

Palm Beach TPA Peer Exchange



Miami-Dade Transportation
Planning Organization

Strategic Miami Area Rapid Transit “SMART” Plan

Aileen Bouclé, AICP

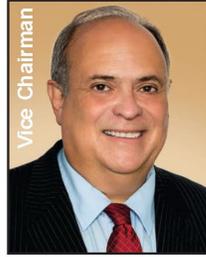
Miami-Dade TPO Executive Director

March 18, 2022

Governing Board Members



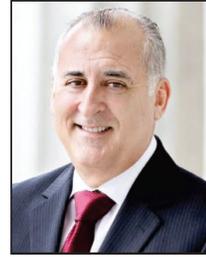
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Miami-Dade County



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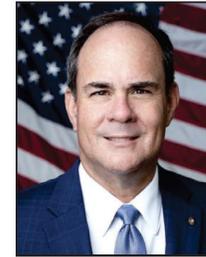
Sally A. Heyman
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Eileen Higgins
Miami-Dade County



Vince Lago
City of Coral Gables



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City of Homestead



Roberto Martell
Municipal Rep.



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Miami-Dade County



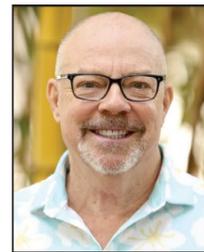
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Jean Monestime
Miami-Dade County



Raquel A. Regalado
Miami-Dade County



David Richardson
City of Miami Beach



Rebeca Sosa
Miami-Dade County



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Miami-Dade County



Francis Suarez
City of Miami



Eulois Cleckley, Director and CEO
Miami-Dade County Department of
Transportation & Public Works



Stacy L. Miller, P.E., District Secretary
Florida Department of Transportation
District Six



Javier A. Betancourt, Executive Director
Citizens' Independent Transportation Trust

SMART Plan SMART Region

Six (6) Rapid Transit Corridors

- ✓ Beach
- ✓ East-West
- ✓ Kendall
- ✓ North
- ✓ Northeast
- ✓ South

(1) Project Development & Environment Phase

(2) Implementation Plan for each corridor

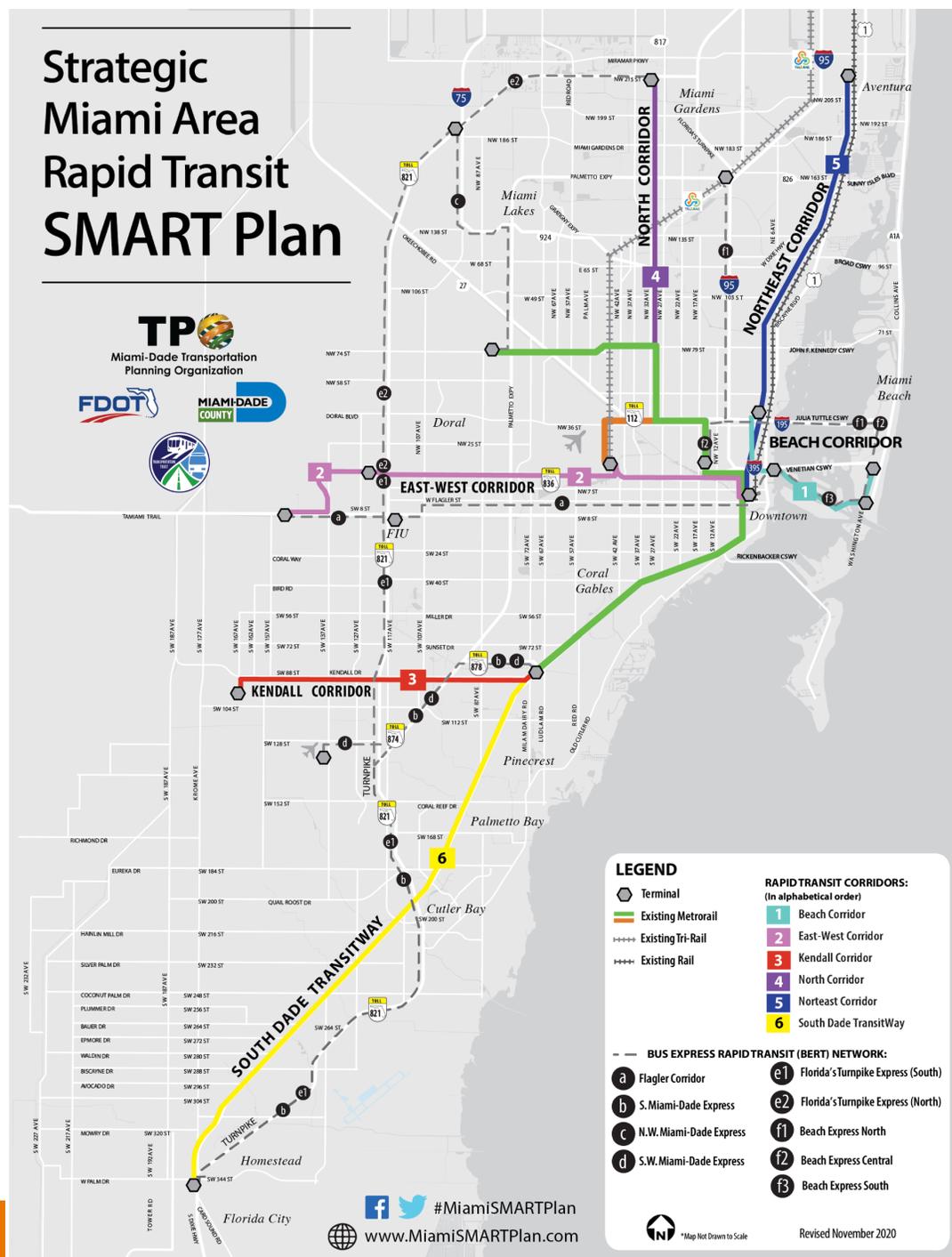
Six (6) Bus Express Rapid Transit Corridors

- ✓ Beach Express
- ✓ Flagler Street
- ✓ Florida Turnpike
- ✓ NW Miami-Dade Express
- ✓ S Miami-Dade Express
- ✓ SW Miami-Dade Express

Over 90 miles of express bus network

Supported by the TPO Governing Board, Miami-Dade County, Municipalities, State and multiple entities

Strategic Miami Area Rapid Transit SMART Plan



LEGEND

- Terminal
- Existing Metrorail
- Existing Tri-Rail
- Existing Rail

RAPID TRANSIT CORRIDORS:
(In alphabetical order)

- 1 Beach Corridor
- 2 East-West Corridor
- 3 Kendall Corridor
- 4 North Corridor
- 5 Northeast Corridor
- 6 South Dade TransitWay

BUS EXPRESS RAPID TRANSIT (BERT) NETWORK:

- a Flagler Corridor
- b S. Miami-Dade Express
- c N.W. Miami-Dade Express
- d S.W. Miami-Dade Express
- e1 Florida's Turnpike Express (South)
- e2 Florida's Turnpike Express (North)
- f1 Beach Express North
- f2 Beach Express Central
- f3 Beach Express South

Map Not Drawn to Scale
Revised November 2020

Strategic Miami Area Rapid Transit (SMART) Plan

THE THREE PILLARS

CHOICE

COMMUNITY

CONNECTIVITY

THE SMART PLAN

WHY IS THE SMART PLAN SO CRITICAL?

The SMART Plan includes rapid transit corridors and express bus routes to increase connectivity for approximately **77%** of Miami-Dade County residents that travel outside their residential district for employment to other areas of the County.

SMART PLAN FACTS

1.7 MILLION
RESIDENTS

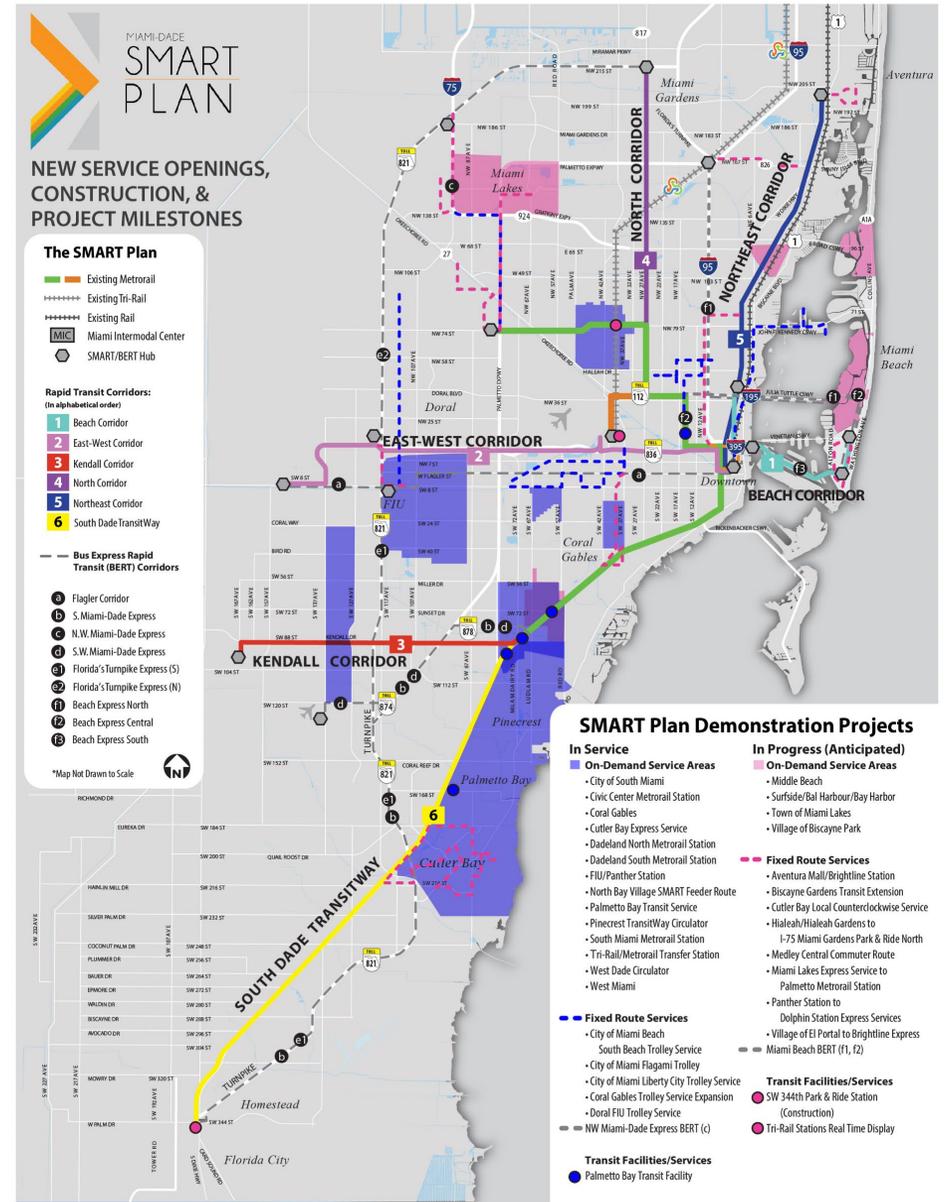
More than half of the County's population live within 2-miles of SMART Plan Corridors.

855,000
JOBS

Are located within a 2-mile radius of SMART Plan Corridors.

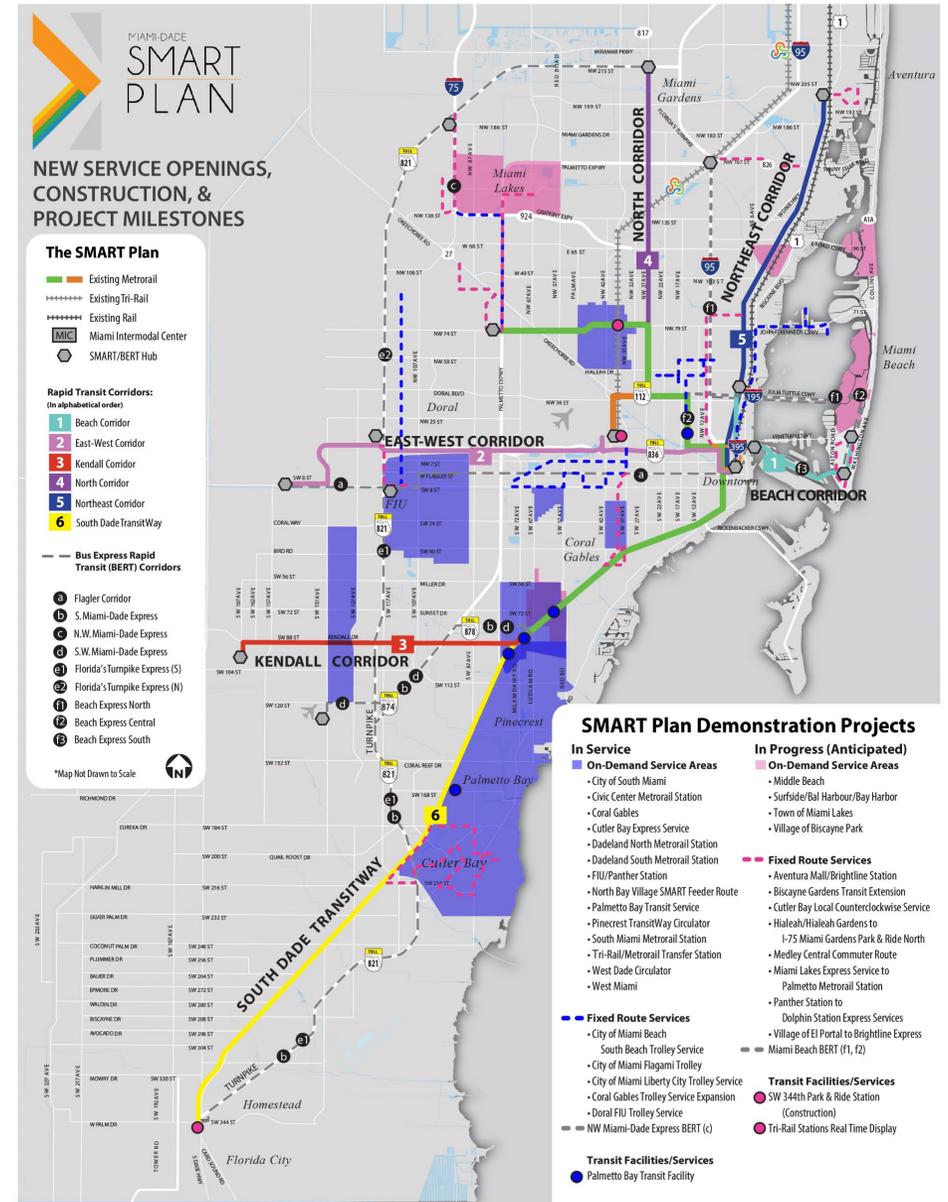
In Service Demonstration Program Projects

- City of Miami Beach South Beach Trolley Service – **November 2017**
- City of Miami Flagami Trolley – **July 2018**
- City of Miami Liberty City Trolley Service – **August 2019**
- Doral FIU Trolley Service – **August 2018**
- Coral Gables On-Demand Service – **January 2019**
- Pinecrest Transitway Circulator – **January 2019**
- North Bay Village SMART Feeder Route – **July 2019**
- Palmetto Bay Transit Service – **July 2019**
- Palmetto Bay Transit Facility – **March 2019**
- West Miami On-Demand Service – **August 2020**
- FIU/Panther Station On-Demand Service – **September 2020**
- Area On-Demand Services:
 - South Miami Metrorail Station – **October 2020**
 - Dadeland North Metrorail Station – **October 2020**
 - Dadeland South Metrorail Station – **October 2020**
 - Civic Center Metrorail Station – **February 2021**
- Cutler Bay Express Service – **December 2020**
- City of South Miami On-Demand Service – **December 2020**
- Aventura Mall/Brightline Station – **May 2021**
- West Dade Circulator On-Demand Service – **February 2021**
- Coral Gables Trolley Service Expansion
- Tri-Rail/Metrorail Transfer Station On-Demand Service – **August 2021**



In Progress Demonstration Program Projects

- Miami Lakes Express Service to Palmetto Metrorail Station – **Fall 2021**
- Village of El Portal to Brightline Express Service – **Fall 2021**
- Medley Central Commuter Route – **Fall 2021**
- Biscayne Gardens Transit Extension – **Fall 2021**
- Surfside/Bal Harbour/Bay Harbor On-Demand Service – **Fall 2021**
- Panther Station to Dolphin Station Express Service – **Fall 2021**
- Hialeah/Hialeah Gardens to I-75 Miami Gardens Park & Ride – **Fall 2021**
- Cutler Bay Local Counterclockwise Service – **Spring 2022**
- Middle Beach On-Demand Service – **Approved June 2021**
- Tri-Rail Stations Real Time Displays – **Approved June 2021**
- Village of Biscayne Park On-Demand Service – **Approved June 2021**
- SW 344th Park & Ride Station (Construction) – **2024**



Miami-Dade County SMART Demonstration Program Quarterly Monitoring Reports

RIDER SATISFACTION:

- ✓ Ridership per Quarter
- ✓ Ridership Growth Percentage

RETURN ON TRANSIT INVESTMENT:

- **Cost Per Revenue Mile:** *Average Cost per Revenue Mile for the Reporting Period*
- **Route Productivity:** *Average Weekday Scheduled Revenue Hours for Reporting Period*



The Miami-Dade Transportation Planning Organization (TPO), in partnership with the Florida Department of Transportation, the Citizen's Independent Transportation Trust, the Department of Transportation and Public Works and municipalities throughout Miami-Dade County has coordinated to advance the SMART Plan with the opening of numerous SMART Plan Demonstration projects. These demonstration projects focus on increasing first-last mile connectivity to existing and future SMART Plan transit stations and on-demand and enhanced integration of transit services at county and municipal levels.



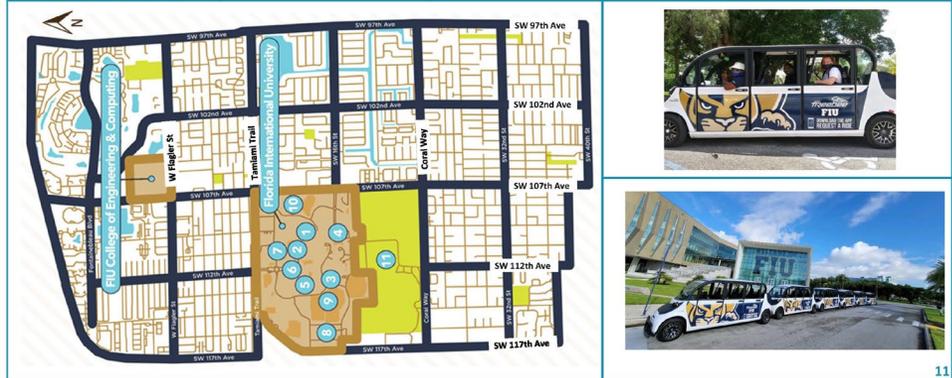
PROJECT DESCRIPTION

The FIU/Panther Station On Demand Service provides First-Last Mile On-Demand Transit Service connectivity to a 2-mile service area around FIU/Panther Station. Service area includes the Fontainebleau neighborhood to the north, SW 40 Avenue to the south, SW 97 Avenue to the east and SW 117 Avenue to the west.

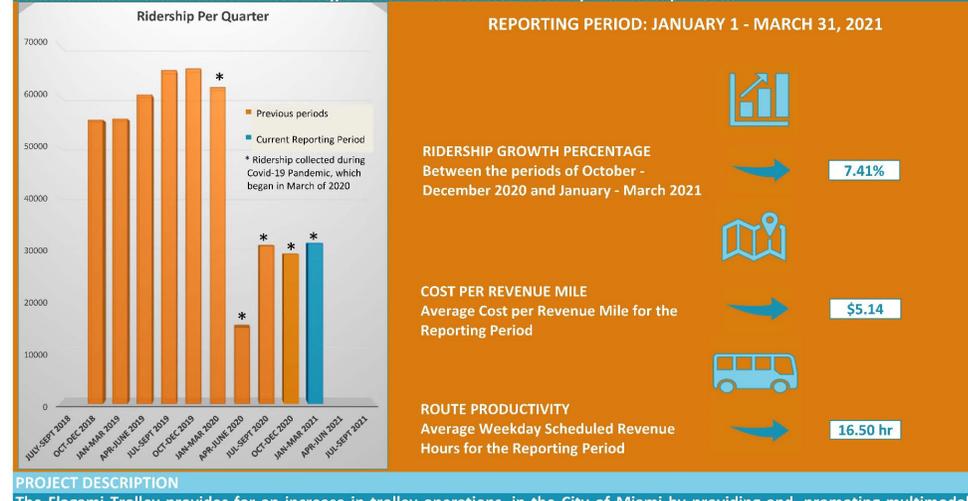
SMART PLAN CONNECTIVITY

Provides connectivity to Panther Station and the East-West Corridor

SERVICE SCHEDULE	TPO APPROVAL	TOTAL FUNDING	FUNDING SUMMARY
ON DEMAND SERVICE Monday - Friday 7:00 AM - 7:00 PM	June 20, 2019 (TPO Resolution #37-19)	\$405,000	Funded FY 2021 (Service Development Program) State Funded



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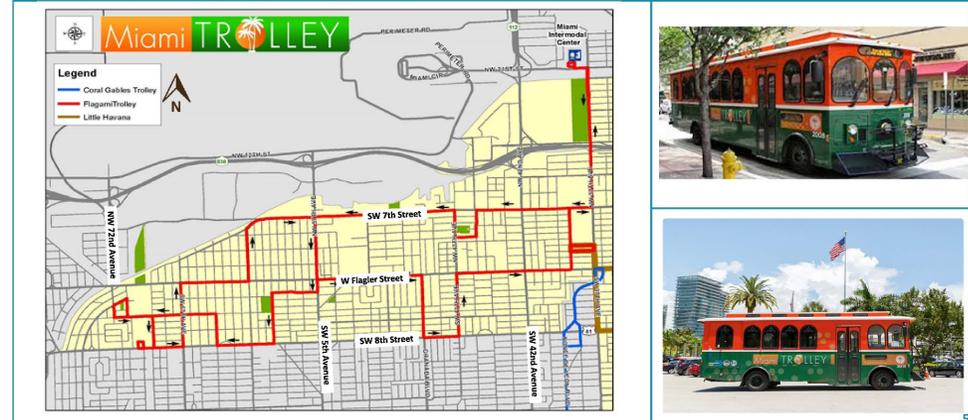
PROJECT DESCRIPTION

The Flagami Trolley provides for an increase in trolley operations in the City of Miami by providing and promoting multimodal transportation options via its connections to the Little Havana Trolley Route, the City of Coral Gables Trolley and the Miami Intermodal Center which connects to Tri-Rail, Greyhound, Airport MIA Mover and Amtrak.

SMART PLAN CONNECTIVITY

Provides connectivity to Miami Intermodal Center, with connections to Metrorail and Tri-Rail

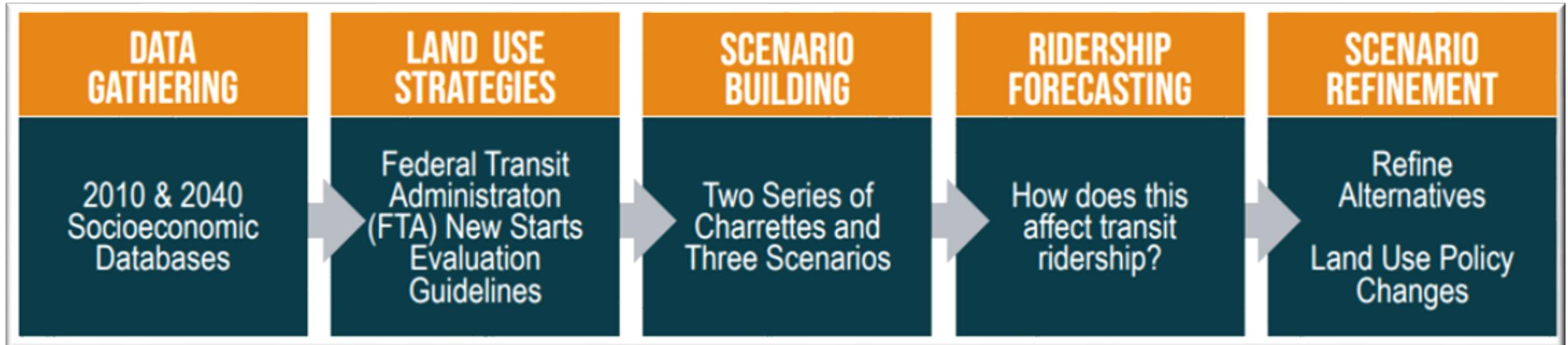
SERVICE SCHEDULE	TPO APPROVAL	TOTAL FUNDING	FUNDING SUMMARY
FLAGAMI TROLLEY Monday - Saturday 6:30 AM - 11:00 PM	June 21, 2018 (TPO Resolution #30-18)	\$3,600,000	Funded FYs 2019, 2020 & 2021 (Service Development Program) State Funds

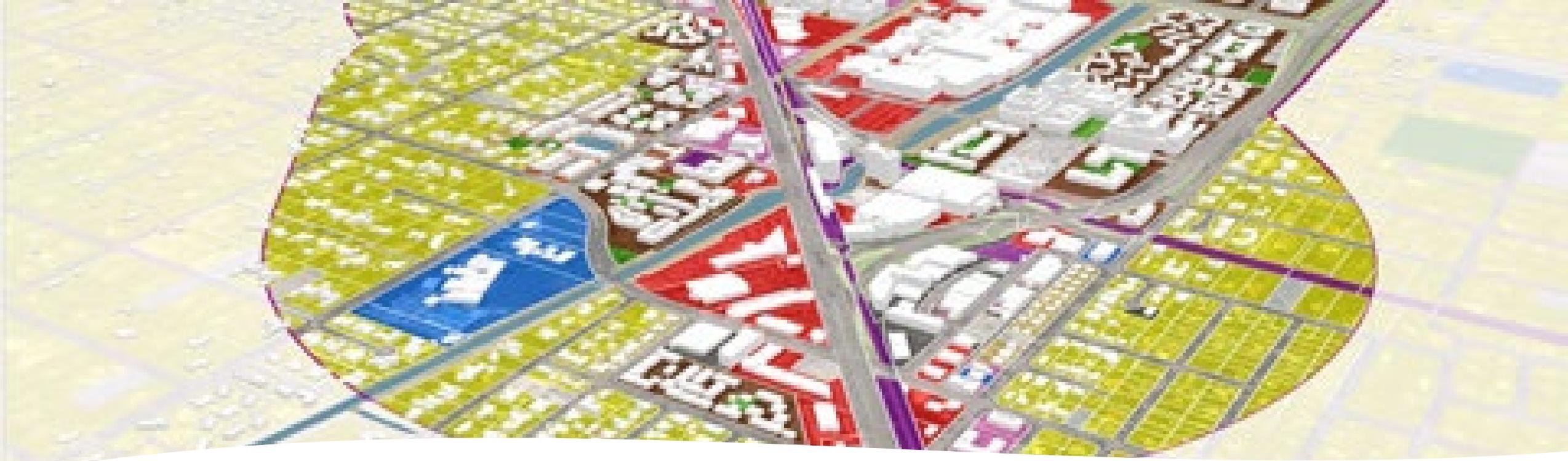


Concurrent Activities



Land Use Scenario Planning – The Process





North Corridor Preferred Land Use Scenario



110,900 (2040) to 124,500 (PS)

An increase of **13,600** in population or **12 % higher** than in 2040



30,200 (2040) to 76,000 (PS)

An increase of **45,800** jobs or over **2x higher** than in 2040

South Corridor Preferred Land Use Scenario



72,900 (2040) to 97,400 (PS)

An increase of **24,500** in population or **33 % higher** than in 2040



60,200 (2040) to 79,800 (PS)

An increase of **19,600** jobs or **32% higher** than in 2040



Miami-Dade Transportation
Planning Organization

THANK YOU!

**Aileen Bouclé, AICP
Executive Director**

www.MiamiDadeTPO.org

 #MiamiSMARTPlan