



# Flagler Street Premium Transit | PD&E Study

FM No: 437782-1-22-01 | Contract No: C-9P09

## Elected Officials and Agency Kick-Off Meeting



September 22, 2016



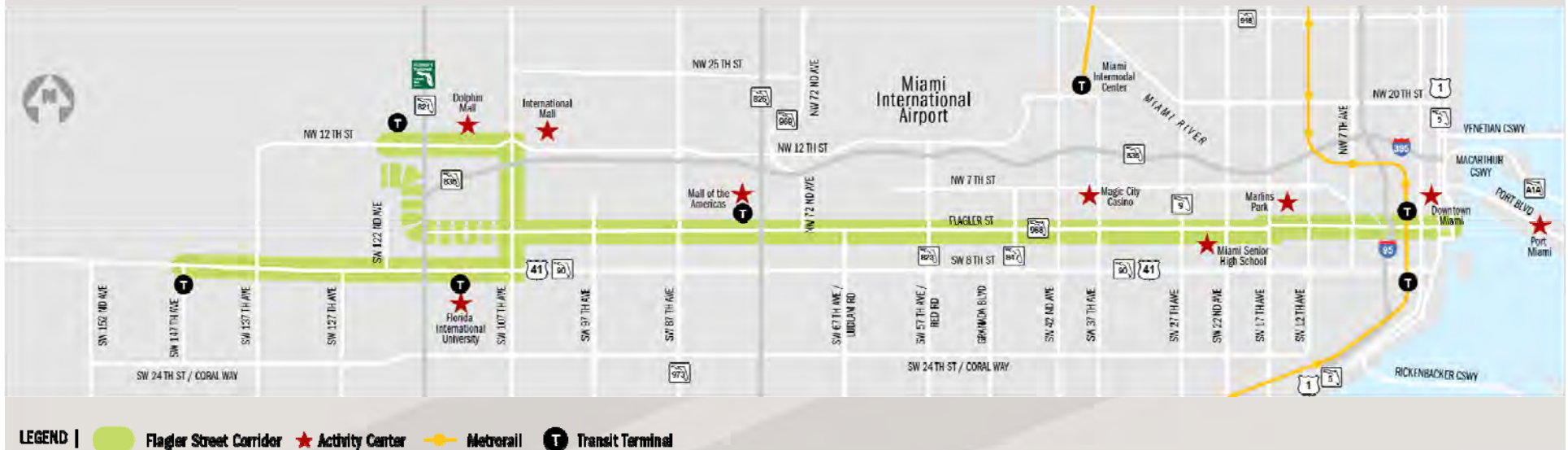
# Meeting Purpose

- Introduce the Project
- Outline the Study Process
- Discuss the Schedule
- Present Ways to Stay Informed and Involved
- Hear your Ideas and Concerns



# Project Description – Project Limits

- SR 968/Flagler Street/SW 1<sup>st</sup> Street
  - SW/NW 107<sup>th</sup> Avenue to 2<sup>nd</sup> Avenue
- SR 91/SW 8<sup>th</sup> Street
  - SW 147<sup>th</sup> Avenue to SW 107<sup>th</sup> Avenue
- SW/NW 107<sup>th</sup> Avenue
  - SW 8<sup>th</sup> Street to NW 12<sup>th</sup> Street
- NW 12<sup>th</sup> Street
  - NW 107<sup>th</sup> Avenue to NW 122<sup>nd</sup> Avenue
- Approximately 20 miles
- Three Jurisdictions
  - City of Miami
  - City of Sweetwater
  - Unincorporated Miami-Dade County
- Connects I-95, SR 826, SR 836, and the Turnpike







# Project Description

## Study Corridor Then...



Looking west on Flagler Street  
from East 1<sup>st</sup> Avenue  
1870 and 1889



Looking west on East Flagler Street  
from 1<sup>st</sup> Avenue  
c. 1920



Looking down East Flagler Street  
1926



Parade on Flagler Street  
1925

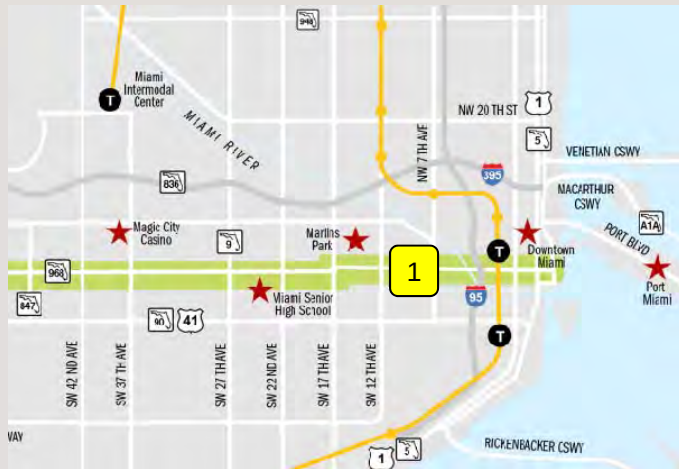


Looking down a very busy East  
Flagler Street  
1925



# Project Description

## Segment 1 – Downtown Miami to 27<sup>th</sup> Avenue



## Study Corridor Now...

- Highly urbanized/Limited ROW
- Metrorail, Metrobus, sidewalks
- Parking – high cost, on-street
- Closely spaced signals



Flagler Street & 1<sup>st</sup> Avenue Looking West



Flagler Street & 1<sup>st</sup> Avenue Looking East



Flagler Street & 2<sup>nd</sup> Avenue Looking East





## Project Description – Study Corridor Now...

### Segment 2 – 27<sup>th</sup> Avenue to SR 826/Palmetto Expressway

- Urbanized section/limited ROW
  - Metrobus, sidewalks
  - Numerous driveway access
- Interchange with major highways



Flagler Street between 48<sup>th</sup> & 42<sup>nd</sup> Avenue Looking West



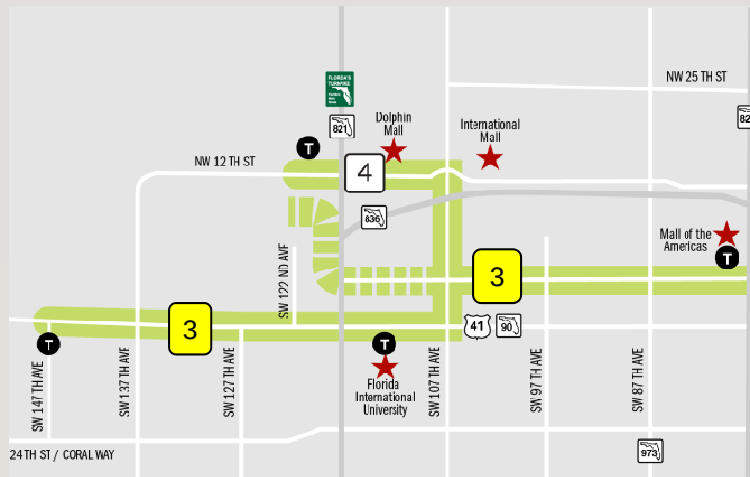
Flagler Street & 67<sup>th</sup> Court Looking West



## Project Description – Study Corridor Now...

### Segment 3 – SR 826/Palmetto Expressway to 147<sup>th</sup> Ave.

- From urbanized to transitioning sections
- Metrobus, sidewalks
- Numerous driveway access
- Mix of residential and strip commercial
- Interchanges with Turnpike and Palmetto



SW 107<sup>th</sup> Avenue & SW 8<sup>th</sup> Street Looking South



Flagler Street & 79<sup>th</sup> Avenue Looking East



SW 8<sup>th</sup> Street & 147<sup>th</sup> Avenue Looking West





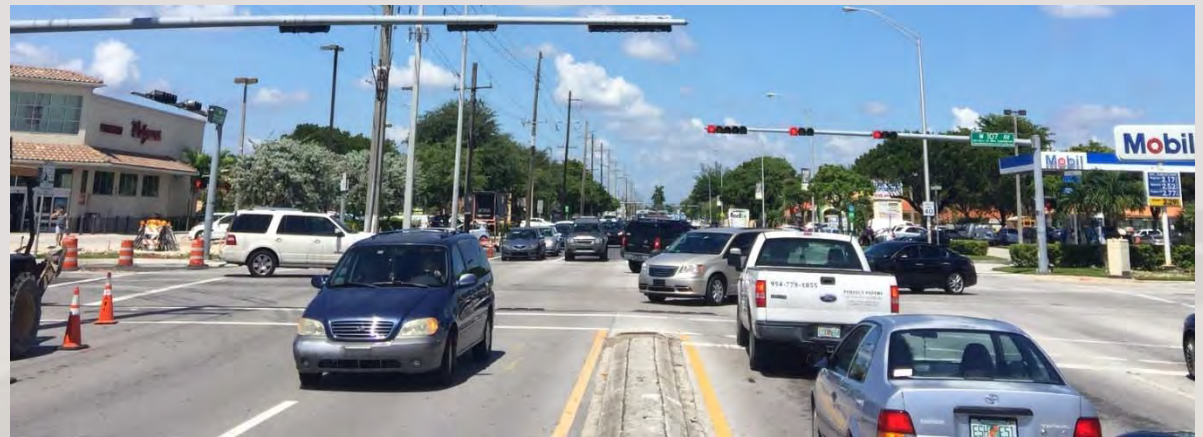
## Project Description – Study Corridor Now...

### Segment 4 – 107<sup>th</sup> Avenue to 122<sup>nd</sup> Avenue

- Transitioning section
- Metrobus, limited sidewalks
- 4 to 6 lanes



NW 12<sup>th</sup> Street & 11<sup>th</sup> Avenue Looking West



Flagler Street & 107<sup>th</sup> Avenue Looking West





## Project Description – Study Corridor Now...

**1** SW 107<sup>th</sup> Avenue from SW 11<sup>th</sup> Street to North of W. Flagler Street

**2** W. Flagler Street and SW 1<sup>st</sup> Street from 27<sup>th</sup> Avenue to 6<sup>th</sup> Avenue



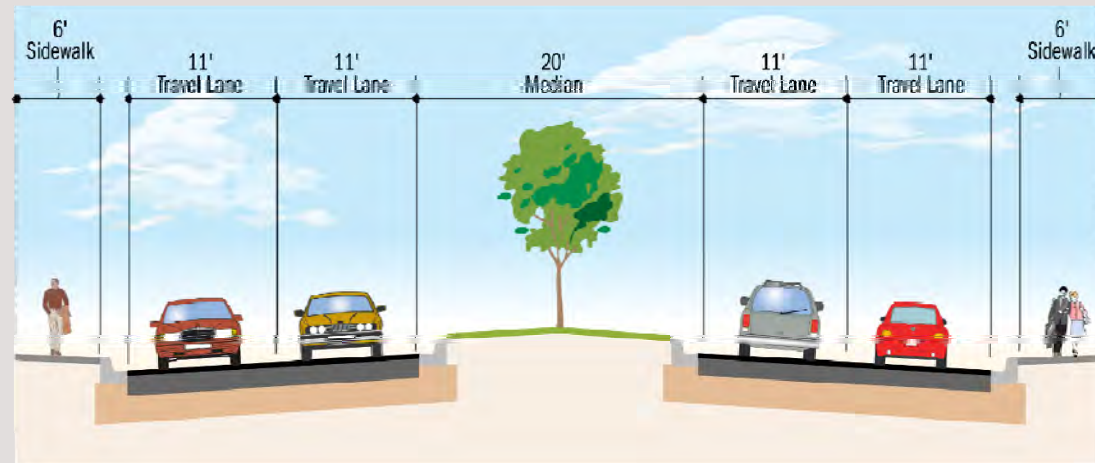
## 1 SW 107<sup>th</sup> Avenue from SW 11<sup>th</sup> Street to North of W. Flagler Street

- New bike lane
- Additional travel lane in each direction
- Additional left turn lanes
- Bridge replacement
- Lighting
- Landscaping

ROW

### Existing Conditions

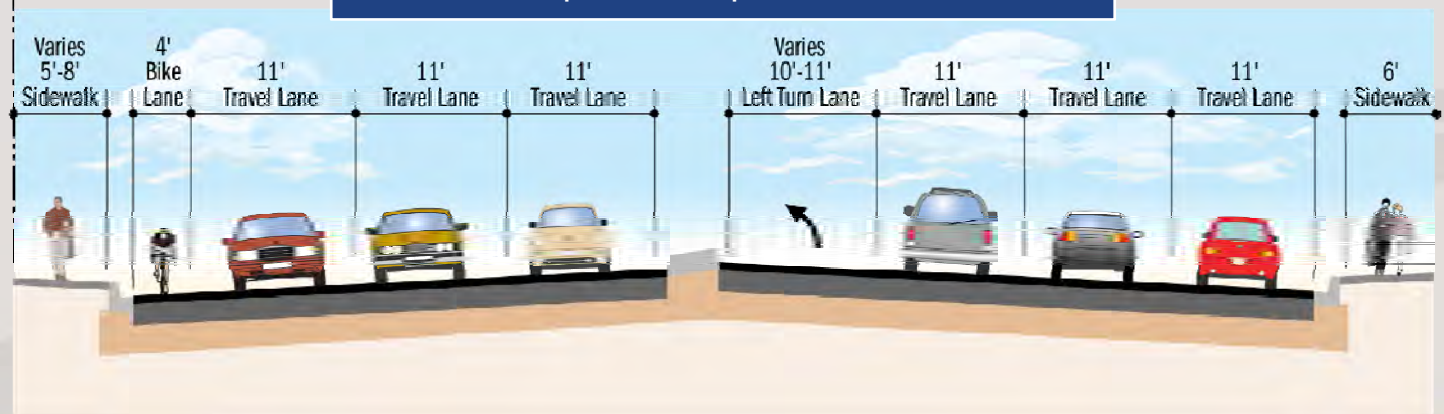
ROW



ROW

### Proposed Improvements

ROW



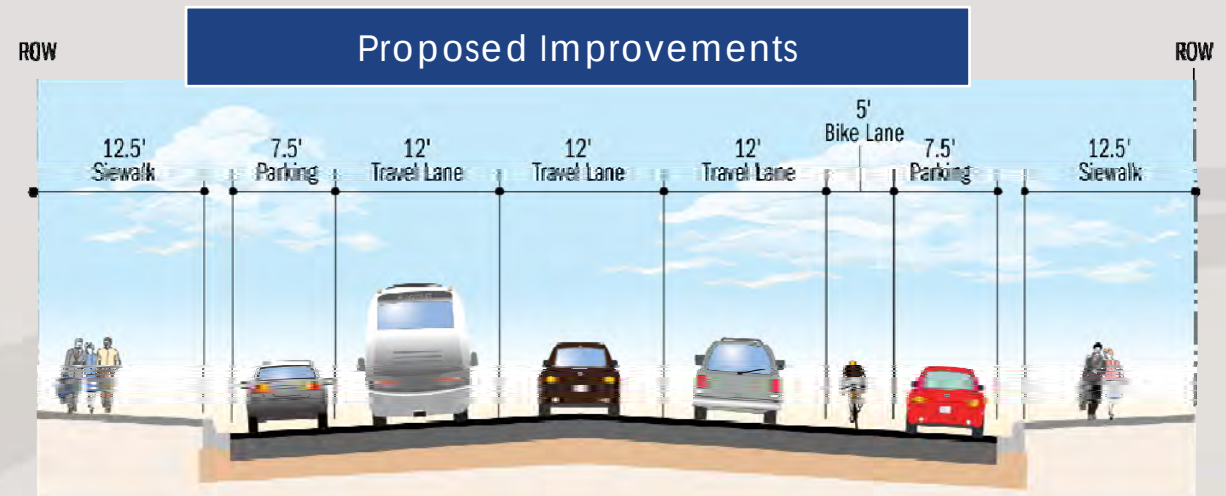
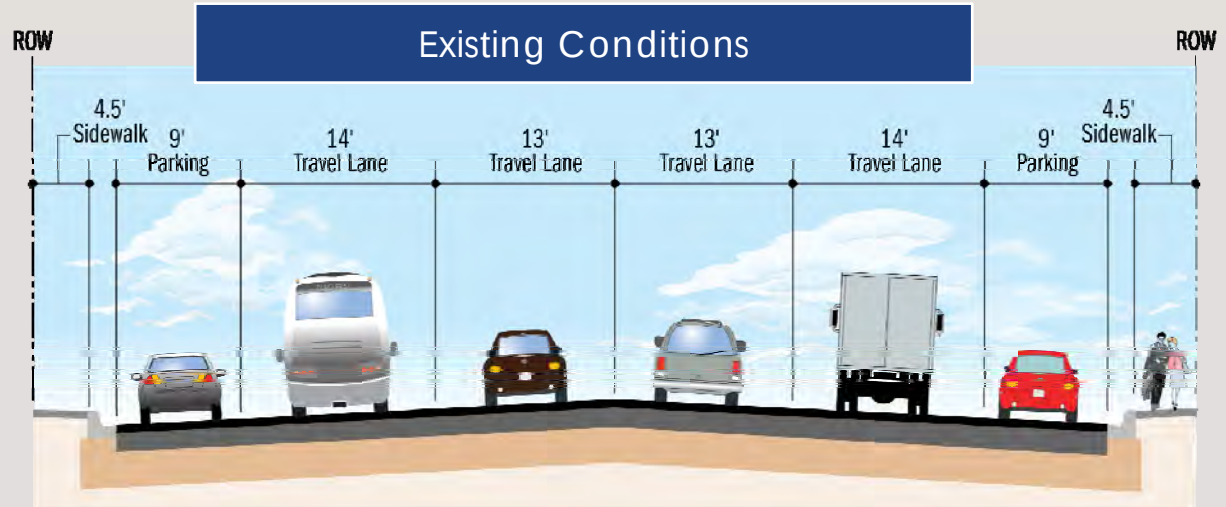


## Project Description – Study Corridor Now...

2

W. Flagler Street and SW 1<sup>st</sup> Street  
from 27<sup>th</sup> Avenue to 17<sup>th</sup> Avenue

- Within Existing ROW
- Wider sidewalks
- New bike lane
- Narrower travel lanes







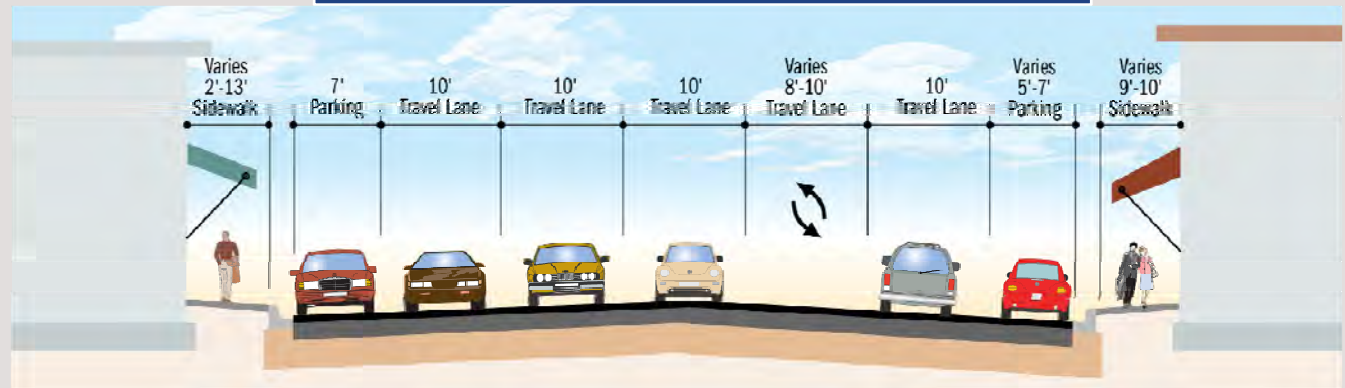
## Project Description – Study Corridor Now...

2

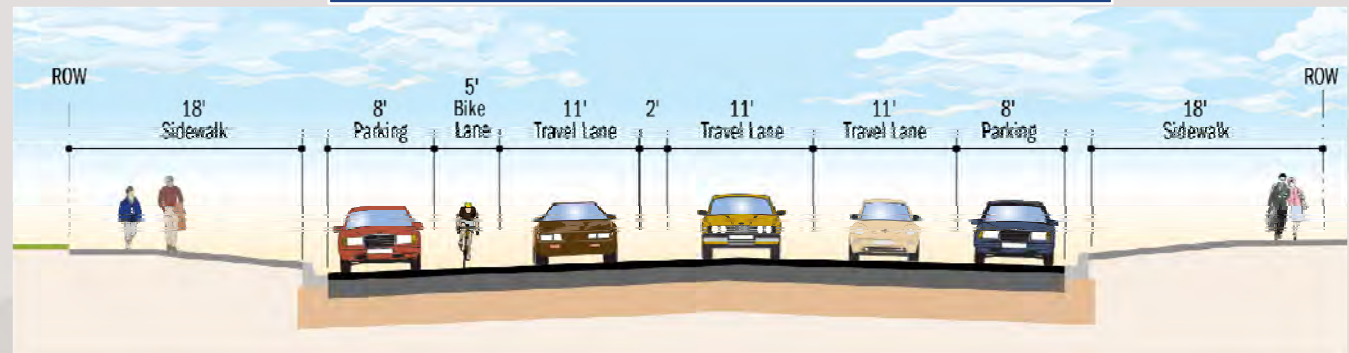
W. Flagler Street and SW 1<sup>st</sup> Street  
from 17<sup>th</sup> Avenue to 6<sup>th</sup> Avenue

- Within Existing ROW
- Wider sidewalks
- New bike lane
- Wider parking width
- Wider travel lanes
- Conversion of EB lane to WB

### Existing Conditions



### Proposed Improvements



1

Flagler Street selected as the first corridor of the Bus Express Rapid Transit (BERT) Network

2

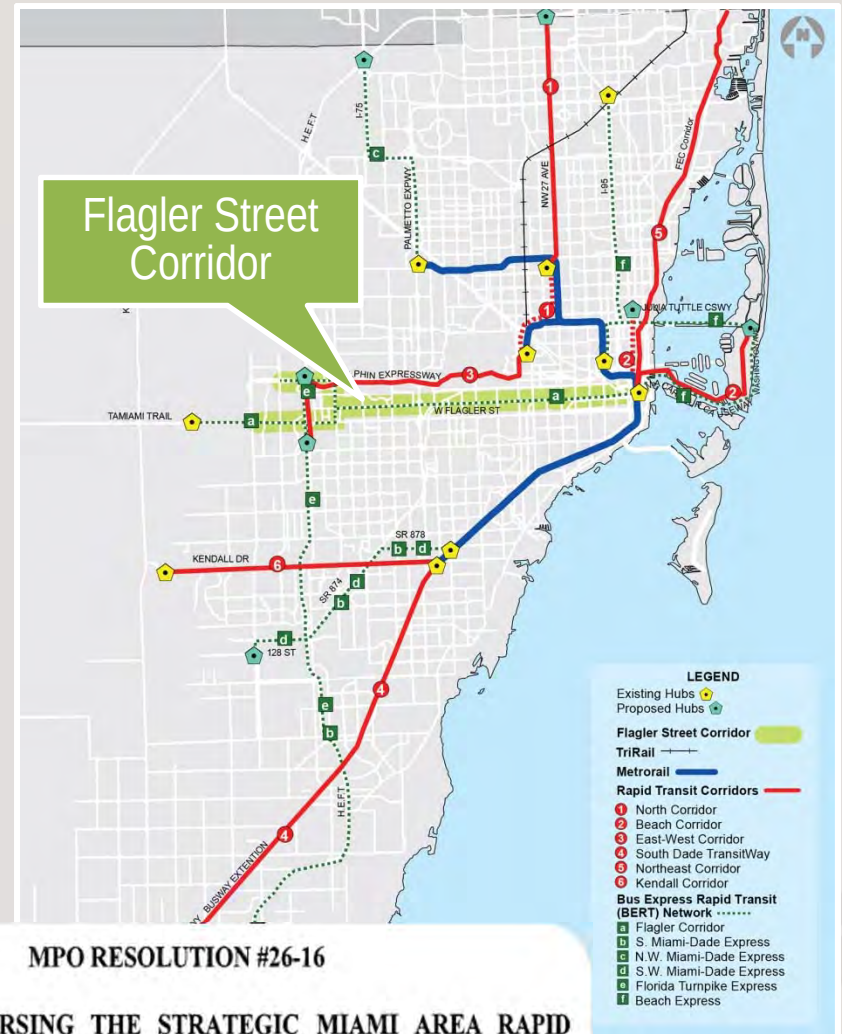
High levels of traffic congestion

3

Opportunity to serve major activity centers

4

One of the highest transit ridership in the County



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



## Project Description – Purpose and Goals

### ■ Project Purpose

- Provide multimodal improvements to accommodate Premium Transit along the corridor

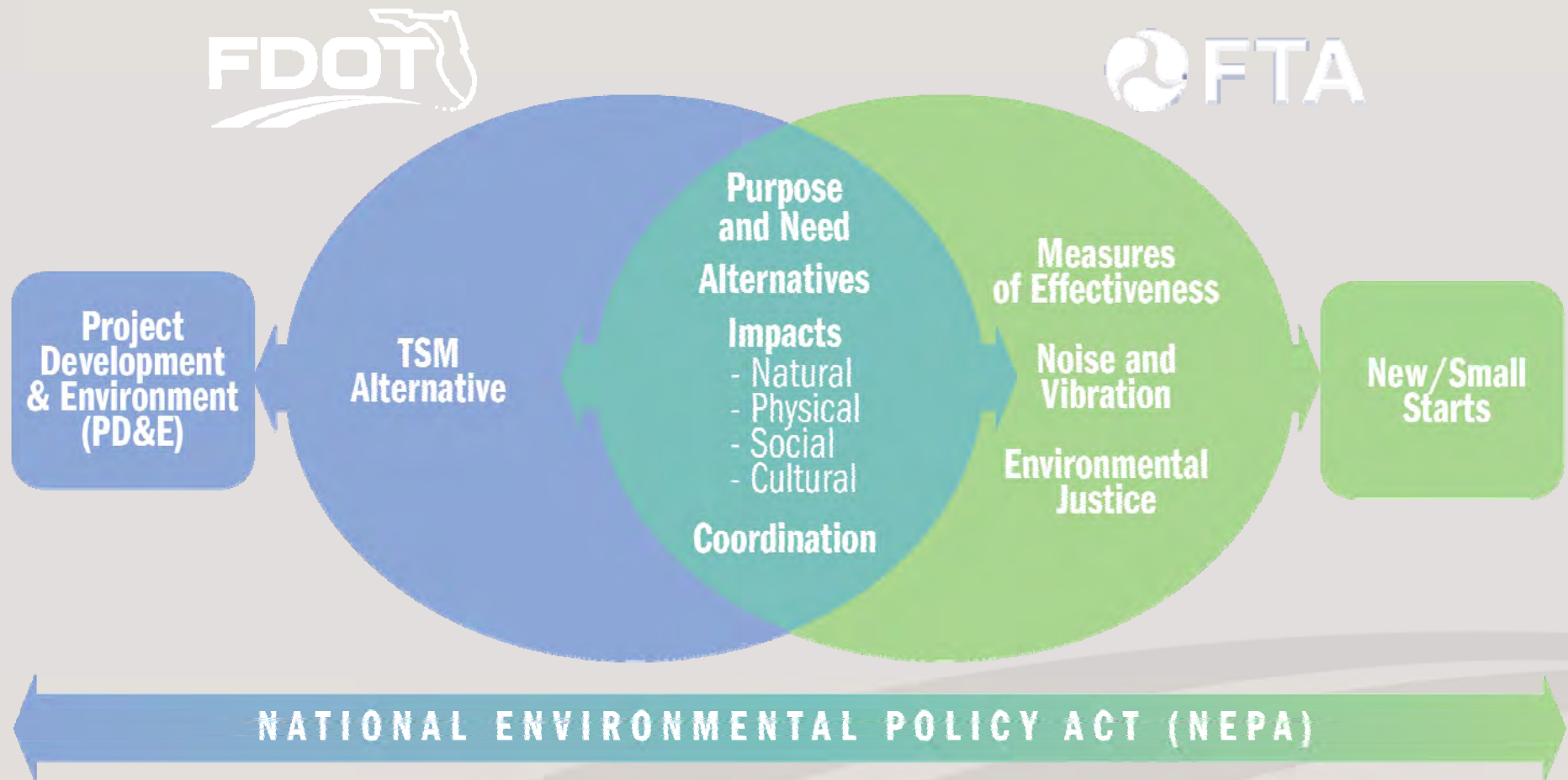
### ■ Project Goals

- Enhance mobility choices by offering alternate transportation option with competitive travel times
- Enhance transit service and better connections with existing Metrorail and Metrobus routes
- Provide better access to Downtown Miami, Mall of the Americas, Florida International University, and Dolphin Mall
- Increase potential for economic development and employment opportunities





## Study Process – Blended Process





# Study Process – Study Elements



## Data Collection

Review of all existing corridor conditions



## Engineering Analysis

Develop alternatives that meet the project goals



## Environmental Evaluations

Identify potential impacts to social, natural, and physical environments



## Public Involvement

Continuous outreach and coordination with community and stakeholders

# Study Process – Data Collection/Existing Conditions

## Data Collection



Review of all existing corridor conditions



Assess and Document the Issues

- Roadway Geometry
- Safety
- Traffic
- Transit
- Drainage
- Structures
- Land-use
- Environmental
- Socio-economic





## Engineering Analysis

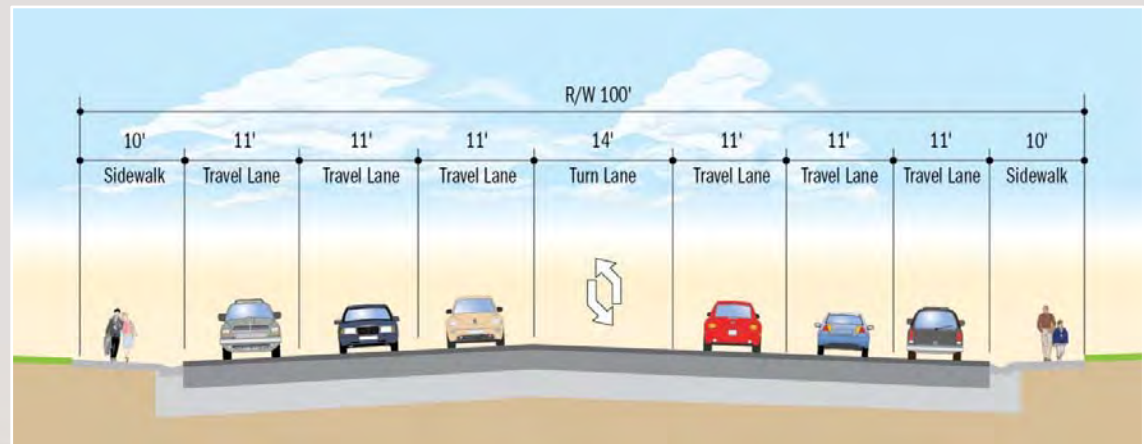


Develop alternatives that meet the project goals



Identify solutions that address the issues

- Conceptual design
- Drainage
- Utilities
- Typical Sections
- Right-of-Way



**Flagler Street** – From SW 107th Avenue to SW 87th Avenue



# Engineering Analysis - Premium Transit

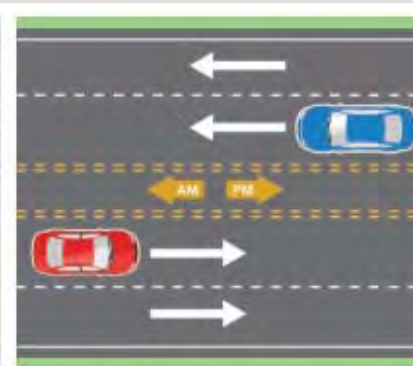
Enhanced bus with increased customer convenience than a regular bus



Exclusive or  
Bus Only  
Lanes



Exclusive Transit Lane



Reversible Transit Lane

Reversible  
Lanes

## Environmental Evaluations



Identify potential impacts to social, natural, and physical environments



Develop solutions that minimize impacts

Social Resources

Socio-cultural Effects Evaluation Report

Relocation Potential

Cultural Resources

Recreational, Section 4(f)

Wetlands and Essential Fish Habitat

Water Quality

Special Designations

Wildlife and Habitat

Farmlands

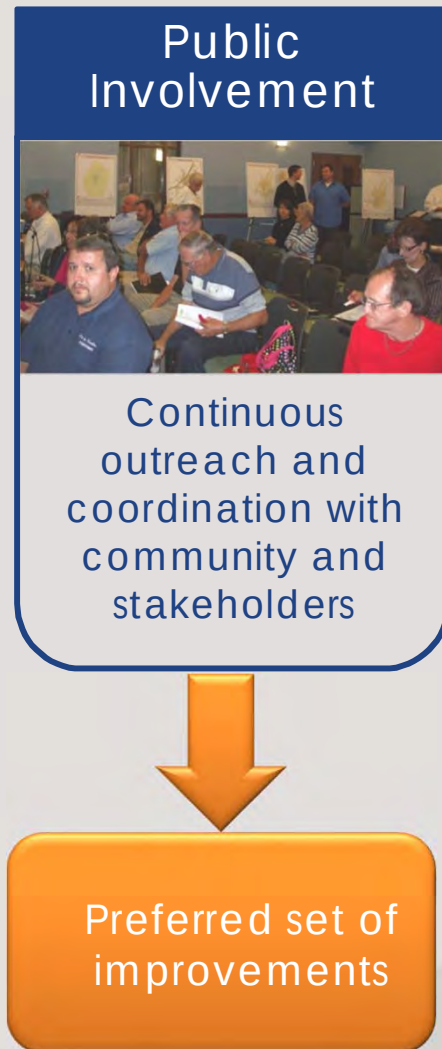
Noise

Air Quality

Contamination



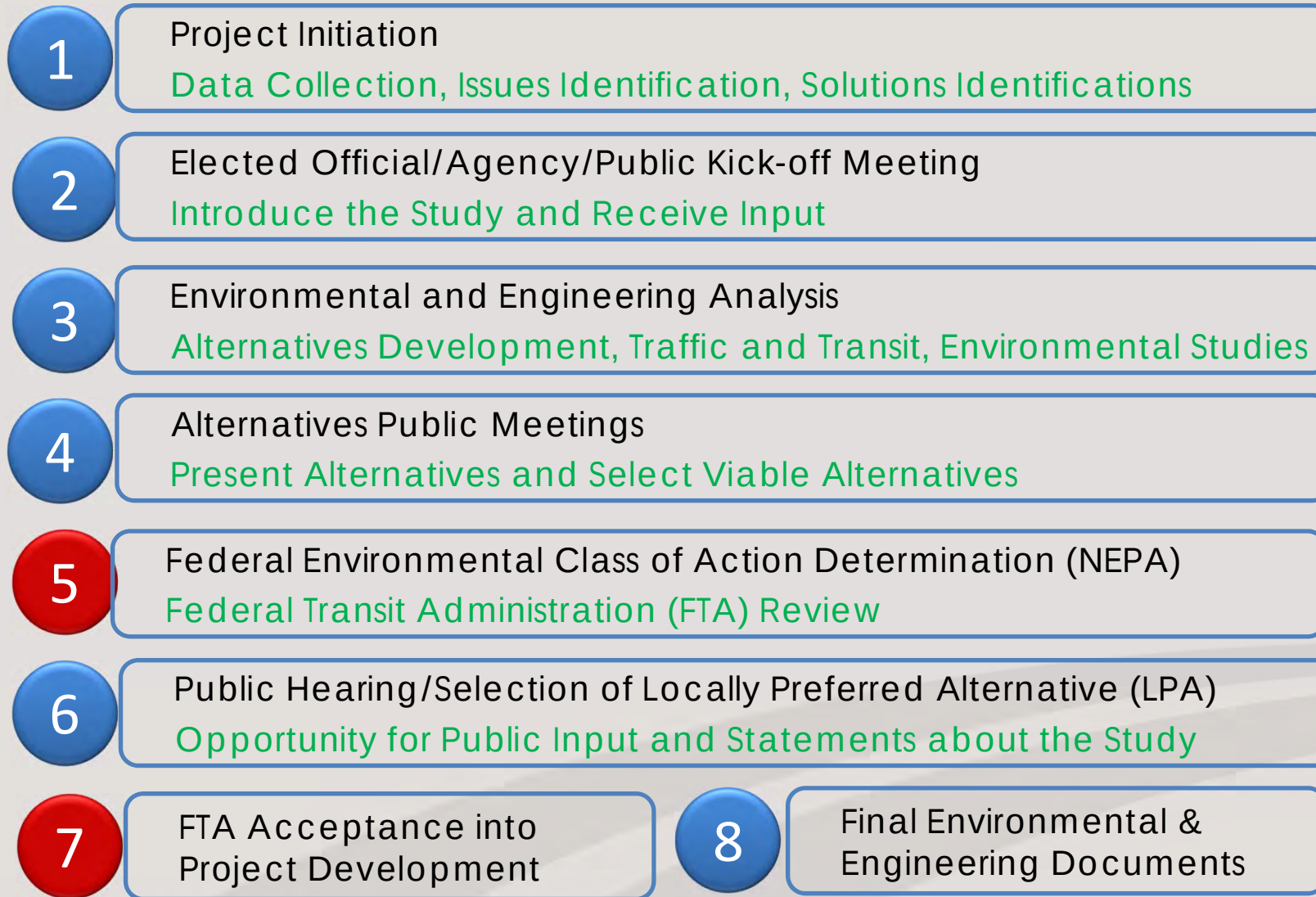




- Agency and Official Kick-off Meeting
- Public Kick-off Meeting
- Corridor Workshops
- Alternatives Public Meetings
- Project Advisory Committee Meetings
- Technical Advisory Committee Meetings
- Other Stakeholder Meetings



## Study Process – Overall Steps



Public Involvement



# Project Schedule

| Major Project Tasks                                        | 2016   |        |      | 2017   |        |        |      | 2018   |        |        |
|------------------------------------------------------------|--------|--------|------|--------|--------|--------|------|--------|--------|--------|
|                                                            | Spring | Summer | Fall | Winter | Spring | Summer | Fall | Winter | Spring | Summer |
| Project Initiation                                         |        |        |      |        |        |        |      |        |        |        |
| Elected Officials/Agency/Public Kick-Off Meeting           |        |        |      |        |        |        |      |        |        |        |
| Environmental and Engineering Analysis                     |        |        |      |        |        |        |      |        |        |        |
| Alternatives Public Meetings                               |        |        |      |        |        |        |      |        |        |        |
| Identify Recommended Alternatives                          |        |        |      |        |        |        |      |        |        |        |
| Federal Environmental Class of Action Determination (NEPA) |        |        |      |        |        |        |      |        |        |        |
| Draft Preliminary Engineering Report (PER)/CatEx (CE)      |        |        |      |        |        |        |      |        |        |        |
| Public Hearing                                             |        |        |      |        |        |        |      |        |        |        |
| Selection of Locally Preferred Alternative (LPA)           |        |        |      |        |        |        |      |        |        |        |
| FTA Acceptance into Project Development                    |        |        |      |        |        |        |      |        |        |        |
| Final Engineering and Environmental Documents              |        |        |      |        |        |        |      |        |        |        |
| Public Involvement - TOC, PAC, Workshops, Mtgs             |        |        |      |        |        |        |      |        |        |        |





## Staying Informed and Engaged

### Stay Informed:

#### Project Website:

[FDOTmiamiDade.com/FlaglerPremiumTransit](http://FDOTmiamiDade.com/FlaglerPremiumTransit)

### Get Involved:

#### Contact:

##### **FDOT Project Manager**

Teresita Alvarez, PE

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telephone: 305.640.7557

##### **Public Information Officer**

Alexandra Medina

email: [amedina@mrgmiami.com](mailto:amedina@mrgmiami.com)

telephone: 786-607-3002



Project Advisory  
Committee (PAC)

# *Your Feedback!*

- What is important to you?
- Where are the problems?
- What are your concerns?