street
4. NW 163<sup>rd</sup> Street
5. Ali Baba Avenue
6. NW 119<sup>th</sup> Street (Miami-Dade College)
7. NW 82<sup>nd</sup> Street





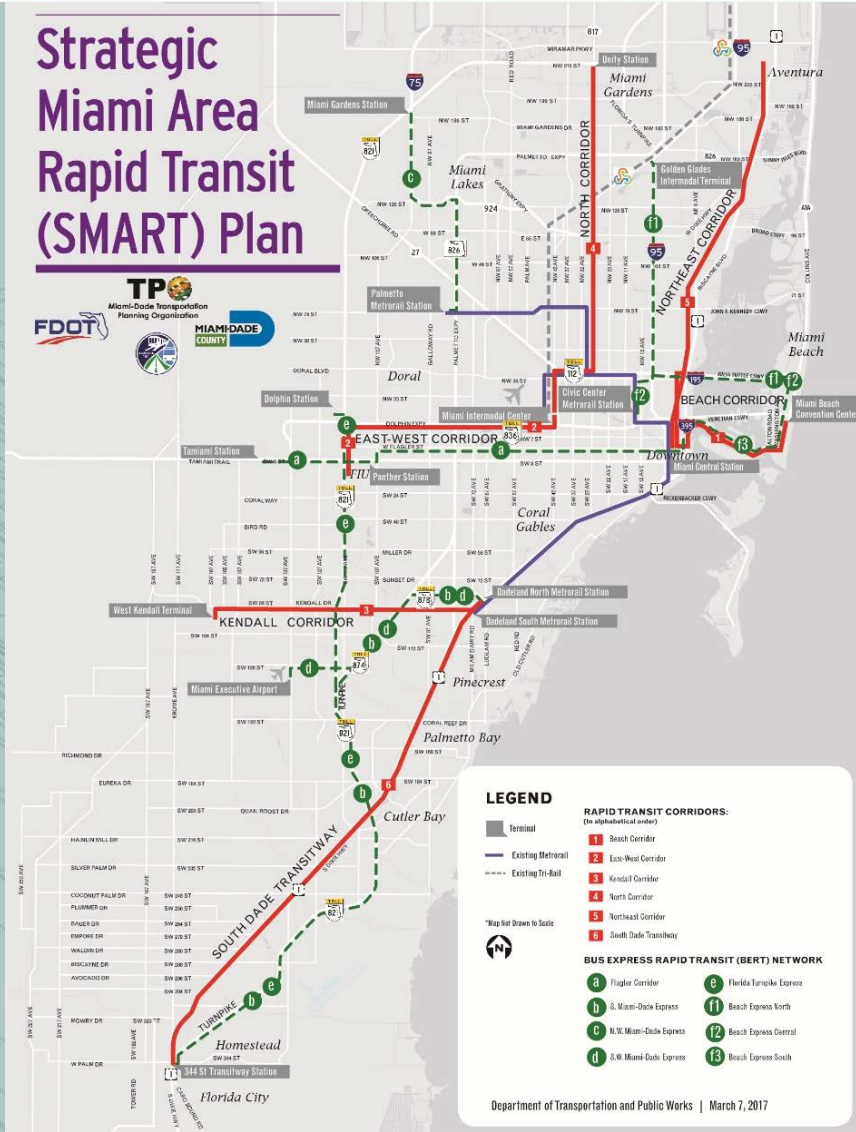
# Strategic Miami Area Rapid Transit (SMART) Plan

The SMART Plan identifies the development of six rapid transit corridors that directly support the mobility of our future population and employment growth

## MPO Resolution #26-16

Resolution endorsing the Strategic Miami Area Rapid Transit (SMART) plan and directing the MPO Executive Director to work with the Metropolitan Planning organization fiscal priorities committee to determine the costs and potential sources of funding for Project Development and Environment study for said projects.

## Strategic Miami Area Rapid Transit (SMART) Plan





# What is a PD&E Study?

## *A Project Development and Environment (PD&E) Study*

is a part of the process for complying with the **National Environmental Policy Act (NEPA)** of 1969 as mandated by the U.S. Environmental Protection Agency (EPA) in addition to Federal and State laws and regulations.

- The PD&E Process is the State of Florida process for complying with NEPA requirements.
- Evaluation criteria allows the project to be eligible for federal and state funding.
- Public outreach is a vital component to the study process.



# Project Scope

## • Study Limits

- Miami Intermodal Center (MIC) via NW 27<sup>th</sup> Avenue and SR 112 to NW 215<sup>th</sup> Street (Unity Station)
- 13-mile urbanized corridor

## • Rapid Transit Modes

- Bus Rapid Transit (BRT)
- Light Rail Transit (LRT)
- Heavy Rail Transit (HRT)

## • Corridor Alignment

- Alternatives will utilize existing right-of-way

## • Station Stop Locations

- On-street, near or far-side of major intersections
- Multimodal connections





# PD&E Study Elements



## Public Involvement

Continuous outreach and coordination with community and stakeholders



## Data Collection

Review of existing conditions



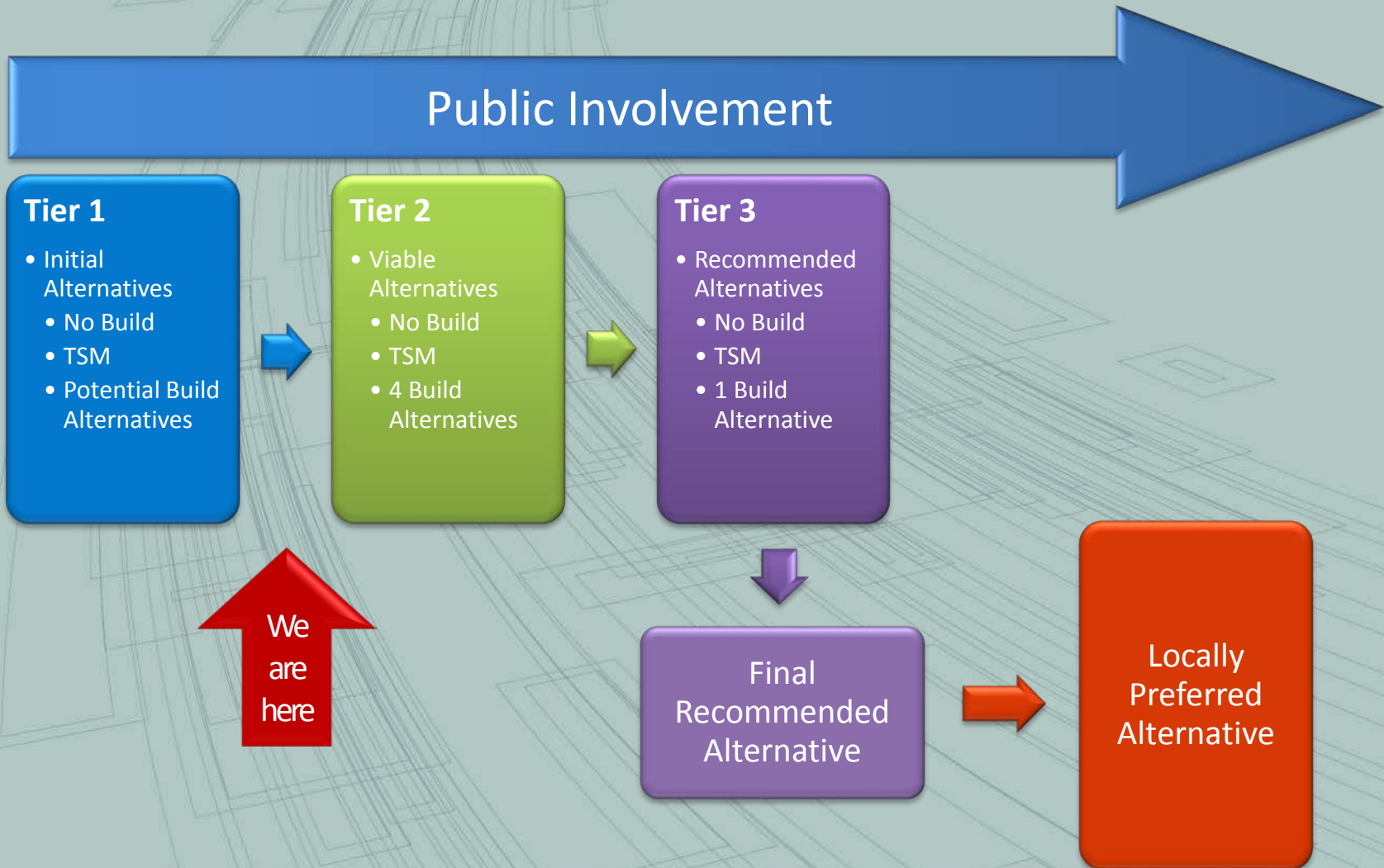
## Engineering Analysis

Develop and evaluate alternatives that meet the goals of the project. Estimate ridership and costs.



## Environmental Evaluations

Identify potential impacts to natural and physical environments





## Evaluation Criteria

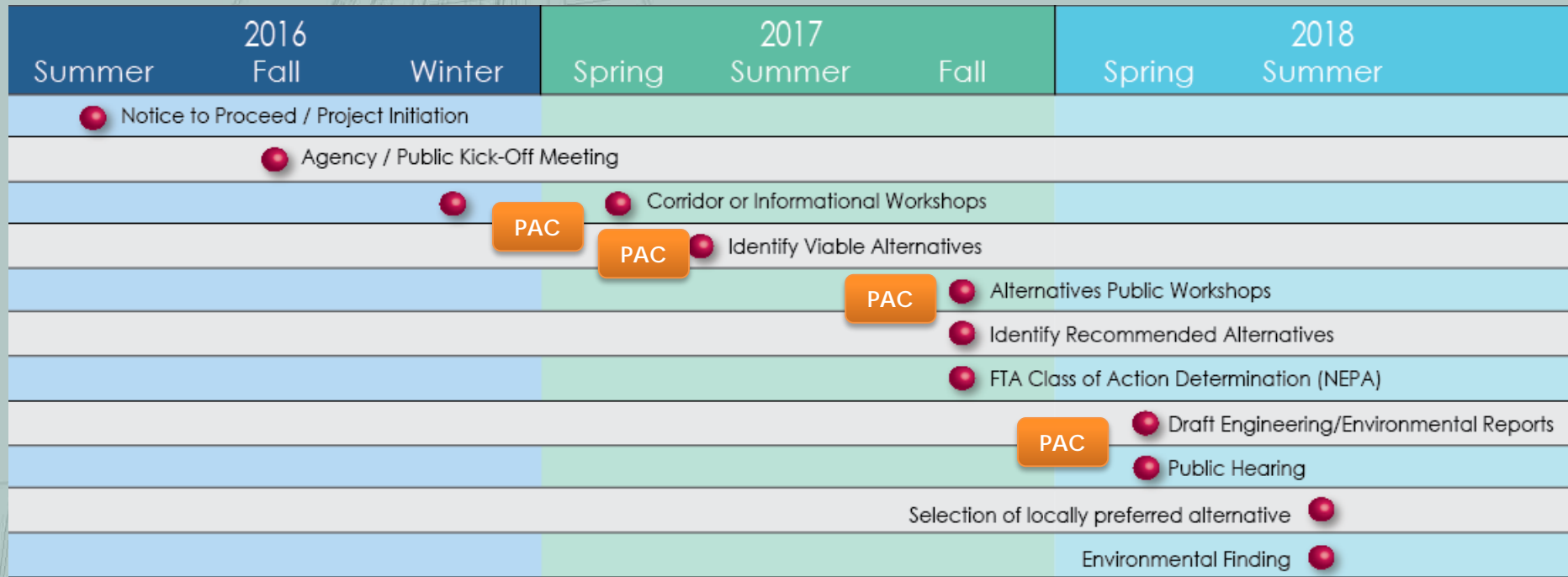
- Right-of-Way Requirements
  - Can the alignment be implemented within the existing right-of-way?
- Environmental Impacts
  - Social – Community Cohesion
  - Physical - Safety
- Traffic Operations and Safety
  - Are there restrictions at intersections?
  - Are there accessibility restrictions?
- Transit Operations and Safety
  - Passenger safety and accessibility

## Evaluation Criteria

- Community Acceptance
  - Limited left hand turns and disruption to local circulation
  - Lane repurposing
- Ease of Implementation
- Compatibility with other modes
  - One-seat ride or transfer?
- Economic Development
- What is the Estimated Cost?
  - Capital costs
  - Operations and maintenance costs



# Project Milestone Schedule



- Corridor Workshops
  - April 4<sup>th</sup> and April 6<sup>th</sup>
- Viable Alternatives Evaluation
  - Assemble comments from Corridor Workshops
  - Refine viable alternatives based on comments
  - Develop concept plans
- Alternatives Public Meetings – October 2017



# Stay Informed and Engaged

## Stay Informed:

### Project Website:

[www.fdotmiamidade.com/27thAvenueRapidTransit](http://www.fdotmiamidade.com/27thAvenueRapidTransit)

## Get Involved:

### FDOT Project Manager

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### Public Information Officer

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