

MIAMI-DADE METROPOLITAN  
PLANNING ORGANIZATION

## MPO Governing Board

### Chairman's Report

Honorable Jean Monestime

December 8, 2016



MIAMI-DADE  
METROPOLITAN PLANNING ORGANIZATION

SMART Plan Mobility Today & Tomorrow

111 NW First Street, Suite 920, Miami, FL 33128  
(305) 375-4507

[www.miamidademp.org](http://www.miamidademp.org)  
[mpo@miamidademp.org](mailto:mpo@miamidademp.org)

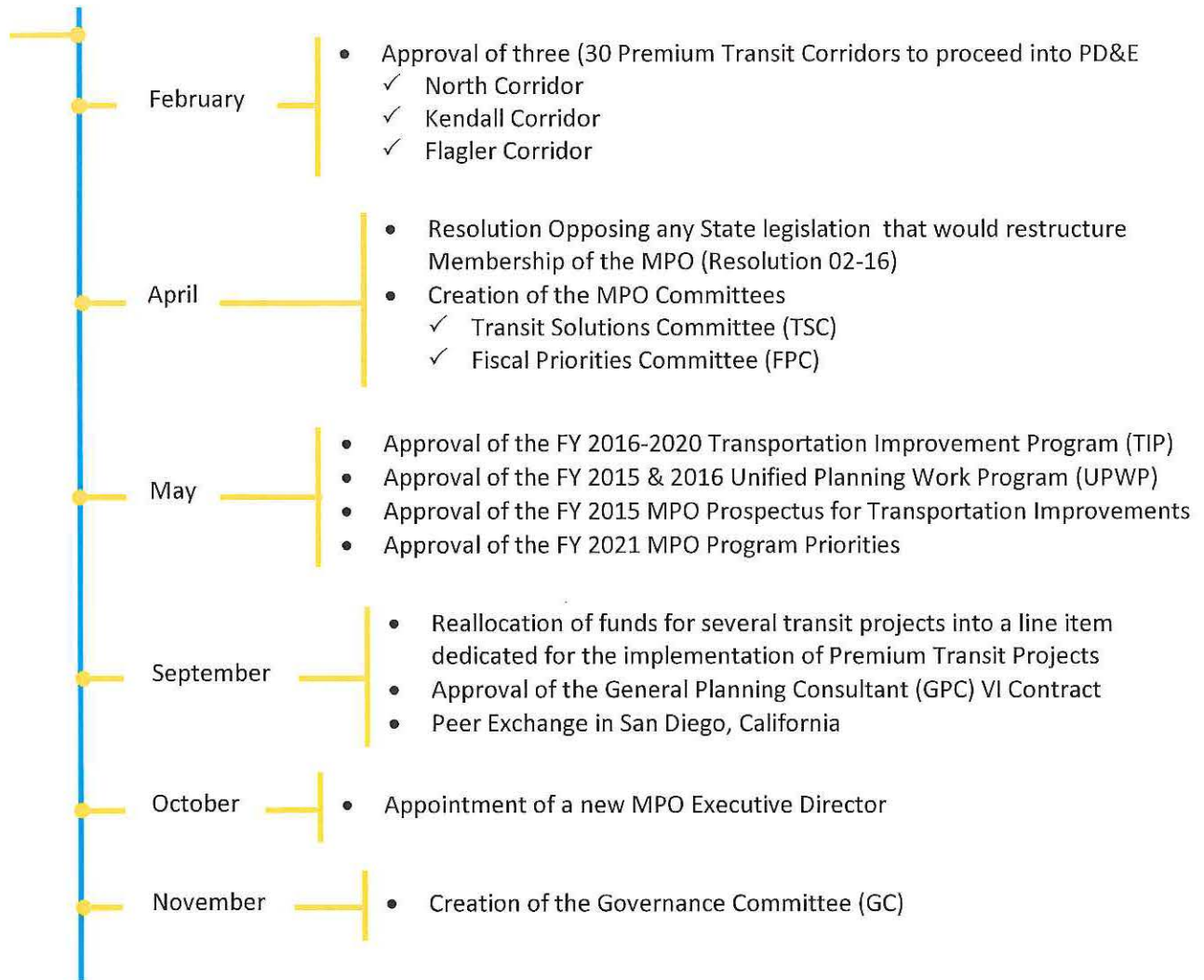


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# SUMMARY TIMELINE

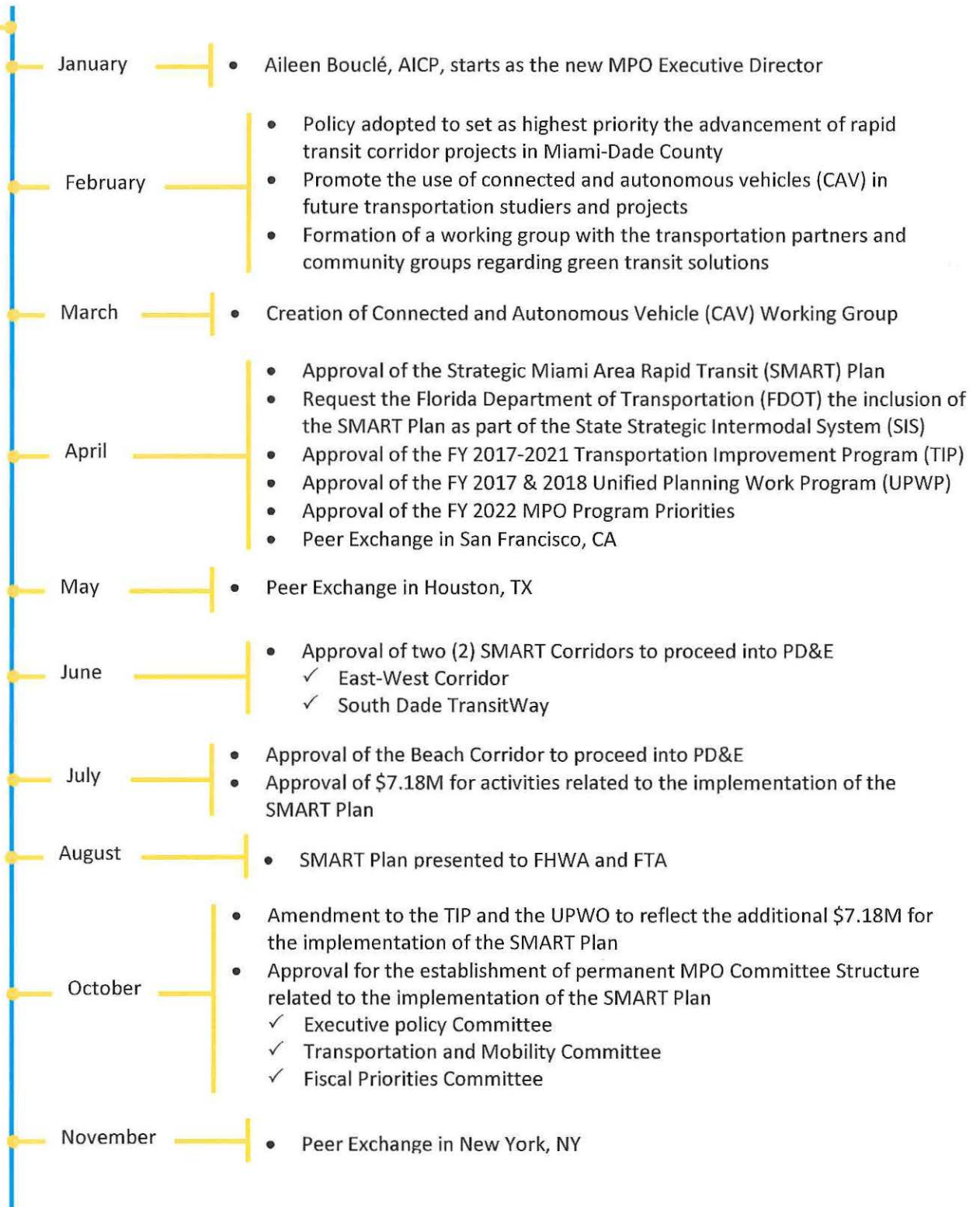
2015





## SUMMARY TIMELINE

2016



# RESOLUTIONS OF THE BOARD

YEAR	MONTH	RESOLUTION	ACTIONS
2015	January		<ul style="list-style-type: none"> <li>MPO Governing Board Workshop</li> <li>Approval of three (3) Premium Transit Corridors to proceed into PD&amp;E</li> </ul>
	February	01-15	<ul style="list-style-type: none"> <li>✓ North Corridor</li> <li>✓ Kendall Corridor</li> <li>✓ Flagler Street</li> </ul>
	April	02-15	<ul style="list-style-type: none"> <li>Opposition to any State Legislation that would restructure the Membership of the MPO</li> </ul>
	May	09-15	<ul style="list-style-type: none"> <li>Approval of the FY 2016-2020 Transportation Improvement Program (TIP)</li> </ul>
		10-15	<ul style="list-style-type: none"> <li>Approval of the FY 2015 &amp; 2016 Unified Planning Work Program (UPWP)</li> </ul>
		11-15	<ul style="list-style-type: none"> <li>Approval of the 2015 MPO Prospectus</li> </ul>
		15-15	<ul style="list-style-type: none"> <li>Approval of the MPO Program Priority for FY 2021</li> </ul>
	July	20-15	<ul style="list-style-type: none"> <li>Visit to San Diego Association of Governments (SANDAG)</li> </ul>
	September	31-15	<ul style="list-style-type: none"> <li>Reallocation of funds for several transit projects into a line item dedicated for the implementation of Premium Transit Projects</li> </ul>
		38-15	<ul style="list-style-type: none"> <li>Approval of the General Planning Consultant (GPC) VI Contract</li> </ul>
October	40-15	<ul style="list-style-type: none"> <li>Appointing of new MPO Executive Director</li> </ul>	
2016	January		<ul style="list-style-type: none"> <li>Aileen Bouclé, AICP, starts as the new MPO Executive Director</li> </ul>
	February	06-16	<ul style="list-style-type: none"> <li>Policy adopted to set as highest priority the advancement of rapid transit corridor projects in Miami-Dade County</li> </ul>
		10-16	<ul style="list-style-type: none"> <li>Promote the use of connected and autonomous vehicles (CAV) in future transportation studies and projects</li> </ul>
		13-16	<ul style="list-style-type: none"> <li>Formation of a working group with the transportation partners and community groups regarding green transit solutions</li> </ul>
	March	16-16	<ul style="list-style-type: none"> <li>Creation of Connected and Autonomous Vehicle (CAV) working group</li> </ul>
	April	26-16	<ul style="list-style-type: none"> <li>Approval of the Strategic Miami Area Rapid Transit (SMART) Plan</li> </ul>
		27-16	<ul style="list-style-type: none"> <li>Approval of the FY 2017-2021 Transportation Improvement Program (TIP)</li> </ul>
		28-16	<ul style="list-style-type: none"> <li>Approval of the FY 2017 &amp; 2018 Unified Planning Work Program (UPWP)</li> </ul>
		30-16	<ul style="list-style-type: none"> <li>Requesting the Florida Department of Transportation (FDOT) the inclusion of the SMART Plan as part of the State Strategic Intermodal System (SIS)</li> </ul>
	June	32-16	<ul style="list-style-type: none"> <li>Approval of the MPO Program Priority for FY 2022</li> </ul>
		34-16	<ul style="list-style-type: none"> <li>Approval of the PD&amp;E for the East-West Corridor</li> </ul>
		35-16	<ul style="list-style-type: none"> <li>Approval of the PD&amp;E for the South Dade TransitWay</li> </ul>
	July	40-16	<ul style="list-style-type: none"> <li>Approval of the PD&amp;E for the Beach Corridor</li> </ul>
		45-16	<ul style="list-style-type: none"> <li>Approval of \$7.18M for activities related to the implementation of the SMART Plan</li> </ul>
	October	58-16	<ul style="list-style-type: none"> <li>Amendment to the TIP and the UPWP to reflect the additional \$7.18M for the implementation of the SMART Plan</li> </ul>
		64-16	<ul style="list-style-type: none"> <li>Approval for the establishment of permanent MPO Committee</li> <li>Structure</li> </ul>

## MAJOR ACCOMPLISHMENTS

- ✓ Oppose any legislation action to change the restructure of the Membership of the MPO
- ✓ Creation of MPO Committees:
  - ✓ Transit Solutions Committee (TSC)
  - ✓ Fiscal Priorities Committee (FPC)
  - ✓ Governance Committee (GC)
- ✓ Selection of Aileen Bouclé, AICP, as the new MPO Executive Director
- ✓ Hosted the Freight Economic Roundtable with FHWA Administrator, Gregory Nadeau February 10, 2016
- ✓ Adoption of a policy to set Rapid Transit projects as the highest priority
- ✓ Approval of the SMART Plan
- ✓ Approval of the PD&Es for the six (6) SMART Corridors:
  - ✓ Beach
  - ✓ East-West
  - ✓ Kendall
  - ✓ North
  - ✓ Northeast
  - ✓ South
- ✓ Hosted an Autonomous Vehicle Exhibition, March 31, 2016
- ✓ Promote the use of new technologies, including connected and autonomous vehicles (CAV) and the creation of a CAV Working Group
- ✓ CAV Working Group Kick-off Session, September 16, 2016
- ✓ Hosted the Statewide Intermodal System Development (ISD) Team, October 26, 2016
- ✓ Approval of \$7.18M for activities related to the implementation of the SMART Plan
- ✓ Hosted the following guest speakers:
  - ✓ Stacie Blizzard, FHWA – TMA Federal Certification
  - ✓ Brian A. Blanchard, FDOT Assistant Secretary – Autonomous Vehicle
  - ✓ Bill Hattaway, FDOT District 6 Secretary – Complete Streets Initiative
  - ✓ Seleta Reynolds, General Manager LA DOT – Transit Improvements
  - ✓ Jim Wood, FDOT State Planner



# SMART PLAN

## I. Six (6) Premium Transit Corridors

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

## II. Six (6) Bus Express Rapid Transit (BERT) Network

1. Beach Express
2. Flagler Corridor
3. Florida Turnpike Express
4. NW Miami-Dade Express
5. South Miami-Dade Express
6. SW Miami-Dade Express

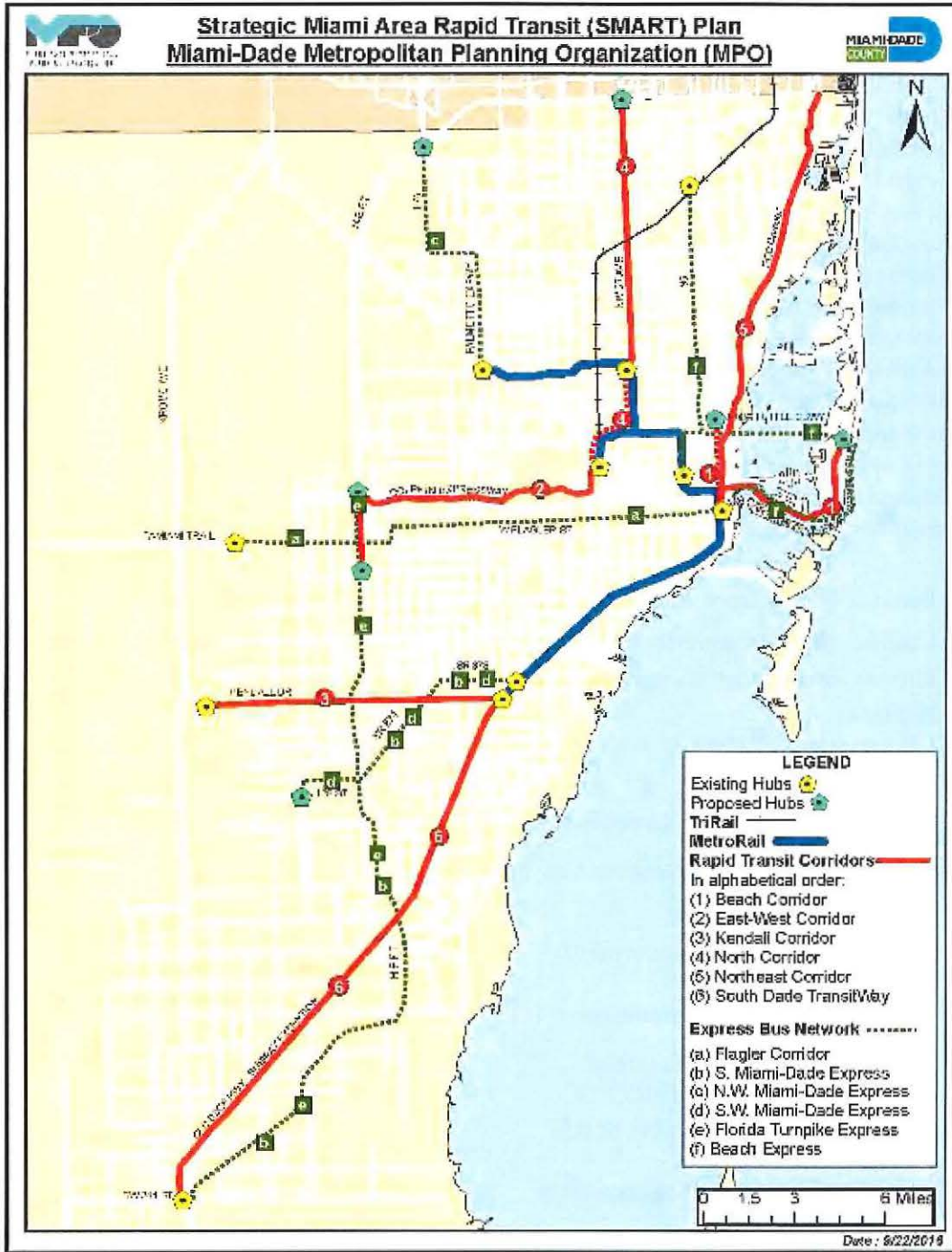
## III. Smart Video

Showing all SMART corridors and the BERT networks with the interaction to Broward, Palm Beach and Monroe Counties

## IV. Community support for the SMART Plan

- Board of County Commissioners (BCC)
- Chamber South Transportation Committee
- Citizens Independent Transportation Trust (CITT)
- Citizens Transportation Advisory Committee (CTAC)
- Coral Gables Chamber of Commerce
- Florida Department of Transportation Executive Committee
- Florida International University (FIU)
- Florida Transportation Commission (FTC)
- Gold Coast Chapter of Institute of Transportation Engineers (GCCITE)
- Greater Miami & the Beaches Hotel Association (GMBHA)
- Greater Miami Chamber of Commerce (GMCC)
- Jackson Memorial Hospital – North, South, and Main Campuses
- Latin Builders Association (LBA)
- Miami Beach Chamber of Commerce
- Miami NEAT Streets Advisory Committee
- Miami-Dade City and County Management Association (MDCCMA)
- Miami-Dade County League of Cities (MDCLC)
- Miami-Dade Expressway Authority (MDX)
- Naranja, Wynwood, and Edison Community Action Agencies (CAA)
- National Association of Women in Construction (NAWIC)
- Realtors Commercial Association (RCA) Super Conference
- South Dade Managers
- South Florida Regional Council (SFRC)
- South Florida Regional Transportation Authority (SFRTA)

# SMART PLAN



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## GOVERNANCE COMMITTEE

DESCRIPTION	MPO BOARD RESOLUTION #
Modification for designation of chairperson of the Transportation Planning Council	17-16
Endorsement of Peer Exchanges with up to three (3) of the highest performing MPO's in the nation: Bay Area Metropolitan Transportation Commission; Houston-Galveston MPO; New York Metropolitan Transportation Council	18-16
Endorsement for municipalities to sponsor at own expense interdecennial census for consideration of Board membership	21-16
Endorsement to formally establish role of the Miami-Dade County Mayor on MPO Governing Board	22-16
Modification of Consultant Contract process related to the work order assignment process	23-16
Endorsement urging Governor to appoint a municipal representative from a municipality not otherwise represented on the MPO	53-16
Endorsement of permanent MPO Committee structure <ul style="list-style-type: none"> <li>• Executive Policy Committee</li> <li>• Transportation and Mobility Committee</li> <li>• Fiscal Priorities Committee</li> </ul>	64-16

PRESENTATIONS AND REPORTS
<ul style="list-style-type: none"> <li>• Miami-Dade MPO Certification</li> <li>• Matrix Analysis of MPO's</li> <li>• FDOT Presentation on Funding and Fair Share</li> <li>• Comparison Analysis of MPO's and similar entities                             <ul style="list-style-type: none"> <li>✓ Board Composition</li> <li>✓ Committee Structure</li> </ul> </li> <li>• Presentation on Integrated Corridor Management (MDX)</li> </ul>

# FISCAL PRIORITIES COMMITTEE

DESCRIPTION	MPO BOARD RESOLUTION #
Endorsement to fund South Dade TransitWay Project Development & Environmental Study (PD&E)	34-16
Endorsement to fund East-West/SR 836 Development & Environmental Study (PD&E)	35-16
Endorsement urging FDOT to assess funding allocation to account for vehicle miles traveled	52-16
Endorsed funding of \$7,180,000.00 for Implementation Plan of SMART Plan Corridors	58-16

PRESENTATIONS AND REPORTS
<ul style="list-style-type: none"> <li>• Bus Rapid Transit</li> <li>• People’s Transportation Plan 2.0 (CITT)</li> <li>• First and Last Mile Options</li> <li>• Potential Funding Sources Matrix</li> <li>• Commissioner Xavier Suarez: 25/5 Plan</li> <li>• South Florida Regional Transit Authority (SFRTA) Report</li> <li>• Strategic Miami Area Rapid Transit (SMART) Plan: Moving Forward Together</li> <li>• Miami-Dade MPO SMART Plan Implementation Regional Funding Profiles</li> <li>• North and South Corridors Rail At-Grade Alternative</li> <li>• SMART Implementation Plan Funding Partnerships</li> </ul>

## TRANSIT SOLUTIONS COMMITTEE

DESCRIPTION	MPO BOARD RESOLUTION #
Endorsement of bicycles as a transit solution for “first and last mile” transit connection	<b>11-16</b>
Endorsed County and local municipalities to display WHEELS, INC. video on public access television channels.	<b>12-16</b>
Endorsed creation of working group regarding green transit solutions	<b>13-16</b>
Endorsement of the Strategic Miami Area Rapid Transit (SMART) Plan	<b>26-16</b>
Endorsement of travel to visit Los Angeles, California and other areas on or before January 31, 2017	<b>59-16</b>

PRESENTATIONS AND REPORTS
<ul style="list-style-type: none"> <li>• Update on the MPO Beach Corridor Transit Connection</li> <li>• Presentation by Miami-Dade County Mayor Carlos Gimenez Premium Transit</li> <li>• SMART Plan corridors (North Corridor and South Corridor)</li> <li>• Public/Private Partnerships (P3)</li> <li>• Presentation by MPO Board Member Ferre on Wheels, Inc.</li> <li>• Presentation by MPO Board Member Ferre on Plan Z for Miami</li> <li>• Presentation by Representative McGhee on Transit</li> <li>• Presentation by Chairman Moss on Express Bus Rapid Transit (BERT)</li> <li>• Presentation by Vice Chairman Suarez on City of Miami Transportation</li> <li>• Presentation by Vice Chairman Suarez on City of Miami streetcar</li> </ul>



## PEER EXCHANGES

1. Atlanta Regional Commission (ARC)
2. Denver Regional Council of Governments (DRCOG)
3. Denver Regional Transportation District (RTD)
4. Houston Galveston Area Council (H-GAC)
5. Metropolitan Atlanta Rapid Transit Authority (MARTA)
6. New York Metropolitan Transportation Council (NYMTC)
7. San Diego Association of Governments (SANDAG)
8. San Francisco Metropolitan Transportation Commission (MTC)
9. California Division FHWA and FTA Region Peer Exchange
10. Texas Division FHWA and FTA Region Peer Exchange
11. New York State FHWA and FTA Region Peer Exchange

## DOCUMENTS

1. FY 2016-2020 Transportation Improvement Program (TIP)
  - a. Over \$7.7 billion in transportation projects
2. FY 2017-2021 Transportation Improvement Program (TIP)
  - a. Over \$7.4 billion in transportation projects
3. FY 2015 & 2016 Unified Planning Work Program (UPWP)
4. FY 2017 & 2018 Unified Planning Work Program (UPWP)

## MUNICIPAL GRANT PROGRAM (MGP)

#	FY 2015 STUDIES AWARDED		FY 2017 STUDIES AWARDED	
	APPLICANT	TAP \$ AWARDED	APPLICANT	TAP \$ AWARDED
1	South Miami Pedestrian Safety and Mobility Infrastructure Improvements Plan	40,000	Doral One-Way Street Conversions Study	44,000
2	Miami Beach Boardwalk/Beachwalk Feasibility Study	40,000	Miami Beach Intermodal Hubs Feasibility Study	40,000
3	North Miami Downtown Multi-Modal Traffic Circulation Plan	100,000	North Miami Optimizing NOMI Express Routes	64,000
4	Miami Shores Multimodal Mobility Study	48,000	Doral Trolley Route Expansion Study	28,000
5	Miami Lakes Alternatives to Concurrency Study	32,000	Medley Multimodal Mobility Opportunities Study	48,000
6	Miami Little Havana Bike/Ped Mobility	40,000	Cutler Bay Complete Streets Corridor Analysis	50,000
7			Aventura Unified Master Plan for Pedestrian and Bicycle Connectivity	40,000
8			Miami Lakes Complete Streets Implementation Plan	40,000
9	<b>Total</b>	<b>300,000</b>	<b>Total</b>	<b>354,000</b>

## TRANSPORTATION ALTERNATIVES PROGRAM (TAP)

#	2015 TAP AWARDS		2016 TAP AWARDS	
	APPLICANT	TAP \$ AWARDED	APPLICANT	TAP \$ AWARDED
1	City of Coral Gables	597,670	City of Doral	1,000,000
2	City of Miami Beach	850,000	Florida International University (FIU)	1,000,000
3	Town of Miami Lakes	85,000	City of Miami	1,000,000
4	Village of Miami Shores	454,392	Miami-Dade Department of Parks, Recreation and Open Spaces (PROS)	944,046
5	Miami-Dade Department of Parks, Recreation and Open Spaces (PROS)	1,000,000	Miami-Dade Department of Transportation and Public Works (DTPW)	955,961
6	City of North Miami	597,670	City of Miami Beach	1,000,000
7	Town of Cutler Bay	996,279	City of Miami Springs	119,600
8	City of South Miami	360,640	Miami-Dade Department of Parks, Recreation and Open Spaces (PROS)	1,000,000
9	Miami-Dade Department of Transportation and Public Works (DTPW)	480,000	City of Miami	421,829
10			Village of Miami Shores	705,429
11			Town of Cutler Bay	344,260
12			Village of Virginia Gardens	1,000,000
13			City of North Bay Village	1,000,000
14			City of Doral	1,000,000
15			Town of Miami Lakes	541,494
16			City of Doral	1,000,000
17			Town of Medley	91,400
18	<b>Total</b>	<b>5,421,651</b>	<b>Total</b>	<b>13,124,019</b>
19	<b>Grand Total of \$17,545,670</b>			



## STUDIES

### COMPLETED STUDIES

#### 2015

- Beach Corridor Transit Connection Study
- Bicycle/Pedestrian Traffic Count Program
- Bus Only Lanes in Downtown Miami
- Bus Rapid Transit (BRT) Implementation Plan Along Transit Corridors
- City of South Miami Intermodal Transportation Study
- Countywide Bus Access and Transfer Facility Assessment
- Countywide Traffic Safety Program
- CSX East-West Rail Feasibility Study
- Improving Regional Transportation Planning in Miami-Dade County Via Enhanced Local Access to Healthy Living
- LeJeune Road at SW 8<sup>th</sup> Street Intersection Study
- Non-Motorized Connectivity Plan
- Origin and Destination Surveys for Local Bus Service (South Garage)
- Safe Routes to School – Online Planner Phase II
- Safe Routes to School 2014
- SW 8<sup>th</sup> Street Corridor Study
- Town of Miami Lakes Alternatives to Concurrency
- Village of Miami Shores Multimodal Mobility Study
- Village of Pinecrest US1 Corridor Bicycle/Pedestrian Mobility Plan

#### 2016

- Aerial Cable Transit (ACT) Feasibility Study
- Bicycle Route Planning Project – Phase 3
- Bicycle Wayfinding System Study
- City of Miami Beach Boardwalk/Beachwalk Feasibility Study
- City of Miami Little Havana Bicycle/Pedestrian Mobility Study
- City of North Miami Downtown Multimodal Traffic Circulation Plan
- City of South Miami Pedestrian Safety and Mobility
- Connected and Autonomous Vehicle (CAV) Working Group
- Countermeasures for Bicycle/Pedestrian High Crash Locations Study
- FY 2016 and 2017 Cycle of the InteractIP
- Guidelines for Municipal Transit Programs in Miami-Dade County
- Impact of Port Tunnel on Downtown Miami
- Infrastructure Implementation Plan – Complete Streets Manual
- Infrastructure Implementation Plan – Complete Streets Manual
- Non-Motorized Network Connectivity Plan
- Public-Private Partnership Roadmap to Project Implementation Study
- Regional Bicycle Route Planner Study
- Reversible Lanes along Thoroughfares Study
- Safe Routes to School 2015
- SMART Plan Implementation: US Metropolitan Preliminary Financial Analysis
- Snapper Creek Trail Segment B Master Plan
- South Link Study Update
- Transportation Outreach Planner 2015 and 2016



## STUDIES

### ONGOING STUDIES

- Aventura Unified Master Plan for Pedestrian and Bicycle Connectivity
- Bike Friendly Miami-Dade Plan
- Cutler Bay Complete Streets Corridor Analysis
- Doral One-Way Street Conversions Study
- Doral Trolley Route Expansion Study
- Evaluation of Multimodal Options in S. Miami Dade
- Impact of the Future Technology in the 2045 LRTP
- Medley Multimodal Mobility Opportunities Study
- Miami Beach Intermodal Hubs Feasibility Study
- Miami Lakes Complete Streets Implementation Plan
- Miami River Tunnel Feasibility Study
- North Miami Optimizing NOMI Express Routes
- Protected Bike Lanes Master Plan
- Safe Routes to School 2016
- SW 152<sup>nd</sup> Street Mobility Solutions
- TOD Evaluation Along the CSX East-West Corridor FY 2016 Task 5-1 GPC
- Visualization Tool of Travel Flow

### UPCOMING STUDIES

- InteracTIP FYs 18 and 19
- First/Last Mile Pilot with High Trip Generator Employers
- Addressing Compliance of 2045 LRTP Update w Requirements
- Trans. and Land Use Visioning in Miami-Dade County
- Federal Planning Emphasis Areas for MDC
- Miami-Dade Freight Plan
- Miami-Dade MPO Multimodal Accessibility Based Needs Analysis
- Connecting the Highway Network Missing Links
- Bicycle Pedestrian Data Collection
- Aging Users Strategic Plan

