



# Beach Corridor Rapid Transit Project

December 17, 2018, Kick-Off Meeting

**Department of Transportation and Public Works**

**Open House Format- Review Boards/Ask Questions 6:00- 6:15 pm**

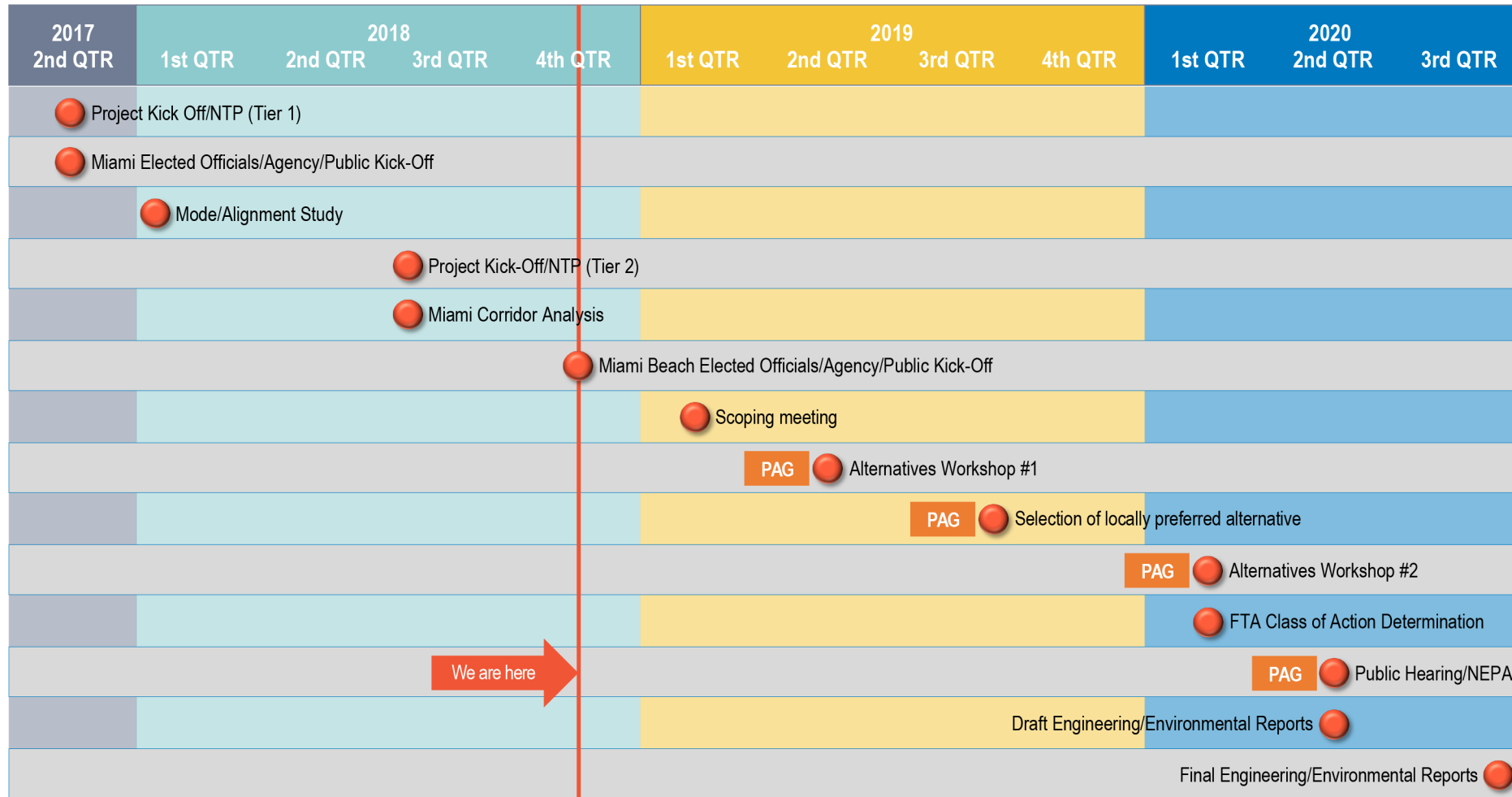
**Presentation - 6:15 pm**



# Meeting Agenda

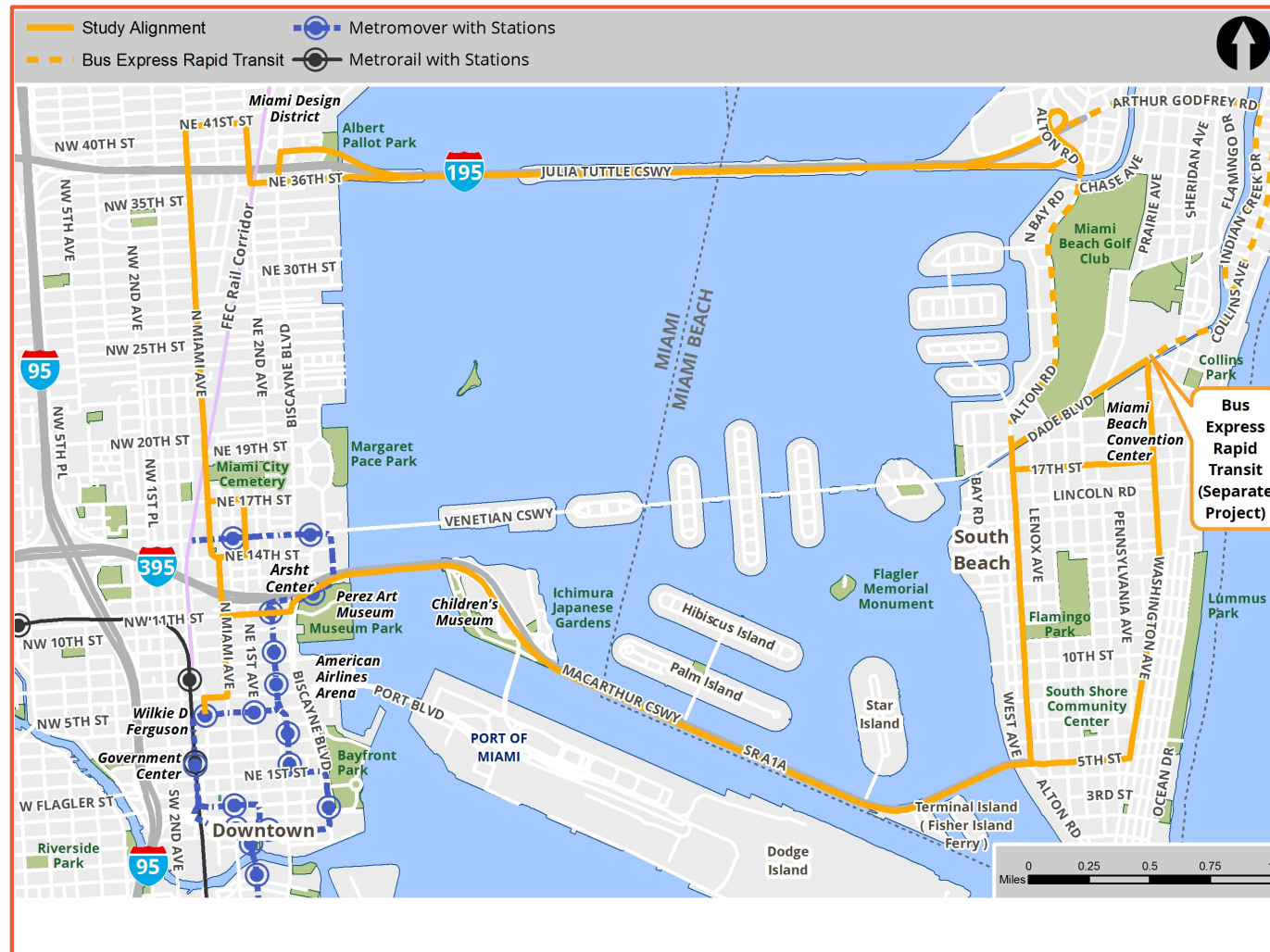
- Project Overview
- Project Scope
- Project Process
- Project Milestones
  - Tier 1 Analysis Results
  - Miami Corridor Analysis Results
- Project Team

# Project Overview – Schedule\*



\*Assumes an Environmental Impact Statement (EIS)

# Project Overview – Project Location



- Selected as one of the six SMART Plan Rapid Transit Corridors
- Major East-West Connection
- High levels of traffic congestion
- Need to serve major regional economic engines





# Project Overview – Project Goals

- Provide direct, convenient and comfortable rapid transit service to existing and future planned land uses
- Provide enhanced transit interconnections
- Promote pedestrian and bicycle-friendly solutions



# Project Overview – Expanded Miami Beach Area

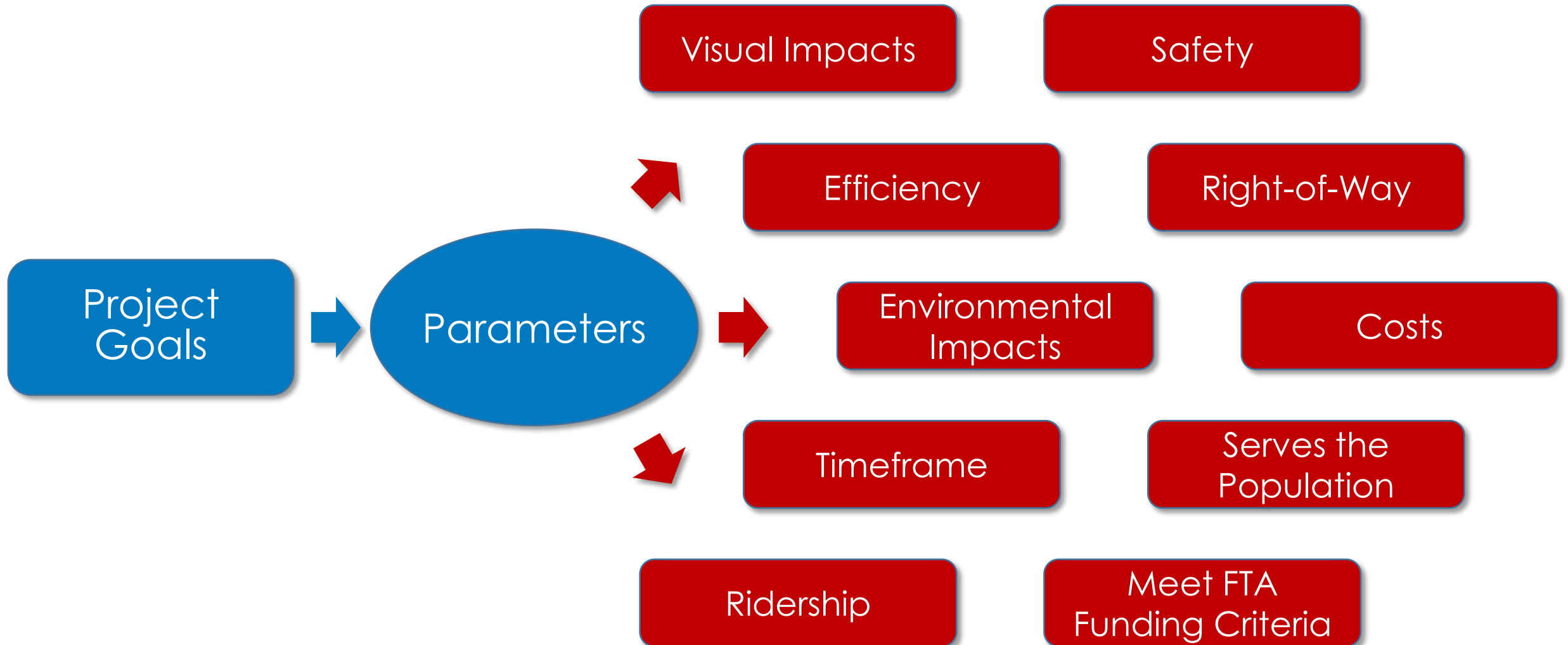
- **June 2015:** TPO study reaffirms 2004 Locally Preferred Alternative (LPA) for light rail from Downtown to Miami Beach
- **July 2016:** Miami Beach endorses moving forward with the environmental analysis for the Miami Beach Light Rail/ Modern Streetcar Project
- **July 2016:** FDOT, Miami, Miami Beach, and Miami-Dade County enter into a Memorandum of Understanding for the County's preliminary development of a light rail/modern streetcar project connecting their communities

# Project Overview – Expanded Miami Beach area

- **December 2016:** Miami Beach approves Resolution 2016-29690 which:
  - Supports Bus Express Rapid Transit Service and the County's development of a light rail/modern streetcar across the MacArthur Causeway;
  - Requires formal action by the Miami- Dade County Board of County Commissioners, confirming that the County has committed to proceed in a binding way, including a funding plan, with respect to the County's Beach Corridor Project and the connection across the MacArthur Causeway, prior to City Commission approval of any Interim Agreement for the Miami Beach Light Rail/ Modern Streetcar Project;
  - Continues to pursue all available funding options, including the City's potential eligibility for federal funding for the City Project, as well as funding from the State of Florida and Miami- Dade County;
  - Requires approval of any final Comprehensive Agreement by a majority of the voters voting in a City-wide referendum.



# Project Scope



# Project Process

## Planning

Identify long range transportation goals, define purpose and need, consider potential environmental issues, conduct screening of options, conduct work meetings with local governments, and initiate public involvement.

## Project Development & Environment (PD&E)

Refine the purpose and need, develop alternatives to meet the needs, evaluate environmental impacts, evaluate cost estimates, consider input from the public, and identify the Locally Preferred Alternative.

**WE ARE  
HERE**

## Design

Prepare construction plans, and identify right of way requirement.

## Right of Way

Acquire the needed property, and provide relocation assistance when needed.

## Construction

Oversee project construction, conduct inspection of materials, and manage impact to minimize disruption of traffic.

## Revenue Service

Begin revenue service operations and maintain facility lighting, pavement, bridges, signs, etc

### Beach Corridor Rapid Transit Milestone Schedule\*

**Miami/Miami Beach  
Kickoff**  
Summer 2017/  
Fall 2018

**Alternatives  
Workshop #1**  
Spring 2019

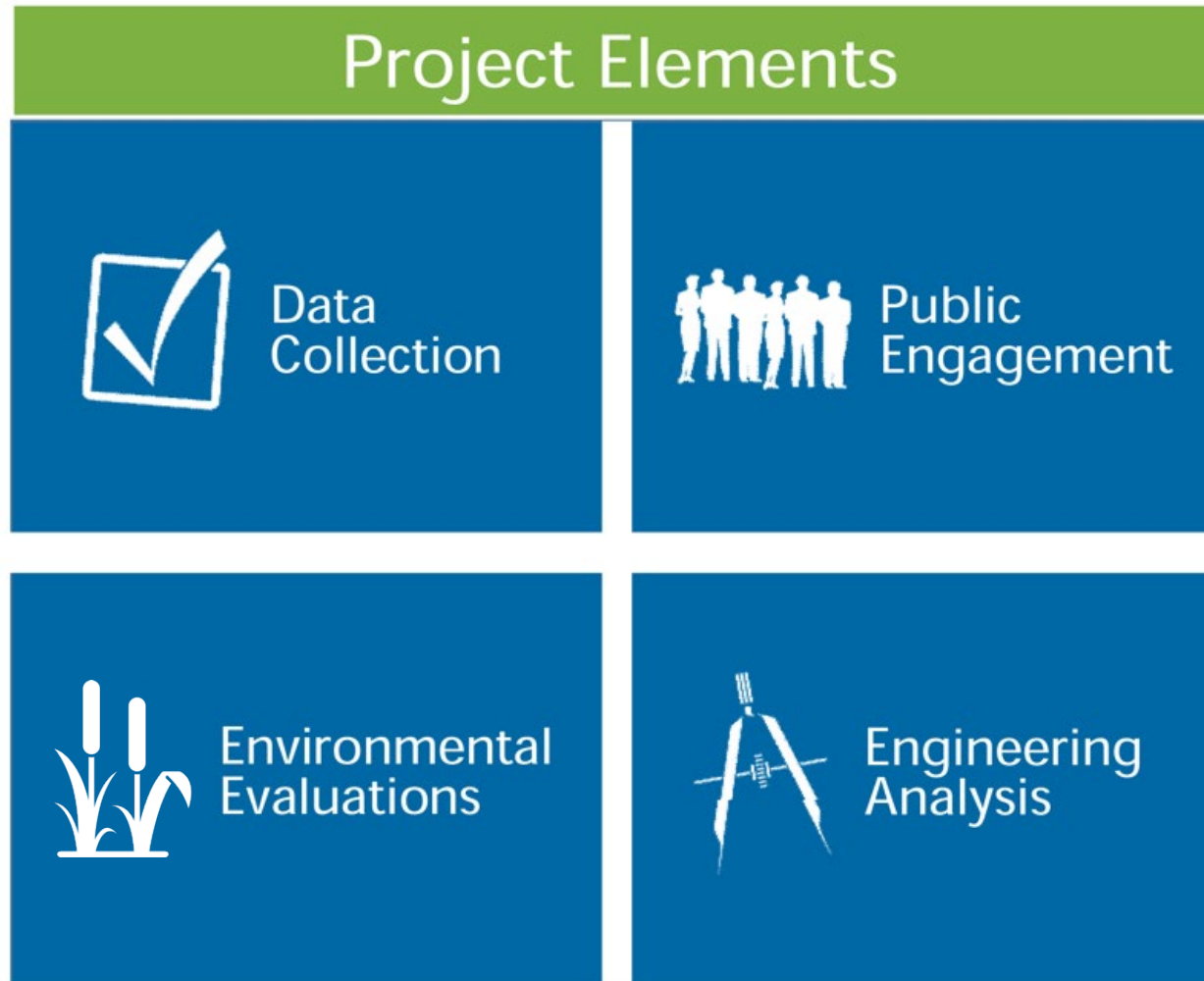
**Identify Locally  
Preferred  
Alternative**  
Summer 2019

**Alternatives  
Workshop #2**  
Winter 2019

**Public  
Hearing (NEPA)**  
Summer 2020

\*Assumes Environmental Impact Statement (EIS)

# Project Process



# Project Process

## Engineering Analysis

Develop alternatives that  
meet the project goals



Identify challenges and  
provide solutions



# Project Process

## Environmental Evaluation

Identify potential impacts  
to social, natural, and  
physical environments



Develop solutions to  
minimize impacts





# Project Process

## Public Engagement

Continuous outreach and  
coordination with  
community and  
stakeholders



Identify preferred set of  
improvements



Kick-off Meetings  
Alternatives Workshops  
Project Advisory Group Meetings  
Public Hearing





# Project Milestones

- May 2017 to July 2018
  - Completed Tier 1 Analysis
  - Completed Miami Corridor Analysis
- August 2018
  - Began Tier 2 Analysis
  - Inclusive of Miami Beach and I-195
  - Including new Personal Rapid Transit (PRT) mode



# Project Milestones: Tier 1 Analysis Results

- Eliminated dedicated lane options south of I-395
- Eliminated Aerial Cable Transit and Heavy Rail Transit technologies
- Recommended technologies to move forward into Tier 2
  - Monorail
  - Metromover/AGT
  - BRT/Express Bus
  - LRT/Streetcar












Aerial Cable Transit



Heavy Rail Transit

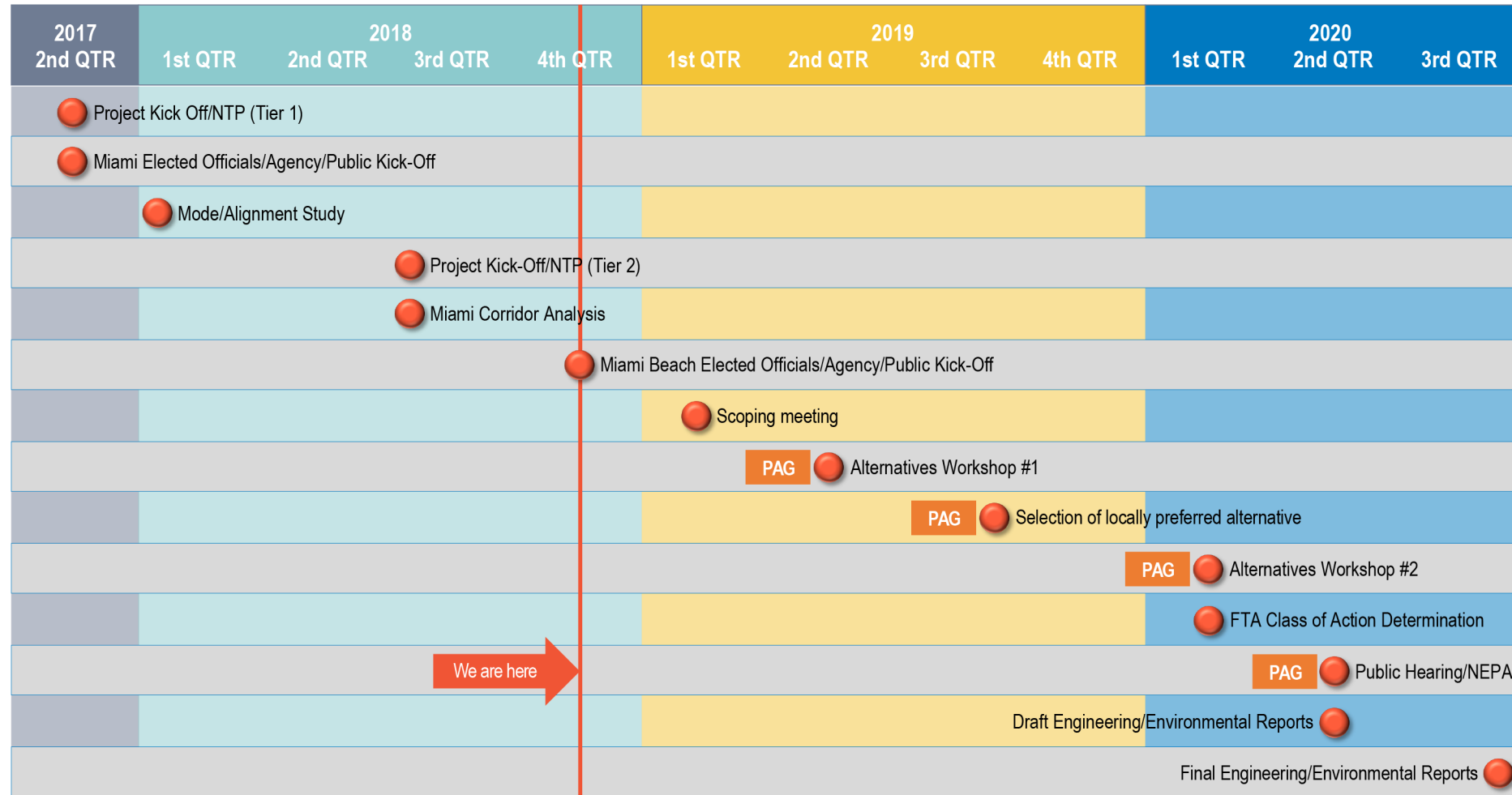
# Project Milestones: Miami Corridor Analysis Results

- Analyzed Miami Avenue, Biscayne Boulevard, NE 2nd Avenue
- Criteria: Public impact, Engineering, Environmental

Corridor Comparison			
	North Miami Avenue	NE 2 <sup>nd</sup> Avenue	Biscayne Boulevard
Environmental Impacts			
Transportation / Ridership			
Engineering Feasibility			

 Best    Medium    Worst

# Schedule\*



\*Assumes an Environmental Impact Statement (EIS)

# Project Team

## For more information:

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# Your feedback is important!