Strategic Miami Area Rapid Transit
“SMART” Plan
Florida Section ITE Annual Meeting

PLANGINEERING
Integrating Planning with Engineering for a Better Community

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Strategic Miami Area Rapid Transit “SMART” Plan

- SMART Plan Adoption
- First/Last Mile
- Demonstration Projects

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 employees are located within a 2-mile radius of SMART Plan corridors
Milestone: Adoption of the “SMART” Plan
April 21, 2016

RESOLUTION ENDORSING THE STRATEGIC MIAMI AREA RAPID TRANSIT (SMART) PLAN AND DIRECTING THE TPO 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

THE TPO EXECUTIVE DIRECTOR IS FURTHER DIRECTED TO TAKE ALL NECESSARY STEPS TO IMPLEMENT THE ATTACHED SMART PLAN.

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

WHEREAS, in 2002, the electors of Miami-Dade County approved the imposition of a one-half percent surtax with the purpose of improving, among other things, mass transit within the County through the People’s Transportation Plan; and

WHEREAS, the People’s Transportation Plan included eight rapid transit corridors located throughout Miami-Dade County; and

WHEREAS, on February 16, 2016, the MPO Governing Board unanimously approved a policy to set as highest priority for this community the advancement of Rapid Transit Corridors and transit supportive projects in Miami-Dade County; and

WHEREAS, the Metropolitan Planning Organization Transit Solutions Committee has, over the past several months, received and considered input from transportation partner agencies, elected officials, and the public at large; and

WHEREAS, the Metropolitan Planning Organization Transit Solutions Committee has reviewed the proposed Strategic Miami Area Rapid Transit (SMART) Plan and has forwarded the proposal with a favorable recommendation; and

WHEREAS, the Metropolitan Planning Organization remains committed to the development of these rapid transit corridors,

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA, that the attached Strategic Miami Area Rapid Transit (SMART) Plan is hereby endorsed. The Governing Board of the Metropolitan Planning Organization hereby directs the MPO Executive Director to work with the Fiscal Priorities Committee to determine the costs and potential sources of funding for Project Development and Environment Study for said projects. The MPO Executive Director is further directed to take all necessary steps to implement the attached SMART Plan.
Within 2-mile radius of SMART Plan corridors:

• 1.7 million of the County’s population live
• 855,000 employees work
• Transit Oriented Development planned
NW Miami-Dade Express Bus Express Rapid Transit (BERT)

- SMART Plan BERT Route
- Express Bus Service from I-75/Miami Gardens Park and Park & Ride Lot along I-75 and SR-826 to the Palmetto Metrorail Station
- Funded by FDOT and Operated by Miami-Dade County
Beach Express North
Bus Express Rapid Transit (BERT)

- SMART Plan BERT Route
- Design and Construction for New Express Service from the Golden Glades Interchange
- Multimodal Transportation Facility on I-95 to SR-112/I-195 and Earlington Heights Metrorail Station to and from Miami Beach Convention Center
RESOLUTION ALLOCATING CONGESTION MITIGATION AND AIR QUALITY (CMAQ) FUNDS IN FISCAL YEARS 2018 AND 2019, IN AN AMOUNT NOT TO EXCEED $800,000.00, TO IMPLEMENT THE FIRST AND LAST MILE ON-DEMAND TRANSIT SOLUTIONS DEMONSTRATION PROJECT

THAT THIS GOVERNING BOARD ALLOCATE CONGESTION MITIGATION AND AIR QUALITY (CMAQ) FUNDS IN FY 2018 AND FY 2019, IN AN AMOUNT NOT TO EXCEED $800,000.00, TO IMPLEMENT THE FIRST AND LAST MILE ON-DEMAND TRANSIT SOLUTIONS DEMONSTRATION PROJECT.
First & Last Mile

DYNAMIC ON-DEMAND TRANSIT

What: Miami-Dade will deploy real-time on-demand technology, using small transit vehicles, for a dynamically routed, on-demand transit to provide shared, near door-to-door rides for commuters and ambulatory paratransit riders connecting with Metrorail stations.

Who: procuring technology and on-demand services.

When: fall 2018

MOBILITY INNOVATION + TECHNOLOGY

SERVICE ZONES:

CIVIC CENTER
DADELAND AREA

DYNAMIC ON-DEMAND TRANSIT
FIRST/LAST MILE DEMONSTRATION SOLUTIONS
- Partnership driven:
  - Private licensing on-demand technology
  - Private transit operator
- Shared, near door-to-door rides for transit users from/to Metrorail stations within designated service areas:
  - Civic Center area
  - Dadeland area:
    - South Miami, Dadeland North and Dadeland South stations
- Real-time ride matching and dynamically routed rides
RESOLUTION ENDORSING THE STRATEGIC MIAMI AREA RAPID TRANSIT PLAN DEMONSTRATION PROJECTS AND APPROVING IDENTIFIED FUNDING FRAMEWORK TO ADVANCE SAID DEMONSTRATION PROJECTS FOR INCLUSION IN THE 2020-2024 TPO PROGRAM PRIORITIES

UPON COMPLETION OF THE THREE-YEAR PILOT PERIOD, IF THE SMART DEMONSTRATION PROJECT IS DEEMED SUCCESSFUL, THE APPROPRIATE SPONSOR ENTITY SHALL BEAR ALL COSTS ASSOCIATED WITH PROJECT CONTINUATION.

RESOLUTION ENDORSING THE STRATEGIC MIAMI AREA RAPID TRANSIT (SMART) PLAN DEMONSTRATION PROJECTS AND APPROVING IDENTIFIED FUNDING FRAMEWORK TO ADVANCE SAID DEMONSTRATION PROJECTS FOR INCLUSION IN THE 2020-2024 TPO PROGRAM PRIORITIES

WHEREAS, the Transportation Planning Organization (TPO), on February 18, 2016, adopted Resolution #06-16, which established transit as the “highest priority” for Miami-Dade County; and

WHEREAS, under Resolution #26-16, the TPO Governing Board endorsed the Strategic Miami Area Rapid Transit (SMART) Plan, which includes six (6) rapid transit corridors and a network of nine (9) bus express rapid transit (BERT) services; and

WHEREAS, the TPO Governing Board adopted Resolution #27-17, which designated specific funds for the implementation of the SMART Plan; and

WHEREAS, the TPO Governing Board adopted Resolution #14-18, which endorsed the identification and implementation of Demonstration projects that advance elements of the SMART Plan; and

WHEREAS, the TPO Transportation and Mobility Committee (TMC) reviewed the attached list (Exhibit A) of eleven (11) SMART Plan Demonstration projects and recommended favorably the endorsement of same; and

WHEREAS, the TPO Fiscal Priorities Committee (FPC) established the funding framework to advance said demonstration projects, as noted in Exhibit A. Upon completion of the three-year pilot period, if the SMART Demonstration Project is deemed successful, the appropriate sponsor entity shall bear all costs associated with project continuation; and

WHEREAS, it is the desire of the TPO Governing Board to encourage innovation and flexibility to help expedite demonstration projects that advance part or all of a SMART Plan corridor,

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE TRANSPORTATION PLANNING ORGANIZATION IN ITS ROLE AS THE MPO FOR THE MIAMI URBANIZED AREA, that this Board endorses the Strategic Miami Area Rapid Transit (SMART) Plan Demonstration Projects and approves the identified funding framework to advance said Demonstration Projects, for inclusion in the 2020-2024 TPO Program Priorities.
SMART Demonstration Projects

Express bus to South Beach? Tri-Rail in Design District? New transit plans in the works

CITIES SEEK TO PINPOINT MAJOR CLUSTERS OF RIDERS FOR NORTHEAST RAIL ROUTE

THE NEXT MIAMI

Midtown’s First Train Station Proposed On Brightline Tracks
SMART Demonstration Projects

- First/Last Mile Demonstration Solutions
- TPO Collaborating with 13 Public Agencies
- Design and Construction of new SMART Express Route
- Four new trolley service routes
- Four new on-demand service area routes
- Two new transit service stations
City of Coral Gables
Flex Route via Electric Vehicles

- First/Last Mile Connection
- Includes new service area to the West & South
- Direct Connection to Douglas Metrorail Station
City of Doral
FIU Trolley Route

• First/Last Mile Connection

• New service along 107 Ave. from the FIU Panther Station north to NW 90 Street

• Provides connectivity to Palmetto Metrorail Station and FIU Panther Station
City of Miami
Flagami Trolley Route

- First/Last Mile Connection
- Connection to Miami Intermodal Center
- Connects Coral Gables and Little Havana Routes
North Bay Village
SMART NE Corridor Feeder Route (Red)

• First/Last Mile Connection
• Connection at the Biscayne Blvd. and 79th Street Transit Station
• Improves Accessibility and Connectivity
Town of Cutler Bay
Cutler Bay Express

• First/Last Mile Connection

• Direct connections to South Dade Transitway, Dadeland South Metrorail

• Congestion relief & parking relief at Dadeland South Metrorail Station
Town of Medley
Central Commuter Route

• First/Last Mile Connection

• Connects to Palmetto Metrorail Station, Doral Trolley, & Metrobus Routes

• Provides Service to Employment Centers
Village of Miami Shores
SMARTNE Corridor Feeder Routes

- First/Last Mile Connection
- New Service with Direct Connection to the NE Corridor
- Connecting from the Village’s Community Center to the Brightline Station in Downtown Miami
Village of Palmetto Bay
New Transit Service Facility &
Express Service

- First/Last Mile Connection
- Connections to the South Dade Transitway & Dadeland South Metrorail Station
- New Transit Station in Palmetto Bay
Village of Pinecrest Transitway Circulator

- First/Last Mile Connection
- Connections to the South Dade Transitway and Dade South Metrorail Station
- Peak Hour Congestion Relief
SMART Supporters
Questions & Discussion

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www.MiamiDadeTPO.org

#MiamiSMARTPlan