

Unified Planning Work Program

For Transportation Planning Activities

Fiscal Years 2017 and 2018

Period of July 1, 2016 to June 30, 2018

Adopted May 19, 2016

Funds provided by Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Florida Department of Transportation (FDOT) District Six and Miami-Dade County.

FY 2017 and FY 2018 PL FM No. (439334) FAP No. (0021-054)
FY 2017 Section 5303 FM No. (4309521) FY 2018 FM No. (4329391)
CFDA Nos. 20.205, 20.505
FY 2015 STP FM No. 2522051 FAP No. 0021-052-M

Miami-Dade Metropolitan Planning Organization
111 NW 1st Street, Suite 920
Miami, FL 33128

305-375-4507 Phone
305-375-4950 Fax

www.miamidademppo.org

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA
FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM**

**Metropolitan Planning Organization
Governing Board**

Voting Members

Jean Monestime, Chairman
Francis Suarez, Vice Chairman

Bruno A. Barreiro	Smith Joseph
Esteban Bovo, Jr.	Philip Levine
Jose "Pepe" Diaz	Daniella Levine Cava
Audrey M. Edmonson	Roberto Martell
Maurice Ferré	Dennis C. Moss
Oliver G. Gilbert, III	Jeff Porter
Perla T. Hantman	Rebeca Sosa
Carlos Hernandez	Senator Javier D. Souto
Sally A. Heyman	Xavier L. Suarez
Barbara J. Jordan	Juan C. Zapata

Non-Voting Member (FDOT District VI)
Harold Desdunes, P.E., Interim Secretary

Transportation Planning Council

Voting Members

Aileen Bouclé, AICP, Chairperson, MPO Executive Director

Alice Bravo, P.E.	Department of Transportation and Public Works
Julio Brea	City of Homestead
William L. Cross, P.E.	South Florida Regional Transportation Authority
Harold Desdunes, P.E.	Florida Department of Transportation District Six
Dr. Emilio T. Gonzalez	Miami-Dade Aviation Department
Jose R. Gonzalez, P.E.	City of Miami Beach
Sandra Harris	City of Miami
Jorge E. Hernandez	City of Hialeah
Juan Kuryla	Miami-Dade Seaport Department
Jack Osterholt	Regulatory and Economic Resources
Debra Rivera, P.E.	Florida Department of Transportation District Six
Javier Rodriguez, P.E.	Miami-Dade Expressway Authority
Tom Ruiz	City of Miami Gardens
Lester Sola	Water and Sewer Department
Larry M. Spring, Jr., CPA	City of North Miami
Vivian Villaamil	Public Schools
Vacant	Dade League of Cities

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA
FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM**

TABLE OF CONTENTS

<u>Title</u>	<u>Page</u>
Introduction	i
Organization and Management	vi
Cost Analysis Certification Statement	viii
MPO Work Elements	ix
Index of Work Elements	x
Work Element 1 Administration	1-1
Work Element 2 Data Collection	2-1
Work Element 3 Transportation Improvement Program	3-1
Work Element 4 Long-Range Transportation Plan	4-1
Work Element 5 Special Project Planning	5-1
Work Element 6 Regional Planning	6-1
Work Element 7 Public Participation	7-1
Work Element 8 Systems Planning	8-1
Appendix	
Florida Department of Transportation District Six Planning Program	P-1
Miami Dade Expressway Authority Studies	P-4
Miami Dade Department of Transportation and Public Works Planning Efforts	P-5
South Florida Regional Transportation Authority's (SFRTA) Planning Efforts	P-7
FDOT/Miami Dade MPO 2016 Joint Certification Report	P-12
MPO Resolution	P-24
Disadvantaged Business Enterprise Utilization	P-26
Debarment and Suspension Certification	P-27
Lobbying Certification for Grants, Loans and Cooperative Agreements	P-28
Title VI/Nondiscrimination Assurance	P-29
Table 1: Agency Participation	P-32
Table 2: Funding Source	P-34
Table 3: FTA Deliverables Tables	P-36
Table 4: Funding Summary	P-38
Florida Planning Emphasis Areas	P-39
Federal Planning Emphasis Areas	P-43
FAST Act Planning Factors	P-46
UPWP Development Schedule	P-48
Acronyms List	P-49

METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

INTRODUCTION

This Fiscal Years 2017 and 2018 Unified Planning Work Program (UPWP) of the Miami-Dade Metropolitan Planning Organization (MPO) describes transportation planning activities to be managed by the MPO in and for Miami-Dade County, Florida. Tasks included in this document are scheduled to be conducted during the fiscal period beginning July 1, 2016 and ending on June 30, 2018, or as indicated by their respective funding sources. The document outlines the planning projects budget and activities that will support the comprehensive and multimodal transportation improvement program approved for the metropolitan area in the adopted Year 2040 Miami-Dade Long Range Transportation Plan Update (LRTP). The LRTP was adopted by the MPO Governing Board on October 23, 2014 after numerous official and public review activities were conducted throughout the metropolitan area. The LRTP addresses the multimodal transportation system needs for the period 2015-2040.

The work outlined in this UPWP is undertaken in a cooperative manner between the various participating Miami-Dade County Departments, regional agencies and the Florida Department of Transportation (FDOT). Planning tasks herein are to be performed with funds under Titles 23 and 49 United States Code (USC). This work is guided by policies adhered to by the State of Florida and the MPO Governing Board. Guidance from the Federal transportation agencies that support the program is also used as a significant element in the definition of planning projects. “At a minimum, an UPWP includes a description of the planning work and resulting products, whom will perform the work, time frames for completing the work, the cost of the work, and the source(s) of funds.” (23 C.F.R. 450.308)

The MPO was created under Section 163.01, Chapter 163, Florida Statutes and established by Interlocal Agreement between Miami-Dade County and the Florida Department of Transportation on March 2nd, 1977 under Title XXVI, Chapter F.S. 339.175. The MPO Governing Board is composed of twenty-three (23) voting members charged with making transportation planning decisions in the Urbanized Area with the assistance of technical recommendations and citizen comments. The Governing Board includes the thirteen (13) Miami-Dade County Commissioners. The Governor of Florida appoints an elected municipal official to represent municipal interests, a citizen who does not hold elective office and resides in the unincorporated area of Miami-Dade County, a member of the Miami-Dade Expressway Authority and a member of the Miami-Dade County School Board. During the 1999 legislative session, the Florida Legislature revised Florida Statutes to permit an elected official from each city with over fifty thousand (50,000) residents in Miami-Dade County to serve on the Governing Board. These six cities include: Hialeah, Homestead, Miami, Miami Beach, Miami Gardens and North Miami. FDOT has two nonvoting representatives on the MPO Board.

A major role of the MPO is to ensure conformance with federal regulations requiring that highways, mass transit and other transportation facilities and services are properly developed and deployed in relation to the overall plan of urban development and to approve plans for regional and state transportation network accessibility. In addition, federal guidelines require that the use of federal aid for transportation be consistent with MPO endorsed plans and programs.

FDOT uses the MPO's LRTP as the guide plan for implementing state transportation system improvements in Miami-Dade County. Federal, state and local transportation planning funds are provided on an ongoing basis to ensure the effectiveness of the MPO process. The MPO Board meets monthly in the Miami-Dade County Commission Chambers. All meetings of the Governing Board are open to the public. In performing its major functions, the MPO:

- Develops a LRTP for the urban area that specifies transportation improvements over at least a twenty-year horizon.

METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

- Compiles an annually updated Transportation Improvement Program (TIP). The TIP lists projects selected from the adopted Long Range Transportation Plan to be implemented during a five-year cycle.
- Prepares this Unified Planning Work Program (UPWP) which outlines the planning projects that will assist in further defining the comprehensive and multimodal transportation plans for the area.
- Maintains a Citizens' Transportation Advisory Committee (CTAC) to provide a broad cross-section of citizen perspectives in the planning and development of the urban transportation system. Minorities, the elderly, and persons with disabilities are appropriately represented on this committee.
- Coordinates the activities of the Transportation Planning Council (TPC). The TPC advises the MPO governing Board on technical matters. The TPC includes directors of County Departments participating in the transportation planning process as listed on the first page of this document. The TPC is supported by the Transportation Planning Technical Advisory Committee (TPTAC) by providing technical support. TPTAC discussions are focused on technical aspects related to the projects. This committee is composed of representatives of the entities that have TPC voting members and are appointed by the director of each entity.
- Assesses visual impacts of transportation projects through the Transportation Aesthetics Review Committee (TARC). TARC reviews high visibility transportation projects to ensure that aesthetic considerations are an integral and early part of the planning, design and construction process.
- Facilitates public involvement at all levels of the MPO process. Transportation issues are submitted routinely to the CTAC for review and plans are available for public comment prior to their adoption.
- Maintains a bicycle/pedestrian program to ensure that transportation plans provide for the use of non-motorized alternatives recommended by the Bicycle/Pedestrian Advisory Committee (BPAC).
- Maintains a Freight Transportation Advisory Committee (FTAC) to provide regular input of the freight industry into all aspects of the counties' transportation planning activities.

The level of effort represented by this UPWP is based upon several objectives, the most important of which is the need to address transportation related issues in the metropolitan area. The 2040 LRTP lays out the current adopted principals for transportation planning in South Florida. The overriding policy is to develop a transportation system that optimizes the movement of people and goods while reinforcing the fundamentals of sustainability, equitability and environmental compatibility. These planning elements must also implement the transportation priorities found in the County Comprehensive Development Master Plan (CDMP) to:

- Stress connectivity and continuity among all elements and components of the system,
- Promote effectiveness and efficiency in system plans, programs and projects and
- Increase travel choices throughout the County.

Based upon these adopted priorities the 2040 goals for transportation planning are:

- Improve transportation system and travel
- Increase the safety of the transportation system for all users
- Increase the security of the transportation system for all users
- Support economic vitality
- Protect and preserve the environment and quality of life and promote energy conservation
- Enhance the integration and connectivity of the system, across and between modes, for people and freight
- Optimize sound investment strategies for system improvement and management/operation
- Maximize and preserve the existing transportation system

METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

These objectives are in turn based on the policies defined in the LRTP and in the Miami-Dade Comprehensive Development Master Plan and are consistent with the transportation goals expressed in the Strategic Regional Policy Plan for South Florida. The program is also consistent with local comprehensive plans adopted by each of the thirty-four municipalities in the county and the Unincorporated Municipal Service Area (UMSA).

In addition, projects in the UPWP address required work activities and agreed upon issues and priorities. These include but are not limited to: Fixing America's Surface Transportation Act "FAST Act", improvements outlined in the 2040 Long Range Transportation Plan, public transportation and ride sharing, Intelligent Transportation Systems (ITS), transportation program funding issues and air quality considerations. The FYs 2017 and 2018 UPWP also includes the Municipal Grant Program under task 8.6. Additional efforts will continue during FYs 2017 and 2018 to address regional concerns to include, but not limited to, promoting seamless system connectivity, freight and goods movement and Efficient Transportation Decision-Making (ETDM). The Miami-Dade MPO does not soft match the federal funds for this program. The Federal Highway Administration (FHWA) federal PL funds portion for FY 2017 is \$3,470,829 with a local match of \$765,505 for a total of \$4,236,334. The FHWA federal PL funds portion for FY 2018 is \$2,897,128 with a local match of \$638,973 for a total of \$3,536,101. The composition for PL funds is 81.93% federal and 18.07% local match. The Federal Transit Administration (FTA) Section 5305(d) federal portion for FY 2017 is \$1,706,218 with a state match of \$213,277 and a local match of \$213,277 for a total of \$2,132,772. The FTA Section 5305(d) federal portion for FY 2018 is \$1,265,000 with a state match of \$158,125 and local match of \$158,125 for a total of \$1,581,250. The FTA Section 5305(d) federal portion for FY 2016 (carryover) is \$460,000 with a state match of \$57,500 and a local match of \$57,500 for a total of \$575,000. The composition of FTA funds 80% federal, 10% state match and 10% local match. The federal amount of STP funds allocated for FY 2017 is \$93,750 with a \$31,250 local match for a total of \$125,000. The funding ratio for STP funds is 75% federal and 25% local match. The Commission for the Transportation Disadvantaged (CTD) funds for FY 2017 is \$74,760 and \$75,000 for FY 2018. The CTD dollars are 100% state funded. The current Miami-Dade MPO indirect cost rate is 10.2204%. This number is derived from Miami-Dade County's latest Cost Allocation Plan (Schedule F.001 Page 18 of the following link):

<http://www.miamidade.gov/finance/library/cost-allocation-2013.pdf>

FAST Act brought about a renewed focus on transportation planning. As a result, FHWA and the FTA have jointly issued three Planning Emphasis Areas (PEAs). FHWA and FTA have encouraged the MPOs and the States to develop and identify work tasks associated with the PEAs in their respective work programs. The federal FY 2015 PEAs are: FAST Act Implementation, Models of Regional Planning Cooperation and Ladders of Opportunity. A summary table and a cross-reference matrix are included in the Appendix section to indicate which work tasks are associated with each PEA. In addition, the FAST Act planning factors, and State PEAs to be considered by the statewide and metropolitan planning processes are identified in the Appendix section along with a cross-reference table per task.

The Broward, Palm Beach and Miami-Dade MPOs comprising the Miami Urbanized Area are collaborating on various fronts including the development of the 2040 Regional Transportation Plan (RTP) for Southeast Florida. The 2040 RTP identified the most significant transportation investments needed to meet growing travel demands throughout the Southeast Florida region. The RTP was coordinated with the three MPOs through the Southeast Florida Transportation Council (SEFTC) and Regional Transportation Technical Advisory Committee (RTTAC). The Miami-Dade MPO served as the administering agency for the 2040 RTP. Further, the three MPOs of the Miami Urbanized Area as well as the FDOT collaborated on other major efforts such as the preparation of the 2040 Southeast

METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

Florida Regional Freight Plan (SFRFP) and the development of the Southeast Regional Planning Model (SERPM) and together began efforts on the 2015 Southeast Florida Regional Travel Survey.

The public sector is solicited yearly to submit ideas to be considered for inclusion in the UPWP. A “Call for Ideas” is sent out throughout the community via e-blasts, e-newsletters, and flyers. The main MPO distribution list includes, but is not limited to, every citizen that has communicated with the MPO and provided contact information. In addition, the brochure is placed on the MPO website and distributed to the CTAC, TARC, BPAC and FTAC.

New and carryover funding for FYs 2017 and 2018 UPWP has been assigned to consultant projects as follows:

- 2.1 Transportation, Socioeconomic, and Land Use Coordination
 - Socioeconomic Data (new)
- 2.2 Highway Traffic Counting (carryover)
- 3.1 InteracTIP (new)
- 4.1 2045 Long Range Transportation Master Plan (new)
- 4.2 Miami-Dade MPO Multimodal Accessibility Based Needs Analysis (new)
- 4.3 Miami-Dade Freight Plan Update (new)
- 4.4 Addressing Compliance of 2045 LRTP Update with Federal, State, Regional and Local Requirements (new)
- 5.1 General Planning Consultant (new and carryover)
- 5.2 Call for Ideas (new)
- 5.3 Protected Bike Lanes Master Plan (new)
- 5.4 Aging Road Users Strategic Safety Plan (new)
- 5.5 Bicycle/Pedestrian Data Collection (new)
- 5.6 Connecting the Highway Network: Missing Links (new)
- 5.7 Impact of the Future Technology in the 2045 LRTP (new)
- 5.8 First/Last Mile Pilot with High-Trip Generator Employers (new)
- 5.9 Transportation and Land Use Visioning in Miami-Dade County (new)
- 5.10 Visualization Travel Tool of Travel Flow (carryover)
- 5.11 Federal Planning Emphasis Areas (carryover)
- 5.12 Evaluating Feasibility of Superarterials (carryover)
- 5.13 Bike Friendly Miami-Dade Plan (carryover)
- 5.14 Miami River Tunnel Feasibility Study (carryover)
- 5.15 Implementation of the SMART Plan (new)
- 6.1 Regional Support
 - South Florida Regional Planning Council (new)
 - 2040 Regional Transportation Plan (carryover)
- 6.3 Southeast Regional Planning Model 8.0 (new)
- 6.4 Regional Transportation Plan for Southeast Florida (new)
- 7.2 Transportation Outreach Planner (new)
- 7.2 Annual Reports (new)
- 7.2 Citizens Guide (new)
- 8.3 Safe Routes to School (new)
- 8.6 Municipal Grant Program (new)

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA
FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM**

In addition, the following projects funded from the prior year FYs 2015 and 2016 UPWP have been or are anticipated to be completed:

- 2.5 Countermeasures for Ped/Bicycle High Crash Locations
- 2.6 2015 Southeast Florida Travel Survey
- 3.1 FYs 2016 and 2017 Cycle of the InteracTIP and Project Tracking
- 4.1 2040 Long Range Transportation Plan
- 5.1 BRT Implementation Plan
- 5.1 LeJeune Road at SW 8th Street Intersection Improvement Study
- 5.1 Aerial Cable Transit Feasibility Study
- 5.1 CSX East-West Rail Feasibility Study
- 5.1 Guidelines for Municipal Transit Programs in Miami-Dade County
- 5.1 Reversible Lanes along Thoroughfares
- 5.1 SW 152nd Street Mobility Solutions
- 5.1 TOD Evaluation along the CSX East-West Corridor
- 5.1 SW 8th Street Corridor Study
- 5.1 Safe Routes to School 2015
- 5.2 Countywide Bus and Auto Rideshare Access to Transit Facilities
- 5.2 Non-Motorized Connectivity Plan
- 5.2 On-Line Walk to School Planner
- 5.2 Evaluation of Multimodal Options in South Miami Dade
- 5.2 Optimizing Transit Revenue and Capacity
- 5.3 On-Demand Consultant Support Efforts: Know the MPO and South Link Update
- 5.4 Public-Private Partnership Roadmap to Project Implementation and Operations
- 5.7 Bicycle Wayfinding System
- 5.10 Impact of Port Tunnel on Downtown Miami
- 5.11 Bus Lanes in Downtown Miami
- 5.13 Snapper Creek Trail Segment “B” Master Plan
- 5.14 Bicycle Route Planning Project Phase 3
- 5.15 Safe Routes to School 2014
- 6.1 2040 Regional Transportation Plan for Southeast Florida
- 7.2 MPO Annual Reports for FY 2014, 2015 and 2016
- 7.2 Transportation Outreach Planner
- 8.6 Municipal Grant Program
 - South Miami Pedestrian Safety and Mobility Infrastructure Improvements Plan
 - Miami Beach Boardwalk/Beachwalk Feasibility Study
 - North Miami Downtown Multi-Modal Traffic Circulation Plan
 - Miami Shores Multimodal Mobility Study
 - Miami Lakes Alternatives to Concurrency Study
 - Miami Little Havana Bike/Pedestrian Mobility Study

Five studies programmed in FY 2015 were cancelled and their respective funds were reprogrammed into under the General Planning Consultant. The five cancelled studies were:

- 5.5 Port Miami Trucking Optimization
- 5.6 Toll Equity Analysis Study
- 5.8 Implementation Plan for EBS along Kendall Corridor
- 5.9 Parking Technology Innovations Study
- 5.12 Viability of Conversion of Homestead Air Force Base to a Joint Civilian/Military Effort

METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ORGANIZATION AND MANAGEMENT

In the performance of these duties, the MPO is assisted by professional staff from Local and State transportation agencies. To achieve coordination in regional transportation planning, other entities such as the South Florida Regional Planning Council, the South Florida Regional Transportation Authority, the Miami-Dade County Expressway Authority, FDOT District Six, Florida's Turnpike Enterprise and the Broward and Palm Beach Counties' MPOs, work closely with the Miami-Dade County MPO.

The Executive Director of the MPO is designated by, and serves at the pleasure of the MPO Board. The Director's staff coordinates the activities of the component structure comprising the MPO; prepares the meeting agendas for the MPO Governing Board and the Transportation Planning Council (TPC); prepares resolutions, agreements and other documents; schedules and gives notice of meetings; records and keeps minutes; develops operating procedures for conduct of the Secretariat function; coordinates the implementation of policies established by the MPO Governing Board as reflected in the transportation planning program, and performs other administrative and technical duties as may be assigned by the MPO Governing Board.

The Executive Director of the MPO acts as the overall Program Administrator and Manager. Technical management control over each project in the transportation planning program is exercised by the Project Manager to whom each task is assigned. Ultimate review of program work products rests with the TPC and its Steering Committees.

Contracts are executed to perform tasks shown in this document in the form of agreements. Standard Interlocal Agreements are used to contract with public agencies. These contracts typically cover agreements with municipalities and the South Florida Regional Planning Council (SFRPC). Joint Participation Agreements are used to access Federal Highway Administration (FHWA), Federal Transit Administration (FTA) and State funds and for intergovernmental coordination. The Intergovernmental Coordination and Review (ICAR) was executed on February 22, 2012 between the Florida Department of Transportation (FDOT), Miami-Dade MPO, SFRPC, Miami-Dade County, South Florida Regional Transportation Authority and the Miami-Dade Expressway Authority. The main purpose of the ICAR is to have a clearly defined a continuing, cooperative and comprehensive transportation planning process. Other pertinent agreements are found in the MPO Prospectus under the Appendix section. http://www.miamidade.gov/mpo/downloads/MPO_prospectus_201001_update.pdf

Agreements are reviewed yearly as part of the certification process and updated as needed. Also, the Rules of the MPO Governing Internal Organization which details the Board Composition, Appointments, establishes Quorum, Rules of Debate, Agreements, etc. are available under Appendix D of the MPO Prospectus. Additional detailed information concerning the MPO planning process and standard MPO agreements are outlined in the Adopted MPO Prospectus in the Appendix section titled "Interlocal Agreement", "First Amendment to Interlocal Agreement", "Urban Transportation Planning Agreement" and the F.S. 339.175 and F.S. 339.176 pertaining to the MPO Provisions. For more details, a copy of the Prospectus may be obtained by calling (305) 375-4507, or requesting by e-mail: mpo@miamidade.gov and is also available on the MPO web site. Required forms, certifications, assurances, matrices and tables are included in this document under Appendix E.

MPO Prospectus link http://www.miamidade.gov/mpo/downloads/MPO_prospectus_201001_update.pdf

Formal technical guidance is provided by the Transportation Planning Council (TPC) of the MPO and the Transportation Planning Technical Advisory Committee (TPTAC). Citizen participation is ensured through the monthly meetings of the Citizens' Transportation Advisory Committee (CTAC) and the

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA
FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM**

Transportation Aesthetics Review Committee (TARC) with hearings held throughout the community during the program period as necessary under task 7.1; Citizen Transportation Committees. The public involvement process is also complemented through task 7.2; Public Information Program. In addition, there are two other committees whose input is incorporated in the transportation planning process as appropriate; the Bicycle Pedestrian Advisory Committee (BPAC) under task 8.3 and the Freight Transportation Advisory Committee (FTAC) under task 8.1.

Please visit our web site at www.miamidade.gov/mpo for additional information on UPWP-related activities or to learn about the continuing efforts undertaken by the MPO organization and the many transportation agencies in Southeast Florida to alleviate traffic congestion and improve the quality of life for all citizens in the metropolitan region.

The Miami-Dade MPO complies with the provisions of Title VI of the Civil Rights Act of 1964, which states: No person in the United States shall, on grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance. It is also the policy of the Miami Dade MPO to comply with all of the requirements of the Americans with Disabilities Act. For materials in accessible format please call 305-375-4507.

Please visit our web site at www.miamidade.gov/mpo

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA
FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM**

**COST ANALYSIS CERTIFICATION AS REQUIRED BY SECTION 216.3475, FLORIDA
STATUTES:**

I certify that the cost for each line item budget category has been evaluated and determined to be allowable, reasonable, and necessary as required by Section 216.3475, F.S. Documentation is on file evidencing the methodology used and the conclusions reached.

District MPO Liaison (Grant Manager) Name: Curlene Thomas

C Thomas
Signature

6/3/2016
Date

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA
FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM**

MPO WORK ELEMENTS

Element 1 Administration

The administration section describes task functions required to manage the transportation planning process on a continual basis including program administration, development, review and reporting, anticipated staff development and an annual audit as required by 23 C.F.R. 420.121(c).

Element 2 Data Collection

This section includes work tasks needed to monitor area travel characteristics and factors affecting travel such as socioeconomic, community and land use data, transportation system data, natural, physical, and human environmental concerns and issues.

Element 3 Transportation Improvement Program (TIP)

Tasks required for the development and management of the TIP.

Element 4 Long Range Transportation Plan (LRTP)

This section addresses the planned actions to be taken in this UPWP for developing the LRTP.

Element 5 Special Project Planning

This section is intended for non-recurring planning projects and/or projects that do not fit easily into other categories.

Element 6 Regional Planning

The Planning Funds (PL) formula approved by FHWA in February 2006 included a provision that each MPO would set aside a specified amount for regional planning. This section includes descriptions of the planning activities the MPO plans to conduct with other MPOs.

Element 7 Public Participation

This section describes the tasks necessary to implement the MPO's public participation program during the development of the UPWP, LRTP, TIP and other plans and programs as required.

Element 8 Systems Planning

Recurring and new planning studies/projects.

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA
FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM**

INDEX OF WORK ELEMENTS

NO.	PROJECT DESCRIPTIONS	FUNDING			PAGE
		FY 2017	FY 2018	COMBINED	
	Element 1 Administration				
1.1	UPWP Management	\$105,000	\$110,000	\$215,000	1-1
1.2	MPO Board Support	\$500,000	\$525,000	\$1,025,000	1-4
1.3	MPO Program Support Services	\$543,106	\$559,351	\$1,102,457	1-7
	Element 1 Total	\$1,148,106	\$1,194,351	\$2,342,457	
	Element 2 Data Collection				
	FY 2017	FY 2018	COMBINED	PAGE	
2.1	Transportation, Socioeconomic, and Land Use Coordination	\$315,000	\$320,000	\$635,000	2-1
2.2	Highway Traffic Counting Program	\$70,000	\$70,000	\$140,000	2-4
	Element 2 Total	\$385,000	\$390,000	\$775,000	
	Element 3 TIP				
	FY 2017	FY 2018	COMBINED	PAGE	
3.1	Transportation Improvement Program (TIP)	\$326,000	\$340,000	\$666,000	3-1
	Element 3 Total	\$326,000	\$340,000	\$666,000	
	Element 4 Long Range Transportation Plan (LRTP)				
	FY 2017	FY 2018	COMBINED	PAGE	
4.1	LRTP 2045	\$100,000	\$655,000	\$755,000	4-1
4.2	Miami-Dade MPO Multimodal Accessibility Based Needs Analysis	\$195,000		\$195,000	4-5
4.3	Miami-Dade Freight Plan	\$120,000		\$120,000	4-8
4.4	Addressing Compliance of 2045 LRTP Update with Requirements	\$80,000		\$80,000	4-11
	Element 4 Total	\$495,000	\$655,000	\$1,150,000	

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA
FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM**

Element 5 Special Project Planning		FY 2017	FY 2018	COMBINED	PAGE
5.1	General Planning Consultant	\$1,637,000	\$655,000	\$2,292,000	5-1
5.2	Call for Ideas	\$255,000	\$570,000	\$825,000	5-4
5.3	Protected Bike Lanes Master Plan	\$60,000		\$60,000	5-6
5.4	Aging Road Users Strategic Plan	\$40,000		\$40,000	5-8
5.5	Bicycle Pedestrian Data Collection	\$90,000		\$90,000	5-10
5.6	Connecting the Highway Network Missing Links	\$75,000		\$75,000	5-12
5.7	Impact of the Future Technology in the 2045 LRTP	\$80,000		\$80,000	5-14
5.8	First/Last Mile Pilot with High Trip Generator Employers	\$100,000		\$100,000	5-17
5.9	Transportation and Land Use Visioning in Miami-Dade County	\$250,000		\$250,000	5-20
5.10	Visualization Tool of Travel Flow	\$100,000		\$100,000	5-23
5.11	Federal Planning Emphasis Areas	\$40,000		\$40,000	5-26
5.12	Evaluating Feasibility of Superarterials	\$80,000		\$80,000	5-29
5.13	Bike Friendly Plan	\$96,000		\$96,000	5-32
5.14	Miami River Tunnel Feasibility Study	\$125,000		\$125,000	5-35
5.15	Implementation of the SMART Plan				5-37
	Element 5 Total	\$3,028,000	\$1,225,000	\$4,253,000	

NO.	PROJECT DESCRIPTIONS	FUNDING			PAGE
	Element 6 Regional Planning	FY 2017	FY 2018	COMBINED	PAGE
6.1	Regional Support	\$145,000	\$130,000	\$275,000	6-1
6.2	Urban Modeling and Forecasting	\$60,000	\$65,000	\$125,000	6-4
6.3	SERPM Development	\$108,000	\$108,000	\$216,000	6-6
6.4	2045 Regional Transportation Plan	\$10,000	\$90,000	\$100,000	6-9
	Element 6 Total	\$323,000	\$393,000	\$716,000	

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE COUNTY AREA
FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM**

Element 7 Public Participation		FY 2017	FY 2018	COMBINED	PAGE
7.1	Citizen Transportation Committees	\$200,000	\$210,000	\$410,000	7-1
7.2	Public Involvement Program	\$340,000	\$300,000	\$640,000	7-5
	Element 7 Total	\$540,000	\$510,000	\$1,050,000	
Element 8 Systems Planning		FY 2017	FY 2018	COMBINED	PAGE
8.1	Short Range Intermodal Freight Planning	\$85,000	\$90,000	\$175,000	8-1
8.2	Transit Corridor Planning	\$95,000	\$100,000	\$195,000	8-5
8.3	Comprehensive Bicycle/Pedestrian	\$155,000	\$160,000	\$315,000	8-7
8.4	Transportation Disadvantaged Planning Grant Program	\$74,760	\$75,000	\$149,760	8-10
8.5	ADA Required Infrastructure Improvements	\$30,000	\$30,000	\$60,000	8-14
8.6	Municipal Grant Program	\$384,000	\$30,000	\$414,000	8-17
	Element 8 Total	\$823,760	\$485,000	\$1,308,760	
		FY 2017	FY 2018	COMBINED	
	Totals	\$7,143,866	\$5,192,351	\$12,336,217	

UPWP WORK ELEMENT 1

ADMINISTRATION



MIAMI-DADE
METROPOLITAN
PLANNING
ORGANIZATION

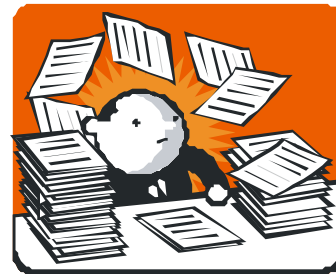
ELEMENT 1: ADMINISTRATION

TASK NUMBER AND TITLE:

1.1 UPWP MANAGEMENT

PURPOSE:

Develop and administer the Unified Planning Work Program for Transportation Planning Activities. Maintain a multimodal planning program that responds to ongoing community transportation needs to the most critical transportation service delivery issues while ensuring Federal and State guidelines are met. Manage the administrative aspects of the Unified Planning Work Program (UPWP) for transportation.



PREVIOUS WORK:

Prepared the FYs 2017 and 2018 UPWP. Amendments and modifications made to FYs 2015 and 2016 were posted on MPO website. Joint Participation Agreements entered into, monitored and reimbursements submitted. This is a continuing activity.

REQUIRED ACTIVITIES:

Prepare the 2-year FYs 2019 and 2020 UPWP:

- Incorporate new transportation planning studies into document through the Task 5.2 “Call for Ideas” efforts and include specific activities responding to program objectives.
- Prepare detailed project descriptions, budgets, and product lists.
- Solicit comments from the Citizens' Transportation Advisory Committee (CTAC) and other key private and civic organizations.
- Assemble the Review Draft of the FYs 2019 and 2020 UPWP.
- Present the Review Draft of the program to the Florida Department of Transportation (FDOT) District Six, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) for their review.
- Present the Final Draft of the program to the Transportation Planning Council and the MPO Board for approval.
- Transmit MPO Board approved document to the funding agencies for approval.

Monitor planning activities as listed in their respective tasks.

- Ensure projects are properly funded and begin and end dates are within grant agreement time frame for allowable expenditures.
- Advise project managers of the status of tasks through Gantt charts to achieve compliance with scheduled dates.
- Revise UPWP as needed, through amendments and/or modifications to address any changes. Seek approval from Florida Department of Transportation (FDOT) and Federal Agency(ies) as appropriate.

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

Administer the work to be performed.

- Work with the project managers and departments in ensuring the allocated funds are expensed properly through the submission of reimbursement requests, timesheets and consultant invoices.
- Obtain approval for third party agreements through FDOT as applicable.
- Prepare and execute Work Orders, Interlocal Agreements and Professional Service Agreements.

Apply for and administer grants supporting the UPWP.

- Apply for Federal and State grants to secure funds for the program.
- Prepare work scope(s) and budgets for planning grants and process grant applications.
- Obtain appropriate signatures for Joint Participation Agreements for FDOT execution.
- Monitor grant agreements to ensure funding sources don't expire prior to all work associated is completed.
- Prepare grant revision requests in response to UPWP revisions and other budget adjustments approved by the MPO Board.
- Facilitate the performance of audits.

Prepare progress reports.

- Request work progress and deliverables from project managers as they become due and summarize for preparation of Quarterly Progress Reports.
- Prepare Quarterly Progress Reports and submit to FDOT within 30 days after reporting quarterly period expires for their review and submission to FHWA.

Process invoices requesting reimbursement from funding agencies.

- Consolidate reports, consultant invoices and 3rd party receipts and prepare documentation to support reimbursement requests prepared by the Finance Department.
- Transmit invoices/reimbursement requests to funding agencies.

Ensure all consultant contracts comply with Disadvantaged Business Enterprise (DBE) goals.

- Miami-Dade MPO has adopted FDOT's DBE Plan. Current established goal is 9.91%.

END PRODUCTS:

- FYs 2019 and 2020 UPWP (June 2018)
- Amendments and modifications of FYs 2017 and 2018 UPWP, as applicable.
- Quarterly Progress Reports
- Reimbursement Requests

PROJECT MANAGER:

Oscar Camejo

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
 Florida Department of Transportation - District Six
 Federal Highway Administration
 Federal Transit Administration

WORK SCHEDULE: This is a continuing activity.

- Start Date: July 2016
- End Date: June 2018

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$79,552	\$17,545	\$0	\$0	\$0		\$97,097
County Indirect Costs:							
MPO	\$6,475	\$1,428	\$0	\$0	\$0		\$7,903
	\$86,027	\$18,973	\$0	\$0	\$0	\$0	\$105,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$83,340	\$18,381	\$0	\$0	\$0		\$101,721
County Indirect Costs:							
MPO	\$6,783	\$1,496	\$0	\$0	\$0		\$8,279
	\$90,123	\$19,877	\$0	\$0	\$0	\$0	\$110,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 1: ADMINISTRATION

TASK NUMBER AND TITLE:

1.2 MPO BOARD STAFF SUPPORT

Ensure proper resolution of transportation issues by the MPO Governing Board, Transportation Planning Council (TPC) and its committees. Identify proposed transportation-related legislation and regulations to determine potential impact to MPO structure, process and activities. Monitor grant announcements for applicability to MPO.



PREVIOUS WORK:

This element is a continuing activity. It entails updating MPO Board members and municipalities on transportation related issues and their impact.

REQUIRED ACTIVITIES:

Provide staff support for the MPO Board, Transportation Planning Council (TPC), the Transportation Planning Technical Advisory Committee (TPTAC), and the MPO Governing Board Subcommittee and Task Forces

- Identify critical transportation planning issues.
- Organize meetings. Prepare agendas and back-up materials/documentation.
- Prepare and submit all public hearing advertisements within specified time as required by law.
- Prepare, certify and process MPO Board Resolutions.
- Prepare summary minutes and follow-up on directives.
- Prepare written analysis of proposed agenda action items for MPO Board members.
- Provide direct staff support and respond to the MPO Board members.
- Maintain and update MPO Board membership contact information and appointments to MPO Citizens Committees.
- Serve as the MPO Financial Disclosure Coordinator to the Florida Commission on Ethics
- Coordinate with participating agencies to prepare an annual update of the MPO Prospectus for Transportation.

Provide staff support for Legislative Assessments

- Continue Serving on the Association of Metropolitan Planning Organization's (AMPO's) national Policy Committee. As such:
 - cooperatively develop proposed policy positions for the national organization
- Submit state and federal legislative responses as appropriate for inclusion in the County's legislative packages.
- Maintain communication with the Miami-Dade Office of Intergovernmental Affairs, County Attorney's Office and FDOT District Six in reference to these and other items.
- Identify, summarize, track, and analyze transportation-related bills in the Florida Legislature and US Congress.
- Monitor Legislative Priorities of organizations such as the MPO Advisory Council (MPOAC)
- As issues of special MPO interest arise, advise County legislative staff of MPO's positions.

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

- Monitor and report on proposed Surface Transportation Reauthorization legislation.
- Monitor County Commission and Committee agendas for transportation-related County Legislation and County Legislative Packages and amendments.
- Provided letters of support for County and MPO Partners' federal grant applications.
- Identify critical transportation planning issues.
- Support intergovernmental review activities.
- Coordinate activities with participating transportation partners as issues emerge.
- Represent the MPO on the Miami-Dade County Development Impact Committee (DIC) and Board Committees.
- Work with South Florida Regional Planning Council (SFRPC) on issues pertaining to transportation requirements of the State Growth Management Legislation and other related regional issues.

END PRODUCTS:

- MPO Agendas and back-up materials/documentation including an electronic version posted on the MPO website
- MPO Final Summary Minutes
- MPO Board Follow-up Report
- Minutes of various task forces and staff working groups, as appropriate
- Correspondence for pertinent official agencies, as necessary
- Briefings to appropriate parties on the development and progress of transportation-related legislation during the annual State Legislative session
- Correspondence as necessary to maintain effective official and technical municipal involvement in the MPO process
- MPO Prospectus for Transportation
- Certified MPO Board and TPC Resolutions
- Legislative summaries and reports including recommendations

PROJECT MANAGER:

Zainab Salim

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation - District Six
Miami-Dade Aviation Department
Regulatory and Economic Resources
Miami-Dade Expressway Authority
Miami-Dade County Public Schools
Miami-Dade Water and Sewer Department
Department of Transportation and Public Works
Miami-Dade Seaport Department
Dade League of Cities
City of Hialeah

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

City of Homestead
 City of Miami
 City of Miami Gardens
 City of North Miami
 City of Miami Beach
 South Florida Regional Transportation Authority
 Florida Department of Environmental Protection

WORK SCHEDULE: This is a continuing activity.

- Start Date: July 2016
- End Date: September 2018

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$219,714	\$48,459	\$155,355	\$19,419	\$19,419		\$462,366
County Indirect Costs:							
MPO	\$17,883	\$3,944	\$12,645	\$1,581	\$1,581		\$37,634
	\$237,597	\$52,403	\$168,000	\$21,000	\$21,000	\$0	\$500,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$234,866	\$51,801	\$159,054	\$19,882	\$19,882		\$485,485
County Indirect Costs:							
MPO	\$19,117	\$4,216	\$12,946	\$1,618	\$1,618		\$39,515
	\$253,983	\$56,017	\$172,000	\$21,500	\$21,500	\$0	\$525,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 1: ADMINISTRATION

TASK NUMBER AND TITLE:

1.3 MPO PROGRAM SUPPORT SERVICES

PURPOSE:

Support the MPO operations. This task involves the direct and indirect overhead costs for the MPO. Charges include, but are not limited to, program accounting fees, single audit report on grants, copy machines, usage of pool cars, postage, telephones, rental of MPO office space, travel, registration fees, express mail, training, reproduction of supporting materials, furniture, purchase of office supplies, computer equipment and peripherals, software, and continued technological update of the existing Internet applications.



PREVIOUS WORK:

Ensured the administrative operations of the office to include all overhead costs were properly processed.

REQUIRED ACTIVITIES:

- Payment of office and meeting room rental space fees.
- Prepare cost allocation time-sheets to charge employee time to grants.
- Process payments for telephone fees, database charges, copier lease and maintenance, printing, records storage, travel expenses, training, accounting fees, Information Technology (IT) fees, Internal Services (IS) data processing services, postage, messenger services, paper, ink cartridges and the like to support office operations.
- Purchase office supplies from IS and outside vendors.
- Purchase office furniture.
- Upgrade Random Access Memory (RAM) on personal computers.
- Annual payment for online survey application software.
- New fileserver to support MPO share center services.
- Annual online cloud backup service.
- Purchase four new widescreen monitors.
- Replace projector.
- Reconfiguration of reception area to limit access/increase security.
- Lease high speed color copier/printer.
- Lease high speed black and white copier/printer.
- Staff travel to transportation related workshops, training, seminars and conferences.
- Provide requested information to auditors performing the single audit.
- Compile the MPO's Annual Budget.
- Respond and prepare solicited documentation to address Annual Audit.
- Prepare the Continuing of Operations Plan (COOP)

ELEMENT 1: ADMINISTRATION

- Ensure the basic continuity of operations of the MPO under emergencies such as acts of nature, technological emergencies, civil disturbances and terrorist incidents.
- Support federal, state and local requirements intended to ensure the continuation of essential functions during times of emergencies.
- The indirect cost rate is based on the latest Miami-Dade County Cost Allocation Plan, which is accessible via this link (Schedule F.001 Page 18): <http://www.miamidade.gov/finance/cost-allocation.asp>. The cost allocation plan describes the accounting procedures used by the County to identify, measure and allocate costs to each benefiting department of the County. All administrative costs are accorded consistent treatment through the application of generally accepted accounting principles appropriate to the circumstances, and conform to the accounting principles and standards prescribed in Office of Management and Budget (OMB) Circular A-87, Cost Principles for State, Local and Indian Tribal Governments (2 CFR Part 225). The central services departments that support the MPO efforts are the County Attorney's Office, Budget Office, County Commission, County Executive, ADA Coordination, Human Resources, Enterprise Technology, Fair Employment, Finance, Government Information, Inspector General and Procurement. The budgets shown under Other Direct Expenses for similar central services departments are for additional necessities beyond the basic needs charged under the indirect cost rate.

END PRODUCTS:

MPO Operating Budget Folder (April 2018 and April 2019)
COOP (May 2017 and May 2018)
Office furniture (as needed)
PCs and peripherals* (June 2018)

PROJECT MANAGER:

Oscar Camejo

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Internal Services Department
Finance Department
Office of Emergency Management
Information Technology Department

WORK SCHEDULE: This is a continuing activity.

- Start Date: July 2016
- End Date: September 2018

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$71,890	\$15,856	\$56,055	\$7,007	\$7,007		\$157,814
County Indirect Costs:							
MPO	\$5,851	\$1,291	\$4,563	\$570	\$570		\$12,845
Travel:							
MPO	\$36,869	\$8,132					\$45,000
Other Direct Expenses:							
MPO							
Audit	\$2,376	\$524					\$2,900
Copy Machine			\$9,696	\$1,212	\$1,212		\$12,120
Data Services	\$4,015	\$885					\$4,900
Rent	\$20,202	\$4,456	\$94,304	\$11,788	\$11,788		\$142,538
ISD Services	\$9,557	\$2,108					\$11,665
Pool Car	\$4,178	\$922					\$5,100
Telephone	\$8,917	\$1,967					\$10,884
Subscriptions	\$635	\$140					\$775
Parking	\$3,720	\$820					\$4,540
Mail	\$2,642	\$583					\$3,225
Registration	\$2,458	\$542					\$3,000
HR Services	\$574	\$126					\$700
Office Supplies	\$9,094	\$2,006					\$11,100
Equipment	\$11,470	\$2,530					\$14,000
Other Departments:							
Finance	\$35,230	\$7,770					\$43,000
Information Technology	\$35,230	\$7,770					\$43,000
Communications	\$11,470	\$2,530					\$14,000
	\$276,378	\$60,956	\$164,618	\$20,577	\$20,577	\$0	\$543,106

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$79,210	\$17,470	\$54,929	\$6,866	\$6,866		\$165,341
County Indirect Costs:							
MPO	\$6,447	\$1,422	\$4,471	\$559	\$559		\$13,458
Travel:							
MPO	\$36,869	\$8,132	\$0	\$0	\$0		\$45,000
Other Direct Expenses:							
MPO							
Audit	\$2,376	\$524	\$0	\$0	\$0		\$2,900
Copy Machine	\$0	\$0	\$9,856	\$1,232	\$1,232		\$12,320
Data Services	\$4,015	\$885	\$0	\$0	\$0		\$4,900
Rent	\$18,526	\$4,086	\$102,144	\$12,768	\$12,768		\$150,292
ISD Services	\$9,586	\$2,114	\$0	\$0	\$0		\$11,700
Pool Car	\$4,178	\$922	\$0	\$0	\$0		\$5,100
Telephone	\$8,930	\$1,970	\$0	\$0	\$0		\$10,900
Subscriptions	\$635	\$140	\$0	\$0	\$0		\$775
Parking	\$3,802	\$838	\$0	\$0	\$0		\$4,640
Mail	\$2,642	\$583	\$0	\$0	\$0		\$3,225
Registration	\$2,458	\$542	\$0	\$0	\$0		\$3,000
HR Services	\$574	\$126	\$0	\$0	\$0		\$700
Office Supplies	\$9,094	\$2,006	\$0	\$0	\$0		\$11,100
Equipment	\$11,470	\$2,530	\$0	\$0	\$0		\$14,000
Other Departments:							
Finance			\$34,400	\$4,300	\$4,300		\$43,000
Information Technology			\$34,400	\$4,300	\$4,300		\$43,000
Communications	\$11,470	\$2,530					\$14,000
	\$212,281	\$46,820	\$240,200	\$30,025	\$30,025	\$0	\$559,351

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

Items over \$5,000 will seek FDOT and FHWA approval prior to purchase.

UPWP WORK ELEMENT 2

DATA COLLECTION



MIAMI-DADE
METROPOLITAN
PLANNING
ORGANIZATION

ELEMENT 2: DATA COLLECTION

TASK NUMBER AND TITLE:

2.1 TRANSPORTATION / LAND USE COORDINATION

PURPOSE:

- To coordinate long- and short-range land use and demographic activities with the metropolitan transportation planning process.

PREVIOUS WORK:

- This is a continuing activity in Miami-Dade County's transportation planning process.
- Preparation of the 2010 and 2040 socioeconomic databases for use in the Southeast Regional Planning Model (SERPM 7.0).
- Participation in the 2040 Long Range Transportation Plan Steering Committee.
- Prepared travel market analysis based upon Longitudinal Employer-Household Dynamics (LEHD) and Origin-Destination Employment Statistics (LODES) data for Miami-Dade County.



REQUIRED ACTIVITIES:

- Review transportation-related projects/activities for consistency with metropolitan plans and policies.
- Review the bi-annual applications to amend the Comprehensive Development Master Plan (CDMP) and evaluate their potential impacts on the highway and transit systems.
- Assess the highway and transit impacts of proposed individual land development projects processed through the several types of development applications such as, Developmental Impact Committee (DIC) and Development of Regional Impact (DRI) processes.
- Assist the MPO through the Study Advisory Committees with inter-departmental coordination for studies to be conducted under the UPWP's:
 - Task 5.1 “General Planning Consultant (GPC) Support
 - Task 3.1 “Transportation Improvement Program (TIP)”
 - Task 4.1 “Long Range Transportation Plan (LRTP) to the Year 2045”
- Promote the concept of sustainable development with respect to transportation, by:
 - reducing travel demands associated with traditional development,
 - conserving scarce transportation fiscal and physical resources,
 - reducing environmental impacts particularly air pollution, resulting from travel generated as a result of development, and
 - encouraging non-traditional alternative forms of development such as nodal clustering, mixed use and transit-oriented development patterns.
- Development of alternative land use scenarios to be analyzed using the SERPM.
- Assistance with mapping of information (i.e. GIS) from the maintained databases.
- Review of technical studies which advance the state-of-the-art with respect to evaluating transportation-land use interactions, and incorporating those which are most promising into the current travel estimating and analysis procedures employed by the MPO.

ELEMENT 2: DATA COLLECTION

- Review and implement aspects related to land use coordination principles from the Fixing America's Surface Transportation (FAST) Act legislation.
- Maintain a current and accurate database by using local land use files, property information, employment information and U.S. Census materials related but limited to; American Community Survey (ACS), LEHD, and LODES.
- Evaluate proposed changes and adjustment to current base year (2010) and forecasted year (2040) databases.
- A 2040 Plus database will maintained which will reflect major land use changes that impact travel patterns at a traffic analysis zone (TAZ) level.
- Develop a new base year (2015) and forecasted year (2045) socioeconomic database consistent with the SERPM format to support the next LRTP Update process.
- 2015 Southeast Florida Travel (SEFL) Survey balance of work and respective funding are tied to the FYs 2015 and 2016 UPWP. As such, those consultant work efforts will continue to be reported under the Quarterly Progress Reports "Prior Years UPWP Continued Efforts". Project management of the SEFL will continue under this data related task.

END PRODUCTS: (ongoing throughout the year)

- New base year (2015) socioeconomic dataset consistent with SERPM format. (December 2017)
- New forecasted year (2045) socioeconomic dataset consistent with SERPM format. (June 2018)
- Memoranda on assessments of plans and projects as to their consistency with the adopted CDMP.
- Documentation on development of the Evaluation and Appraisal Report (EAR).
- Analyses of highway impacts and transit impacts of different zoning hearings applications, DIC, DRI, Advance Notifications and CDMP applications.
- Preparation of summary reports critiquing transportation components of proposed developments, including proposed transit and highway developer requirements.
- Verification of traffic analyses generated by other agencies and consultants.
- Proposals for long range plan refinement.
- Incorporation of promising transportation/land use impact analysis techniques and procedures into transportation planning processes.

PROJECT MANAGERS:

Wilson Fernandez, MPO
Mark Woerner, RER

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary Agency)
Miami-Dade Department of Regulatory and Economic Resources (RER)
Miami Dade Department of Transportation and Public Works (DTPW)
Florida Department of Transportation, District Six

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 2: DATA COLLECTION

WORK SCHEDULE: This is a continuing activity.

- Start Date: July 2016
- End Date: September 2018

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$49,246	\$10,861	\$22,194	\$2,774	\$2,774		\$87,850
County Indirect Costs:							
MPO	\$4,008	\$884	\$1,806	\$226	\$226		\$7,150
Other Departments:							
RER	\$57,351	\$12,649					\$70,000
Consultant:							
	\$40,965	\$9,035	\$80,000	\$10,000	\$10,000		\$150,000
	\$151,570	\$33,430	\$104,000	\$13,000	\$13,000	\$0	\$315,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$53,034	\$11,697	\$22,194	\$2,774	\$2,774		\$92,473
Indirect Costs:							
MPO	\$4,317	\$952	\$1,806	\$226	\$226		\$7,527
Other Departments:							
RER	\$24,579	\$5,421	\$32,000	\$4,000	\$4,000		\$70,000
Consultant:							
	\$122,895	\$27,105	\$0	\$0	\$0		\$150,000
	\$204,825	\$45,175	\$56,000	\$7,000	\$7,000	\$0	\$320,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

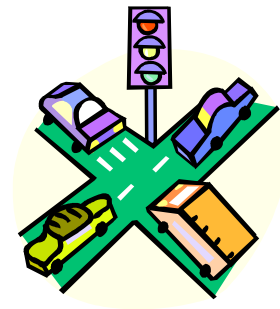
ELEMENT 2: DATA COLLECTION

TASK NUMBER AND TITLE:

2.2 HIGHWAY TRAFFIC COUNTING PROGRAM

PURPOSE:

Collect and provide information on the **current and historic trends of the countywide (non-state) highway traffic-counting system** as necessary to support for transportation systems planning, short-range highway planning, service concurrency evaluation for the Comprehensive Development Master Plan, project level analyses, and the private sector.



PREVIOUS WORK:

- Collected four hundred and fifty-two (452) traffic counts at station locations counted annually during calendar year 2015.

REQUIRED ACTIVITIES:

- Collect four hundred (400) traffic counts at station locations along county and city roads to be counted annually during calendar years 2017 and 2018. Traffic counts are held Tuesdays through Thursdays for 72 consecutive hours.
- Number of Counts are agreed upon by participating agencies based on ongoing count program. This work has been utilized for model validation and maintenance purposes and along with trend analysis and potential use for performance measures.
- Identify appropriate traffic count locations county-wide based upon an annual review of FDOT stations and station deficiencies with specific count location recommendations.
- Convert raw data to Average Weekday Daily Traffic (AWDT) Counts and report information by time-of-day.
- Catalog Miami-Dade County traffic volume information on traffic count lists for the current year.
- Maintain database (system programming and master data file) containing history of Miami-Dade County traffic counts for each traffic count station.
- Maintain station number and station location description lists and station number map for Miami-Dade County traffic count stations.
- Complete the needed tasks for system programming.
- Update hardware, software and training as needed.

END PRODUCT:

- AWDT count list and station map for past calendar year of the four hundred (400) count stations published and distributed annually per calendar year. (March 2018 for calendar year 2017 counts)
- Report of historical AWDT count trends for the selected locations county-wide.

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 2: DATA COLLECTION

PROJECT MANAGERS:

Wilson Fernandez, MPO
Gerard Osborne, DTPW

PARTICIPATING AGENCIES:

Miami-Dade MPO (Primary Agency)
Miami-Dade Department of Transportation and Public Works (DTPW)
Miami-Dade Department of Regulatory and Economic Resources (RER)

WORK SCHEDULE: There is no specific deadline for this task. This work item is a program of continuing planning activities.

- Start Date: July 2016
- End Date: June 2018

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$15,153	\$3,342	\$0	\$0	\$0		\$18,495
County Indirect Costs:							
MPO	\$1,233	\$272	\$0	\$0	\$0		\$1,505
Other Departments:							
DTPW	\$102,412	\$22,588					\$125,000
	\$118,798	\$26,202	\$0	\$0	\$0	\$0	\$145,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$15,153	\$3,342	\$0	\$0	\$0		\$18,495
County Indirect Costs:							
MPO	\$1,233	\$272	\$0	\$0	\$0		\$1,505
Other Departments:							
DTPW	\$40,965	\$9,035	\$0	\$0	\$0		\$50,000
	\$57,351	\$12,649	\$0	\$0	\$0	\$0	\$70,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

UPWP WORK ELEMENT 3

TRANSPORTATION IMPROVEMENT PROGRAM



MIAMI-DADE
METROPOLITAN
PLANNING
ORGANIZATION

ELEMENT 3: TRANSPORTATION IMPROVEMENT PROGRAM

TASK NUMBER AND TITLE:

3.1 TRANSPORTATION IMPROVEMENT PROGRAM

PURPOSE:

- **Maintain a formal and current 5-Year Transportation Improvement Program (TIP) consistent with long-range planning activities and with statutory requirements.** The TIP is the staged, intermodal program of transportation improvement projects for the metropolitan planning area developed pursuant to 23 Code of Federal Regulations part 450, and consistent with the requirements established in Title 23 USC 134(h) and Section 339.175 of the Florida statutes.
- **Maintain an interactive web-based application** – to foster public involvement and provide 24-hour access to TIP information. Maintain a Hyper Text Markup Language (HTML)/Javascript-based interactive application.



PREVIOUS WORK:

- This is a continuing work element of the metropolitan transportation planning process. Yearly cycle usually begins sometime during the month of June of a given year and extends through June of following year.
- Annual Obligation listings for fiscal year 2018-2022 (Year 1) and 2019-2022 (Year 2).

REQUIRED ACTIVITIES:

- Maintain the permanent Standing Committee for TIP Development and Review as a vehicle to facilitate a continuous and accurate involvement of the TIP document as the cycle progresses.
- Coordinate the preparation and prepare 5-year proposals for capital expenditures for all transportation modes. Coordinate input from all participating agencies. Coordinate with the Miami-Dade County Office of Management and Budget the review of capital budgets from county agencies to ensure conformity with the TIP and the Capital Improvement Element (CIE) of the Comprehensive Development Master Plan with the County's Annual Capital Budget and Multi-Year Capital Plan. Consider the requirements the Moving Ahead for Progress in the 21st Century (MAP-21) Act and the "Fixing America's Surface Transportation Act" or FAST Act signed into law by President Obama on December 4, 2015; or latest federal transportation bill in place at the time.
- All projects in the TIP have been identified and ranked in the 2040 Long Range Transportation Plan (LRTP) in the Priority II grouping (FY 2021 to FY 2025) and meet the LRTP goals and objectives, are cost feasible (demonstrated in funding for deployment and subsequent operations and maintenance). These TIP projects form the LRTP Priority II include the following:
 - Highway: new roads, roadway widening, resurfacing and reconstruction, bridges;
 - Transit fixed and non-fixed guideways, buses and bus facilities and bus routes and area transit service;
 - Non-Motorized: bicycle and Pedestrian facilities, safe routes to school, bike paths and trails;
 - Freight projects;
 - Congestion Management Projects.

ELEMENT 3: TRANSPORTATION IMPROVEMENT PROGRAM

- Review scope of projects, priorities and schedules. This work is usually carried out between the months of June and November of a given yearly cycle. Prepare the “MPO Program Transportation Priorities” to be submitted to FDOT on June 1, 2017 (for Year 1) and on June 1, 2018 (for Year 2).
 - Assist FDOT with ongoing Efficient Transportation Decision Making (ETDM) efforts.
 - Coordinate Transportation Improvement Program (TIP) development with long-range plan and its programmatic goals. Priority consideration to roadway segments identified as operating below acceptable level of service standards.
 - Maintain ongoing activities to monitor and report on progress and status of programmed projects.
 - Prepare document for MPO Committees, and Board review and approval.
 - Seek endorsement of TIP document by all MPO Committees, including the MPO Governing Board, by May 2017 (for Year 1) and May 2018 (for Year 2).
 - Upload and maintain the Interactive TIP application at the Miami-Dade MPO website. Upkeep Geographic Information Systems (GIS) shape files, TIP database, multimedia and data entry interface requirements for agencies to be able to populate database.
 - The update of the InteracTIP is an ongoing effort. It becomes labor intensive from December to May, while a new TIP is developed. It reflects monthly TIP amendments, the update of the Citizens TIP document and the multimedia that groups all end products. Also, it involves the updating of all GIS shape files, project pictures, project manager information and project advancement description.
- To compile and publish the Annual Obligation Listing, which is a listing of projects for which Federal Funds have been obligated in the preceding fiscal year. This documentation is coordinated with FDOT District Six Office and produced yearly and made available to the public in both paper and electronic format.

END PRODUCTS:

- A multi-modal Transportation Improvement Program (TIP) document for Fiscal Year 2017/2018, with forecasts of needs through FY 2021/2022 (June 2017)
- A multi-modal Transportation Improvement Program (TIP) document for Fiscal Year 2018/2019, with forecasts of needs through FY 2022/2023 (June 2018)
- Interactive TIP/LRTP at the MPO web site

PROJECT MANAGER:

Carlos Roa

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation - District Six
Miami-Dade Department of Transportation and Public Works (DTPW)
Miami-Dade Aviation Department
Miami-Dade Seaport Department
Miami-Dade Office of Management and Budget (OMB)
Miami-Dade Expressway Authority (MDX)
Florida's Turnpike Enterprise
South Florida Regional Transportation Authority

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 3: TRANSPORTATION IMPROVEMENT PROGRAM

WORK SCHEDULE: TIP document in June 2017 (Year 1) and June 2018 (Year 2), continued distribution and amendments throughout the years.

- Start Date: October 1, 2016 (for Year 1) and October 1, 2017 (for Year 2)
- End Date: September 2017 (Year 1) and September 2018 (Year 2)

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$65,156	\$14,371	\$51,785	\$6,473	\$6,473		\$144,258
County Indirect Costs:							
MPO	\$5,303	\$1,170	\$4,215	\$527	\$527		\$11,742
Other Departments:							
DTPW	\$32,772	\$7,228					\$40,000
OBM	\$40,965	\$9,035					\$50,000
Consultant:							
	\$65,544	\$14,456	\$0	\$0	\$0		\$80,000
	\$209,741	\$46,259	\$56,000	\$7,000	\$7,000	\$0	\$326,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$75,763	\$16,710	\$51,785	\$6,473	\$6,473		\$157,205
County Indirect Costs:							
MPO	\$6,167	\$1,360	\$4,215	\$527	\$527		\$12,795
Other Departments:							
DTPW	\$32,772	\$7,228	\$0	\$0	\$0		\$40,000
OMB	\$0	\$0	\$40,000	\$5,000	\$5,000		\$50,000
Consultant:							
	\$65,544	\$14,456	\$0	\$0	\$0		\$80,000
	\$180,246	\$39,754	\$96,000	\$12,000	\$12,000	\$0	\$340,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

UPWP WORK ELEMENT 4

LONG-RANGE TRANSPORTATION
(LRTP)



MIAMI-DADE
METROPOLITAN
PLANNING
ORGANIZATION

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

TASK NUMBER AND TITLE:

- 4.1 LONG RANGE TRANSPORTATION PLAN (LRTP)
UPDATE TO THE YEAR 2045



PURPOSE:

- Maintain a long-range transportation plan that is technically sound, multimodal in nature, financially feasible, consistent with community values and meet federal Moving Ahead for Progress in the 21st Century (MAP-21) requirements and requirements from the rulemaking process that will follow the “Fixing America’s Surface Transportation Act” or FAST Act passed into law on December 4, 2015 by President Obama. Also, any potential impacts from the newly approved National Ambient Air Quality Standards (NAAQS) approved by the US Environmental Protection Agency (USEPA) on October 1, 2015. To the extent feasible within this UPWP, address any new federal requirement related to any Global Warming and/or Sustainability/Resilience and Adaptability; or any other federal requirements that may arise.
- Ensure, to the maximum extent possible, Plan consistency with policies established in the Comprehensive Development Master Plan (CDMP).
- Utilize the Southeast Regional Planning Model (SERPM), which includes Miami-Dade, Broward and Palm Beach Counties to coordinate, amend, maintain and update the 2040 regional LRTP model as necessary.
- Address outstanding long-range transportation planning issues, air quality and current surface transportation issues and provide information for decision-making.

PREVIOUS WORK:

- This is a continuing activity in Miami-Dade County's transportation planning process.
- A major update of the LRTP to the Year 2040 was adopted in October 23, 2014(MPO Resolution # 20-14). Plan Update innovations included, among other things: a new activity-based regional transportation model; visualization techniques (interactive survey technology/virtual survey); reaching millennials; the Mobility Needs Assessment Tool (MNAT) was developed; financial set-asides for Non-Motorized/Congestion Management/Freight specific projects; emphasis on freight; integration of the Congestion Management Process (CMP) into the LRTP; Illustrative projects; and, a list of cost feasible projects including highway, transit, freight, non-motorized, plus a series of congestion management process projects; congestion management and express transit on managed-lanes applications; express lanes, plus plan performance (measures of effectiveness).
- The State of Florida was found to be in full attainment to ozone standards on June, 2005. That determination of compliance removed the requirement for Air Quality Conformity Determination Reports (CDRs) for both the Long Range Transportation Plan (LRTP) and Transportation Improvement Program (TIP). In addition, being an air quality conforming area, the LRTPs were to be updated every five years, as opposed to every four years for areas that are in non-attainment status.
- Regional LRTP.

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

REQUIRED ACTIVITIES:

Under current legislation the next LRTP Update to the Year 2045 is due for completion and adoption by October 2019. The following actions are expected to be completed during fiscal year 2016/17 as a part of the current LRTP Update effort under FAST Act guidelines:

- Process any LRTP amendment requests and/or modifications, as needed, maintaining the integrity of the Plan (Continuous process).
- Coordinate for Miami-Dade County with Regional Model any LRTP amendments and modifications (Continuous process)
- Any air quality conformity determination report needed, in response to a possible re-designation of air quality status from attainment to non-attainment. (Continuous process)
- Coordinate the General Planning Consultant “Multimodal Accessibility Based Needs Analysis” to be initiated March/April 2017.
- Initiate Development of a Scope of Services for the 2045 LRTP Plan Update (January/February 2017).
- Coordinate the initiation of the procurement of the 2045 LRTP Update Consultant Team (April/May 2017).

The following actions are expected to be completed during fiscal year 2017/2018 as part of the current LRTP Update effort under FAST Act guidelines:

- Coordinate for Miami-Dade County with Regional Model any LRTP amendments and modifications (Continuous process)
- Coordinate with federal, state, regional and/or local agencies any Sustainability/Resilience /Adaptability and or Global Warming and Air Quality Conformity Determination issues that may arise (Continuous process)
- Ensure a 2045 LRTP Update Consultant Team to be on-board by September/October 2017
- Coordinate with federal, state, regional and local agency partners the membership to the 2045 LRTP Steering Committee (September/October 2017)
- Plan to kick-off the 2045 LRTP Plan development (December 2017/January 2018).
- Coordinate any necessary updates for Miami-Dade County with Regional Activity-Based Model (Continuing process)
- Coordinate any needed Census socio-economic data updates (2015 baseline year and 2045 horizon year) and any Plan District structure and any structure modification needed at the Transportation Analysis Zone and Micro-Analysis zone levels (continuous process)
- Coordination with M-D and regional freight plan, M-D Congestion Management, M-D Non-Motorized Plan, regional LRTP, M-D GreenPrint and M-D Sustainability and Adaptability Plans (Continuous process).

END PRODUCTS:

- Updated LRTP Plan to include all approved amendments (Continuous process)
- Any air quality conformity determination report needed, in response to a possible re-designation of air quality status from attainment to non-attainment. (Continuous process)
- Scope of Services for 2045 LRTP Update (June 2017)
- 2045 Goals and Objectives (September 2018)
- Review local, state, federal regulations and goals (December 2017)

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

- Public Participation Plan development (November 2017)
- Data compilation, review and development (March 2018)
- Regional LRTP coordination (throughout adoption)
- Development of visualization tools (throughout adoption)

PROJECT MANAGER:

Carlos Roa

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary Agency)
Florida Department of Transportation, District Six and Four
Florida's Turnpike Enterprise
South Florida Regional Transportation Authority (SFRTA)
Miami-Dade Expressway Authority (MDX)
Miami-Dade Department of Transportation and Public Works
Miami-Dade Aviation and Seaport Departments
Miami-Dade Department of Regulatory and Economic Resources (RER)
Miami-Dade Office of Management and Budget
Citizen's Transportation Trust (CITT)
Broward and Palm Beach MPOs

WORK SCHEDULE:

Each regional subtask has an approximate completion date dependent upon coordination and completion of similar tasks by Broward and Palm Beach MPOs.
Next plan approval due October 2019.

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$34,094	\$7,519	\$40,688	\$5,086	\$5,086		\$92,473
County Indirect Costs:							
MPO	\$2,775	\$612	\$3,312	\$414	\$414		\$7,527
	\$36,869	\$8,131	\$44,000	\$5,500	\$5,500	\$0	\$100,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$64,399	\$14,204	\$51,785	\$6,473	\$6,473		\$143,335
County Indirect Costs:							
MPO	\$5,241	\$1,156	\$4,215	\$527	\$527		\$11,665
Consultant:							
	\$245,790	\$54,210	\$160,000	\$20,000	\$20,000		\$500,000
	\$315,430	\$69,570	\$216,000	\$27,000	\$27,000	\$0	\$655,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

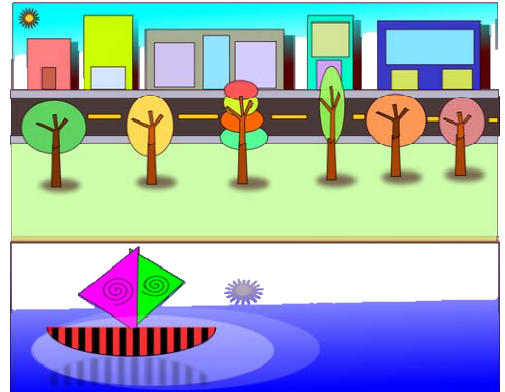
ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

TASK NUMBER AND TITLE:

- 4.2 MIAMI-DADE MPO MULTIMODAL ACCESSIBILITY BASED NEEDS ANALYSIS

PURPOSE:

- **Develop an Alternative Needs Assessment methodology based on accessibility performance metrics.** This analysis approach is to be used to evaluate the 2040 LRTP improvements to test the methodology in advance of the 2045 LRTP Plan Update.
- The Multimodal Accessibility based needs analysis tool addresses FHWA Ladders of Opportunity planning emphasis area.



PREVIOUS WORK:

- Development of the 2040 LRTP a Mobility Needs Assessment Tool (MNAT) was developed using the 2035 LRTP improvements to test the methodology in advance of the 2040 LRTP development. It was a refined tool for the needs assessment – a more strategic alternative approach to the typical system wide analysis used before that. The analysis balanced the demand capacity of transit and roadway infrastructure. The MNAT proved very innovative and useful and successfully supported the development of the 2040 LRTP.
- 2040 LRTP.

REQUIRED ACTIVITIES:

- Develop Accessibility data:
 - Review existing transportation network and land use data collected by the MPO
 - Identify data gaps
 - Collect additional data to fill the gaps
- Existing and future baseline assessment
 - Develop and apply a GIS-based accessibility tool to calculate existing and future accessibility scores for Census Block locations across Miami-Dade County. Summarize and map results, including:
 - Existing scores by mode
 - Future year scores by mode
 - Changes in scores by mode
- Review and update LRTP project needs using accessibility tool:
 - Estimate existing and future accessibility scores for each project in currently adopted LRTP
 - Summarize and rank scores across projects for existing and future years
- Use the existing and future year baseline accessibility results to identify needs and strategies beyond those listed in the LRTP:
 - Compare system wide outcomes versus goals (i.e., non-auto accessibility scores and mode shares lower than anticipated)
 - Compare corridor and sub-area outcomes versus goals

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

- Test potential land use modifications and/or project enhancements at the corridor and sub-area levels to improve outcomes
- Summarize accessibility results:
 - Summarize analysis results for Tasks 2 through 4
 - Develop tables and maps of future needs and strategies, including recommendations regarding land use policy and network solutions.
 - Compare system wide outcomes versus goals (i.e., non-auto accessibility scores and mode shares lower than anticipated) whether or not to carry-forward existing LRTP projects, modifying existing LRTP project to improve effectiveness, and adding projects / strategies for further assessment in the next LRTP update.

END PRODUCTS:

- Twenty Five (25) copies of the Final Report (full color). Pictures, charts, diagrams, maps, and tables should be included to facilitate the reading and illustrate the results of the study. (September 2017)
- One hundred (100) copies of the Executive Final Report (full color in a newsletter format and no more than 8 pages is recommended). (September 2017)
- A Power Point Presentation with the highlights of the result. (September 2017)
- Final Report and Executive Summary will be also submitted in electronic format (CD) to be posted in the MPO Website and for further reproduction and distribution. (September 2017)

PROJECT MANAGER: Carlos Roa

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation, District Six
Florida's Turnpike Enterprise
South Florida Regional Transportation Authority (SFRTA)
Miami-Dade Expressway Authority (MDX)
Miami-Dade Department of Transportation and Public Works
Miami-Dade Aviation and Seaport Departments
Miami-Dade Department of Regulatory and Economic Resources (RER)
Miami-Dade Office of Management and Budget

WORK SCHEDULE:

- Start Date: July 2016
- End Date: September 2017

PROJECT MANAGER:

Carlos Roa

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
 Florida Department of Transportation, District Six
 Florida's Turnpike Enterprise
 South Florida Regional Transportation Authority (SFRTA)
 Miami-Dade Expressway Authority (MDX)
 Miami-Dade Department of Transportation and Public Works
 Miami-Dade Aviation and Seaport Departments
 Miami-Dade Department of Regulatory and Economic Resources (RER)
 Miami-Dade Office of Management and Budget

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$15,153	\$3,342	\$0	\$0	\$0		\$18,495
County Indirect Costs:							
MPO	\$1,233	\$272	\$0	\$0	\$0		\$1,505
Consultant:							
	\$65,544	\$14,456	\$76,000	\$9,500	\$9,500		\$175,000
	\$81,930	\$18,070	\$76,000	\$9,500	\$9,500	\$0	\$195,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

TASK NUMBER AND TITLE:

4.3 MIAMI-DADE FREIGHT PLAN UPDATE



PURPOSE:

In keeping with the federal and State of Florida initiatives transportation planning activities will continue to incorporate considerations supporting and expanding Miami-Dade economic vitality, intermodal connections, multimodal shipping and safety improvements for trucking and goods movements. The updated County Freight Plan that will become the freight element of the 2045 Long Range Transportation Plan (LRTP). The updated County Freight Plan will also become the Miami-Dade County input to the 2045 Regional Freight Plan.

PREVIOUS WORK:

- 2013 Miami-Dade Freight Plan Update; Southeast Florida Regional Freight Plan; State of Florida Mobility and Trade Plan (Policy and Investment Elements).
- Intermodal, multimodal, and mode-specific studies including: Comprehensive Study of Overnight Truck Parking needs in Miami-Dade County, Transportation and Economic Impacts of the Freight Industry in Miami-Dade County
- Port of Miami and the Miami International Airport Master Plans
- Freight elements in the previous 2035 and 2040 LRTPs and Transportation Improvement Program.

REQUIRED ACTIVITIES:

The 2013 Freight Plan Update emphasized freight in parallel fronts to include the following:

- Current Assessment approach (from 2013 to 2018) - assess and recommend (infographic approach) how Miami-Dade County has fared since last 2013 Freight Plan Update on the following fronts:
 - Freight statistics that support any gains Miami-Dade County has made since 2013 to capitalize on the freight transportation advantages of Florida through collaboration on Economic Development, Trade and Logistics Program.
 - Improvements in operational efficiency of goods movement
 - Five to ten examples of lowering costs in the supply chain
 - Use truck surveys and industry data to develop an updated truck flow map
 - The commodity flow data and import-export data from the airport and the seaport within the 2013 Plan will be made current.
 - Report on freight investments made for all forms of cargo/trade transportation. Freight and goods movement in Miami-Dade County to include airports (Miami International Airport, Opa-Locka and Tamiami); Seaport (PortMiami); Miami River Port (SIS emerging water port); rail movements along CSX and FEC and connections to existing and future intermodal logistics centers.
 - Emphasis in freight logistics zone designation and its relationship to the foreign trade zone.

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

- Short-Term approach (first 5 years):
 - Identify connectivity and freight-specific traffic flow and movement deficiencies and bottlenecks on the surface transportation network.
 - Identify first and last mile gaps to be bridged.
 - Assess and Identify needs and location for potential new: Intermodal Logistic Centers (ILCs); Truck Parking; any new warehousing assets and trending locations; Freight Logistic Zones.
- Mid-Term (5 to 10 years):
 - Extract projects from the Port Miami and MIA master plans
 - Examine the needs plan from the 2040 LRTP to see what projects are freight related that need to be advanced and ways to accelerate their deployment.
 - Map the current freight facilities around the County including transportation, warehousing and distribution centers. Compare current roadway level of service maps to the facilities map and determine where deficiencies exist.

Involve Freight Trucking Advisory Committee (FTAC) in the development of updated evaluation measures.

Base on the above work tasks develop a list of freight projects and have them ranked by the FTAC.

The updated County Freight Plan that will become the freight needs element of the 2045 Long Range Transportation Plan (LRTP) and it will be used in the 2045 LRTP development to develop a 2045 Cost Feasible LRTP.

END PRODUCTS:

- Final Miami-Dade County Freight Plan Update Report (March 2018)
- Executive Summary Report and Brochure (March 2018)
- Maps Shape files and Power Point Presentation (March 2018)
- Twenty-five (25) copies of report, and printed materials that come from the study. (March 2018)
- Digital versions of the reports (March 2018)
- FTAC ranked list of projects (March 2018)

PROJECT MANAGER:

Carlos Roa

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation - District Six
Florida Turnpike Enterprise
Miami-Dade Expressway Authority
Miami-Dade Department of Transportation and Public Works
Miami-Dade Seaport Department
Miami-Dade Aviation Department

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

WORK SCHEDULE:

Start Date: July 2017
End Date: March 2018

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$15,153	\$3,342	\$0	\$0	\$0		\$18,495
County Indirect Costs:							
MPO	\$1,233	\$272	\$0	\$0	\$0		\$1,505
Consultant:							
	\$81,930	\$18,070	\$0	\$0	\$0		\$100,000
	\$98,316	\$21,684	\$0	\$0	\$0	\$0	\$120,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

TASK NUMBER AND TITLE:

- 4.4 ADDRESSING COMPLIANCE OF 2045 LRTP UPDATE WITH FEDERAL, STATE, REGIONAL AND LOCAL REQUIREMENTS



PURPOSE:

- The purpose of this work order is to review, evaluate, suggest and recommend new policies, programs and trends that have evolved at federal, state, regional and local levels since development of current 2040 Long Range Transportation Plan (LRTP) and the passage on December 5, 2015 of the “Fixing America’s Surface Transportation Act” or FAST Act. Based upon review of current transportation law, compare it against potential new law currently in the works in Congress. Identify new emphasis areas of the transportation bill, suggest performance measures and determine if they can be applied to current 2045 LRTP and if performance measure outcomes can be obtained.

PREVIOUS WORK:

- 2040 Long Range Transportation Plan (LRTP)
- Addressing 2040 LRTP Compliance of 2040 LRTP Update with Federal, State, Regional and local requirements.
- 2005 Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)
- Proposed new federal Transportation bill: Transportation Efficiency Act (NEXTEA)
- US Environmental Protection Agency Ozone and Particular matter standards
- LRTP Historical Trend

REQUIRED ACTIVITIES:

Task 1: Study Coordination

- The Consultant, in cooperation with the MPO will form a Study Advisory Committee (SAC). The SAC will include representatives of the Miami-Dade Department of Transportation and Public Works, the Florida Department of Transportation (FDOT), Miami-Dade Expressway Authority (MDX), Miami-Dade County of Regulatory and Economic Resources, Aviation Department and Seaport Department, among others.
- The consultant will hold meetings with the SAC to discuss relevant issues regarding the development and progress review of the study. These meetings will be held at the MPO or in a teleconference format, as appropriate.
- The consultant will present the results and recommendations of this study to the SAC and other MPO committees. A minimum of 4 presentations will be scheduled for this purpose.

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

Task 2: Literature Research

- a. The consultant will conduct a nationwide research to document best practices regarding the development of Long Range Transportation Plans (LRTPs) and evaluate those can be used for the purpose of this study.
- b. This research will include, but not be limited, to projects, concepts, strategies, state-of-the-art technology, presentations, visualization techniques, etc... related to the emphasis area identified in Task 3.
- c. As part of this task, the consultant will prepare a detailed summary of the findings including pros and cons of those elements that could be included in the development of the 2040 LRTP.

Task 3: Identify Emphasis Areas

In coordination with the Project Manager; the consultant will identify those areas within the LRTP that could be compared to determine the level of impact in the development future LRTPs. Some of these emphasis areas at federal, state, regional and local levels are, among others:

- Federal Emphasis Areas: Addressing new areas of federal emphasis unveiled after the approval of the current 20405 LRTP - including those to be included in the FAST Act and any new proposed federal Transportation bill reauthorization; to include at a minimum the following efforts:
 - (a) Freight Policy
 - (b) Policy Direction and new Funding Mechanisms
 - (c) Sustainability, Resilience and Climate Change
 - (d) Livability ; Complete Streets and Transportation Mode Options
 - (e) Transit Oriented Development (TOD)
 - (f) Health and Quality of life
 - (g) Aging Population and Transportation
 - (h) Safety and Security - including Safe Routes to School
 - (i) Air Quality Conformity to new USEPA Standards
 - (j) Performance Measures and Performance Management
 - (k) Regionalism
 - (l) Encourage new Parking facilities, parking mechanism, public/private partnerships
 - (m) Visualization and areas to ease the public understanding and engagement in the LRTP process
 - (n) Addressing any new areas of emphasis to be included in proposed federal Transportation bill reauthorization.
- State Emphasis Areas: Addressing new areas of federal emphasis unveiled after the approval of the current 2035 LRTP - including those to be included in proposed federal Transportation bill reauthorization among those:
 - (a) Policy Direction and new Funding Mechanisms
 - (b) New Air Quality Standards and air quality conformity determinations
 - (c) Land Use and Growth Management
 - (d) Sustainability and Climate Change
 - (e) Livability ; Complete Streets and Transportation Mode Options
 - (f) Transit Oriented Development (TOD)

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

(g) Safety and Security - including Safe Routes to School

- **Regional Emphasis Areas:** Addressing areas of local emphasis to include at a minimum the following efforts:
 - a. Policy Direction and new Funding Mechanisms
 - b. Regional Modeling: the activity-based model
 - c. Managed Lanes Network and Express Bus Service on Managed Lanes
 - d. Park-and-Ride facilities, Transit Oriented Development (TOD), Enhanced Transit Services, public/private partnerships.
 - e. HUD Grant and regional partnership
 - f. Transportation Mode Options
 - g. Discuss the relevance/need of project selection criteria in the LRTP
 - h. Updating the following Master Plans prior or concurrent with 2040 LRTP Development:
 - Freight Movement
 - Congestion Management
 - Non-Motorized Greenways
 - Transportation Performance Measures and Performance Management

- **Local Emphasis Areas:** Addressing areas of local emphasis to include at a minimum the following efforts:
 - a. Policy Direction
 - b. New Funding Mechanisms: congestion pricing and others
 - c. Enhanced Transit Services, Transit Park-and-Ride facilities, Express Bus Service, Transit Oriented Development (TOD), public/private partnerships.
 - d. Right-of-way dedications of larger cross-sections
 - e. Discuss the relevance/need of project selection criteria in the LRTP development
 - f. Land Use and Growth Management to include densification, right-of-way
 - g. Miami-Dade County Sustainability Plan: GreenPrint.
 - h. Complete Streets and Transportation Mode Options
 - i. Health and quality of life
 - j. Safety and Security - including Safe Routes to School

Task 4: Identify Performance Measures by Emphasis Area

To effectively manage information gathered from Task 2; the consultant team would need to group, classify, compare, analyze and process the information keeping in mind the following basic notions:

- d. Summarize current known requirements at federal and state levels
- b. Anticipate unknown requirements at federal and state levels
- c. Suggest regional optional policies and programs
- d. Identify those strong local policies that need to be met and that can address strong local desirable outcomes yet address the intent of the law at all other levels (federal, state and regional).

Task 5: Analysis of Data

- a. Compare current federal and state legislation and proposed and/or newly enacted legislation.
- b. Develop visualization tools to graphically compare the changes in the data.

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

- c. Cross reference effective ways to achieve local mandates meeting the intent of federal and state requirements.

Task 6: Analysis of Recommendations

Consultant Team to recommend effective ways to accomplish the project's objectives and how to approach the implementation.

Task 7: Recommendations

- e. Consultant Team would need to recommend how the newly identified areas of emphasis can be incorporated in the scoping of the 2040 LRTP.
- f. Consultant Team needs to identify the appropriate Performance Measures that are needed by emphasis areas at the different governmental levels.
- g. Consultant Team to recommend how the performance measures could be evaluated.

Task 8: Deliverables

- h. Twenty Five (5) copies of the Final Report (full color)
The report will also include pictures, charts, diagrams, maps, tables and other visual tools to facilitate the reading of the report and for better illustration of the actions recommended in the study.
- i. One hundred (100) copies of the Executive Final Report (full color in a newsletter format and no more than 8 pages is recommended)
- j. A Power Point Presentation with the highlights of the study
- k. Sample of the recommendations in the areas of public involvement, outreach, visualization and reporting that will contribute to enhance the 2045 LRTP
- l. Final Report will be also submitted in electronic format (CD) to be posted in the MPO Website and for further reproduction and distribution.

END PRODUCTS:

- Updated LRTP Plan to include all approved amendments (Continuous process)
- Any air quality conformity determination report needed, in response to a possible re-designation of air quality status from attainment to non-attainment. (Continuous process)
- 2045 Goals and Objectives (September 2018)

PROJECT MANAGER:

Carlos Roa

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary Agency)
Florida Department of Transportation, District Six
Florida's Turnpike Enterprise
South Florida Regional Transportation Authority (SFRTA)
Miami-Dade Expressway Authority (MDX)
Miami-Dade Department of Transportation and Public Works
Miami-Dade Aviation and Seaport Departments

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN (LRTP)

Miami-Dade Department of Regulatory and Economic Resources (RER)
 Miami-Dade Office of Management and Budget
 Citizen's Independent Transportation Trust (CITT)

WORK SCHEDULE:

Start Date: January 2017
 End Date: September, 2017

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$15,153	\$3,342	\$0	\$0	\$0		\$18,495
County Indirect Costs:							
MPO	\$1,233	\$272	\$0	\$0	\$0		\$1,505
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
FY 2016 Carryover			\$48,000	\$6,000	\$6,000		\$60,000
	\$16,386	\$3,614	\$48,000	\$6,000	\$6,000	\$0	\$80,000

Year 2 - FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

UPWP WORK ELEMENT 5

SPECIAL PROJECT PLANNING



MIAMI-DADE
METROPOLITAN
PLANNING
ORGANIZATION

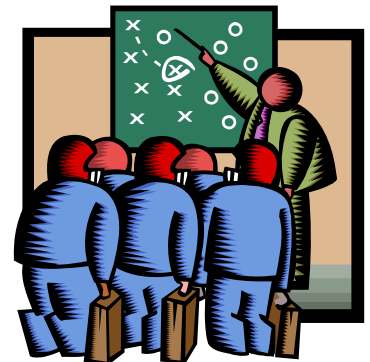
ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.1 GENERAL PLANNING CONSULTANT (GPC) SUPPORT

PURPOSE:

Provide professional planning services, as needed, to supplement the MPO's efforts in conducting the transportation planning process for Miami-Dade County.



PREVIOUS WORK:

The following studies were completed using GPC funds under this task:

- Beach Corridor Transit Connection Study
- SW 8th Street Corridor Study
- Bus Rapid Transit (BRT) Implementation Plan Along Transit Corridors
- LeJeune Road at SW 8th Street Intersection Improvement Study
- Impact of Port Tunnel in Downtown Miami
- Aerial Cable Transit Feasibility Study
- Guidelines for Municipal Circulators
- CSX East-West Rail Feasibility Study

In addition, the following studies are ongoing and will be completed during FY 2017:

- Reversible Lanes Along Thoroughfares
- SW 152nd Street Mobility Solutions
- Miami River Tunnel Feasibility Study
- Transit Oriented Development (TOD) Evaluation along the CSX East-West Corridor
- CSX South Premium Transit Feasibility

REQUIRED ACTIVITIES:

The MPO has an existing open contract with five (5) consulting firms to assist staff in conducting transportation planning related activities. These services are on an as-needed basis and work orders are assigned to the consultants based on their expertise.

Type of Services

The consultant will be required to perform any one or more of the following activities:

- Data collection regarding traffic and transit information, such as: traffic counts, accident records, surveys, passenger counts, vehicle delays, etc.
- Update and analyze existing transportation data to determine transportation needs including, but not limited to travel demand and air quality modeling, level of services (LOS) and future travel projections.

ELEMENT 5: SPECIAL PROJECT PLANNING

- Preparation of maps, presentations and reports using state-of-the-art techniques, including but not be limited to Geographic Information System (GIS), 3-D effects and any other visual tools available in the market.
- Any other miscellaneous activities that may be needed to support the MPO's Transportation Planning Process.
- “Call for Ideas” efforts as identified in Task 5.2 and other studies listed in this document.

Process

- A Scope of Work (SOW) is prepared by MPO staff in coordination with the appropriate agencies/entities that will be involved in the development and/or implementation of the study.
- This draft SOW will be submitted to the Florida Department of Transportation (FDOT) for comments and concurrence.
- FDOT will provide their comments and concurrence to the MPO within two (2) weeks of the receipt of the draft SOW.
- The MPO will present this draft SOW to the Transportation Planning Council (TPC) for their comments and recommendations.
- Comments received from FDOT and the TPC will be incorporated in the draft SOW, as appropriate.
- Final SOW will be submitted to the MPO Governing Board for approval.
- Once the SOW is approved by the MPO Governing Board, staff will initiate the selection process of the consultant.
- Once the consultant is selected, a Notice to Proceed (NTP) letter will be issued to the selected consultant.
- For FTA funded studies, MPO staff will request to FDOT 3rd party approval prior to issuing the NTP letter.
- For FHWA funded studies, FDOT will obtain FHWA approval of the proposed SOW.
- This process does not apply to studies already included in Section 5.2 “Call for Ideas” of the UPWP.

END PRODUCTS:

All end products will be delivered as requested for each work order. Final and executive reports will be submitted in an electronic copy for further distribution and posting in the MPO Website.

PROJECT MANAGER:

Oscar Camejo

PARTICIPATING AGENCIES:

Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation (FDOT) District Six
Other agencies and entities, as appropriate.

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

WORK SCHEDULE:

Anticipated completion dates will vary with each study depending on when the work orders are issued.

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$129,555	\$28,574	\$114,667	\$14,333	\$14,333		\$301,463
County Indirect Costs:							
MPO	\$10,545	\$2,326	\$9,333	\$1,167	\$1,167		\$24,537
Consultant:							
	\$517,798	\$114,202	\$543,200	\$67,900	\$67,900		\$1,311,000
	\$657,898	\$145,102	\$667,200	\$83,400	\$83,400	\$0	\$1,637,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$143,193	\$31,582	\$114,667	\$14,333	\$14,333		\$318,108
County Indirect Costs:							
MPO	\$11,655	\$2,570	\$9,333	\$1,167	\$1,167		\$25,892
Consultant:							
	\$254,802	\$56,198	\$0	\$0	\$0		\$311,000
	\$409,650	\$90,350	\$124,000	\$15,500	\$15,500	\$0	\$655,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

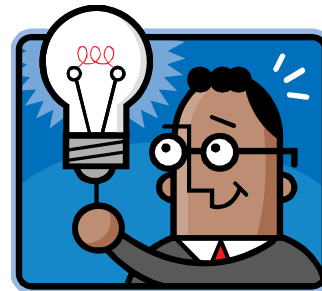
ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.2 CALL FOR IDEAS

PURPOSE:

To solicit transportation planning ideas from the general public and other agencies that can lead to effective solutions to deal with traffic congestion in Miami-Dade County for the FY 2017 and 2018 program.



PREVIOUS WORK:

In the 2nd year of prior document (FYs 2015 and 2016 UPWP), the following studies were incorporated under this Task:

- Bike Friendly Miami-Dade Plan
- Federal Planning Emphasis Areas for Miami-Dade County
- Optimizing Transit Revenue and Capacity
- Evaluating Feasibility of Superarterials
- Safe Routes to School 2015
- Evaluation of Multimodal Options in South Miami Dade
- Visualization Tool of Travel Flow
- Countywide Bus Access and Transfer Facility Assessment
- Online Walk to School Route Planner – Phase II
- Bikeway Connection Plan

REQUIRED ACTIVITIES:

- During the development of this document, below ideas were recommended for award during the first year of this document (FY 2017):
 - Protected Bike Lanes for Miami-Dade County (Task 5.3)
 - Aging Road Users Strategic Safety Plan (Task 5.4)
 - Bicycle/Pedestrian Data Collection (Task 5.5)
 - Connecting the Highway Network Missing Links (Task 5.6)
 - Impact of the Future Technology in the 2045 LRTP (Task 5.7)
 - First/Last Mile with High Trip Generator Employers (Task 5.8)
 - Transportation and Land Use Visioning in Miami-Dade County (Task 5.9)
- Project management staff charges for the above studies awarded through this program will be charged to this task.
- Update the new “Call for Ideas” solicitation documentation for FY 2018.
- Solicit the general public and other agencies through this effort for the FY 2018 “Call for Ideas” and amend this document to include the new shortlisted ideas for the second year of this document.

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

- Recommend studies for the FY 2018 program submitted to the Transportation Planning Council (TPC) and ultimately the MPO Governing Board for approval.

END PRODUCTS:

- FY 2018 studies to be adopted by the Board will be incorporated into the second fiscal year of this document under this work element. (June 2017)

PROJECT MANAGER: Oscar Camejo

PARTICIPATING AGENCY:

Miami-Dade Metropolitan Planning Organization

WORK SCHEDULE:

- Start Date: July, 2016
- End Date: September 2018 (Studies may be completed beyond this date for FY 2016 new studies)

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$109,857	\$24,229	\$81,376	\$10,172	\$10,172		\$235,807
County Indirect Costs:							
MPO	\$8,942	\$1,971	\$6,624	\$828	\$828		\$19,193
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$118,799	\$26,201	\$88,000	\$11,000	\$11,000	\$0	\$255,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$117,432	\$25,900	\$85,075	\$10,634	\$10,634		\$249,677
County Indirect Costs:							
MPO	\$9,558	\$2,109	\$6,925	\$866	\$866		\$20,323
Consultant:							
	\$245,790	\$54,210	\$0	\$0	\$0		\$300,000
	\$372,780	\$82,220	\$92,000	\$11,500	\$11,500	\$0	\$570,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.3 PROTECTED BIKE LANES MASTER PLAN

PURPOSE:

To improve mobility by developing projects, programs and policies that increase access to practical destinations by bicycle.

PREVIOUS WORK:

The Non-Motorized Network Connectivity Plan (2015)
Miami-Dade Complete Streets Manual (2014)
Application of Innovative Strategies to Improve Bicycle Safety and Mobility (2014)



REQUIRED ACTIVITIES:

- Study coordination: Form a project advisory committee including the MPO, FDOT, DTPW and SFRTA to provide input, review work products and assist with the development of the project recommendations
- Public involvement: Present to the MPO's Bicycle/Pedestrian Advisory Committee to raise awareness of the project and solicit input.
- Background Research: Review the previous MPO studies as well as current information and best practices from the Federal Highway Administration, FDOT and the non-profit "Green Lanes Project" regarding complete streets, innovative design and traffic management strategies. Review the Strategic Miami Area Rapid Transit (SMART) plan for future transit service and facilities.
- Data collection: Use traditional data (Census Bureau, bicycle crash data) and innovative (CitiBike, Strava) to identify bicycle traffic activity. Prepare maps of transit station areas showing land use, important destinations, existing and planned bicycle facilities.
- Recommendations: Establish goals and objectives for increasing bicycle access to neighborhoods and employment centers. Identify projects, programs and policies to achieve these goals and objectives, including the use of protected bike lanes. Develop general cost estimates for recommendations.
- Prioritize at least two "pilot projects" for early implementation to demonstrate the concept of first/last mile connectivity for bicyclists. Coordinate with relevant agencies to fast-track demonstration project implementation.
- Final report: Prepare a final report, including executive summary and project presentation.

END PRODUCTS:

- Final Report and Executive Summary in hard copy and electronic formats. (June 2017)
- Project summary presentation. (July 2017)

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

PROJECT MANAGER:

Oscar Camejo, MPO

PARTICIPATING AGENCY:

Miami-Dade Metropolitan Planning Organization

WORK SCHEDULE:

- Start Date: July 2016
- End Date: June 2017

FUNDING: MPO project management staff charges for this effort applied to “Call for Ideas” Task 5.2.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$49,158	\$10,842	\$0	\$0	\$0		\$60,000
	\$49,158	\$10,842	\$0	\$0	\$0	\$0	\$60,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

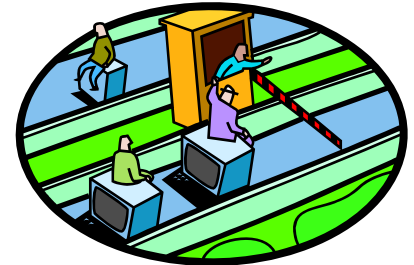
ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.4 AGING ROAD USERS STRATEGIC SAFETY PLAN

PURPOSE:

Produce a Miami-Dade Aging Road User Strategic Safety Plan as a guide for evaluating local transportation conditions for older persons and develop recommendations for achieving state goals and objectives.



PREVIOUS WORK:

The FDOT Aging Road User Strategic Safety Plan was developed in 2011. The MPO Governing Board has approved Resolution #09-16 establishing a policy to promote age-friendly design and accessibility in MPO projects wherever feasible and directing MPO staff to be a partner in the Age-Friendly Initiative

REQUIRED ACTIVITIES:

- Study coordination: Form a project advisory committee including the MPO, FDOT, DTPW, and staff from the Age Friendly Initiative to provide input, review work products and assist with the development of the project recommendations.
- Public involvement: Coordinate with existing groups, including the Alliance for Aging, to raise awareness of the project and solicit input.
- Background Research: Review the FDOT Aging Road User Strategic Safety Plan and coordinate with the FDOT Safe Mobility for Life Coalition regarding updates
- Data collection: Use the ARUSSP as a guide to collect data and evaluate the conditions for aging road users in the areas of:
 - Outreach and Education
 - Advocacy and Policy
 - Aging in Place
 - Assessment, Remediation and Rehabilitation
 - Licensing and Enforcement
 - Other Road Users (pedestrians, transit riders, bicyclists)
 - At-Risk Drivers
 - Mobility Independence
- Recommendations: Identify needs and opportunities related to the planning areas, resources and responsible parties.
- Final Report: Prepare a final report, including executive summary and project presentation

END PRODUCTS:

- Final report and executive summary in hard copy and electronic formats. (June 2017)
- Project summary presentation. (July 2017)

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

PROJECT MANAGER:

David Henderson

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization
 Miami-Dade County Transportation and Public Works
 Florida Department of Transportation District Six
 Miami-Dade Age Friendly Initiative

WORK SCHEDULE:

- Start Date: July 2016
- End Date: July 2017

FUNDING: MPO project management staff charges for this effort applied to “Call for Ideas” Task 5.2.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$32,772	\$7,228	\$0	\$0	\$0		\$40,000
	\$32,772	\$7,228	\$0	\$0	\$0	\$0	\$40,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.5 BICYCLE/PEDESTRIAN DATA COLLECTION

PURPOSE:

Conduct data collection of bicyclists and pedestrians at locations throughout Miami-Dade County during the winter and summer seasons



Assemble and analyze non-motorized transportation data from other sources including FHWA, US Census Bureau, FDOT and the Strava app to better understand non-motorized travel in Miami-Dade County and identify data deficiencies, and opportunities for additional data collection.

Coordinate with the FDOT statewide bike/pedestrian data collection pilot project.

PREVIOUS WORK:

Bicycle and pedestrian counts have previously been conducted in 2007 and 2014. Permanent trail counters were installed on the M-Path and the Snake Creek Trail in 2014 by the non-profit Rails-to-Trails Conservancy. Additional portable trail counters have been mounted by DTPW on the Rickenbacker and Venetian Causeways in 2016.

REQUIRED ACTIVITIES:

- Form study advisory committee including representatives from FDOT, Department of Transportation and Public Works, the Parks, Recreation and Public Spaces (PROS), and relevant municipalities to provide input to the project.
- Background Research: Review previous count reports, current data collection efforts and the FDOT statewide non-motorized count program
- Review available technologies for non-motorized data collection including manual, video, portable counters, etc.
- Select count locations, days and times for consistency with previous efforts
- Perform data collection
- Prepare final report including recommendations for future activities

END PRODUCTS:

- Final Report and Executive Summary in hard copy and electronic formats.

PROJECT MANAGER:

David Henderson

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization
 Miami-Dade County Department of Transportation and Public Works
 Miami-Dade Parks, Recreation and Open Spaces
 The Cities of Miami, Miami Beach and North Miami Beach
 Florida Department of Transportation District Six and Central Office

WORK SCHEDULE:

Start Date: April 2017
 End Date: March 2018

FUNDING: MPO project management staff charges for this effort applied to “Call for Ideas” Task 5.2.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$73,737	\$16,263	\$0	\$0	\$0		\$90,000
	\$73,737	\$16,263	\$0	\$0	\$0	\$0	\$90,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

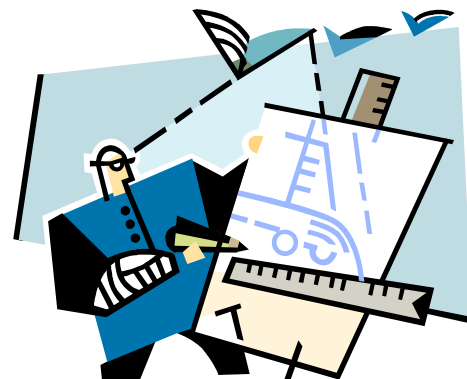
*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.6 CONNECTING THE HIGHWAY NETWORK
MISSING LINKS

To evaluate the existing and planned highway network and provide the needed connectivity to meet the future demand in accessing major job employment and activity centers in Miami-Dade County.



PREVIOUS WORK:

Tolled Managed Highways with Rapid/Enhanced Bus Routes
Arterial Grid Network Phase II
2040 Long Range Transportation Plan
MDX Master Transportation Plan
South Florida Regional Concept for Transportation Operations
2040 Regional Transportation Plan

REQUIRED ACTIVITIES:

- Coordinate with key stakeholder agencies including FDOT, MDX, Florida's Turnpike Enterprise, DTPW, etc. This coordination will be primarily conducted through a Study Advisory Committee which will meet regularly during the course of the study.
- Review short and long range plans affecting Miami-Dade County will be undertaken with an assessment of their impact upon the planned highway network.
- Analyze current and future travel major markets to major activity centers in Miami-Dade County.
- Assess level of service for current all highway facilities.
- Perform a capacity analysis to evaluate how these facilities are able to meet existing and forecasted demand including access to major job employment centers.
- Identify key gaps, linkages or extensions needed to address forecasted travel needs based on study analyzes. Maximize multimodal utility of these identified potential projects.
- Prepare a demand analysis of these identified gaps, linkages or extensions for the current and future year conditions.
- Provide a prioritized list of recommendations.
- Prepare order-of-magnitude capital cost estimates.
- Develop potential revenues sources of these facilities.
- Prepare graphics to visualize location and scope of prosed improvements.

END PRODUCTS:

- Final Report with Recommendations. (September 2017)
- Executive Summary Report. (September 2017)
- Power Point Presentations. (October 2017)

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

PROJECT MANAGER: Wilson Fernandez

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
 Florida Department of Transportation - District Six
 Miami-Dade Department of Transportation and Public Works
 Miami-Dade Expressway Authority (MDX)
 Florida's Turnpike Enterprise
 Miami-Dade Department of Regulatory and Economic Resources (RER)

WORK SCHEDULE:

Start Date: July 2016
 End Date: October 2017

FUNDING: MPO project management staff charges for this effort applied to "Call for Ideas" Task 5.2.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
FY 2016 Carryover	\$20,483	\$4,518	\$0	\$0	\$0		\$25,000
			\$40,000	\$5,000	\$5,000		\$50,000
	\$20,483	\$4,518	\$40,000	\$5,000	\$5,000	\$0	\$75,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.7 IMPACT OF THE FUTURE TECHNOLOGY IN THE 2045 LRTP

PURPOSE:

To evaluate existing and future technology that will impact and transform the approach in conducting the transportation planning process. Miami-Dade MPO will develop the necessary steps for facilitating the implementation of these concepts in the 2045 LRTP.



PREVIOUS WORK:

None related.

REQUIRED ACTIVITIES:

- Conduct a literature review and define all existing and future vehicle specific technology that may have an impact on how the transportation planning process relating to the 2045 Long Range Transportation Plan (LRTP), is approached and explain the various potential impacts that they will have, such as Web-connected Vehicles, Autonomous Cars, Automated Trucks, Zero Emission Vehicles, and others, (E.g. clarify what effects autonomous vehicles will have on transit/traffic flow within the county etc.). Also define the current ITS architecture and what will be needed for interoperability and communication of information.
- Identify steps to be taken to create a successful *Smart Community* (converging of physical infrastructure, communications and analytics – to infuse intelligence into communities) in Miami-Dade County by establishing a common infrastructure that is interoperable and can support subsequent applications where vast amounts of data from multiple systems move across a shared platform. Communication at the city level and municipal systems – such as transportation, public safety, climate change, sea-water rising, resilience and zero emissions technology – can be integrated and managed to optimize the function of all city services.
- Study Coordination: Solicit input from relevant agencies including FDOT, Florida Turnpike Enterprise, and Miami-Dade Expressway Authority, Miami-Dade Department of Regulatory and Economic Resources (RER) and other transportation partners.
- Clearly identify and define the following new technologies affecting transportation and how they will affect the transportation planning process relating to the 2045LRTP:
 - **Telecommunications and Information Technologies** – In transportation, these technologies have found diverse applications.
 - *Cellular Phones and GPS Systems* – Today’s phones and near-ubiquitous networks (cellular or satellite) provide speedy economical services, allowing users to communicate almost anywhere in the world.
 - *Tele-substitutions* – Advances in computer and communications technology such as telecommuting and e-commerce may mitigate the need for some transportation capacity improvements.

ELEMENT 5: SPECIAL PROJECT PLANNING

- **Intelligent Transportation Systems (ITS)** – Information technologies applied to transportation include a broad array of devices, functions, and supporting tools used in sensing, generating, processing, transmitting, communication, monitoring and presenting information. Among others:
 - *Innovative Zero-Emissions technology products*
 - *Solar-Powered technology*
 - *3-D Printer technology*
 - *Smart-City Concepts*
 - *Personal Pod Transportation*
 - *Automatic Vehicle Location (AVL)* – AVL is a technological capability to track vehicles and relay location information to central locations.
 - *Traveler Information Services* – Real-Time information services provided by both public and commercial enterprises, enable individuals to make better use of the transportation system.
- **Alternative Fuels and Vehicles for Ground Transportation** – Discuss of alternative fueled and zero emissions vehicles will affect transportation planning process.
- Contrast the advantages and disadvantages of implementing each type of technology along with explaining what difficulties may arise upon initial implementation.
- Develop a graphic flow chart that clearly depicts the time frame needed for implementation along with the costs and revenues associated with each type of technology. Also define a step by step process of how each technology will go from concept to deployment.
- Advance the ITS architecture and infrastructure that will be needed to effectively support, interconnect and implement all discussed existing and future technology and what support technologies and platform will be necessary to maintain real-time information exchange and support real-time service delivery to users.

END PRODUCTS:

- Final Report with Recommendations (June 2017)
- Executive Summary Report (June 2017)
- A Power Point Presentation (June 2017)
- Any brochure or printed material that contributes to enhance the study. (June 2017)

PROJECT MANAGER:

Tewari Edmonson

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Miami-Dade Aviation Department
Florida Department of Transportation - District Six
Miami-Dade Department of Regulatory and Economic Resources (RER)
Miami-Dade Office of Management and Budget
Miami-Dade Department of Transportation and Public Works
Miami-Dade Seaport Department
Miami-Dade Expressway Authority (MDX)

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

Florida Turnpike Enterprise
South Florida Regional Transportation Authority (SFRTA)

WORK SCHEDULE:

Start Date: July 2016
End Date: June 2017

FUNDING: MPO project management staff charges for this effort applied to “Call for Ideas” Task 5.2.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$16,386	\$3,614	\$0	\$0	\$0		\$20,000
FY 2016 Carryover			\$48,000	\$6,000	\$6,000		\$60,000
	\$16,386	\$3,614	\$48,000	\$6,000	\$6,000	\$0	\$80,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.8 FIRST/LAST MILE PILOT WITH HIGH-TRIP GENERATOR EMPLOYERS

PURPOSE:

To develop an implementation plan for improving urban commuter mobility in Miami-Dade, by connecting major trip generators for example medical, education and retail facilities and other large employer centers.



“*First Mile*” is a term used to describe the difficulty in getting people to reach a mode of transportation from their starting location. “*Last Mile*” is a term used to describe the difficulty in getting people from a transportation hub to their final destination.

PREVIOUS WORK:

- MPO developed internally a Toolbox for First and Last Mile Options brochure.

REQUIRED ACTIVITIES:

- Conduct a literature review and clearly define and explain what the First/Last Mile of a trip means, why it is an issue and how can that gap be bridged. Also describe all the previously implemented solutions and their outcomes. Specifically, list and describe what has, and has not work and the locations of these implementations. Need 10 examples worldwide of each.
- Identify and show geographic location (map) and distances between all major trip generators throughout the county with their surrounding population densities, and the modal split of the surrounding population.
- Identify all types of commuter services provided by the defined high trip generators and include them in first/last mile solution strategies.
- Report the average distances traveled from each place of trip origin to each high trip generator location, along with the times of those trips.
- Create a map showing all public transit modes that can be utilized within the defined high trip generator locations. Also obtain and synthesize the schedule of all the previously mentioned transit modes in order to obtain a more seamless transfer schedule.
- Use Census Bureau information in high trip generator locations and list and describe all the unlinked first and last mile challenges faced by users who do not use transit as an option, along with the user’s age and trip purpose.
- Describe all types of challenges – and solutions to each of those challenges. (Accessibility, Less than ideal transfer time schedules, Barriers, Traffic Speed, Road Geometry, Bicycle/Parking facilities etc.)
- Discuss Signage and Wayfinding and how it can be beneficial in promoting easier First/Last mile trips. Ensure all possible/existing connections are available and represented in real-time online. System should complement the MDT Tracker mobile application.

ELEMENT 5: SPECIAL PROJECT PLANNING

- List and describe all benefits of overcoming the First/Last mile issues relating to transit. (E.g. Less Greenhouse Gas Emission, Monetary Savings, Health Benefits etc.)
- Describe ways to make transfers from one mode to another more easy and seamless.
- Discuss the feasibility of implementing ridesharing such as Uber or Lyft to complete the First/Last mile of a transit oriented trip.
- Address Pedestrian Safety and Comfort issues that may arise with more people using walking or bicycling to complete the First/Last Mile of a trip.
- Present and discuss any emerging developments or technology which may help in overcoming First/Last mile issues. Provide at least 10 examples of successful locations. And recommend locations in Miami Dade County where previously proven strategies could be implemented and utilized.
- Study Coordination: Solicit input from relevant agencies including FDOT, Miami-Dade Department of Transportation and Public Works, Miami-Dade Expressway Authority and other transportation partners.
- Contrast the advantages and disadvantages of each type of solution presented for improving urban commuter mobility in the county.
- Develop a graphic flow chart that clearly depicts the costs and revenues associated with each specific implementation method.
- Clearly define a strategic implementation plan for improving urban commuter mobility in Miami-Dade County by connecting major trip generators, with clear and measurable goals. Also list the existing conditions, and future conditions and forecasts after implementation plan.
- Recommend, based on existing ITS architecture and interoperability of systems across the county, a sound, sequential, interconnected and well supported methodology to bridge the gap between services and *First/Last* mile users.

END PRODUCTS:

- Final Report with Recommendations (June 2017)
- Executive Summary Report (June 2017)
- A Power Point Presentation (June 2017)
- Any brochure or printed material that contributes to enhance the study (June 2017)

PROJECT MANAGER:

Wilson Fernandez

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation (FDOT) - District Six
Miami-Dade Department of Regulatory and Economic Resources (RER)
Miami-Dade Department of Transportation and Public Works
Miami-Dade Expressway Authority (MDX)

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

WORK SCHEDULE:

Start Date: July 2016
End Date: January 2017

FUNDING: MPO project management staff charges for this effort applied to “Call for Ideas” Task 5.2.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$16,386	\$3,614	\$0	\$0	\$0		\$20,000
FY 2016 Carryover			\$64,000	\$8,000	\$8,000		\$80,000
	\$16,386	\$3,614	\$64,000	\$8,000	\$8,000	\$0	\$100,000

Year 2 -FY 2017/18*

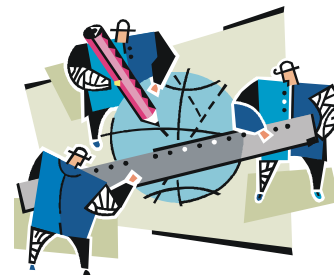
Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.9 TRANSPORTATION AND LAND USE VISIONING IN MIAMI-DADE COUNTY



PURPOSE:

The integration of transportation and land use vision to accommodate economic development and transit supportive strategies along the identified Strategic Miami Area Rapid Transit (SMART) Plan premium transit corridors.

PREVIOUS WORK:

Examples of previous work include but not limited to the following efforts:

- South Link Study and Update
- North Corridor FEIS
- Transit Hub Evaluation Study
- South Florida East Coast Corridor Study
- Beach Corridor Transit Connection Study
- Kendall Link Study

REQUIRED ACTIVITIES:

- Coordinate with key agencies at the state, county and municipal levels, including with on-going efforts for the specified corridors.
- Review of all related studies and land use policies for identified SMART corridors.
- Effort to include examples of successful strategies employed by other communities across the U.S. and at the international levels.
- Assess local opportunities and challenges to implement vision strategies within Miami-Dade County.
- Collect current and forecasted socio-economic trends/data along the SMART corridors.
- Identification of key urban center and station nodes for future densification and greater activity.
- Evaluate suitability of various land use/transit integration strategies on a nodal basis.
- Prepare an impact analysis of the proposed land use strategies with concern of livability, economics, and transportation.
- Prepare alternate land use scenarios utilizing socioeconomic characteristics supported by the regional model (SERPM) for each of the SMART corridors.
- Develop a “Land Use/Transportation Action Plan for Miami-Dade County” that clearly defines the possible combinations of strategies to achieve a sustainable community through mobility, economic vibrancy, and livability principles for each of the SMART corridors.

ELEMENT 5: SPECIAL PROJECT PLANNING

END PRODUCTS:

- Final Report with Recommendations (December 2017)
- Executive Summary Report (December 2017)
- A Power Point Presentation (December 2017)
- Any brochure or printed material that contributes to enhance the study (December 2017)

PROJECT MANAGER:

Wilson Fernandez

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation - District Six
Miami-Dade Department of Regulatory and Economic Resources (RER)
Miami-Dade Department of Transportation and Public Works (DTPW)
Miami-Dade Expressway Authority (MDX)
Florida Turnpike Enterprise
Citizen's Independent Transportation Trust (CITT)
Municipalities within Miami-Dade County

WORK SCHEDULE:

Start Date: July 2016
End Date: December 2017

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

FUNDING: MPO project management staff charges for this effort applied to “Call for Ideas” Task 5.2.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$82,400	\$10,300	\$10,300		\$103,000
FY 2016 Carryover			\$117,600	\$14,700	\$14,700		\$147,000
	\$0	\$0	\$200,000	\$25,000	\$25,000	\$0	\$250,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.10 VISUALIZATION TOOL OF TRAVEL FLOW

PURPOSE:

To develop a web-based application / tool which will provide users, i.e. residents, professional community, and elected officials, with travel information via the internet. The application will include information on congestion, travel times, and the potential to use other modes such as transit to complete a trip.



PREVIOUS WORK:

Internet applications were previously developed for the Transportation Improvement Program (TIP) in 2002 and for the Long Range Transportation Plan (LRTP) in 2009.

REQUIRED ACTIVITIES:

- **Study Coordination:** to provide for communication, coordination, and input from governmental agencies impacted, or with an interest in the study.
- **Data and Analysis:** The approach to be employed is an automated process of extracting travel-origin destination information from the U.S. Census and the Long Range Transportation Plan (LRTP) to provide a graphic visualization end-product that facilitates user analysis of personal travel movement information. This task will focus on gathering the information relevant to the development of the application/tool.
- **Application/Tool Functionality:** To provide the needed functionality, a web-enabled application is to be developed that hosts a geo-database that can tie together the geographic and non-geographic information at the Micro-Analysis Zone (MAZ) level. In essence, data in various forms is inputted into a centralized geo-database that resides at the MPO.
- **Evaluation/Peer Review:** To provide the beta test ready version of the application to the TPTAC / PAT for evaluation and debugging. The Consultant will document and implement all MPO project manager approved application enhancements, based on the feedback received during the testing period.
- **Development of Final Tool for Implementation:** present the final recommended application tool, and to present this to the TPTAC/PAT and other MPO committees for further action, as appropriate.
 - Provide a Training/User's manual and a canned Power Point presentation depicting the sequential steps needed from data input to visual output delivery.
 - The consultant will develop the action plan including: time schedule, estimated costs and next steps
- **Development of Final Tool for Implementation:** The purpose of this task is to present the final recommended application tool, and to present this to the TPTAC/PAT and other MPO committees for further action, as appropriate.

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

END PRODUCTS:

- Final Report (hard copies and electronic copies) including: (October 2016)
 - Detailed documentation of after delivery support.
 - Detailed documentation of recommendations for further application development.
 - Detailed documentation of all graphic files and presentation materials should be delivered to the MPO in electronic format.
 - Pictures, charts, diagrams, maps, tables, conceptual plans, before and after illustrations, renderings and any tool to facilitate the reading and visualization of the report, for better illustration of the actions recommended in the study.
 - Separate Appendices.
 - Any brochure or printed material that contributes to enhance the study.

PROJECT MANAGER:

Tewari Edmonson

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
 Florida Department of Transportation – District Six
 Department of Transportation and Public Works
 Regulatory and Economic Resources

WORK SCHEDULE:

- Start Date: December 2015
- End Date: October 2016

FUNDING: Contract ceiling for this effort is \$150,000. \$50,000 of which are FY 2016 Section 5305(d) funds part of the FYs 2015 and 2016 UPWP and are expected to be expended by September 30, 2016. The amount shown below is the PL de-obligated amount to continue the efforts in FY 2017. MPO project management staff charges for this effort applied to “Call for Ideas” Task 5.2.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$81,930	\$18,070	\$0	\$0	\$0		\$100,000
	\$81,930	\$18,070	\$0	\$0	\$0	\$0	\$100,000

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.11 FEDERAL PLANNING EMPHASIS AREAS



PURPOSE:

The objective of this study is to address the renewed focus on transportation planning brought about the "Fixing America's Surface Transportation Act" (FAST Act) which was signed into law (Public Law No:114-94) on December 4, 2015. The FAST Act is pending Notice of Proposed Rulemaking (NPRM), thus the Moving Ahead for Progress in the 21st Century (MAP-21) still plays a role. As a result of MAP-21, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) jointly issued guidance on Planning Emphasis Areas (PEA's). PEA's are topical areas which State DOT's and MPO's are to focus on when developing their respective planning work programs.

This study will address three Planning Emphasis Areas, as follows:

- FAST Act requirements for performance based planning and programming
- Regional Models of Cooperation
- Ladders of Opportunity: Access to Essential Services

The objective of this study is to fully implement the FHWA and FTA planning emphasis areas in the MPO "3-C" planning process.

PREVIOUS WORK:

Moving Ahead for Progress in the 21st Century (MAP-21) requires the establishment of a performance-based approach to transportation decision-making, and development of transportation plans. The MPO's continuing, coordinated, and comprehensive (3-C) planning process has always addressed the planning emphasis areas provided by FHWA. Now with the PEA's jointly issued by FHWA and FTA, the MPO will improve current processes to address the updated PEA's following the approval of MAP-21.

REQUIRED ACTIVITIES:

- **Study Coordination:** The purpose of this task is to provide for communication, coordination, and input from governmental agencies participating in the study.
- **Research and Information Gathering:** research the best and most recent approaches for implementing the new requirements will document the best practices. This task will focus on documenting successful methods developed by other states and MPO's.
- **Planning Emphasis Areas Implementation Process:** Effort to include examples of successful strategies employed by other communities across the U.S. and at the international levels.
- **Development of Final Recommendations:** to present the final recommended application tool, and to present this to the Project Advisory Team (PAT) and other MPO committees for further action, as appropriate.

ELEMENT 5: SPECIAL PROJECT PLANNING

- Provide a Training/User's manual and a canned Power Point presentation depicting the sequential steps needed from data input to visual output delivery. .

END PRODUCTS:

- Final Report with Recommendations (February 2017)
- Executive Summary Report (February 2017)

PROJECT MANAGER:

Carlos Roa

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation - District Six

WORK SCHEDULE:

Start Date: July 2016
End Date: February 2017

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

FUNDING: Contract ceiling for this effort is \$75,000. \$35,000 of which are FY 2016 Section 5305(d) funds part of the FYs 2015 and 2016 UPWP and are expected to be expended by September 30, 2016. The amount shown below is the PL de-obligated amount to continue the efforts in FY 2017. MPO project management staff charges for this effort applied to “Call for Ideas” Task 5.2.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$32,772	\$7,228	\$0	\$0	\$0		\$40,000
	\$32,772	\$7,228	\$0	\$0	\$0	\$0	\$40,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.12 EVALUATING FEASIBILITY OF SUPERARTERIALS

PURPOSE:

To evaluate a proposed system of arterials to better manage and help alleviate congestion throughout Miami-Dade County. The study should focus on the development of a network of “Super Streets”, based on the existing countywide arterial system roadways to be designated “Super Arterials”. These “Super Arterials” would be adequately spaced and strategically selected to cover most of the developed and developing areas of Miami-Dade County.



PREVIOUS WORK:

- Reversible Lanes Study
- Arterial Grid Network Analysis Phase II

REQUIRED ACTIVITIES:

- **Agency Coordination** with the participating agencies.
- **Literature Review:** Identify applicable takeaways based on experience of peer cities or areas. Identify corridors where Super Arterials are in place or in consideration and have relevance to the purpose of this study. The task will focus on collecting the following information: length of corridor, characteristics of the corridor, number of lanes, vehicle volume, vehicle mix, access management characteristics, vehicle restrictions, cost of implementation and initial results based on implementing agency’s recommendation and/or summary of any related evaluation studies.
- **Data and Information Collection:** Vehicle volumes, number of lanes, posted speeds, turning movement counts, level of service, travel speeds, access management characteristics, crash characteristics, planned and/or proposed roadway improvements, planned and proposed park-and-ride lots and planned and proposed developments and improvements.
- **Corridor Analysis and Study Goals**
 - Conduct a system-level analysis using key variables such as level of service, access characteristics, logical termini and other data collection as described in above bullet.
 - Conduct analysis by identifying access management, safety, travel pattern related issues and conceptual-level safety analysis.
 - Identify current approaches used to develop Super Arterial Networks.
 - Coordinate proposed arterial improvements for identified congested corridors.
 - Identify Travel Demand Management (TDM) techniques.
 - Develop a list of potential corridors and/or subareas to be further tested as possible demonstration projects.
 - Perform a preliminary macroscopic, urban-area model based evaluation in a selected test area.
 - Develop a plan of action intended to serve as a model for implementation of the concept.

ELEMENT 5: SPECIAL PROJECT PLANNING

- Develop recommendations regarding the applicability and acceptability of the Super Arterial Network concept on a countywide basis.

END PRODUCTS:

- Final Report with Recommendations (June 2017)
- Executive Summary Report (June 2017)

PROJECT MANAGER:

Tewari Edmonson

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation - District Six
Miami-Dade Department of Regulatory and Economic Resources (RER)
Miami-Dade Department of Transportation and Public Works (DTPW)
Miami-Dade Expressway Authority (MDX)
Florida Turnpike Enterprise

WORK SCHEDULE:

Start Date: July 2016
End Date: September 2017

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

FUNDING: Contract ceiling for this effort is \$120,000. \$40,000 of which are FY 2016 Section 5305(d) funds part of the FYs 2015 and 2016 UPWP and are expected to be expended by September 30, 2016. The amount shown below is the PL de-obligated amount to continue the efforts in FY 2017. MPO project management staff charges for this effort applied to “Call for Ideas” Task 5.2.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$65,544	\$14,456	\$0	\$0	\$0		\$80,000
	\$65,544	\$14,456	\$0	\$0	\$0	\$0	\$80,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.13 BIKE FRIENDLY PLAN

PURPOSE:

To receive Bike-Friendly Community designation for Miami-Dade County and facilitate additional municipal, business and university designations through the League of American Bicyclists. Conduct bicycle/pedestrian counts to monitor trends in non-motorized transportation.



PREVIOUS WORK:

- Bicycle Wayfinding System Study
- Regional Bicycle Route Planner
- Safe Routes to School Infrastructure Plans
- Safety Studies at High Crash Locations Countywide

REQUIRED ACTIVITIES:

- **Background research.**
 - Review the Bike-Friendly Community, Business and University programs and application requirements.
 - Review the current designation applications of other communities in Miami-Dade and elsewhere.
 - Collect information on the benefits of bike-friendly designation (economic, safety, mobility, health, promotion)
 - Review previous Miami-Dade non-motorized traffic count reports as well as other sources of bicycle/pedestrian activity data (permanent counters, Census bureau data, mobile device app data, etc).
- **Outreach.**
 - Form a Bike-Friendly Miami-Dade steering committee with representatives of agency and community partners
 - Hold a kick-off community workshop to introduce the project, receive input and raise awareness of the benefits of bike-friendly community designation.
 - Solicit municipalities, businesses and universities to participate in the designation process
- **Data Collection.**
 - Assemble the required data on Miami-Dade County in the areas of engineering, education, encouragement, enforcement, evaluation and community profile. Data will be summarized county-wide and at the appropriate level for participating municipalities, universities or businesses.
- **Bike Friendly Community Application.**
 - Prepare the draft and final BFC application for Miami-Dade County
 - Coordinate with other municipality, business and university partners and coordinate the preparation of additional designation applications

ELEMENT 5: SPECIAL PROJECT PLANNING

END PRODUCTS:

- Final Report with Recommendations (March 2017)
- Executive Summary Report (March 2017)
- A Power Point Presentation (March 2017)
- Any brochure or printed material that contributes to enhance the study (March 2017)

PROJECT MANAGER:

David Henderson

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation - District Six
Miami-Dade Parks, Recreation and Open Spaces Department (PROS)
Miami-Dade Department of Regulatory and Economic Resources (RER)
Miami-Dade Department of Transportation and Public Works (DTPW)
Florida Turnpike Enterprise

WORK SCHEDULE:

Start Date: May 2016
End Date: March 2017

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

FUNDING: Contract ceiling for this effort is \$120,000. \$24,000 of which are FY 2016 Section 5305(d) funds part of the FYs 2015 and 2016 UPWP and are expected to be expended by September 30, 2016. The amount shown below is the PL de-obligated amount to continue the efforts in FY 2017. MPO project management staff charges for this effort applied to “Call for Ideas” Task 5.2.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$78,653	\$17,347	\$0	\$0	\$0		\$96,000
	\$78,653	\$17,347	\$0	\$0	\$0	\$0	\$96,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.14 MIAMI RIVER TUNNEL FEASIBILITY STUDY

PURPOSE:

To evaluate the feasibility of a tunnel option under the Miami River generally in the vicinity of Brickell Avenue. The study will evaluate the following issues: engineering, geology, and hydrology; constructability and construction methods and project cost. Proposed tunnel concepts should address existing mobility deficiencies and future demand.



PREVIOUS WORK:

- Impact of Port Tunnel on Downtown Traffic Congestion

REQUIRED ACTIVITIES:

- **Study coordination.**
- **Data collection and analysis.** Collect available engineering, geological, hydrological, right of way to support the analysis of existing and future conditions.
 - Existing planning and background documents.
 - Aerial photographs and maps.
 - Initial project issues identification.
 - Multi-modal data collection.
- **Development of improvement concepts.**
 - Develop tunnel improvement concepts which could be implemented in the study area. Concept development will include engineering, geological, hydrological, constructability, construction methods and project cost.
 - Review of related studies and land use policies for the study area. Including examples of successful strategies employed by other communities across the U.S.
- **Recommendations.** To prepare the final recommendations and present the final report. This task will include presentations to the TPTAC, TPC, and other MPO committees, as needed. Collect current and forecasted socio-economic trends/data along the Busway corridor.

END PRODUCTS:

- Final Report with Recommendations (February 2017)
- Executive Summary Report (February 2017)
- A Power Point Presentation (February 2017)
- Any brochure or printed material that contributes to enhance the study. (February 2017)

PROJECT MANAGER:

Jesus Guerra

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
 Florida Department of Transportation - District Six
 Miami-Dade Department of Regulatory and Economic Resources (RER)
 Miami-Dade Department of Transportation and Public Works (DTPW)

WORK SCHEDULE:

Start Date: February 2016
 End Date: February 2017

FUNDING: Contract ceiling for this effort is \$200,000. \$25,000 of which are FY 2016 Section 5305(d) funds part of the FYs 2015 and 2016 UPWP and are expected to be expended by September 30, 2016. PL funds in the amount of \$50,000 from the FYs 2015 and 2016 UPWP also supported this effort and are expected to be expended by June 30, 2016. The amount shown below is the PL de-obligated amount to continue the efforts in FY 2017. MPO project management staff charges for this effort applied to “General Planning Consultant” Task 5.1.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FY 2015 STP Federal	FY 2015 STP Local Match		CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$93,750	\$31,250	\$0		\$125,000
	\$0	\$0	\$93,750	\$31,250	\$0	\$0	\$125,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FY 2015 STP Federal	FY 2015 STP Local Match		CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

5.15 IMPLEMENTATION OF THE STRATEGIC MIAMI AREA RAPID TRANSIT (SMART) PLAN



PURPOSE:

To support the advancement and implementation of the SMART Plan through analysis, monitoring, updating and engagement of the Miami-Dade Metropolitan Planning Organization (MPO) in associated technical and policy activities for each of the six (6) rapid transit corridors identified in the SMART Plan.

PREVIOUS WORK:

On February 18, 2016, the MPO Governing Board approved Resolution #06-16, establishing a policy to set as highest priority the advancement of rapid transit projects in Miami-Dade County. As a result, the Miami-Dade MPO Governing Board approved on April 21, 2016, Resolution #26-16 endorsing the Strategic Miami Area Rapid Transit (SMART) Plan and directing the MPO Executive Director to work with the MPO's Fiscal Priorities Committee to determine the costs and potential sources of funding for project development and environmental study for said projects. The MPO Executive Director was further directed to take all necessary steps to implement the Strategic Miami Area Rapid Transit (SMART) Plan, which consists of:

- North Corridor (NW 27th Avenue)
- Beach Corridor
- East-West Corridor (SR 836)
- South Dade TransitWay
- Tri-Rail Coastal Link (Northeast/FEC Corridor)
- Kendall Corridor

In addition to the six (6) rapid transit corridors, the SMART Plan includes the implementation of the following express bus network along:

- South Miami-Dade Express
From South Miami to Dadeland North Metrorail Station along the Turnpike, SR-874 and SR-878
- NW Miami-Dade Express
From I-75 at Miami Gardens to Palmetto Metrorail Station along SR-826
- SW Miami-Dade Express
From Miami Executive Airport to Dadeland North Metrorail Station along SR-874 and SR-878
- Florida Turnpike Express
From South Miami Dade to Doral
- Beach Express North/Central/South
From Miami Beach to Golden Glades Interchange along Julia Tuttle Causeway and I-95
From Miami Beach to the MIC along Julia Tuttle Causeway and SR-112

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

The following table shows the SMART Corridors:

#	CORRIDOR	STATUS	ESTIMATED COST	
			ENVIRONMENTAL DOCUMENT	SMART PLAN IMPLEMENTATION ACTIVITIES
1	North Corridor (NW 27 th Ave.)	Planning and Environmental Phase In-Progress	\$4.2M	\$840,000
		<ul style="list-style-type: none"> • MPO Resolution #01-15 authorized the development of the PD&E • FDOT-6 lead agency • Funding Source: 100% State • Start Date: March 2016 • Completion Date: February 2018 		
2	Beach Corridor	Planning and Environmental Phase to commence in 2016	\$10.0M	\$2.0M
		<ul style="list-style-type: none"> • Funding Source: <ul style="list-style-type: none"> ✓ FDOT-6 (\$5.0M) ✓ CITT (\$3.75M) ✓ Miami-Dade County (\$417,000) ✓ City of Miami (\$417,000) ✓ City of Miami Beach (\$417,000) • City of Miami Beach is moving forward with the environmental study for the South Beach segment to the Convention Center 		
3	East-West Corridor (SR-836)	Planning Phase	\$9.0M	\$1.2M
		It is anticipated that project development and environmental studies will commence for this corridor in 2016.		
4	South Dade TransitWay	Planning Phase	\$7.0M	\$1.2M
		It is anticipated that project development and environmental studies will commence for this corridor in 2016.		
5	Tri-Rail Coastal Link (Northeast/FEC Corridor)	Planning and Environmental Phase In-Progress	\$5.7M	\$1.14M
		<ul style="list-style-type: none"> • FDOT-4 lead agency for the Tri-Rail Coastal Link (TRCL) • All Aboard Florida (AAF) project is under construction (private sector) • DTPW is improving transit services along Biscayne Blvd. 		
6	Kendall Drive	Planning and Environmental Phase In-Progress	\$4.0M	\$800,000
		<ul style="list-style-type: none"> • MPO Resolution #01-15 authorized the development of the PD&E • FDOT-6 lead agency • Funding Source: 100% State • Start Date: June 2016 • Completion Date: May 2018 		

This plan is consistent with the FDOT Vision Element as updated in August 2015.

ELEMENT 5: SPECIAL PROJECT PLANNING

REQUIRED ACTIVITIES:

This task includes the development of supporting activities that will be identified as needed during the development of this plan. Once these supporting effort is determined, a Scope of Work (SOW) will be developed, with the appropriate budget and funding sources. The MPO will coordinate with the transportation partners for the work to be done, as well as the concurrence from all local, state and federal agencies, as required. The above referenced activities will include, but not limited to:

- Prepare detailed funding plan for each corridor and on system-wide basis. Financial analysis shall examine and consider existing and new funding revenue sources for capital and operating expenses associated with the SMART Plan corridors.
- Develop and assess potential corridor-based funding structures such as tax increment financing, special assessments, transit concurrency fees, etc.
- Perform public, agency and municipal outreach activities to maintain awareness of the SMART Plan advancement and obtain vital input from stakeholders.
- Prepare maps and renderings for the SMART Plan and its associated projects to enhance the visualization and understanding of the various efforts.
- Provide a coordination forum for project development and environmental activities among the various partner agencies to ensure a seamless interface between the SMART Plan corridors.
- Develop a systems plan and analyze the various technology and alignment combinations/configurations as considered under each corridor to optimize transit benefits at a regional level.
- Support travel demand and ridership forecasting activities related to the SMART Plan corridors.
- Prepare project development and environmental document for select corridors.
- Develop a rapid transit corridor Master Plan for each of the identified SMART Plan corridors to include, but not limited to, the following elements:
 - Assessment of transit supportive land use analysis and policies
 - Identification of Transit-Oriented Development opportunities
 - Determine project-based economic development potential
 - Implementation of sustainable and livability principles.
 - Assess Environmental Justice impacts
 - Develop corridor vision to maximize transit utilization
 - Identify necessary ancillary improvements to leverage transit investments
- Support the amendment process to the Long Range Transportation Plan related to the advancement of the SMART Plan elements.
- Prepare required documentation to advance SMART Plan projects through the federal Capital Investment Grant Program, as appropriate.
- Support the designated Program of Interrelated Projects.

END PRODUCTS:

To be determined.

ELEMENT 5: SPECIAL PROJECT PLANNING

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation - District Six
Miami-Dade Department of Regulatory and Economic Resources (RER)
Miami-Dade Department of Transportation and Public Works (DTPW)
Miami-Dade Expressway Authority (MDX)
Citizen's Independent Transportation Trust
Florida Turnpike Enterprise
Florida Department of Transportation – District Four
South Florida Regional Transportation Authority

WORK SCHEDULE:

Start Date: July 2016
End Date: September 2018

FUNDING:

Funding for the activities shown will be added once source and amounts are determined.

UPWP WORK ELEMENT 6

REGIONAL PLANNING



MIAMI-DADE
METROPOLITAN
PLANNING
ORGANIZATION

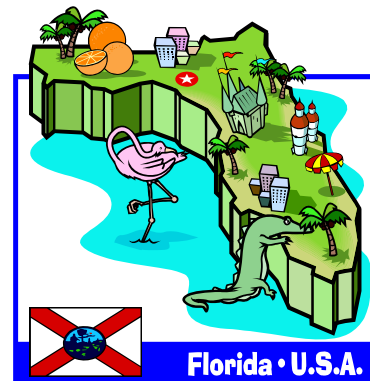
ELEMENT 6: REGIONAL PLANNING

TASK NUMBER AND TITLE:

6.1 REGIONAL SUPPORT

PURPOSE:

To support a collaborative regional transportation planning process which supports regional models of coordination for a fully integrated transportation system within the Miami Urbanized Area as developed in the Regional Transportation Plan and LRTP.



PREVIOUS WORK:

- Creation of a regional transportation planning decision-making structure through an interlocal agreement and various bodies, such as the:
 - Southeast Florida Transportation Council (SEFTC),
 - Regional Transportation Technical Advisory Committee (RTTAC),
 - RTTAC Modeling Subcommittee
 - RTTAC Public Participation Subcommittee
 - RTTAC Freight Subcommittee
 - RTTAC Transportation System Management and Operations (TSM&O) Subcommittee.
- Prepared the 2040 Regional Transportation Plan (RTP) which included the following elements:
 - Regional Transit System Master Plan
 - Regional Non-Motorized and Greenway Plans
 - Identification of regional corridors and network
- Transportation Regional Incentive Program (TRIP) project prioritization lists
- Prepared Regional TIP
- Prepared 2040 Regional Freight Plan
- Southeast Florida Clean Cities' *Clean Times* newsletter articles

REQUIRED ACTIVITIES:

- The MPOs will provide administrative and technical support for activities associated with the following regional bodies:
 - Southeast Florida Transportation Council (SEFTC)
 - Regional Transportation Technical Advisory Committee (RTTAC)
 - RTTAC Public Participation Subcommittee
 - RTTAC Freight Subcommittee
 - RTTAC Transportation System, Management and Operations (TSM&O) Subcommittee
- Maintain updated the 2040 Regional Transportation and Freight Plans
- Update and maintain the SEFTC website including scheduled regional events and meetings.
- Review and recommend TRIP priorities for adoption by the SEFTC and transmittal to FDOT.
- Update annually the Regional TIP based upon the adopted TIP projects of regional significance.
- Review and coordinate transportation plans to ensure continuity at county boundary lines consistent planning effort among all transportation modes.

ELEMENT 6: REGIONAL PLANNING

- Work cooperatively with other partner agencies for implementing the Seven50 and other regional initiative recommendations.
- The South Florida Regional Planning Council (SFRPC) will identify opportunities to increase community access to healthcare and active lifestyles within the region by facilitating policies, enhanced transportation system, and physical environment.
- SFRPC will prepare an analysis of the region’s climate change adaptability and how transportation-related vulnerabilities may be addressed through:
 - Compile expert analytical literature regarding the role of transportation planning and climate change
 - Review and assess this research
 - Integrate results from the Climate Change Vulnerability Assessment and Sea Level Rise (SLR) into the Regional and County Transportation Plans.
- Participate in the South Florida Regional Transportation Authority (SFRTA) Planning Technical Advisory Committee (PTAC) meetings.

END PRODUCTS:

- Coordination of TRIP project prioritization and selection
- Hold Quarterly meetings for the Southeast Florida Transportation Council and its Subcommittees.
- Updated TRIP Priority List.
- Updated Regional TIP (June 2018)
- Technical memorandum for the integration of regional initiatives within the Long Range Transportation Plan.
- Analytical Report on Performance Indicators on Improving Local Access to Healthy Living in Selected Communities in Miami-Dade County (Phase Two) (June 2017)
- Miami-Dade MPO Workshop on the Role of the Region’s Transportation Network in Addressing Climate Change Effectively (June 2018)
- Research Paper on the Role of the Region’s Transportation Network in Addressing Climate Change Effectively (June 2018)

PROJECT MANAGERS:

Wilson Fernandez, Miami-Dade MPO
Chris Heshmati, SFRPC

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary Agency)
South Florida Regional Planning Council
Treasure Coast Regional Planning Council
Broward Metropolitan Planning Organization
Palm Beach Metropolitan Planning Organization
Florida Department of Transportation
South Florida Regional Transportation Authority
Miami-Dade Expressway Authority
Miami-Dade Transit

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 6: REGIONAL PLANNING

Broward County Transit
PalmTran

WORK SCHEDULE: This work item is a program of continuing activities.

- Start Date: July 2016
- End Date: September 2018

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$41,670	\$9,190	\$29,591	\$3,699	\$3,699		\$87,849
County Indirect Costs:							
MPO	\$3,392	\$748	\$2,409	\$301	\$301		\$7,151
Consultant:							
	\$40,964	\$9,036	\$0	\$0	\$0		\$50,000
	\$86,026	\$18,974	\$32,000	\$4,000	\$4,000	\$0	\$145,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$45,458	\$10,026	\$33,290	\$4,161	\$4,161		\$97,096
County Indirect Costs:							
MPO	\$3,700	\$816	\$2,710	\$339	\$339		\$7,904
Consultant:							
	\$20,482	\$4,518	\$0	\$0	\$0		\$25,000
	\$69,640	\$15,360	\$36,000	\$4,500	\$4,500	\$0	\$130,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 6: REGIONAL PLANNING

TASK NUMBER AND TITLE:

6.2 URBAN MODELING AND FORECASTING

PURPOSE:

To update and maintain the Miami-Dade County elements of the Southeast Regional Planning Model (SERPM 7.0) and any subsequent versions in support of the transportation planning process.



PREVIOUS WORK:

- Developed the Activity Based Model (ABM) for the Southeast Regional Planning Model (SERPM7.0) including the following elements:
 - Updated Traffic Analysis Zones and Districts
 - Created Micro Analysis Zonal structure for Miami-Dade County
 - Model Calibration and Validation
 - Preparation of Baseline, Existing+Committed and Needs networks
- Completed a Memorandum of Understanding for activities related to SERPM among agencies responsible for the development and use of the model.

REQUIRED ACTIVITIES:

- Maintain current both the 2010 base year and 2040 Cost-Feasible model networks based on Regional Transportation Technical Advisory Committee Modeling Subcommittee (RTTACMS) accepted adjustments and MPO Board approved LRTP amendments.
- Further analyze future trends utilizing the added features and capabilities of the SERPM 7.0.
- Perform an analysis of model convergence related to the distribution of work trips from selected major employment centers.
- Maintain updated software versions of the CUBE and SERPM 7.0.
- Participate in the Southeast Florida FSUTMS Users Group
- Support the activities related to the Statewide Model Task Force (MTF) including duties as a MTF Tri-Chair, Committee member, and attendance at MTF's formal meetings (twice per year).
- Attend and participate in the RTTACMS.
- Provide model support for other planning projects.
- Set up communication to FDOT servers to perform remote SERPM activities.
- Set up capabilities to perform in-house model runs of the SERPM.
- Update Traffic Analysis Districts (TADs) or Super-Districts for planning purposes, as needed.

END PRODUCTS:

- Updated and current 2010 base year and 2040 Cost-Feasible transportation networks.
- In-house computer equipment to be able to perform SERPM 7.0 simulations and analyzes.
- Series of memos documenting model review comments, ridership and operational analyses.

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 6: REGIONAL PLANNING

PROJECT MANAGER:

Wilson Fernandez

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary Agency)
 Florida Department of Transportation Districts Six and Four

WORK SCHEDULE: This is a continuing activity.

- Start Date: July 2016
- End Date: September 2018

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$18,941	\$4,176	\$25,893	\$3,237	\$3,237		\$55,484
County Indirect Costs:							
MPO	\$1,542	\$341	\$2,107	\$263	\$263		\$4,516
	\$20,483	\$4,517	\$28,000	\$3,500	\$3,500	\$0	\$60,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$22,729	\$5,013	\$25,893	\$3,237	\$3,237		\$60,108
County Indirect Costs:							
MPO	\$1,850	\$408	\$2,107	\$263	\$263		\$4,892
	\$24,579	\$5,421	\$28,000	\$3,500	\$3,500	\$0	\$65,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 6: REGIONAL PLANNING

TASK NUMBER AND TITLE:

6.3 SERPM DEVELOPMENT



PURPOSE:

To develop and maintain a state-of-the-practice travel demand model for Miami-Dade, Broward and Palm Beach Counties (Miami Urbanized Area) which will support the 2045 Long Range Transportation Plan Updates, land use impacts, transit corridor and project planning studies within the region.

PREVIOUS WORK:

- Development of the Southeast Regional Planning Model (SERPM) Version 7.0.
- Development of various model networks for:
 - 2010 Base Year
 - 2040 Existing+Committed
 - 2040 Needs Plan
 - 2040 Cost-Feasible
- Training Workshops for the SERPM 7.0

REQUIRED ACTIVITIES:

The work tasks will be primarily performed by a consultant that will be administered by the Florida Department of Transportation District Four and overseen by the contributing partners through the Regional Transportation Technical Advisory Committee Modeling Subcommittee (RTTACMS), as per the SERPM Memorandum of Understanding.

- Provide administrative and technical support for the RTTACMS.
- Validate and calibrate SERPM to a new base year of 2015 using current travel patterns and trip characteristics as reflected in the American Commuter Survey, National Household Travel Survey, Regional Travel Survey, traffic counts, speed data and other relevant information.
- Provide for model sensitivity to address emerging policies and technologies affecting travel behaviors.
- Optimize model usability and user-friendliness.
- Provide training, technical support, documentation and maintenance service.
- Development of various model networks to include, at a minimum:
 - 2015 Base Year
 - 2045 Existing+Committed
 - 2045 Needs Plan
 - 2045 Cost-Feasible
- Report a comprehensive set of performance measures on modeling modules
- Monitor and provide technical assistance of the SERPM Development to ensure accuracy for Miami-Dade County.

ELEMENT 6: REGIONAL PLANNING

END PRODUCTS: (Target dates to be determined by contract negotiation)

- Model Estimation and Design Report
- Model Calibration, Validation and Sensitivity Test Plan
- SERPM Calibration, Validation and Sensitivity Tests
- SERPM Model User Guide
- Training Workshops

PROJECT MANAGERS:

Wilson Fernandez, Miami-Dade MPO
Hui Zhao, FDOT District Four

PARTICIPATING AGENCIES:

Florida Department of Transportation District Four (Primary agency)
Miami-Dade Metropolitan Planning Organization (Contributing partner)
Broward Metropolitan Planning Organization (Contributing partner)
Palm Beach Metropolitan Planning Organization (Contributing partner)
Florida Department of Transportation District Six (Contributing partner)

WORK SCHEDULE:

Start Date: July 2016
End Date: June 2018

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 6: REGIONAL PLANNING

FUNDING: This is a regional effort, whereby the MPOs are contributing a combined \$500,000. The table below reflects Miami-Dade MPO contribution. FDOT Districts Six and Four are contributing \$500,000.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$18,941	\$4,177	\$0	\$0	\$0		\$23,118
County Indirect Costs:							
MPO	\$1,542	\$340	\$0	\$0	\$0		\$1,882
Consultant:							
	\$68,002	\$14,998	\$0	\$0	\$0		\$83,000
	\$88,485	\$19,515	\$0	\$0	\$0	\$0	\$108,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$18,941	\$4,177	\$0	\$0	\$0		\$23,118
County Indirect Costs:							
MPO	\$1,542	\$340	\$0	\$0	\$0		\$1,882
Consultant:							
	\$68,002	\$14,998	\$0	\$0	\$0		\$83,000
	\$88,485	\$19,515	\$0	\$0	\$0	\$0	\$108,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

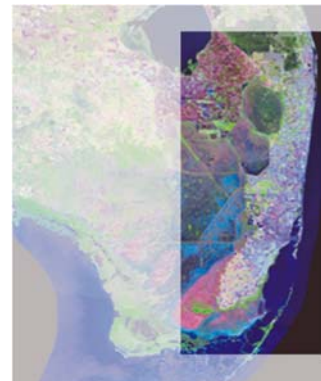
ELEMENT 6: REGIONAL PLANNING

TASK NUMBER AND TITLE:

6.4 2045 REGIONAL TRANSPORTATION PLAN

PURPOSE:

To prepare and update the long range transportation planning analysis and documentation in support of the 2045 Transportation Plans within the Miami Urbanized Area including the Counties of Miami-Dade, Broward and Palm Beach.



PREVIOUS WORK:

- Prepared 2040 Regional Transportation Plan (RTP) which included various elements, such as:
 - Regional Transit System Master Plan
 - Regional Non-Motorized and Greenway
 - Regional Performance Measures
- Prepared and updated 2040 Regional Freight Plan

REQUIRED ACTIVITIES:

The following methodology is for the tasks involved for the preparation and administrative support of an updated RTP to the year 2045.

- Review the Regional Network to ensure that it addresses in multimodal manner key regional travel movements, and is consistent with updates to the FDOT Strategic Intermodal System.
- Updates regional goals, objectives and measurements of effectiveness to address statewide and federal mandates.
- Analyze Transportation System Management & Operations (TSM&O) measures that reduce demand and increase efficiencies on regional network facilities.
- Conduct a multimodal regional needs assessment.
- Perform a regional performance measure evaluation.
- Prepare a long range financial plan summarizing the expected funding availability and assumptions within the tri-county region, and identify partnering opportunities among the counties for regionally designated projects.
- Conduct a regional project prioritization plan.
- Provide project management support for the review and comment of 2045 RTP related materials.

END PRODUCTS:

- 2045 Regional Transportation Plan (approximate three-year effort to begin in FY 2018)

PROJECT MANAGER:

Wilson Fernandez

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 6: REGIONAL PLANNING

PARTICIPATING AGENCIES:

Broward MPO (Primary agency)
 Miami-Dade Metropolitan Planning Organization (MPO)
 Palm Beach MPO
 Florida Department of Transportation District Six
 Florida Department of Transportation District Four
 South Florida Regional Planning Council
 Treasure Coast Regional Planning Council
 South Florida Regional Transportation Authority
 Department of Transportation and Public Works (DTPW)
 Broward County Transit
 Palm Tran

WORK SCHEDULE: Start Date: July 2016
 End Date: June 2018

FUNDING: This is a multi-year effort. Of which, FY 2018 is the first year. This table represents Miami-Dade's match.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$7,576	\$1,671	\$0	\$0	\$0		\$9,247
County Indirect Costs:							
MPO	\$617	\$136	\$0	\$0	\$0		\$753
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$8,193	\$1,807	\$0	\$0	\$0	\$0	\$10,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$11,365	\$2,506	\$0	\$0	\$0		\$13,871
County Indirect Costs:							
MPO	\$925	\$204	\$0	\$0	\$0		\$1,129
Consultant:							
	\$61,445	\$13,555	\$0	\$0	\$0		\$75,000
	\$73,735	\$16,265	\$0	\$0	\$0	\$0	\$90,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

UPWP WORK ELEMENT 7

PUBLIC PARTICIPATION



MIAMI-DADE
METROPOLITAN
PLANNING
ORGANIZATION

ELEMENT 7: PUBLIC PARTICIPATION

TASK NUMBER AND TITLE:

7.1 CITIZEN TRANSPORTATION ADVISORY COMMITTEES

PURPOSE:

Provide the **Citizens Transportation Advisory Committee (CTAC)** and community with information regarding transportation needs and proposals for meeting these needs. Ensure citizen and community input in all aspects of multi-modal transportation planning and decision-making process before plans and programs are approved. Ensure architectural and aesthetic review of bridges and high-visibility transportation projects, via the **Transportation Aesthetics Review Committee (TARC)**. There are two other citizen advisory committees, the Freight Transportation Advisory Committee (FTAC) and the Bicycle Pedestrian Advisory Committee (BPAC), which are listed under tasks 8.1 and 8.3, respectively. They are not listed in this task since their scope is specific to a mode of transportation and does not cover all transportation issues like CTAC and TARC.



PREVIOUS WORK:

This element is a continuing activity.

The following activities occurred for CTAC during FYs 2014-15 and 2015-16:

- Held and coordinated the required full committee meetings.
- Produced minutes and updated attendance for each meeting.
- Adopted resolutions were distributed to the TPC and MPO Governing Board and to the appropriate agencies for consideration and action.
- Election of the Chair and Vice Chair commenced with new officers installed.
- The By-Laws were reviewed and adopted.
- Reviewed and supported: Transportation Improvement Program (TIP), Long Range Transportation Plan (LRTP), Unified Planning Work Program (UPWP), Miami-Dade Transit's (MDT) Transit Development Plan, PortMiami's Tunnel and Deep Dredge projects, the Florida Department Of Transportation District Six (FDOT) Work Programs, Florida's Turnpike Enterprise (FTE) widening project, the Palmetto Expressway/Golden Glades Interchange PD&E, the Krome Avenue project, the I-395 reconstruction project, the I-75/Palmetto Express Lanes project, Miami-Dade Expressway Authority's (MDX) SR-924 East Extension PD&E, the MPO's Transportation Alternatives Program, the Tri-Rail Coastal Link Study, and the All Aboard Florida project.

The following activities occurred for TARC during FYs 2015 and 2016:

- The Transportation Aesthetics Review Committee (TARC) held regular meetings
- TARC reviewed and passed Resolutions on the following projects:
- FDOT District 6 Landscaping Brand; I-395 Design Alternatives; SR 826-SR 836 Interchange Landscaping; Safety Project along SR5/US1 from Ponce De Leon to SW 37th Ave; Beachwalk

ELEMENT 7: PUBLIC PARTICIPATION

and Recreational Corridor Project Updates; Landscape Plans for SR 826/Palmetto Expressway from South of SW 2nd St. to NW 14th St.; SR 25/Okeechobee Rd. from SR 997/Krome Ave. to NW 79th Ave. PD&E/EMO Study; Venetian Causeway PD&E Study; The Underline Draft Master Plan; Freedom Tower Metromover Station Modification by Luma Tower in the Miami World Center (MWC) Development; Dolphin Station Park and Ride/Transit Terminal Facility; Golden Glades Multimodal Transportation Facility and Truck Travel Center PD&E Reevaluation; FDOT Highway Beautification Program;

- The TARC held Officer Elections in February 2016 and elected a new Chair and Vice-Chair
- TARC reviewed and approved amendments to the TARC By-Laws correcting scrivener's errors, allowing officers to exceed the consecutive two-term limit if they serve in a different capacity, and making the specific number of various design professionals on the Committee a recommendation rather than a requirement.

REQUIRED ACTIVITIES:

- Provide coordination and staff support to the CTAC as follows:
 - Identify transportation planning issues for CTAC's review
 - Prepare agendas and back-up materials/documentation
 - Prepare CTAC resolutions
 - Prepare minutes and follow-up as necessary
 - Respond to day-to-day concerns of CTAC members
 - Perform administrative functions related to committee structure, rules, member appointments, attendance, vacancies, etc.
 - Follow CTAC resolutions and motions through the MPO's committee structure for consideration i.e. TPC, TPTAC.
- Respond to CTAC and community concerns as plans and programs are developed as part of the update of the Long Range Transportation Plan, the Transportation Improvement Program, and the Unified Planning Work Program.
- Provide coordination and staff support to the TARC as follows:
 - Review and identify TIP- listed projects with potential visual and aesthetic impacts for TARC review
 - Monitor projects and coordinate with all relevant agencies for project review and follow up
 - Organize meetings. Prepare agendas, back-up materials, and documentation
 - Prepare recommendations, resolutions, correspondence, minutes and brief PowerPoint presentations to accompany TARC Activities Report given to the MPO Board.
 - Respond to concerns of TARC members
 - Perform administrative functions related to committee structure, rules, attendance, vacancies etc. Work to increase membership
 - Provide transportation announcements and other news of relevance to TARC members.
- Advise the MPO on aesthetic, urban design and functional aspects of transportation projects and their potential impacts on the community
- Provide a forum for community input that will allow a detailed consideration of the various issues. Follow-up reports on CTAC and TARC requests will be prepared and submitted to appropriate county agencies. Better inform under-represented groups by sending meeting announcements to community organizations and faith-based groups in order to gain the broadest possible input.

ELEMENT 7: PUBLIC PARTICIPATION

- Advise the MPO on transportation issues affecting the citizens of Miami-Dade County and provide an independent and broad-based monitoring of ongoing planning and implementation activities.

END PRODUCTS:

- CTAC and TARC agendas, minutes, resolutions, and back-up materials
- Correspondence and reports documenting citizen input on various planning proposals
- Provide administrative documentation and correspondence regarding committee structure appointments, attendance, vacancies, etc.
- Coordinate meetings and correspondence with county and state agencies, as necessary to maintain effective citizen involvement in the MPO process.
- PowerPoint slides showing projects reviewed by TARC

PROJECT MANAGERS:

Paul Chance for CTAC
Tewari Edmonson for TARC

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation - District Six

WORK SCHEDULE:

This is a continuing activity.

- Start Date: July 2016
- End Date: September 2018

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 7: PUBLIC PARTICIPATION

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$75,763	\$16,710	\$73,979	\$9,247	\$9,247		\$184,947
County Indirect Costs:							
MPO	\$6,167	\$1,360	\$6,021	\$753	\$753		\$15,053
	\$81,930	\$18,070	\$80,000	\$10,000	\$10,000	\$0	\$200,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$83,340	\$18,381	\$73,979	\$9,247	\$9,247		\$194,194
County Indirect Costs:							
MPO	\$6,783	\$1,496	\$6,021	\$753	\$753		\$15,806
	\$90,123	\$19,877	\$80,000	\$10,000	\$10,000	\$0	\$210,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 7: PUBLIC PARTICIPATION

TASK NUMBER AND TITLE:

7.2 PUBLIC INVOLVEMENT PROGRAM



PURPOSE:

To inform the Miami-Dade County citizenry about the transportation planning process and provide an avenue of dialogue for their input in the development of transportation projects and programs within the county. Prepare informational materials and conduct activities to meet MPO public participation requirements to include, but not limited to, Long Range Transportation Plan (LRTP), Transportation Improvement Program (TIP), and the Unified Planning Work Program (UPWP).

PREVIOUS WORK:

The following work was completed for during FYs 2015 and 2016:

- The MPO Governing Board approved their Public Participation Plan (PPP) Major Update, which included an updated Limited English Proficiency (LEP) Plan.
- Attended various outreach events, especially those held at the Community Action Agency (CAA) centers, to ensure involvement in the MPO's various program and plans' activities.
- Captured all comments from the general public in the main database, and responded accordingly with the assistance from the appropriate implementing transportation agency.
- Disseminated e-Newsletters and Press Releases to the general public and media outlets regarding important MPO related events and activities.
- Produced and distributed the required Annual Reports, which featured updates on the MPO's activities and accomplishments for each respective year. They were mailed out to stakeholders, disseminated at the outreach events, and made available on the MPO website.
- Worked with various media outlets on stories related to MPO activities.
- Continued work on the Transportation Outreach Planner with Florida International University (FIU).
- Rebranded the MPO's logo and website to make it more user-friendly and interactive for the end user.
- Incorporated the use of Facebook, Twitter, YouTube, SlideShare, Instagram, and RSS into the website to provide social media avenues for end users.
- Integrated the MPO's Twitter feed on the MPO homepage to keep end users up to date with current activities of the staff.
- Televised and webcast all MPO Governing Board meetings.
- Properly advertised all Public Hearings for the general public to attend and be part of the process.
- Convened the Public Involvement Management Team (PIMT) consisting of the Public Involvement Managers (PIMs) from all local transportation agencies.
- Convened the Regional Public Participation Subcommittee (PPS) consisting of the PIMs from the Palm Beach, Broward, and Miami-Dade MPOs, and FDOT Districts 4 and 6.
- Attended applicable Public Involvement, Ethics, Title VI, Americans with Disabilities Act (ADA), and Environmental Justice (EJ) trainings to ensure the MPO remains in compliance with these important mandates.
- Updated the MPO's Title VI Report to include all activities accomplished by staff for this effort.

ELEMENT 7: PUBLIC PARTICIPATION

- Ensured that the MPO's Americans with Disabilities Act (ADA) and Non-Discrimination statement was made available on the website, email signatures, in the front lobby, and on all applicable documents.
- Provided assistance to and collaborated with various transportation planning related agencies throughout the United States with regards to public involvement mandates.

REQUIRED ACTIVITIES:

Upon the request of the MPO Governing Board, or the MPO Staff, the consulting firm or staff engaged in this effort will be asked to conduct any or all of the following relating to both the overall operations and procedures of the MPO, specific MPO policies or topic areas, or individual planning or development projects:

- Update the MPO's Public Participation Plan (PPP) to ensure any new legislative modifications are incorporated, and any changes in public involvement techniques are included.
- Attend community outreach events to target different sectors of the community to ensure that the public is provided with an equal opportunity to participate in the transportation planning process. Miami-Dade County operates various Community Action Agency (CAA) centers throughout the county, which are mainly located in minority neighborhoods and are the lifelines to the poor and disabled. Staff has been given permission, by these centers, to attend their meetings, on a regular basis, and to speak directly with these individuals regarding their transportation needs and concerns. These needs are relayed back to the appropriate operating agencies for consideration and implementation.
- Continue utilizing Facebook, Twitter, YouTube, SlideShare, Instagram, and RSS to spread the word about what is occurring at the MPO following the policy located in Appendix E of the PPP.
- Continually update and maintain the MPO website for the end users benefit.
- Send out e-Newsletters to the MPO's email distribution list.
- Organize special events, meetings, and/or conferences related to the transportation planning process for the general public. .
- Update the MPO's Citizens Guide to Transportation booklet, which was originally created in 2004 and is updated every three years. The guide is a pocket-sized booklet that provides useful information regarding the various transportation agencies and their respective services for the general public. All information will be updated, and services will be added that have become available since the last update. The updated booklet will be translated to Spanish and Creole, and will be posted on the MPO website in all three languages to be viewed and downloaded for use.
- Continue the development of the Transportation Outreach Planner. This program is a component of the Sociocultural Effects Program, which is an interactive web-based public involvement tool that will enable Planners to select an area within Miami-Dade County, identify the target population for the area, determine the appropriate public involvement strategy for the target population, and identify any issues that may affect public involvement efforts. In addition, this tool may be utilized when determining the Sociocultural Effects for FDOT's Efficient Transportation Decision Making (ETDM) process.
- Hold Public Involvement Management Team (PIMT) meetings. The PIMT is comprised of all the public involvement officers/managers that work for the various transportation agencies in Miami-Dade County. Meetings are held to develop a means of communication and strengthen collaboration between state, local, and non-government transportation organizations. The goal of the PIMT is to

ELEMENT 7: PUBLIC PARTICIPATION

work together to learn about and share public involvement initiatives that will be effective in reaching out to all citizens, ensuring the participation of minority and low-income areas.

- Store all correspondence with citizens and local agencies as well as capture all outreach and media events in the Miami-Dade MPO Public Involvement (PI) Database. Each comment, concern, or question submitted to the Miami-Dade MPO is reviewed and a letter is mailed to the citizen informing them their information will be sent to the appropriate agency. The information is then directed to the agency where the appropriate action or response is taken. Once the request leaves the Miami-Dade MPO office, staff requests that the responsible agency send back their response so that it can then be entered into the database. This information can be queried and used to generate reports regarding the citizen's information. Individuals who provide email addresses, and agree to being placed on the MPO Citizen Distribution List receive PI information via email.
- Collection of data as appropriate to prepare responses to questions regarding the annual FDOT/MPO certification process and monitor findings and address outstanding issues to ensure the MPO process is in compliance with all federal and state guidelines and laws.

All work to be performed under this element shall be approved by the MPO Executive Director. Once a request is made, appropriate coordination shall be established with the MPO, as well as project managers or any other official to develop the requested action. The projects or action requests shall be based on partial work orders. Prices shall be negotiated according to factors such as: amount and complexity of work to be done, quality of the end product, delivery time and number of copies, among other.

END PRODUCTS:

In addition to the following end products, other specific public information/participation end products will be generated according to the type of job requested as shown in the aforementioned methodology and funds may be allocated to complete a requested task following the approval of the committees, MPO Board, and federal and state agencies:

- Attend outreach events with partner agencies, especially with Miami-Dade County CAA centers
- Creation and dissemination of quarterly e-Newsletters
- Creation and dissemination of an MPO Annual Report each year in March/April (\$30,000/year)
- Update the triennial Citizens Guide to Transportation booklet (December 2016) \$50,000
- Continue development of the Transportation Outreach Planner (\$60,000/year)
- Continuously update the MPO Website
- Continuously update the MPO Facebook, Twitter, YouTube, SlideShare, Instagram, and RSS sites
- Continuously capture all correspondence in the Miami-Dade MPO PI Database
- Hold bi-annual PIMT meetings
- Conduct citizenry requested studies, as deemed appropriate
- Develop the Annual FDOT/MPO Certification Document (August 2017 and 2018)
- Advertise legal notices for Public Hearings in local periodicals (30 day notices as appropriate)

PROJECT MANAGER:

Elizabeth Rockwell

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 7: PUBLIC PARTICIPATION

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
 Florida Department of Transportation - District Six

WORK SCHEDULE: This is a continuing activity.

Start Date: July 2016

End Date: September 2018

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$83,340	\$18,381	\$55,484	\$6,935	\$6,935		\$171,076
County Indirect Costs:							
MPO	\$6,783	\$1,496	\$4,516	\$565	\$565		\$13,924
Other Direct Expenses:							
MPO							
Legal Advertisements	\$12,290	\$2,710					\$15,000
Consultant:							
	\$114,702	\$25,298	\$0	\$0	\$0		\$140,000
	\$217,115	\$47,885	\$60,000	\$7,500	\$7,500	\$0	\$340,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$87,128	\$19,216	\$59,183	\$7,398	\$7,398		\$180,323
County Indirect Costs:							
MPO	\$7,092	\$1,564	\$4,817	\$602	\$602		\$14,677
Other Direct Expenses:							
MPO							
Legal Advertisements	\$12,290	\$2,710					\$15,000
Consultant:							
	\$73,737	\$16,263	\$0	\$0	\$0		\$90,000
	\$180,247	\$39,753	\$64,000	\$8,000	\$8,000	\$0	\$300,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

UPWP WORK ELEMENT 8

SYSTEMS PLANNING



MIAMI-DADE
METROPOLITAN
PLANNING
ORGANIZATION

ELEMENT 8: SYSTEMS PLANNING

TASK NUMBER AND TITLE:

8.1 SHORT-RANGE INTERMODAL FREIGHT PLANNING

PURPOSE:

Continue to engage at federal, state and regional levels with designation of the US Primary Freight Network, the National Freight Advisory Committee and the Designation of Freight Logistic Zones (Florida Statutes Section 311.103). On December 4, 2015 President Obama signed into law the “Fixing America’s Surface Transportation Act” or FAST Act. The bill place major emphasis on freight investments to be supported by the Highway Trust Fund by creating a new National Highway Freight program funded at an average of \$1.2 billion per year that is distributed to the States by formula.



Accelerate and secure the Designation of Freight Logistic Zone for our area (Florida Statutes Section 311.103) to secure FAST Act funding opportunities for Miami-Dade and the region.

Proactively support public-private partnerships and funding mechanisms and opportunities to advance freight logistic and intermodal projects from the Long Range Transportation Plan into to Transportation Improvement Program in support of freight multimodal transportation and Economic Development.

Support ongoing global economic competitiveness initiatives in freight and commerce that solidify Miami-Dade County transportation planning activities for trucking and goods movement, intermodal connections, multimodal shipping and safety.

Continue to work with the Freight Transportation Advisory Committee (FTAC) to identify freight transport needs in Miami-Dade County, including improving current and future access to intermodal terminals and major economic centers, characterizing and pinpointing problems for truck travel, proposing possible solutions, providing a forum for the freight community to discuss transportation needs, and providing an expert voice for freight in the MPO transportation planning process.

PREVIOUS WORK:

- Continued assistance to the MPO Board in administering the FTAC which continues to make contributions to transportation discussions as they relate to the movement of freight and goods.
- FTAC actively participated on the development of the Miami-Dade County, Regional, and Statewide Freight Plans.
- FTAC continued supporting the: truck parking facility, access to the HEFT from NW 25th Street, Gratigny Expressway Extension, US 27 Plan, transshipments and cold treatment shipments, SR-

ELEMENT 8: SYSTEMS PLANNING

826/I-75 Express Lanes Design Build Project, Golden Glades Interchange PD&E, NW 25th Street Viaduct Project, PortMiami's Tunnel and Deep Dredge projects.

- Intermodal, multimodal, and mode-specific studies including: Comprehensive Study of Overnight Truck Parking needs in Miami-Dade County, Transportation and Economic Impacts of the Freight Industry in Miami-Dade County.
- Worked to support grant applications for ITS (Intelligent Transportation System) for the freight industry in South Florida, diesel emission reductions for trucks and tugs, overnight truck parking, and rail access between the Port of Miami and the FEC Hialeah Yard.
- Tracking the South Florida Intermodal Logistics Center (SFILC) site at FEC Hialeah Yard and 67th Avenue, truck loading ramps and internal traffic circulation roads.
- Participation in workshops for the development of the Port of Miami and the Miami International Airport Master Plans
- Freight elements in the previous LRTP and TIP.

REQUIRED ACTIVITIES:

- Provide administrative support for the FTAC. Support entails developing ideas and materials for agendas, coordinating meeting locations, preparing minutes, and providing FTAC briefings to the MPO Board members. FTAC averages 10 meetings per year.
- Coordinate with freight related issues and concerns for FDOT and MDX design and construction projects including the 25th Street Viaduct Phase II, the 87th Avenue/SR 836 Redesign, the SR 826 Connection to I-95, US 27 Rail Corridor Study, FEC Passenger Rail Corridor Study, the expansion of the South Florida Logistic Center and the construction of others, and the development and construction of overnight truck parking facilities in Miami-Dade County such as those at NW 12 Street and the HEFT and the Golden Glades, among others.
- Ongoing participation in the following intermodal and multimodal transportation activities:
 - Seek engagement at federally and state sponsor roundtables and summits that enables Miami-Dade to be part of the funding and decision-making process
 - Regional Freight Summit, Air and Sea Conference, Greater Miami Chamber of Commerce New World Center Transportation Committee meetings; attend web and teleconferences addressing opportunities and constraints to the movement of freight and goods in urbanized areas, act as institutional voice for freight at various meetings and to various organizations
 - Coordinate with Seaport officials regarding Port access initiatives; coordinate data collection and development with Port staff
 - To the extent possible, participate on SE Region Continuing Florida Aviation Systems Planning Process (CFASPP) Committee
- Manage the development of a number of GPC freight studies and coordinate the studies with the FTAC including: Implementation Plan for Overnight Truck Parking, Feasibility Study for providing direct access from NW 25th Street to the HEFT, and Market Demand Analysis for additional Warehouse Space, expansion of rail network and connectivity.
- Work with FDOT District 4 and the Broward and Palm Beach MPO's to develop a Regional Freight Vision that will include a regional truck survey and an update of the Regional Freight Plan.
- Respond to specific requests from other public agencies, consultants, and students for freight, transit and travel data, information, and technical explanations of MPO travel data and analysis procedures.

ELEMENT 8: SYSTEMS PLANNING

END PRODUCTS: (Dates vary throughout year as appropriate)

- Recommendations from freight plan studies will be taken up by FTAC as to how to proceed with advancing projects and plans.
- Scopes of work for new Freight related studies.
- Freight related Grant Applications as appropriate.
- FTAC agendas, backup materials/documentation, minutes, and respective recommendations.

PROJECT MANAGERS:

Carlos Roa
Elizabeth Rockwell (FTAC Coordinator)

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (primary agency)
Public Works and Waste Management
Florida Department of Transportation - District Six
Florida Turnpike Enterprise
Miami-Dade Seaport Department
Miami-Dade Aviation Department

WORK SCHEDULE:

There is no specific deadline for this task. This work item is a program of continuing planning activities. Start Date: July 1, 2016 End Date: June 30, 2018

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 8: SYSTEMS PLANNING

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$64,399	\$14,203	\$0	\$0	\$0		\$78,602
County Indirect Costs:							
MPO	\$5,242	\$1,156	\$0	\$0	\$0		\$6,398
	\$69,641	\$15,359	\$0	\$0	\$0	\$0	\$85,000

Year 2 -FY 2017/18*

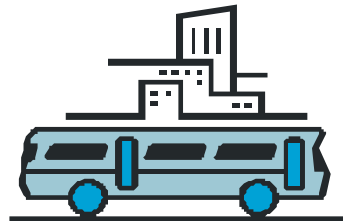
Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$68,187	\$15,039	\$0	\$0	\$0		\$83,226
County Indirect Costs:							
MPO	\$5,550	\$1,224	\$0	\$0	\$0		\$6,774
	\$73,737	\$16,263	\$0	\$0	\$0	\$0	\$90,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 8: SYSTEMS PLANNING

TASK NUMBER AND TITLE:

8.2 TRANSIT CORRIDOR PLANNING



PURPOSE:

Provide transit planning functions in support of transit-related initiatives from local transit providers with a concentration upon identified premium transit corridors.

PREVIOUS WORK:

The Miami-Dade MPO has provided general transit planning support in various transit related efforts, such as:

- Transit Development Plan (TDP)
- Origin-Destination Surveys for Metrorail, Metromover, Metrobus and Express Buses
- Metromover System Expansion Study (2014)
- Trip Generation Study of Transit-Oriented Development in Miami-Dade County (2014)
- Transit Options to the PortMiami Feasibility Study (2013)
- Transit Revenue and Ridership Optimization Study (2016)

Furthermore, the Miami-Dade MPO has recently provided support for numerous transit corridor planning efforts, including:

- Beach Corridor Transit Connection Study (2015)
- Tri-Rail Coastal Link Service
- Douglas Road Corridor (2014)
- Bus Rapid Transit Implementation Plans for (SR9)NW 27th Avenue, (SR94) Kendall Drive (SW 88th Street) and (SR 968) Flagler Street (2015)
- CSX East-West Rail Feasibility Study (2016)

REQUIRED ACTIVITIES:

- Review updates to the MDT and SFRTA's Transit Development Plans.
- Compile and prepare status report for all transit corridors identified in Long Range Transportation Plan and Peoples' Transportation Plan.
- Evaluate ridership forecasts for various transit initiatives.
- Assist in Transit-Oriented Development planning activities.
- Review special studies as required to support transit initiatives.
- Provide technical and coordination support for activities under the Miami-Dade MPO Governing Board's Transit Solutions Committee.
- Monitor activities related to the Transit Committee of the Board of County Commissioners (BCC).
- Attend transit planning training workshops.
- Participate and provide technical support on various premium transit corridor project committees including the Tri-Rail Coastal Link, Beach Corridor and premium transit corridors along (SR9) NW 27th Avenue, (SR964) Kendall Drive (SW 88th Street) and (SR 968) Flagler Street.

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 8: SYSTEMS PLANNING

END PRODUCTS:

- Review comments on various transit initiatives including the TDP.
- Technical memorandums summarizing analysis results for the identified tasks.
- Updated transit corridors status report.
- Analysis and reports prepared for MPO’s Transit Solutions Committee.
- Identification of items and issues affecting the MPO addressed by the BCC Transit Committee.

PROJECT MANAGER:

Wilson Fernandez

PARTICIPATING AGENCY:

Miami-Dade MPO

WORK SCHEDULE:

Start Date: October 2016
End Date: September 2018

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$18,941	\$4,178	\$51,785	\$6,473	\$6,473		\$87,850
County Indirect Costs:							
MPO	\$1,542	\$339	\$4,215	\$527	\$527		\$7,150
	\$20,483	\$4,517	\$56,000	\$7,000	\$7,000	\$0	\$95,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$18,183	\$4,010	\$56,224	\$7,028	\$7,028		\$92,473
County Indirect Costs:							
MPO	\$1,480	\$327	\$4,576	\$572	\$572		\$7,527
	\$19,663	\$4,337	\$60,800	\$7,600	\$7,600	\$0	\$100,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 8: SYSTEMS PLANNING

TASK NUMBER AND TITLE:

8.3 COMPREHENSIVE BICYCLE/PEDESTRIAN PLANNING PROGRAMS



PURPOSE:

Develop projects and programs to:

- Increase the amount of walking and bicycling.
- Decrease the number of bicycle and pedestrian crashes.
- Coordinate with other public and private agencies and the public to plan and implement bicycle and pedestrian projects and programs.
- Monitor levels of walking and bicycling activity



PREVIOUS WORK:

- **Project Development:** Recent planning studies completed include: Non-Motorized Network Connectivity Plan, Bicycle Wayfinding System Study, Safe Routes to School Infrastructure Plan-2014, Little Havana Bicycle/Pedestrian Mobility Plan, Miami Shores Multimodal Mobility Study, North Miami NE 125th Street Multimodal Improvements. Coordinated MPO prioritization of the 2015 Transportation Alternatives Program application cycle.
- **Public Involvement:** Monthly meetings of the Bicycle-Pedestrian Advisory Committee (BPAC). Participated in the Miami-Dade County Public Schools Community Traffic Safety Team, Safe Kids Coalition, Injury Prevention Coalition, Consortium for a Healthier Miami-Dade's Health and Built Environment Committee, Miami-Dade Bike305 committee, Bike/Walk Coral Gables, City of Miami Bicycle Action Committee.
- **Data Collection:** Bicycle/pedestrian traffic counts report-2014, maintenance of two permanent trail counters (M-Path and Snake Creek Trail), coordination with City of Miami and Miami Beach data collection programs.
- **Safe Routes to School:** Infrastructure plans have been developed for over 100 priority Elementary and K-8 schools to support funding applications through the federal SRTS program.

REQUIRED ACTIVITIES:

Project Development:

- Work with planning and implementing agencies to develop non-motorized projects.
- Participate in the review of advanced project notifications and project designs.
- Solicit and prioritize projects through the Transportation Alternatives Program.
- Review the non-motorized section of the 2017 and 2018 Transportation Improvement Programs.

ELEMENT 8: SYSTEMS PLANNING

Public Involvement:

- Hold monthly meetings of the Bicycle/Pedestrian Advisory Committee (prepare agenda, coordinate presentations, prepare meeting summary, follow up)
- Ongoing outreach and coordination through the School Board CTST, Safe Kids Coalition, Injury Prevention Coalition, Health and Built Environment Committee, Bike305 committee, Bike/Walk Coral Gables, Friends of the M-path, Miami Bicycle Action Committee.

Data Collection

- Collect bicycle and pedestrian count data at sites throughout Miami-Dade and through permanent count stations using consultant services. Coordinate with municipal and agency non-motorized traffic count efforts. Report on trends and levels of non-motorized transportation.

Safe Routes to School

- Work with the Public Schools Community Traffic Safety Team to identify priority schools and coordinate the development of infrastructure plans through the General Planning Consultant.

END PRODUCTS:

Project Development: Review and comment on advance notification, early coordination and plan reviews. Work with agencies and local governments to plan and implement non-motorized transportation projects. Coordinate MPO solicitation and review of projects through the Transportation Alternatives Program.

Outreach: Hold monthly BPAC meetings; participate in agency committees and community groups to coordinate non-motorized safety and planning activities.

Safe Routes to School: Infrastructure plans and funding applications submitted to FDOT for the federal SRTS program. (March 2017 and 2018)

PROJECT MANAGER:

David Henderson

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Florida Department of Transportation District Six
Public Works and Waste Management
Department of Transportation and Public Works
Miami-Dade Parks, Recreation and Open Spaces

WORK SCHEDULE: Tasks listed are ongoing activities.

- Start Date: July 2016
- End Date: June 2018

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 8: SYSTEMS PLANNING

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$71,975	\$15,875	\$0	\$0	\$0		\$87,850
County Indirect Costs:							
MPO	\$5,858	\$1,292	\$0	\$0	\$0		\$7,150
Consultant:							
	\$49,158	\$10,842	\$0	\$0	\$0		\$60,000
	\$126,991	\$28,009	\$0	\$0	\$0	\$0	\$155,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$75,763	\$16,710	\$0	\$0	\$0		\$92,473
County Indirect Costs:							
MPO	\$6,167	\$1,360	\$0	\$0	\$0		\$7,527
Consultant:							
	\$49,158	\$10,842	\$0	\$0	\$0		\$60,000
	\$131,088	\$28,912	\$0	\$0	\$0	\$0	\$160,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 8: SYSTEMS PLANNING

TASK NUMBER AND TITLE:

8.4 TRANSPORTATION DISADVANTAGED PLANNING GRANT PROGRAM



PURPOSE:

The Transportation Disadvantaged Planning Grant Program is administered by the Florida Commission for the Transportation Disadvantaged (CTD). It provides guidance to designated official planning agencies when implementing local transportation disadvantaged planning services under the State's Coordinated Transportation Disadvantaged Program, pursuant to Section 427.0159, Florida Statutes. These grant funds allocated from the Transportation Disadvantaged Trust Fund are for the specific purpose of accomplishing the duties and responsibilities of the Designated Official Planning Agency (Miami-Dade MPO) as identified in Chapter 427, Florida Statute, Rule 41-2, Florida Administrative Code, and CTD policies.

PREVIOUS WORK:

- Coordinated and held the required Miami-Dade County Transportation Disadvantaged Local Coordinating Board (LCB) meetings. Produced agendas, minutes, membership rosters, attendance reports, public notice of meetings, and training announcements.
- Completed annual updates of the Transportation Disadvantaged Service Plan (TDSP).
- Held Public Hearings through the LCB. Produced the agenda and minutes for the meeting.
- Completed evaluations of the local Community Transportation Coordinator (CTC), which is Miami-Dade Department of Transportation and Public Works (DTPW) on behalf of the Miami-Dade County Board of County Commissioners (BCC).
- Designated DTPW as the CTC from July 1, 2016 until June 30, 2021.
- The LCB approved their By-Laws with date of update noted on cover page.
- The LCB approved their Transportation Disadvantaged Grievance Procedures with date of update noted on cover page.
- The LCB reviewed and approved the CTC's Annual Operating Report (AOR), which was signed by the LCB Vice Chair.
- The LCB reviewed and approved the completed Actual Expenditure Report (AER) in accordance with the most recent CTD's instructions.
- The LCB reviewed and approved Coordination & Fare Agreements (CFA) between Coordination Contractors and the Miami-Dade County BCC.
- Completed the required Quarterly Progress Reports and submitted them with invoices.
- Attended the annual CTD sponsored Transportation Disadvantaged Training & Technology Conferences as well as regional meetings.

REQUIRED ACTIVITIES:

The following are the required tasks as per the Transportation Disadvantaged Planning Grant agreement:

TASK 1: Jointly develop and annually update the TDSP with the CTC and the LCB.

ELEMENT 8: SYSTEMS PLANNING

TASK 2:

A. When necessary, and in cooperation with the LCB, solicit and recommend a CTC in conformity with Chapters 287 and 427, Florida Statutes. Such recommendation shall be presented to the CTD by Planning Agency staff or their designee, as needed.

OR

B. Provide staff support to the local coordinating board in conducting an annual evaluation of the CTC, including local developed standards as delineated in the adopted TDSP. Assist the CTD in joint reviews of the CTC.

TASK 3: Organize and provide staff support and related resources for at least four (4) LCB meetings per year, holding one meeting during each quarter. LCB meetings will be held in accordance with the CTD's most recent 'Local Coordinating Board and Planning Agency Operating Guidelines', and will include at least the following:

1. Agendas for LCB meetings.
2. Official minutes of LCB meetings and committee meetings (regardless of a quorum). A copy will be submitted along with the quarterly report to the CTD. Minutes will at least be in the form of a brief summary of basic points, discussions, decisions, and recommendations. Records of all meetings shall be kept for at least five years.
3. A current full and active membership of voting and non-voting members to the LCB. By Sept 30th of each year, and any time there is a change in the membership, provide the CTD with a current membership roster and mailing list of LCB members.
4. A report of the LCB membership's attendance at the last 4 consecutive LCB meetings.

Provide public notice of LCB meetings in accordance with the most recent 'Local Coordinating Board and Planning Agency Operating Guidelines'.

Provide program orientation and training for newly appointed LCB members.

TASK 4: Provide at least one public hearing annually hosted by the LCB, and assist the CTD, as requested, in co-sponsoring public hearings. This public hearing must be in addition to the LCB meetings. It may, however, be held in conjunction with the scheduled LCB meeting (immediately following or prior to the local coordinating board meeting).

TASK 5: Develop and annually update By-Laws for the LCB's approval.

TASK 6: Develop, annually update, and implement LCB grievance procedures in accordance with the CTD's most recent 'Local Coordinating Board and Planning Agency Operating Guidelines'. Procedures shall include a step within the local complaint and/or grievance procedure that advises a dissatisfied person about the CTD's Ombudsman Program.

TASK 7: Review and comment on the Annual Operating Report (AOR) for submittal to the LCB, and forward comments/concerns to the CTD.

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 8: SYSTEMS PLANNING

TASK 8: Research and complete the Actual Expenditures Report (AER) for direct federal and local government transportation funds to the CTD no later than September 15th. Complete the AER, using the CTD's approved forms.

TASK 9: Develop and provide the LCB with quarterly progress reports of transportation disadvantaged planning accomplishments and planning contract deliverables as outlined in the planning grant agreement and any other activities related to the transportation disadvantaged program, including but not limited to, consultant contracts, special studies, and marketing efforts.

TASK 10: Attend at least one CTD sponsored training, including but not limited to, the CTD's regional meetings, the annual training workshop, or other sponsored training.

END PRODUCTS:

- Coordinate and hold the Miami-Dade County LCB quarterly meetings
- Hold an annual Public Hearing (June 2017 and 2018)
- Review and approve contractors' Coordination & Fare Agreements (CFA) (December 2017 and 2018)
- Develop and update the Transportation Disadvantaged Service Plan (TDSP) (June 2017 and 2018)
- Evaluate the Community Transportation Coordinator (CTC) (March 2017 and 2018)
- Develop By-Laws for the LCB's approval (September 2016 and 2017)
- Develop Grievance Procedures for the LCB's approval (September 2016 and 2017)
- Develop the AOR for submittal to the LCB (September 2016 and 2017)
- Develop the AER for submittal to the LCB (September 2016 and 2017)
- Produce Quarterly Progress Reports
- Attend CTD training workshops/meetings as required

PROJECT MANAGER:

Elizabeth Rockwell, Miami-Dade MPO

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (primary agency)
Miami-Dade Department of Transportation and Public Works (as the CTC)

WORK SCHEDULE:

Start Date: July 2016
End Date: June 2018

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 8: SYSTEMS PLANNING

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0	\$69,133	\$69,133
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0	\$5,627	\$5,627
	\$0	\$0	\$0	\$0	\$0	\$74,760	\$74,760

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0	\$69,355	\$69,355
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0	\$5,645	\$5,645
	\$0	\$0	\$0	\$0	\$0	\$75,000	\$75,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

ELEMENT 8: SYSTEMS PLANNING

TASK NUMBER AND TITLE:

- 8.5 AMERICANS WITH DISABILITIES ACT (ADA) REQUIRED INFRASTRUCTURE IMPROVEMENTS



PURPOSE:

To bring County infrastructure into ADA compliance, by removing pedestrian barriers to provide access to public facilities. This is a continuing activity.

PREVIOUS WORK:

- Service Request(s) (SR) for FYs 2015 and 2016 through February 2016 has been 191 Year to Date (YTD). They are originated direct from citizens, form 311 calls, and from other Departments. First, the sites are verified to be in Miami Dade areas, then surveyed for possible solution(s) in the public rights-of-ways to comply with ADA Title II Accessibility requirements. Finally, an ADA Hotline contract is created to address removal of architectural barriers at sites where repairs have been confirmed justified.
- Department of Transportation and Public Works (DTPW) continues to survey existing infrastructures to determine locations where improvements are needed. These improvements are in the category of sidewalks, curb-cuts, median-cuts, pedestrian ramps/connectors and implementation of approved Detectable Warning Surfaces (DWS)
 - Provide Code interpretation of updated revisions by: Florida Department of Transportation (FDOT), American with Disabilities Act Accessibility Guidelines (ADAAG), Public Rights of Way Accessibility Guidelines (PROWAG), Department of Justice (DOJ), Manual of Uniform Traffic Control Devices (MUTCD), Federal Highway Administration (FHWA) and others.
 - Assist County Attorney's Office (CAO) with legal matters pursuant ADA Title II for County maintained Right of Ways (ROW).
 - Testing of manufacturers' new detectable warning surfaces at Road, Bridge & Canal division since 2004.
 - Provide construction estimating & technical support.
 - Provide final inspections of completed sidewalks, ramps and connectors improvements listed in the yearly hotline and "Safe Routes to School" programs
 - Attend and participate/respond on ADA related issues at Commission on Disability Issues (CODI) monthly meetings.
 - Provide customer service at large to constituents, Miami Dade Project Manager and municipalities.
- Members of the emergency and disaster survey team.

REQUIRED ACTIVITIES:

- Continue plans review for consultants, DTPW and municipal joint participation agreements as well as new permitting electronic system.
- Develop cost estimates for needed sidewalks and ramps improvements, seek funding sources, and prepare estimates for its construction, in accordance with ADA adopted guidelines.

ELEMENT 8: SYSTEMS PLANNING

- Follow up construction process to final product.

END PRODUCTS:

Prioritized construction work orders for infrastructure sidewalks and pedestrian ramp improvements to county maintained roadways for compliance with ADA compliance. (June 2017 and June 2018)

PROJECT MANAGER:

Raul Rios

PARTICIPATING AGENCIES:

Department of Transportation and Public Works (DTPW) (Primary agency)
Miami-Dade Metropolitan Planning Organization
Florida Department of Transportation - District Six

WORK SCHEDULE:

This is a continuing activity.

- Start Date: July 2016
- End Date: June 2018

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 8: SYSTEMS PLANNING

FUNDING:

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Other Departments:							
DTPW	\$24,579	\$5,421					\$30,000
	\$24,579	\$5,421	\$0	\$0	\$0	\$0	\$30,000

Year 2 - FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
County Indirect Costs:							
MPO	\$0	\$0	\$0	\$0	\$0		\$0
Other Departments:							
DTPW	\$24,579	\$5,421					\$30,000
	\$24,579	\$5,421	\$0	\$0	\$0	\$0	\$30,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

This funding effort only represents a portion of the required funds needed to complete all tasks shown. The Department of Transportation and Public Works absorbs their share of the costs.

ELEMENT 8: SYSTEMS PLANNING

TASK NUMBER AND TITLE:

8.6 MUNICIPAL GRANT PROGRAM

PURPOSE:

Encourage Miami-Dade County municipalities to participate in a competitive program for the performance of relevant transportation planning studies.



PREVIOUS WORK:

- Five cities were awarded funding and completed during the FY 2015 program and as follows: City of South Miami Pedestrian Safety and Mobility Infrastructure Improvements Plan, City of Miami Beach Boardwalk/Beachwalk Feasibility Study, City of North Miami Downtown Multi-Modal Traffic Circulation Plan, City of Miami Shores Multimodal Mobility Study, Town of Miami Lakes Alternatives to Concurrency Study and City of Miami Little Havana Bike/Pedestrian Mobility Study.
- The MPO received proposals from municipalities for the FY 2017 program, and will include the selected studies in the final draft.

REQUIRED ACTIVITIES:

- To plan for transportation improvements stressing community-based methods and cost-effective solutions.
- The following award recommendations were made for work to begin during FY 2017:
 - Doral One-Way Street Conversions Study \$44,000 – To explore the feasibility of converting NW 112th Avenue and NW 114th Avenue between NW 41st Street and NW 58th Street to one-way pair roads in order to increase capacity while incorporating complete street elements such as bicycle and transit lanes and on-street parking to support pedestrian, bicycle and transit use and better serve the community.
 - Miami Beach Intermodal Hubs Feasibility Study \$40,000 – To identify strategic sites/footprints in South Beach, Mid Beach and North Beach and connections to regional and local transit and alternative modes.
 - North Miami Optimizing NOMI Express Routes \$64,000 – To prepare the City of North Miami’s local transit circulator, the NOMI Express, for future changes and enhancements to the regional transportation network and recommend specific short and long term improvements. The goal is to integrate the NOMI Express with the regional network and other circulators by recommending changes to routes, transfer points and technology.
 - Doral Trolley Route Expansion Study \$28,000 – To explore the feasibility of expanding the existing Doral Transit System to provide connectivity to Florida International University in order to reduce congestion and dependence on motor vehicle use, support transit, pedestrian, bicycle use and better serve the community.
 - Medley Multimodal Mobility Opportunities Study \$48,000 – To identify multimodal mobility challenges and research opportunities that can be implemented as best practice

ELEMENT 8: SYSTEMS PLANNING

solutions for our region. The study will provide the following: assessment of existing conditions; data analysis; interagency coordination, community engagement; update to transit circulator study; recommend improvements and publication of final report.

- Cutler Bay Complete Streets Corridor Analysis \$50,000 – Analyze factors such as land use characteristics, volume of pedestrian and bicycle users, existing and planned transit routes and available right of way to determine the most context sensitive solution for each corridor in the proposed analysis.
- Aventura Unified Master Plan for Pedestrian and Bicycle Connectivity \$40,000 – To create a vision for pedestrian and bicycle transportation within the City, including its routes and linkages to itself and residential, commercial, recreational and transportation generators. Additionally, the report developed as a result of this effort will serve as the non-motorized component of the City’s Transportation Element of the Comprehensive Plan.
- Miami Lakes Complete Streets Implementation Plan \$40,000 – To provide Town staff with clarity on what projects are feasible in the short and long term, create a catalogue of existing conditions such as right of way restrictions, existing infrastructure, potential partnerships with private and public sector organizations to provide last mile connectivity, and zoning regulation changes needed for successful implementation.
- Progress reports required before any reimbursements can be approved.

END PRODUCTS:

Doral One-Way Street Conversions Study
Miami Beach Intermodal Hubs Feasibility Study
North Miami Optimizing NOMI Express Routes
Doral Trolley Route Expansion Study
Medley Multimodal Mobility Opportunities Study
Cutler Bay Complete Streets Corridor Analysis
Aventura Unified Master Plan for Pedestrian and Bicycle Connectivity
Miami Lakes Complete Streets Implementation Plan

PROJECT MANAGER:

Oscar Camejo

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (Primary agency)
Selected Municipalities
Florida Department of Transportation - District Six

WORK SCHEDULE:

- Start Date: July 2016
- End Date: June 2018

FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM

ELEMENT 8: SYSTEMS PLANNING

FUNDING:

Year 1 - FY 2016/17

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$22,729	\$5,013	\$0	\$0	\$0		\$27,742
County Indirect Costs:							
MPO	\$1,850	\$408	\$0	\$0	\$0		\$2,258
Consultant:							
	\$144,197	\$31,803	\$0	\$0	\$0		\$176,000
FY 2016 Carryover			\$142,400	\$17,800	\$17,800		\$178,000
	\$168,776	\$37,224	\$142,400	\$17,800	\$17,800	\$0	\$384,000

Year 2 -FY 2017/18*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
MPO	\$22,729	\$5,013	\$0	\$0	\$0		\$27,742
County Indirect Costs:							
MPO	\$1,850	\$408	\$0	\$0	\$0		\$2,258
	\$24,579	\$5,421	\$0	\$0	\$0	\$0	\$30,000

*The budget and PL funds are illustrative for year 2 until approved by the appropriate entities.

UPWP APPENDIX

Table of Contents

Planning Efforts

FDOT District Six Planning Program	P1
Miami Dade Expressway Authority Studies	P4
Miami Dade Department of Transportation and Public Works	P5
SFRTA Planning Efforts	P7

Signed Documents

FDOT/MPO 2016 Joint Certification Report	P12
MPO Resolution	P24
Disadvantaged Business Enterprise Utilization	P26
Debarment and Suspension Certification	P27
Lobbying Certification for Grants, Loans and Cooperative Agreements	P28
Title VI/Nondiscrimination Assurance	P29

Funding

Table 1: Agency Participation	P32
Table 2: Funding Source	P34
Table 3: FTA Deliverables Table	P36
Table 4: Funding Summary	P38

Other

Florida Planning Emphasis Areas	P39
Federal Planning Emphasis Areas	P43
FAST Act Planning Factors	P46
UPWP Development Schedule	P48
Acronyms List	P49

FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT SIX PLANNING PROGRAM FY 2017 & 2018

The Florida Department of Transportation (FDOT) is a partner in the transportation planning activities of the Miami-Dade MPO. The transportation planning products and services provided by the District Six Intermodal Systems Development (ISD) Office fall into the categories described below: MPO coordination and support; corridor planning and analysis; and transportation statistics and freight planning.

MPO/Local Government Coordination and Support: The Intermodal Systems Development Office provides administrative and technical support to the MPO, and to local governments. The District grants approximately \$2 million of Federal Planning (PL) funds annually to the MPO to fund the Unified Planning Work Program. The District also provides technical assistance for the development of the MPO's 25-year Long Range Transportation Plan (LRTP), and the five-year Transportation Improvement Program (TIP). District staff serves on many MPO committees and has non-voting representation on the MPO Governing Board. Through the Transportation Alternative Program (TAP), the District provides funds to municipalities and other agencies for non-motorized transportation projects. The District participates in various local and regional government committees, such as the South Florida Regional Planning Council (SFRPC), the South Florida Regional Transportation Authority's Planning Technical Advisory Committee (PTAC), the Southeast Florida Transportation Council (SEFTC) and the Regional Transportation Technical Advisory Committee (RTTAC).

Corridor Planning and Analysis: Corridor planning includes a variety of studies ranging from county-wide systems level studies to detailed operational analysis of specific corridors. Often the corridors selected for study are projects identified in the LRTP, which have existing or projected deficiencies. Occasionally, corridor improvements are studied that may become projects adopted into the LRTP. Methodologies generally include analyzing the existing and future traffic conditions in the corridor, identifying potential environmental, social, and policy barriers, and recommended improvements. Typically, they include tasks for public participation. These studies often provide the basis for more detailed project development and environmental studies.

Transportation Statistics: Transportation Statistics collects the highway and traffic data that the Department needs to carry out its responsibilities. It provides data in two important areas. First, there are roadway inventory data, which are documented in the Roadway Characteristics Inventory (RCI), the Straight Line Diagrams (SLDs) and the Video Log Library. The second is the collection and reporting of traffic count data, including vehicle classification, and the development of future traffic projections used in pavement structural design. Statistics also administers the pavement management system, which evaluates the structural integrity of pavement on the State Highway System (SHS) and develops the list of future resurfacing projects. Statistics compiles and updates an extensive list of maps to display the data that are collected, including maintenance of the Geographic Information System (GIS).

Planning Studies: This section provides a listing, with a short description, of some of the more prominent FDOT activities and projects ongoing or anticipated to begin during fiscal year 2017.* (See attached list)

* Please note that this is not an exhaustive list of all activities to be carried out by the FDOT District 6 ISD Office, and it does not include projects in production phases of development (such as design and construction). For a complete list of all FDOT projects, in all phases of development, please refer to the MPO's TIP.

**Florida Department of Transportation
District Six Planning Program
FY 2017**

Planning Studies				
NUMBER	PROJECT TITLE	PURPOSE	ESTIMATED COST	ESTIMATED TIME FRAME
1	I-95 FROM US 1 TO DADE/BROWARD LINE 414964-6	CORRIDOR/SUBAREA PLANNING - I-95 MASTERPLAN	\$3,573,791	01/29/15 TO 02/01/18
2	SR 90/US 41/SR 5/US 1 FROM SE 8 STREET TO NE 215 STREET 434845-2	PLANNING STUDY RECOMMENDED FROM 2013 PLANNING LISTENING SESSION	\$760,295	07/30/15 TO 3/10/17
3	SR 826/PALMETTO EXPY FROM US-1/S. DIXIE HWY TO SR 836/DOLPHIN XWAY 432639-1	PLANNING STUDY AND CONCEPTUAL ENGINEERING TO EVALUATE EXPRESS LANES ALTERNATIVES ON SR 826 FROM SR 836 TO US1	\$619,451	09/17/14 TO 10/05/17
4	SR 90/US 41/SW 8 STREET FROM SR 997 TO SW 122 AVENUE 434845-5	PLANNING STUDY RECOMMENDED FROM 2013 PLANNING LISTENING SESSION	\$244,966	09/23/15 TO 9/15/16
5	SR 5/US 1 FROM SW 152 TO SR 9/I-95 434845-1	PLANNING STUDY RECOMMENDED FROM 2013 PLANNING LISTENING SESSION	\$1,293,721	NOTICE TO PROCEED APRIL 25 2016
6	SR 860/MIAMI GDNS DR/NW 183 Street FROM I-95 TO SR 823 438864-1	PLANNING CORRIDOR STUDY EVALUATE EXISTING AND FUTURE OPERATIONAL CONDITIONS AND IDENTIFY IMPROVEMENTS	\$250,000	ANTICIPATED TO START JUNE 2016
7	SR 953/NW 42 AVE WITH SR 948/NW 36 STREET AND SR 25/OKEECHOBEE RD 438521-1	PLANNING STUDY RECOMMENDED FROM 2015 PLANNING LISTENING SESSION	\$750,000	ANTICIPATED TO START NOVEMBER 2016
8	SR 976/BIRD ROAD FROM SR 821 TO US 1 434845-4	PLANNING STUDY RECOMMENDED FROM 2013 PLANNING LISTENING SESSION	\$670,000	ANTICIPATED TO START AUGUST 2016
9	SR 5/US 1 FROM SW 344 STREET/PALM DRIVE TO SR 992/SW 152 STREET 438611-1	PLANNING STUDY RECOMMENDED FROM 2015 PLANNING LISTENING SESSION	\$1,500,000	ANTICIPATED TO START DECEMBER 2017
10	SR 25/OKEECHOBEE RD FROM NW 72 AVENUE/W 12 AVENUE TO SE 4 AVENUE/EAST DRIVE 438028-1	PLANNING STUDY RECOMMENDED FROM 2015 PLANNING LISTENING SESSION	\$545,000	ANTICIPATED TO START DECEMBER 2018

* Please note that this is not an exhaustive list of all activities to be carried out by the FDOT District 6 ISD Office, and it does not include projects in production phase of development (such as design or construction). For a complete list of all FDOT projects, in all phases of development, please refer to the MPO's TIP

**Florida Department of Transportation
District Six Planning Program
FY 2017**

Project Development and Environmental (PD&E) Studies				
NUMBER	PROJECT TITLE	PURPOSE	ESTIMATED COST	ESTIMATED TIME FRAME
1	SR 90/SW 7 ST/SW 8 ST FROM BRICKELL AVENUE TO SR 9/SW 27 AVENUE 432639-6	PD&E STUDY I-95 INTERCHANGE AT SW 7/8 STREETS WILL BE EVALUATED FOR RECONSTRUCTION. IMR STUDY REQUIRED.	\$3,566,290	7/13/2015 4/9/2018
2	SR 968/FLAGLER ST FROM SR 821/HOMESTEAD EXTENSION OF FLORIDA'S TURNPIKE (HEFT) TO SR 5/US-1/ BISCAYNE BOULEVARD 437782-1	PD&E STUDY PREMIUM TRANSIT ALONG SR 968/FLAGLER STREET	\$2,661,170	9/14/2015 11/20/2017
3	SR 9/NW 27 AVE FROM MIAMI INTERMODAL CENTER TO NW 215 ST 438076-1	PD&E STUDY PREMIUM TRANSIT STUDY	\$3,581,740	10/19/2015 11/20/2017
4	SR 94/KENDALL DR FROM SR 997/KROME AVE TO SR 5/S DIXIE HWY 437784-1	PD&E STUDY PREMIUM TRANSIT STUDY	\$3,581,740	1/04/2016 11/20/2017
5	91 ST/SURFSIDE ST INDIAN CREEK BRIDGE BRIDGE# 876100 434605-1	PD&E STUDY INDIAN CREEK VILLAGE BRIDGE IN THE CITY OF SURFSIDE FOR POTENTIAL BRIDGE REHAB	\$1,636,870	ANTICIPATED TO START DECEMBER 2017
6	SR 9A/I-95 FROM S. OF SR 836/I-395 TO BROWARD COUNTY LINE 414964-1	SEE 95 EXPRESS UNDER 4154561	\$14,077,140	ANTICIPATED TO START MARCH 2018
7	SR 9A/I-95 FROM NORTH OF SR 90/SW 8 STREET TO SOUTH OF SR 836/I-395 414964-8	PD&E STUDY STRATEGIC INTERMODAL SYSTEM	\$3,995,000	ANTICIPATED TO START SEPTEMBER 2018
8	SR 9A/I-95 FROM US-1/SOUTH DIXIE HIGHWAY TO SOUTH OF SR 90/SW 8 STREET 414964-7	PD&E STUDY STATE-WIDE ACCELERATION TRANSFORMATION (SWAT) PROJECT STRATEGIC INTERMODAL SYSTEM	\$7,036,800	ANTICIPATED TO START JUNE 2018
9	SR 826/PALMETTO EXPY FROM SR 968/W FLAGLER ST TO NW 154 STREET 418423-6	PD&E STUDY THE SR 826 'ULTIMATE'	\$2,246,360	ANTICIPATED TO START JUNE 2020

* Please note that this is not an exhaustive list of all activities to be carried out by the FDOT District 6 ISD Office, and it does not include projects in production phase of development (such as design or construction). For a complete list of all FDOT projects, in all phases of development, please refer to the MPO's TIP

AGENCY/ENTITY: Miami-Dade Expressway Authority (MDX)				
#	TITLE	PURPOSE	ESTIMATED COST (Planning Studies / Concept Dev.)	TIMEFRAME
1	SR 836 Southwest Extension (83618)	PD&E Study for new expressway extension of SR 836 from NW 137 th Avenue to the southwest Kendall area as part of the MDX Master Plan and the MPO Long-Range Transportation Plan.	\$6.8 Million	Dec. 2013 – Dec. 2018
2	SR 836 New HEFT Ramp Connections (83634)	IMR for new connections from SR 836 to the Homestead Extension of the Florida's Turnpike (HEFT) including eastbound SR 836 to northbound HEFT general purpose lanes, southbound HEFT general purpose lanes to westbound SR 836 and southbound HEFT express lanes to SR 836 eastbound and westbound.	\$930 Thousand	July 2015 – June 2016.
3	SR 874 /SW 72nd Street Interchange (87413)	PEIR for new southbound exit ramp to SW 72nd Street and new northbound entrance ramp to SR 874 from SW 72nd Street.	\$845 Thousand	July 2016 – Jul. 2017
4	SR 924 Extension East to I-95 (92407)	PD&E Study for a new expressway extension from SR 924 at 32 nd Avenue east to I-95 along NW 119 th Street as part of the MDX Master Plan and the MPO Long-Range Transportation Plan.	\$2.3 Million	Jun. 2010 – June 2016
5	Connect 4 Express (20001)	PD&E Study for a new expressway connecting SR 836, SR 112 and SR 924. Includes system interchanges with SR 836, SR 112 and SR 924 and potential service interchanges with NW 54 th Street, NW 79 th Street and NW 103 rd Street with connectors to NW 37 th Avenue.	TBD	TBD

Note: All these projects are solely funded with toll dollars.
 Planning-stage projects funded in MDX 2017-2021 Work Program (2/24/16)

AGENCY/ENTITY: DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (DTPW)

#	TITLE	PURPOSE	ESTIMATED COST	TIMEFRAME
1a	Short Range Transit Planning	Preparation of the Transit Development Plan (TDP). Required to comply with Florida Statutes 341.052 and 341.071. All short-term transit plans are reflected in this document along with their financial impact. <ul style="list-style-type: none"> • Prepare Minor Updates of the TDP in 2017 and 2018 	<hr/> <u>2017 & 2018</u> \$60K & \$60K	Yearly beginning in January and submitting to FDOT prior to September
1b 1c 1d 1e 1f 1g 1h 1j 1k		Update of supporting documents which are part of the People’s Transportation Plan (PTP) including, but not limited to, Implementation of the following: <ul style="list-style-type: none"> • North Corridor • East-West Corridor • East-West Corridor • North East Corridor • Douglas Corridor • Kendall Corridor • South Dade Corridor • Palmetto Corridor • Ludlam Corridor • Express Bus Service along key corridors 	<u>2017 & 2018</u> \$100K & \$100K	Continuous
1l		Update Existing and Proposed Transit Facilities Inventory Spreadsheet and Plan	<u>2017 & 2018</u> \$5K & \$5K	Continuous
2	Transportation / Land Use Coordination	Continuing planning activities. Work involves: Assessing and providing a transit impact report for each of the applications to the bi-annual requests to amend the Comprehensive Development Master Plan; Assist with the Development of the Evaluation and Appraisal Report, in particular, the Transportation Element and Transit Component; Review and assess transit impacts and provide summary reports on projects going through the Development of Regional Impact processes, the Development Impact Committee; Advance Notifications of State or Federal Projects. Review Technical Studies that assist in evaluating transportation/land use interactions.	2017 & 2018 <u>\$75K & \$75K</u>	Continuous

**AGENCY/ENTITY:DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (DTPW)-
cont.**

#	TITLE	PURPOSE	ESTIMATED COST	TIMEFRAME
3	FTA Civil Rights Requirements	<p>FTA recipients are required to comply with FTA Regulations and follow the guidelines provided to respond to their requirements for monitoring Civil Rights compliance based on the level of transit service provided to minority and low income communities.</p> <ul style="list-style-type: none"> • Prepare Minor Report in 2017 • Prepare Major Report in 2018 <p>Review and analyze all data collected for this response to determine whether there is a potentially disparate impact among the communities that utilize the system, as required by Title VI's Service and Fare Equity Analysis.</p>	<p>2017 & 2018</p> <p>\$25K & \$25K</p>	Continuous

**SOUTH FLORIDA REGIONAL TRANSPORTATION AUTHORITY'S (SFRTA) SHORT AND
LONG RANGE TRANSPORTATION SYSTEM PLANNING AND LAND USE DEVELOPMENT**

(Prepared by the SFRTA for the FYs 2017-2018 UPWP Task - Update for 3 MPOs)

OBJECTIVES:

SFRTA's overarching goal is to serve in a leadership role to provide and expand efficient, high-quality premium transit in the Southeast Florida region. SFRTA currently operates the Tri-Rail Commuter Rail System and endeavors to provide transportation choices that improve the region's mobility, economic viability, and quality of life.

SFRTA's regional service covers Miami-Dade, Broward, and Palm Beach Counties. SFRTA's planning work includes the following:

- General Development and Comprehensive Planning
- Long Range and Short Range Project-Level Planning
- Capital and Operations Planning
- Interagency and Public and Private Sector Project Development
- Program Support and Administration

Previous Work – 2013-2015

- Assumed dispatch and maintenance control of the South Florida Rail corridor
- Received FTA grant for TRCL TOD and station area planning
- Completed *Miami-Dade Rail Opportunities* booklet
- Completed the *CSX Kendall/Homestead* expansion booklet
- Completed *South Florida Transit Resource Guide*, 2nd Edition
- Developed public and private sector funding partnerships for the Tri-Rail Downtown Miami Link project
- Facilitated new private development and plans around multiple Tri-Rail stations, including Hialeah, Pompano Beach, Sheridan Street, West Palm Beach, and other locations
- Completed a Cypress Creek Mobility Hub Master Plan
- Commenced and completed substantial construction of the new Pompano Beach Operations Center and Station Improvements
- Advanced development of the Northern Layover Facility project
- Completed new shuttle bus contract with significant upgrade to bus fleet
- All 3 regional airports became connected to Tri-Rail with new shuttle bus service to Palm Beach International Airport.
- Placed new locomotives into Tri-Rail service
- Placed three new "bike cars" into Tri-Rail service
- Commenced planning process for new Boca Raton station
- Finalized the SFRTA Tri-Rail Pedestrian Access Plan
- Completed new 2015-2020 contract with both Regional Planning Councils.
- Participated in process and adoption of the Southeast Florida Transportation Council's 2040 Regional Transportation Plan, including strong transit focus and SFRTA/Tri-Rail projects

**SOUTH FLORIDA REGIONAL TRANSPORTATION AUTHORITY'S (SFRTA) SHORT AND
LONG RANGE TRANSPORTATION SYSTEM PLANNING AND LAND USE DEVELOPMENT**

(Prepared by the SFRTA for the FYs 2017-2018 UPWP Task - Update for 3 MPOs)

Previous Work – 2013-2015, continued

- Served as panelists/speakers at numerous transportation forums/events/conferences in South Florida and nationwide
- Received successful triennial review from FTA, without findings.
- Completed FY 2016-2025 TDP; approved by FDOT without with no corrective comments.
- Received Award of Excellence from Gold Coast Section of the APA for *Miami-Dade Rail Opportunities* booklet

METHODOLOGY:

SFRTA's mission is to provide greater mobility and transportation choice in South Florida, thus improving economic viability and the quality of life.

SFRTA develops working relationships with public and private sector entities and organizations whose focus is to develop regional transportation integrated with transit supportive land use. To this end, SFRTA works with the South Florida and Treasure Coast Regional Planning Councils on the region's strategic planning policy for transportation and land use regulation and process.

- SFRTA will continue to develop and advance transit projects throughout the tri-county region.
- SFRTA works with the three tri-county MPOs to develop their Regional Long Range Transportation Plans (RLRTP);
- SFRTA attends MPO technical advisory committees and MPO Board meetings in Miami-Dade, Broward and Palm Beach Counties.
- SFRTA works with MPOs and FDOT on work program and TIP development, and
- SFRTA provides the MPOs with capital project priority lists on an annual basis.
- It is SFRTA's objective to prepare all of the required, on-going planning documents, such as National Transit Database Reports and Grants Quarterly Reports in order to receive federal, state and local funding.

END PRODUCTS:

SFRTA Miami Dade County and Regional Projects for the 2015-2020 Timeframe include:

The Tri-Rail Coastal Link (TRCL)

The purpose of the TRCL project is to operate a passenger rail service on the Florida East Coast (FEC) Railway right-of-way within the region. This planned service is a strategic investment for Southeast Florida with the potential to transform regional access and mobility and enhance the long-term competitive position of our region. The project is expected to generate extensive economic and job development to include transit-oriented development opportunities near TRCL stations. SFRTA coordinates with the FDOT, the MPOs, private and public sector stakeholders, the South Florida and Treasure Coast Regional Planning Councils, and the Southeast Florida Transportation Council (SEFTC), and local governments.

SOUTH FLORIDA REGIONAL TRANSPORTATION AUTHORITY'S (SFRTA) SHORT AND LONG RANGE TRANSPORTATION SYSTEM PLANNING AND LAND USE DEVELOPMENT

(Prepared by the SFRTA for the FYs 2017-2018 UPWP Task - Update for 3 MPOs)

END PRODUCTS, 2015-2020 Timeframe, continued:

FEDERAL TRANSIT ADMINISTRATION (FTA) GRANT, PILOT PROGRAM FOR TRANSIT-ORIENTED DEVELOPMENT (TOD)

SFRTA received an FTA grant in September 2015, for TOD planning along the proposed Tri-Rail Coastal Link (TRCL) commuter rail line. SFRTA will partner with the South Florida Regional Planning Council and Treasure Coast Regional Planning Council to complete the study. The work will include comprehensive station area planning, an infrastructure assessment, station-area bicycle and pedestrian planning, an affordable housing analysis, and will explore creation of a regional TOD Fund. Earlier market and economic analysis of the potential development TRCL could generate identified station-area residential and commercial development in the billions of dollars. The TOD work will provide the region with suggestions on how to realize that economic potential and increase livability and quality of life in South Florida.

TRI-RAIL REAL-TIME PASSENGER INFORMATION SYSTEM (RTPIS), and SMART PHONE APPLICATION

SFRTA 's RTPIS will provide train locations and predicted arrival times at each station via the internet, smartphone app, telephone, text message, and LCD displays location on the station platforms. The system will include onboard signage and an audio system on train cars to display and announce next station arrival and destination information. The train-tracking component is expected to be available via internet and smartphone app in 2016.

TRI-RAIL STATION AND PARKING LOT IMPROVEMENTS

An SFRTA Parking and Circulation Study evaluated parking facilities and various other passenger amenities (i.e. bike racks, signage, trash receptacles and benches, etc.) at all Tri-Rail stations. Study recommendations for parking, access and miscellaneous improvements and upgrades to various Tri-Rail stations are programmed to implement over the next five years.

MIAMI RIVER-MIAMI INTERMODAL CENTER CAPACITY (MR MICCI) IMPROVEMENT

This project will provide additional mainline tracks, adding rail capacity to the southernmost 1.25 miles of the SFRC South Florida Rail Corridor (SFRC) corridor from just north of Tri-Rail Hialeah Market Station, to the Tri-Rail Miami Airport Station at the Miami Intermodal Center's (MIC) Miami Central Station (MCS). It will greatly improve access and connectivity to the MIC and SFRC capacity for Tri-Rail and freight trains, and potentially accommodate new Amtrak intercity and high speed service at the MIC, and improve connections between rail and air travel. The project includes a new bridge across the Miami River to accommodate the added mainline track(s). The project addresses a capacity deficiency along the system which negatively impacts travel time and schedule adherence. Without these improvements, existing deficiencies will be exacerbated with the future extension/expansion of Amtrak service along this segment and into the MIC.

SOUTH FLORIDA REGIONAL TRANSPORTATION AUTHORITY'S (SFRTA) SHORT AND LONG RANGE TRANSPORTATION SYSTEM PLANNING AND LAND USE DEVELOPMENT

(Prepared by the SFRTA for the FYs 2017-2018 UPWP Task - Update for 3 MPOs)

END PRODUCTS, 2015-2020 Timeframe, continued:

POSITIVE TRAIN CONTROL (PTC)

SFRTA will install PTC on all trains as required by Congressional mandate (2008). This mandate requires PTC installation for all railroads on mainlines that transport intercity passenger or provide commuter rail services. PTC is an advanced safety technology capable of preventing a range of train movement accidents that include train-to-train collisions, derailments caused by excessive speed, work-zone incursions, and main-line switching errors. PTC systems also enable a railroad to run scheduled operations and provide improved running time, greater running time reliability, higher asset utilization, and greater track capacity. They will assist railroads in measuring and managing costs and in improving energy efficiency.

OPA LOCKA PARKING IMPROVEMENTS

This project for design and construction of the additional parking lot includes improved existing bus waiting and kiss-n-ride areas; increased signage and striping to improve vehicular circulation throughout; and enhanced pedestrian amenities and connection to the station. The existing parking capacity to the station is 72 spaces and 4 bus bays. The improvements will increase parking capacity to meet the year 2020 projection of 115-130 parking spaces for this station. Construction is anticipated Fall 2016.

ROLLING STOCK OVERHAUL / SPARE PARTS

Rolling stock is one of SFRTA's major capital investments; it must be well maintained to maximize its service life. SFRTA's capital budget funds the overhaul and rehabilitation of rail equipment, the purchase of spare components, painting of rail equipment, and other train related maintenance items.

PROGRAM OF PROJECTS

SFRTA receives annual Federal Appropriations Sections 5307 and 5337 funding from the Federal Transit Administration (FTA). Programmed into SFRTA's Capital and Operating Budget, it funds preventive maintenance costs, items such as rolling stock maintenance, station maintenance, wayfinding, transit enhancements, general engineering consultants and transit oriented development, which are allowable expenditures of funds under FTA guidelines.

PROJECT MANAGERS:

Bill Cross, SFRTA
Oscar Camejo, Miami-Dade MPO
Michael Roskavitz, Broward MPO Nick
Uhren, Palm Beach MPO

PARTICIPATING AGENCIES:

South Florida Regional Transportation Authority, Miami-Dade County Metropolitan Planning Organization, Broward County Metropolitan Planning Organization, Palm Beach County Metropolitan Planning Organization, Florida Department of Transportation – District's IV and VI Offices, Palm Tran, Broward County Transit, Miami-Dade Transit, South Florida Regional Planning Council, Treasure Coast Regional Planning Council, Federal Transit Administration and the Federal Highway Administration.

SOUTH FLORIDA REGIONAL TRANSPORTATION AUTHORITY'S (SFTRA) SHORT AND
LONG RANGE TRANSPORTATION SYSTEM PLANNING AND LAND USE DEVELOPMENT

(Prepared by the SFRTA for the FYs 2017-2018 UPWP Task - Update for 3 MPOs)

WORK SCHEDULE:

There is no specific deadline for this task. This work item is a program of continuing planning activities.

Start Date: July 2016

End Date: June 2017-2018

FUNDING:

\$700,000 is funded with 5307 for FY 2017, and \$1,000,000 for FY 2018 (\$340,000 local 20% match to FTA). Local match is satisfied with the FTA by using FOOT Toll Credits.*

*South Florida Regional Transportation Authority (SFRTA) is a regional agency, which serves Palm Beach, Broward and Miami-Dade Counties.

MIAMI URBANIZED AREA
MIAMI-DADE COUNTY METROPOLITAN PLANNING ORGANIZATION (MPO)
FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DISTRICT SIX

2016 JOINT CERTIFICATION REPORT

OF THE METROPOLITAN TRANSPORTATION PLANNING PROCESS

Prepared By:

FDOT District Six

&

Miami-Dade MPO



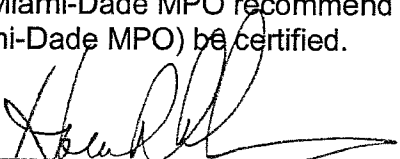
**JOINT CERTIFICATION STATEMENT ON THE MIAMI-DADE METROPOLITAN
PLANNING ORGANIZATION (MPO) METROPOLITAN TRANSPORTATION
PLANNING PROCESS**

Pursuant to the requirements of 23 U.S.C. 134 (k)(5), 23 CFR 450.334(a), the Department and the MPO have performed a review of the certification status of the metropolitan transportation planning process for the Miami-Dade MPO with respect to the requirements of:

1. 23 U.S.C. 134 and 49 U.S.C. 5303;
2. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 C.F.R. Part 21
3. 49 U.S.C. 5332 prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
4. Section 1101(b) of MAP-21 and 49 C.F.R. Part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
5. 23 C.F.R. Part 230 regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
6. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and the regulations found in 49 C.F.R. Parts 27, 37, and 38;
7. The Older Americans Act, as amended (42 U.S.C. 6101) prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
8. Section 324 of 23 U.S.C. regarding the prohibition of discrimination on the basis of gender; and
9. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 C.F.R. Part 27 regarding discrimination against individuals with disabilities.

Included in this certification package is a summary of noteworthy achievements by the MPO, attachments associated with these achievements, and (if applicable) a list of any recommendations and/or corrective actions. The contents of this Joint Certification Package have been reviewed by the MPO and accurately reflect the results of the joint certification review meeting held on March 8th, 2016.

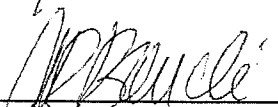
Based on a joint review and evaluation, the Florida Department of Transportation and the Miami-Dade MPO recommend that the Metropolitan Planning Process for the Miami-Dade MPO be certified.



District Secretary (or designee)

6/16/16

Date



MPO Chairman (or designee)

6/15/16

Date

TABLE OF CONTENTS

<u>Title</u>	<u>Page #</u>
I. INTRODUCTION	1
II. REQUIREMENTS.....	1
III. FOCUS AREAS	2
1. FDOT Tentative Work Program.....	2
2. Long Range Transportation Plan 2040	2
3. MPO Program Priorities.....	2
4. Transportation Alternatives Program (TAP).....	2
5. General Planning Consultant (GPC) Process	3
6. Financial Management	3
7. Title VI Procedures and Disadvantaged Business Enterprise (DBE)	3
8. Transportation Regional Incentive Program (TRIP).....	3
9. Fixing America's Surface Transportation Act (FAST)	3
10. Regional Coordination	4
11. Federal Certification and Site Visit.....	4
IV. ONGOING INITIATIVES	4
V. HIGHLIGHTS AND EVENTS.....	5
VI. SUMMARY OF MPO STUDIES	7
VII. BEST PRACTICES.....	7
VIII. CONCLUSIONS AND RECOMMENDATIONS	9



I. INTRODUCTION

In accordance with Chapter 7 of the Metropolitan Planning Organization (MPO) Management Handbook (“Handbook”), the Florida Department of Transportation (FDOT) and the MPO must jointly certify the Metropolitan Transportation Planning Process. On March 8, 2016, the FDOT District Six met with Miami-Dade MPO to discuss how to enhance our partnering process while continuing to fulfill all federal and state requirements. The following report is a result of that meeting.

This report documents the satisfactory performance of the Metropolitan Transportation Planning Process, provides recommendations for those areas in which planning activities could be improved. The report also identifies areas and best practices in which the MPO excels in.

Prior to the 2008 report, the certification review covered regional planning, for the South Florida area and included coordination between Broward, Palm Beach & Miami-Dade MPOs, as well as the certification review specific to the Miami-Dade MPO. By agreement of the three MPOs, enumerated previously, and FDOT Districts Four and Six, beginning in 2008, the regional review was removed from the certification statement.

II. REQUIREMENTS

Pursuant to the requirements established in Section 7.5 of the MPO Program Management Handbook as well as guidelines provided in Section 7.6.1 regarding Standard Joint Certification Review, the Department and the MPO have performed a review and concurred that the MPO complies with the following requirements:

- (1) The metropolitan planning requirements identified in 23 U.S.C. 134 and 49 U.S.C. 5303;
- (2) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 C.F.R. Part 21;
- (3) 49 U.S.C. 5332 prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- (4) Section 1101(b) of SAFETEA-LU (Public Law 109-59) and 49 C.F.R. Part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- (5) 23 C.F.R. Part 230 regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- (6) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and the regulations found in “Transportation for Individuals with Disabilities” (49 C.F.R. Parts 27, 37, and 38).
- (7) The Older Americans Act, as amended (42 U.S.C. 6101) prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- (8) 23 U.S.C. Part 324 regarding the prohibition of discrimination on the basis of gender; and
- (9) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 C.F.R. Par 1. 27 regarding discrimination against individuals with disabilities.

III. FOCUS AREAS

As part of the March 8th meeting, the Department and the MPO discussed other areas of mutual relevance regarding the development of the transportation planning process for Miami-Dade County. These areas are:

1. FDOT Tentative Work Program

The MPO and FDOT recognize that each agency has been coordinating extensively to meet their mutual needs and agree to continue to work together to ensure the Transportation Improvement Program (TIP) is developed on schedule. The TIP cycle continues to demand even more coordination between both agencies because of an updated federal requirement that requires MPOs to show total project cost for each project listed in the TIP, as well as requisites set by the Office of Policy Planning (OPP), which require the TIP to cross reference with the Long Range Transportation Plan (LRTP). Both FDOT and MPO staffs have been involved in extensive coordination and reviews to ensure that the MPO's Fiscal Year (FY) 2017 TIP complies with all federal requirements. During the FY 2017 TIP Development process, the MPO faced a new challenge since data provided from the FY 2017 Tentative Work Program was missing attributes that have been previously provided in prior years. Coordination with FHWA determined that the missing attributes were not critical in addressing the federal requirements for the TIP. However, the MPO has established that this information is needed to satisfy the demands of the public and MPO Board Members. The FDOT and the MPO came into agreement that the requested data will be provided manually and the MPO will incorporate this data in the TIP document.

2. Long Range Transportation Plan 2040

The 2040 Long Range Transportation Plan was adopted by the MPO Governing Board on October 23, 2014. FDOT continues collaboration with the MPO to implement the MPO's LRTP as required by federal regulations and state laws. The MPO is being proactive in planning for the 2045 Update to the LRTP by including Tasks in their FY 2017 & FY 2018 Unified Planning Work Program (UPWP) to address the upcoming LRTP update.

3. MPO Program Priorities

The MPO has updated the MPO Program Priorities Process. The purpose of the MPO Program Priorities is to communicate to the Department a list of priority projects approved by the MPO Board and to be added to the "new 5th Year" of FDOT's Tentative Work Program. The MPO List of Program Priorities is now presented to the MPO Governing Board at the same time the MPO's TIP is presented. Major projects are included, as well as those that are recommended to be funded with MPO Federal funds.

4. Transportation Alternatives Program (TAP)

As requested by the MPO Governing Board, the MPO and the Department have been working together to improve the TAP process. In 2015, nine (9) projects were awarded with a total of \$5.8M in TAP funds. This year a total of, twenty three (23) proposals were submitted for consideration. The selection process is currently ongoing.

5. General Planning Consultant (GPC) Process

The GPC process is described in Task 5.1 of the Unified Planning Work Program (UPWP). Under this task, the MPO maintains contracts with five firms who are selected individually as new task work orders and scopes of services are developed. The process requires review and concurrence of the scope of services by FDOT and the Federal Highway Administration (FHWA) for the work not included in the UPWP. In order to increase efficiency, on April 21, 2016, the MPO Governing Board approved Resolution #23-16, authorizing the MPO Executive Director to have the option of selecting the GPC consultant for approved planning studies.

6. Financial Management

The MPO continues working with FDOT in improving the presentation of quarterly reports, as well as, the invoicing and reimbursement process. New procedures have been established by FDOT Central Office for the use of PL funds and the development of the Unified Planning Work program (UPWP). The MPO and FDOT-6 are coordinating these efforts and new agreements will be in place.

7. Title VI Procedures and Disadvantaged Business Enterprise (DBE)

The MPO continues to track DBE participation by requiring that consultants submit Architecture & Engineering Monthly Utilization Report (MUR) indicating DBE payments to the approved DBE firms. In addition, for FTA funded projects, a Uniform Report of DBE Commitments is sent to FDOT biannually. The MPO continues to maintain and implement current Title VI Procedures to ensure the transportation disadvantaged and underserved population comments are considered and incorporated in the transportation planning process.

8. Transportation Regional Incentive Program (TRIP)

In the past, the funding for the Transportation Regional Incentive Program (TRIP) has been considerably reduced, but new funding allocation became available for Fiscal Years 2018 through 2021. SEFTC approved a TRIP priority list made up of new projects for Fiscal Years 2017-2020. This referred list includes seven (7) projects for Miami-Dade County.

9. Fixing America's Surface Transportation Act (FAST)

On December 4th, 2015, Moving Ahead for Progress in the 21st Century Act (MAP-21) which created a streamlined, performance-based and multimodal program to address the many challenges facing the United States transportation system was replaced by The "Fixing America's Surface Transportation Act" (FAST Act). The FAST Act extends federal highway and transit funding through federal fiscal year 2020. However, many of the provisions of the "MAP-21" legislation continues. The following are some of the highlights of the FAST Act which relates to MPOs:

- Support for intermodal facilities and services
- Selection of MPO officials
- Consultation with transportation partners
- Expand the scope of planning process
- Include capital investment and other strategies for transportation infrastructure needs
- Expand the focus on resilience and environmental mitigation activities
- Continue the requirement for transportation and transit enhancement activities
- Encourage the participation by public and interested parties in the planning process

- Continue the requirement for developing congestion management plans

10. Regional Coordination

The Department and the MPO continue to actively participate through the Southeast Florida Transportation Council (SEFTC), on the following regional projects:

- 2040 Regional Transportation Plan (RTP) - Miami-Dade MPO is the lead agency
- Tri-Rail Coastal Link Service
- Regional Freight Plan
- The development of the Southeast Florida Regional Planning Model (SERPM 7.0)
- 2015 Regional Household Travel Survey

The SEFTC created a new subcommittee under the RTTAC to address Regional Transportation System Management & Operations (TSM&O). This marks the fourth subcommittee to coordinate regional issues such as freight, travel demand modeling, public participation, and TSM&O. Currently, the regional modeling subcommittee is gearing up for development of SERPM 8.0, which along with the results of the Regional Travel Household Survey, will feed into the up-coming 2045 RTP and individual L RTPs for the three MPOs.

11. Federal Certification and Site Visit

A team from Federal Highway Administration (FHWA), Federal Transit Administration (FTA), US Department of Transportation and FDOT Office of Policy Planning conducted a federal certification review and site visit at the Miami-Dade MPO on April 22nd and 23rd 2015. As part of the review process, a Public Meeting was held by the Federal Review Team, which was attended by the general public who expressed their views on the transportation planning process for Miami-Dade County. A final report was developed by the Federal Review Team and completed in October 2015. The report determined the MPO is part of “3-C” metropolitan transportation planning process that satisfies the provisions outlined in 23 U.S.C 134, 49 U.S.C. 5303 and associated Federal requirements. The Federal Review Team noted no corrective actions, and applauded the MPO’s thirteen noteworthy practices. The Team also identified seven recommendations which they consider would improve the current MPO’s planning process. A representative of the Federal Team presented the above results at the February 18th MPO Governing Board Meeting.

IV. ONGOING INITIATIVES

The following are ongoing initiatives that can further improve the collaboration between the FDOT and the MPO:

- *Improvements to Invoicing Process* - Despite positive strides made in the past years, the MPO continues to express their preference for electronic invoicing. The FDOT District has been coordinating with the FDOT Central Office on this issue. Although strong interest has been indicated by Central Office for electronic invoicing for grants, no implementation has been realized to date as the invoices are processed for payment by another state agency, the Department of Financial Services (DFS).

- *Improvements to the Process of Submitting Planning Studies* - The MPO requested that the FDOT and all other transportation partners participating in the Unified Planning Work Program (UPWP) timely submit all planning studies to be conducted for Fiscal Years 2017 and 2018. This provides transparency and avoids duplication of efforts among transportation agencies.
- *Improvements to the MPO Program Priorities* – Under Resolution #06-16 the MPO Governing Board established a policy to set the highest priority for the advancement of the rapid transit corridors project in Miami-Dade County. This program will reflect this policy by maximizing the use of federal funds allocated to the MPO for projects located within the rapid transit corridors.

V. HIGHLIGHTS AND EVENTS

Miami-Dade MPO Governing Board’s New Committees

The MPO Governing Board created three new committees composed of MPO Governing Board Members “to improve transit mobility options and increase the capacity of our public transportation infrastructure” as follows:

- The Transit Solutions Committee (TSC) is responsible for identifying immediate opportunities to increase the integration and utilization of existing mass transit services.
- The Fiscal Priorities Committee (FPC) concentrates on the programming of transportation dollars to better reflect the immediate priorities of the community.
- The Governance Committee (GC) surveys other comparable regional planning bodies, evaluate the scope of responsibilities vested in the boards referenced above, and submits any recommendations for changes to the structure and composition of the MPO Board and the committees that assist the Miami-Dade MPO.

New Miami-Dade MPO Executive Director

Under Resolution #40-15, the MPO Governing Board appointed a new Executive Director for leading the transportation planning process for Miami-Dade County’s complex transportation network.

The SMART Plan

On February 18, 2016, acting on the MPO Board Resolution #06-16, which unanimously approved a policy to establish rapid transit corridors and transit supportive projects as “highest priority” for Miami-Dade County. The MPO Transit Solutions Committee (TSC) undertook comprehensive year-long effort that included hosting a transit workshop and “Competition of Ideas”, as well as participating in peer exchanges with other regions. The TSC considered input from transportation partner agencies, elected officials, and the public at large, in order to develop a consensus transit plan which was forwarded for approval to the full MPO Governing Board. As a result, on April 21, 2016, under Resolution #26-16, the Miami-Dade MPO Governing Board officially adopted and unanimously endorsed the proposed Strategic Miami Area Rapid Transit (SMART) Plan.

The SMART Plan advances six rapid transit corridors to Project Development, along with a network system of Bus Express Rapid Transit (BERT) service, in order to implement mass transit projects in Miami-Dade County. In addition, the MPO Governing Board directed the MPO Executive Director to work with the MPO Fiscal Priorities Committee (FPC) to determine the costs and potential sources of funding for Project Development and Environment (PD&E) studies for the projects, and to also take all necessary steps to implement the SMART Plan.

A Miami-Dade MPO Delegation visits San Diego, San Francisco and Houston

To support and advance the priorities of the Miami-Dade County MPO Governing Board, a delegation from the Miami-Dade MPO was approved to conduct a peer exchange with the San Diego Association of Governments (SANDAG), the Bay Area MPO known as the Metropolitan Transportation Commission (MTC), and the Houston-Galveston Area Council (H-GAC), in order to exchange ideas regarding best practices for the advancement of rapid transit and transit supportive projects. The delegation met with officials, attended Board of Directors meeting, and toured various transit systems. During their travel, they also met with transit and rail agencies, which included visiting operations control centers and Light Rail Vehicle (LRV) maintenance facilities. In addition, the delegation conversed with the Federal Transit Administration (FTA) and Federal Highway Administration (FHWA) officials in each region to discuss the federal funding process, and best practices for coordination between local, state and federal agencies to advance a program of transit projects in each area. These discussions were directly applicable to the development of strategic alternatives for the implementation of the SMART Plan in Miami-Dade. Overall, the peer exchanges were positive as the Miami-Dade MPO exchanged information on respective planning processes and best practices.

Beyond Traffic Roundtable on the Freight Economy

The Miami-Dade MPO was selected by the Federal Highway Administration (FHWA) to host a Roundtable on Freight Economy, on February 10, 2016. The event was sponsored by the FHWA Administrator to discuss national, state, and local freight economic opportunities and impacts, including elements of national and state freight plans and related performance measures. This successful event took place, providing an opportunity for public and private partners to share ideas, insights, and experiences to improve freight movement nationally in the Miami Urbanized Area

Autonomous Vehicle Exhibition and Transportation Fair

On March 31, 2016, the Miami-Dade MPO held a one-day event showcasing the autonomous vehicle technology. The Florida Department of Transportation, Embry-Riddle Aeronautical University, and the University of South Florida partnered with the MPO to make this event a success. The MPO will continue working with FDOT to promote other events in Miami-Dade County. In addition, the MPO will be initiating an Autonomous and Connected Vehicle Working Group to facilitate the future planning and implementation of this technology in South Florida.

In addition, the Miami-Dade MPO has also participated in other events such as:

- 2015 L'Association du Transport Urbain du Québec (ATUQ) Conference in Quebec
- Growth of a Global City: Miami 2015-2030
- ThinkBike 2015
- 2040 Regional Transportation Plan Rollout Event
- 2015 Transportation Summit
- South Dade Solutions Summit
- Denver Transportation Fly-In

VI. SUMMARY OF MPO STUDIES

During the calendar year 2015, the following studies were completed:

1. Bike/Pedestrian Traffic Count Program
2. BRT Implementation Plan Along Transit Corridors
3. Bus Lanes in Downtown Miami
4. Countywide Bus Access and Transfer Facility Assessment
5. LeJeune Road at SW 8th Street Intersection Improvements Study
6. MPO Annual Reports and Customized Reports
7. Non-Motorized Network Connectivity Plan
8. Origin-Destination Surveys for Local Bus Service – South Garage
9. Palmetto Station Intermodal Terminal Feasibility Study
10. Safe Routes to School Infrastructure Plans
11. Safe Routes to School Online Planner Phase II
12. SW 8th Street Corridor Study
13. Transportation Outreach Planner Update
14. Village of Miami Shores Multimodal Mobility Study
15. Improving Regional Transportation Planning in Miami-Dade County
16. Impact of PortMiami Tunnel on Downtown Traffic Congestion
17. Town of Miami Lakes Alternative to Concurrency

VII. BEST PRACTICES

The Miami-Dade MPO is noted for timely completion of studies, and excels in community outreach efforts, crash database development and maintenance, aesthetic project reviews, and other initiatives. The MPO has established a positive relationship with public and private business partners in order to increase awareness and participation from all sectors of the community in the transportation planning process. In addition, and in association with their regional partner agencies, the MPO has demonstrated strong support for regional goals and initiatives. Following is a highlight of activities that make a difference in developing the transportation planning process for Miami-Dade County:

1. MPO Governing Board Committees

Three new committees were created with the goal of improving the overall efficiency and decision-making process of the Board. The new committees are: Transit Solutions Committee (TSC), the Fiscal Priorities Committee (FPC) and the Governance Committee (GC). These committees have been actively engaged in addressing critical transportation issues and promoting consensus-based solutions for adoption by the MPO Governing Board.

2. The SMART Plan

The approval of this plan is crucial for the development of future transportation projects. This plan provides the participation of all transportation partners and the unanimous consensus of the MPO Governing Board.

3. Provision for Implementation of the SMART Plan

In order to support the implementation of the SMART Plan, the MPO created sections within the Unified Planning Work Program (UPWP) and the Transportation Improvement Program (TIP) to identify all necessary activities to advance the plan, including the PD&E and Implementation Plan development along the six (6) rapid transit corridors included in the Plan. These activities are directed to the following areas among others: economic development alternatives, financial options and funding profiles, transportation and land-use visioning, sustainable land-use, ridership, first and last mile plans, complete streets strategies, etc.

4. 2040 Long Range Transportation Plan

The MPO staff developed a Plan that created and incorporated new components in order to support the decision makers in improving the transportation network in Miami-Dade County. The plan was fully coordinated with the transportation partners and opened the door for future challenges for the development of the 2045 LRTP.

5. Interactive Transportation Improvement Program (InteractTIP)

The MPO continues improvement to the InteractTIP tool.

6. BIKE Miami-Dade

The MPO’s new bicycle knowledge explorer, known as BIKE Miami-Dade, is a planning tool on the MPO website that allows users to gather information about certain areas and preplan their trips by creating customized routes based on their needs, preferences, and skill level.

7. Public Outreach and Social Media

In 2015, Miami-Dade MPO staff participated in over thirty events throughout the community by visiting schools, colleges/universities, places of work, and attended community events to educate, encourage participation, and generate awareness about the complex world of transportation. As a result of these events, MPO staff documented citizens’ needs, comments, and concerns, and encouraged them to provide their ideas to create a more efficient transportation system for Miami-Dade County. The MPO also developed and distributed the federally required Annual Report that highlighted the activities pursued and successfully completed in 2015. In addition, e-Newsletters were distributed to the MPO’s growing email distribution list to showcase the various activities and studies completed by staff. Also, weekly e-Blasts were sent out regarding the MPO’s transportation partners numerous activities. Finally, Facebook, Twitter, Instagram, SlideShare, and YouTube were utilized as effective forums to spread the word about what is occurring at the MPO.

8. MPO Website Enhancements

New sections were included as follows:

- “Newsroom” - Includes information on: Breaking News, Media Policy, Logos, Public Records Requests, and Awards.
- “Transportation Partners” – Showcases who the Miami-Dade MPO works collaboratively with to ensure its local plans and programs are in compliance with federal and state regulations.
- “Freight & Logistics Planning Program” – Includes all pertinent information related to this is topic.
- “Historical Documents” – Includes documents of historical significance dated back to the 1950s.

9. Public Involvement Techniques for Transportation Decision-making

The Miami-Dade MPO's public involvement techniques are highlighted throughout the document produced by the Federal Highway Administration (FHWA). The guide provides a variety of tools to secure meaningful input from the public on transportation plans, programs, and projects. It is also intended to assist agencies throughout the country improve their overall public involvement techniques.

10. Freight Planning

Miami-Dade MPO continues to actively participate in freight events at the national level.

11. Support of the "Drive Safe" and "Drive Safe 95 Express" Campaigns

The Miami-Dade MPO actively supported this Florida Department of Transportation District Six's two safety campaigns aimed at promoting safe driving practices, especially along Interstate 95. The goal is to raise awareness about the consequences of improper lane changing and speeding in relation to highway safety and mobility.

VIII. CONCLUSIONS AND RECOMMENDATIONS

- The Miami-Dade MPO is to be commended for the development and implementation of the SMART Plan and for the consensus support in making this plan a reality. FDOT will continue working together with the MPO as a main partner in this effort.
- The Miami-Dade MPO is to be commended for its ongoing cooperation with the FDOT to ensure consistency between the Work Program and the TIP as well as compliance with federal regulations and Florida Statutes.
- The Miami-Dade MPO is to be commended for the successful collaboration with FDOT in improving the format for the Quarterly Progress Reports (QPRs) and the effective quarterly review process of this document. QPRs and related invoices have been transmitted to FHWA as required by the MPO Handbook.
- It is recommended that the MPO continue to coordinate with FDOT Districts Four and Six, Broward and Palm Beach MPOs, as well as with the Southeast Florida Transportation Council (SEFTC) to include regional projects that qualify for TRIP funding.
- It was agreed that FDOT and the MPO will continue to work together to improve the Transportation Alternatives Program (TAP) process.
- MPO is commended for their decision to submit to FDOT their MPO Program Priorities by the month of May every year. This action allows FDOT to utilize this list during its annual Work Program Development Cycle.

MPO RESOLUTION #28-16**RESOLUTION APPROVING THE FISCAL YEARS 2017 AND 2018 UNIFIED PLANNING WORK PROGRAM AND AUTHORIZING SUBMITTAL TO THE FUNDING AGENCIES**

WHEREAS, the Interlocal Agreement creating and establishing the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area requires that the MPO provide a structure to evaluate the adequacy of the transportation planning and programming process; and

WHEREAS, the Interlocal Agreement creating and establishing the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area requires that the MPO provide a structure to evaluate the adequacy of the transportation planning and programming process; and

WHEREAS, the Transportation Planning Council (TPC) has been established and charged with the responsibility and duty of fulfilling the aforementioned functions; and

WHEREAS, the TPC has reviewed the Fiscal Years 2017 and 2018 Draft Unified Planning Work Program (UPWP), made a part hereof, and finds it consistent with the goals and objectives of the Transportation Plan for the Miami Urbanized Area,

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA:

SECTION 1. That the FYs 2017 and 2018 Final UPWP, is to be consistent with the established local, state, and federal goals, objectives and priorities; to be technically sound; and to be within the implementation capabilities and resources of the respective funding agencies.

SECTION 2. That staff is authorized to submit the final draft to the federal agencies for funding and that the MPO Executive Director is authorized to make non-policy changes to the document as requested by Federal and State Agencies.

SECTION 3. That the Board authorizes the MPO Executive Director to sign any and all assurances, reimbursement requests, warranties, request to advertise, certifications, Interlocal Agreements, Joint Participation Agreements (JPA's) and Supplemental Joint Participation Agreements (SJPA) and any other documents which may be required in connection with application or subsequent agreements for funding and to acquire consultant services to perform work as shown in said document.

The adoption of the foregoing resolution was moved by Vice Chairman Francis Suarez. The motion was seconded by Board Member Oliver G. Gilbert, III, and upon being put to a vote, the vote was as follows:

Chairman Jean Monestime-Aye
Vice Chairman Francis Suarez-Aye

Board Member Bruno A. Barreiro	-Absent	Board Member Smith Joseph	-Aye
Board Member Esteban Bovo Jr	-Aye	Board Member Philip Levine	-Absent
Board Member Jose "Pepe" Diaz	-Aye	Board Member Daniella Levine Cava	-Aye
Board Member Audrey M. Edmonson	-Aye	Board Member Roberto Martell	-Aye
Board Member Maurice Ferre	-Absent	Board Member Dennis C. Moss	-Absent
Board Member Oliver G. Gilbert, III	-Aye	Board Member Jeff Porter	-Absent
Board Member Perla Tabares Hantman	-Aye	Board Member Rebeca Sosa	-Aye
Board Member Carlos Hernandez	-Absent	Board Member Javier D. Souto	-Aye
Board Member Sally A. Heyman	-Absent	Board Member Xavier L. Suarez	-Aye
Board Member Barbara J. Jordan	-Aye	Board Member Juan C. Zapata	-Aye

The Chairperson thereupon declared the resolution duly passed and approved this 19th day of May, 2016.

METROPOLITAN PLANNING ORGANIZATION

By Zainab Salim
 Zainab Salim, Clerk
 Miami-Dade MPO



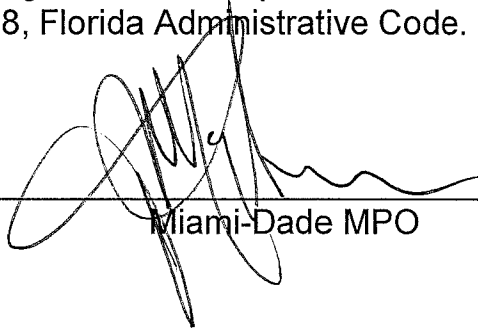
DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION

It is the policy of the Miami-Dade MPO that disadvantaged businesses, as defined by 49 Code of Federal Regulations, Part 26, shall have an opportunity to participate in the performance of MPO contracts in a nondiscriminatory environment. The objectives of the Disadvantaged Business Enterprise Program are to ensure non-discrimination in the award and administration of contracts, ensure firms fully meet eligibility standards, help remove barriers to participation, create a level playing field, assist in development of a firm so it can compete successfully outside of the program, provide flexibility, and ensure narrow tailoring of the program.

The Miami-Dade MPO, and its consultants shall take all necessary and reasonable steps to ensure that disadvantaged businesses have an opportunity to compete for and perform the contract work of the Miami-Dade MPO in a non-discriminatory environment.

The Miami-Dade MPO shall require its consultants to not discriminate on the basis of race, color, national origin and sex in the award and performance of its contracts. This policy covers in part the applicable federal regulations and the applicable statutory references contained therein for the Disadvantaged Business Enterprise Program Plan, Chapters 337 and 339, Florida Statutes, and Rule Chapter 14-78, Florida Administrative Code.

Chairperson



Miami-Dade MPO

6/7/16

Date

DEBARMENT and SUSPENSION CERTIFICATION

As required by the USDOT regulation on Government wide Debarment and Suspension at 49 CFR 29.510

(1) The Miami-Dade MPO hereby certifies to the best of its knowledge and belief, that it and its principals:

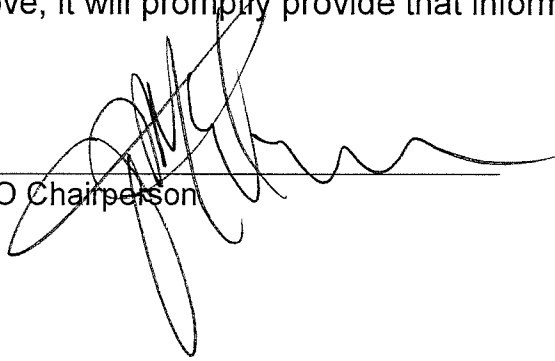
(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal department or agency;

(b) Have not, within a three-year period preceding this proposal, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state or local) transaction or contract under a public transaction, violation of federal or state antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any of the offenses listed in paragraph (b) of this certification; and

(d) Have not, within a three-year period preceding this certification, had one or more public transactions (federal, state or local) terminated for cause or default.

(2) The Miami-Dade MPO also hereby certifies that if, later, it becomes aware of any information contradicting the statements of paragraphs (a) through (d) above, it will promptly provide that information to the U.S.D.O.T.



MPO Chairperson

6/7/16

Date

**LOBBYING CERTIFICATION for GRANTS, LOANS
and COOPERATIVE AGREEMENTS**

In accordance with Section 1352 of Title 31, United States Code, it is the policy of the Miami-Dade MPO that:

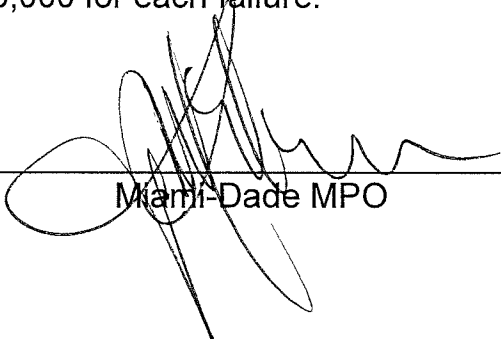
(1) No Federal or state appropriated funds have been paid or will be paid by or on behalf of the Miami-Dade MPO, to any person for influencing or attempting to influence an officer or employee of any Federal or state agency, or a member of Congress or the state legislature in connection with the awarding of any Federal or state contract, the making of any Federal or state grant, the making of any Federal or state loan, extension, continuation, renewal, amendment, or modification of any Federal or state contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The Miami-Dade MPO shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subgrants and contracts and subcontracts under grants, subgrants, loans, and cooperative agreement), which exceeds \$100,000, and that all such subrecipients shall certify and disclose accordingly.

(4) This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each failure.

Chairperson


Miami-Dade MPO

6/7/16

Date

TITLE VI/NONDISCRIMINATION ASSURANCE

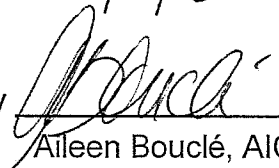
Pursuant to Section 9 of US DOT Order 1050.2A, the Miami-Dade Metropolitan Planning Organization (MPO) assures the Florida Department of Transportation (FDOT) that no person shall on the basis of race, color, national origin, sex, age, disability, family or religious status, as provided by Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, the Florida Civil Rights Act of 1992 and other nondiscrimination authorities be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination or retaliation under any program or activity.

The Miami-Dade MPO further assures FDOT that it will undertake the following with respect to its programs and activities:

1. Designate a Title VI Liaison that has a responsible position within the organization and access to the Miami-Dade MPO Executive Director.
2. Issue a policy statement signed by the Miami-Dade MPO Executive Director, which expresses its commitment to the nondiscrimination provisions of Title VI. The policy statement shall be circulated throughout the Miami-Dade MPO and to the general public. Such information shall be published where appropriate in languages other than English.
3. Insert the clauses of *Appendices A and E* of this agreement in every contract subject to the Acts and the Regulations
4. Develop a complaint process and attempt to resolve complaints of discrimination against sub-recipients. Complaints against the Miami-Dade MPO shall immediately be forwarded to the FDOT District Title VI Coordinator.
5. Participate in training offered on Title VI and other nondiscrimination requirements.
6. If reviewed by FDOT or USDOT, take affirmative action to correct any deficiencies found within a reasonable time period, not to exceed ninety (90) calendar days.
7. Have a process to collect racial and ethnic data on persons impacted by the Miami-Dade MPO's programs.

THIS ASSURANCE is given in consideration of and for the purpose of obtaining any and all federal funds, grants, loans, contracts, properties, discounts or other federal financial assistance under all programs and activities and is binding. The person whose signature appears below is authorized to sign this assurance on behalf of the Miami-Dade MPO.

Dated 6/15/16

by , Miami-Dade MPO Executive Director
Aileen Bouclé, AICP

APPENDICES A and E

During the performance of this contract, *the Contractor*, for itself, its assignees and successors in interest, agrees as follows:

- (1) **Compliance with Regulations:** *The Contractor* shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation (hereinafter, "USDOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Agreement.
- (2) **Nondiscrimination:** *The Contractor*, with regard to the work performed during the contract, shall not discriminate on the basis of race, color, national origin, sex, age, disability, religion or family status in the selection and retention of subcontractors, including procurements of materials and leases of equipment. *The Contractor* shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.
- (3) **Solicitations for Subcontractors, including Procurements of Materials and Equipment:** In all solicitations made by *the Contractor*, either by competitive bidding or negotiation for work to be performed under a subcontract, including procurements of materials or leases of equipment; each potential subcontractor or supplier shall be notified by *the Contractor* of *the Contractor's* obligations under this contract and the Regulations relative to nondiscrimination on the basis of race, color, national origin, sex, age, disability, religion or family status.
- (4) **Information and Reports:** *The Contractor* shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the *Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration* to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of *the Contractor* is in the exclusive possession of another who fails or refuses to furnish this information *the Contractor* shall so certify to the *Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration* as appropriate, and shall set forth what efforts it has made to obtain the information.
- (5) **Sanctions for Noncompliance:** In the event of *the Contractor's* noncompliance with the nondiscrimination provisions of this contract, the *Florida Department of Transportation* shall impose such contract sanctions as it or the *Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration* may determine to be appropriate, including, but not limited to:
 - a. withholding of payments to *the Contractor* under the contract until *the Contractor* complies, and/or
 - b. cancellation, termination or suspension of the contract, in whole or in part.
- (6) **Incorporation of Provisions:** *The Contractor* shall include the provisions of paragraphs (1) through (7) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. *The Contractor* shall take such action with respect to any subcontract or procurement as the *Florida Department of Transportation, the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration* may direct as a means of enforcing such provisions including sanctions for noncompliance. In the event *the*

Contractor becomes involved in, or is threatened with, litigation with a sub-contractor or supplier as a result of such direction, **the Contractor** may request the Florida Department of Transportation to enter into such litigation to protect the interests of the Florida Department of Transportation, and, in addition, **the Contractor** may request the United States to enter into such litigation to protect the interests of the United States.

- (7) **Compliance with Nondiscrimination Statutes and Authorities:** Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21; The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects); Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex); Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27; The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age); Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex); The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not); Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 -- 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38; The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex); Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations; Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, **the Contractor** must take reasonable steps to ensure that LEP persons have meaningful access to **the Contractor's** programs (70 Fed. Reg. at 74087 to 74100); Title IX of the Education Amendments of 1972, as amended, which prohibits **the Contractor** from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

TABLE 1: AGENCY PARTICIPATION

Fiscal Year 2017

(\$000's)

No.	TASK TITLE	MPO	RER	DTPW	Finance	IT	Comm	OMB	Consultant		Totals	
									Non-PL	PL		
1.1	UPWP Management	105									105	
1.2	MPO Board Support	500									500	
1.3	MPO Program Support Services	443			43	43	14				543	
2.1	Trans. Socioeconomic & Land Use Coord.	95	70						100	50	315	
2.2	Highway Traffic Counting	20		125							145	
3.1	Trans. Improvement Program	156		40				50		80	326	
4.1	Long Range Trans. Update	100									100	
4.2	Multimodal Accessibility Based Needs Analysis	20							95	80	195	
4.3	Miami-Dade Freight Plan	20								100	120	
4.4	Addressing Compliance of 2045 LRTP	20							60		80	
5.1	General Planning Consultant	326							679	632	1,637	
5.2	Call for Ideas	255									255	
5.3	Protected Bike Lanes									60	60	
5.4	Aging Road Users Strategic Safety Plan									40	40	
5.5	Bike/Ped Data Collection									90	90	
5.6	Connecting Highway Network Missing Links								50	25	75	
5.7	Impact of the Future Technology - 2045 LRTP								60	20	80	
5.8	First/Last Mile Pilot with High Trip Generators								80	20	100	
5.9	Transportation and Land Use Visioning								250		250	
5.10	Visualization Tool of Travel Flow									100	100	
5.11	Federal Planning Emphasis Areas									40	40	
5.12	Evaluating Feasibility of Superarterials									80	80	
5.13	Bike Friendly Plan									96	96	
5.14	Miami River Tunnel Feasibility								125		125	
5.15	Implementation of the SMART Plan											
6.1	Regional Support Work	95								50	145	
6.2	Urban Modeling and Forecasting	60									60	
6.3	SERPM Development	25								83	108	
6.4	2045 Regional Transportation Plan	10									10	
7.1	Citizen and Private Sector	200									200	
7.2	Public Involvement Program	200								140	340	
8.1	Short-Range Intermodal Freight Planning	85									85	
8.2	Transit Corridor Planning	95									95	
8.3	Comprehensive Bicycle/Pedestrian	95								60	155	
8.4	Transportation Disadvantaged Planning	75									75	
8.5	ADA Required Infrastructure			30							30	
8.6	Municipal Grant Program	30							178	176	384	
		3,030	70	195	43	43	14	50	1,677	2,022	7,144	
								Other Departments	415			
								Consultant		3,699		

TABLE 1: AGENCY PARTICIPATION

Fiscal Year 2018

(\$000's)

No.	TASK TITLE	MPO	RER	DTPW	Finance	IT	Comm	OMB	Consultant		Totals
									Non-PI	PL	
1.1	UPWP Management	110									110
1.2	MPO Board Support	525									525
1.3	MPO Program Support Services	459			43	43	14				559
2.1	Trans. Socioeconomic & Land Use Coord.	100	70						100	50	320
2.2	Highway Traffic Counting	20		50							70
3.1	Trans. Improvement Program	170		40				50		80	340
4.1	Long Range Trans. Update	155							200	300	655
4.2	Multimodal Accessibility Based Needs Analysis										0
4.3	Miami-Dade Freight Plan										
4.4	Addressing Compliance of 2045 LRTP										
5.1	General Planning Consultant	355								300	655
5.2	Call for Ideas	270								300	570
5.3	Protected Bike Lanes										
5.4	Aging Road Users Strategic Safety Plan										
5.5	Bike/Ped Data Collection										
5.6	Connecting Highway Network Missing Links										
5.7	Impact of the Future Technology - 2045 LRTP										
5.8	First/Last Mile Pilot with High Trip Generators										
5.9	Transportation and Land Use Visioning										
5.10	Visualization Tool of Travel Flow										
5.11	Federal Planning Emphasis Areas										
5.12	Evaluating Feasibility of Superarterials										
5.13	Bike Friendly Plan										
5.14	Miami River Tunnel Feasibility										
5.15	Implementation of the SMART Plan										
6.1	Regional Support Work	105								25	130
6.2	Urban Modeling and Forecasting	65									65
6.3	SERPM Development	25								83	108
6.4	2045 Regional Transportation Plan	15								75	90
7.1	Citizen and Private Sector	210									210
7.2	Public Involvement Program	210								90	300
8.1	Short-Range Intermodal Freight Planning	90									90
8.2	Transit Corridor Planning	100									100
8.3	Comprehensive Bicycle/Pedestrian	100								60	160
8.4	Transportation Disadvantaged Planning	75									75
8.5	ADA Required Infrastructure			30							30
8.6	Municipal Grant Program	30									30
		3,189	70	195	43	43	14	50	300	1,363	5,192
								415			
									1,663		

LEGEND:

- MPO Metropolitan Planning Organization
- RER Regulatory and Economic Resources
- DTPW Department of Transportation and Public Works
- IT Information Technology
- Comm Communications Department
- OMB Office of Management and Budget

TABLE 2: FUNDING SOURCE

Fiscal Year 2017

(\$000's rounded to nearest tenths)

No.	TASK TITLE	PL		Section 5305(d)			FY 2016			FY 2015		CTD	Totals
		Fed	Local	Fed	State	Local	Fed	State	Local	Fed	Local		
1.1	UPWP Management	86.0	19.0										105.0
1.2	MPO Board Support	237.6	52.4	168.0	21.0	21.0							500.0
1.3	MPO Program Support Services	276.4	61.0	164.6	20.6	20.6							543.1
2.1	Trans. Socioeconomic & Land Use Coord.	151.6	33.4	104.0	13.0	13.0							315.0
2.2	Highway Traffic Counting	118.8	26.2										145.0
3.1	Trans. Improvement Program	209.7	46.3	56.0	7.0	7.0							326.0
4.1	Long Range Trans. Update	36.9	8.1	44.0	5.5	5.5							100.0
4.2	Multimodal Accessibility Based Needs Analysis	81.9	18.1	76.0	9.5	9.5							195.0
4.3	Miami-Dade Freight Plan	98.3	21.7										120.0
4.4	Addressing Compliance of 2045 LRTP	16.4	3.6				48.0	6.0	6.0				80.0
5.1	General Planning Consultant	657.9	145.1	667.2	83.4	83.4							1,637.0
5.2	Call for Ideas	118.8	26.2	88.0	11.0	11.0							255.0
5.3	Protected Bike Lanes	49.2	10.8										60.0
5.4	Aging Road Users Strategic Safety Plan	32.8	7.2										40.0
5.5	Bike/Ped Data Collection	73.7	16.3										90.0
5.6	Connecting Highway Network Missing Links	20.5	4.5				40.0	5.0	5.0				75.0
5.7	Impact of the Future Technology - 2045 LRTP	16.4	3.6				48.0	6.0	6.0				80.0
5.8	First/Last Mile Pilot with High Trip Generators	16.4	3.6				64.0	8.0	8.0				100.0
5.9	Transportation and Land Use Visioning			82.4	10.3	10.3	117.6	14.7	14.7				250.0
5.10	Visualization Tool of Travel Flow	81.9	18.1										100.0
5.11	Federal Planning Emphasis Areas	32.8	7.2										40.0
5.12	Evaluating Feasibility of Superarterials	65.5	14.5										80.0
5.13	Bike Friendly Plan	78.7	17.3										96.0
5.14	Miami River Tunnel Feasibility									93.8	31.3		125.0
5.15	Implementation of the SMART Plan												
6.1	Regional Support Work	86.0	19.0	32.0	4.0	4.0							145.0
6.2	Urban Modeling and Forecasting	20.5	4.5	28.0	3.5	3.5							60.0
6.3	SERPM Development	88.5	19.5										108.0
6.4	2045 Regional Transportation Plan	8.2	1.8										10.0
7.1	Citizen and Private Sector	81.9	18.1	80.0	10.0	10.0							200.0
7.2	Public Involvement Program	217.1	47.9	60.0	7.5	7.5							340.0
8.1	Short-Range Intermodal Freight Planning	69.6	15.4										85.0
8.2	Transit Corridor Planning	20.5	4.5	56.0	7.0	7.0							95.0
8.3	Comprehensive Bicycle/Pedestrian	127.0	28.0										155.0
8.4	Transportation Disadvantaged Planning											74.8	74.8
8.5	ADA Required Infrastructure	24.6	5.4										30.0
8.6	Municipal Grant Program	168.8	37.2				142.4	17.8	17.8				384.0
	Totals	3,470.8	765.5	1,706.2	213.3	213.3	460.0	57.5	57.5	93.8	31.3	74.8	7,143.9

TABLE 2: FUNDING SOURCE

Fiscal Year 2018

(\$000's rounded to nearest tenths)

No.	TASK TITLE	PL		Section 5305(d)			FY 2016 Section 5305(d)			CTD	State	Totals
		Fed	Local	Fed	State	Local	Fed	State	Local			
1.1	UPWP Management	90.1	19.9								110.0	
1.2	MPO Board Support	254.0	56.0	172.0	21.5	21.5					525.0	
1.3	MPO Program Support Services	212.3	46.8	240.2	30.0	30.0					559.4	
2.1	Trans. Socioeconomic & Land Use Coord.	204.8	45.2	56.0	7.0	7.0					320.0	
2.2	Highway Traffic Counting	57.4	12.6								70.0	
3.1	Trans. Improvement Program	180.2	39.8	96.0	12.0	12.0					340.0	
4.1	Long Range Trans. Update	315.4	69.6	216.0	27.0	27.0					655.0	
4.2	Multimodal Accessibility Based Needs Analysis											
4.3	Miami-Dade Freight Plan											
4.4	Addressing Compliance of 2045 LRTP											
5.1	General Planning Consultant	409.7	90.4	124.0	15.5	15.5					655.0	
5.2	Call for Ideas	372.8	82.2	92.0	11.5	11.5					570.0	
5.3	Protected Bike Lanes											
5.4	Aging Road Users Strategic Safety Plan											
5.5	Bike/Ped Data Collection											
5.6	Connecting Highway Network Missing Links											
5.7	Impact of the Future Technology - 2045 LRTP											
5.8	First/Last Mile Pilot with High Trip Generators											
5.9	Transportation and Land Use Visioning											
5.10	Visualization Tool of Travel Flow											
5.11	Federal Planning Emphasis Areas											
5.12	Evaluating Feasibility of Superarterials											
5.13	Bike Friendly Plan											
5.14	Miami River Tunnel Feasibility											
5.15	Implementation of the SMART Plan											
6.1	Regional Support Work	69.6	15.4	36.0	4.5	4.5					130.0	
6.2	Urban Modeling and Forecasting	24.6	5.4	28.0	3.5	3.5					65.0	
6.3	SERPM Development	88.5	19.5								108.0	
6.4	2045 Regional Transportation Plan	73.7	16.3								90.0	
7.1	Citizen and Private Sector	90.1	19.9	80.0	10.0	10.0					210.0	
7.2	Public Involvement Program	180.2	39.8	64.0	8.0	8.0					300.0	
8.1	Short-Range Intermodal Freight Planning	73.7	16.3								90.0	
8.2	Transit Corridor Planning	19.7	4.3	60.8	7.6	7.6					100.0	
8.3	Comprehensive Bicycle/Pedestrian	131.1	28.9								160.0	
8.4	Transportation Disadvantaged Planning									75.0	75.0	
8.5	ADA Required Infrastructure	24.6	5.4								30.0	
8.6	Municipal Grant Program	24.6	5.4								30.0	
Totals		2,897.1	639.0	1,265.0	158.1	158.1					75.0	5,192.4

TABLE 3: FTA DELIVERABLES TABLE

Fiscal Year 2017

(\$000's rounded to nearest tenths)

No.	TASK TITLE	FY 2017 Sec. 5305(d)			FY 2016 Sec. 5305(d)			Totals	Deliverable/End Product
		Fed	State	Local	Fed	State	Local		
1.1	UPWP Management								
1.2	MPO Board Support	168.0	21.0	21.0				210	MPO Board Resolutions
1.3	MPO Program Support Services	164.6	20.6	20.6				206	Adm. and Other Direct Costs
2.1	Trans. Socioeconomic & Land Use Coord.	104.0	13.0	13.0				130	Data collection and CDMP efforts
2.2	Highway Traffic Counting								
3.1	Trans. Improvement Program	56.0	7.0	7.0				70	TIP
4.1	Long Range Trans. Update	44.0	5.5	5.5				55	LRTP 2045
4.2	Multimodal Access. Based Needs Analysis	76.0	9.5	9.5				95	LRTP guidance
4.3	Miami-Dade Freight Plan								Freight Plan
4.4	Addressing Compliance of 2045 LRTP				48.0	6.0	6.0	60	
5.1	General Planning Consultant	667.2	83.4	83.4				834	Transportation planning studies
5.2	Call for Ideas	88.0	11.0	11.0				110	Transportation planning studies mgmt.
5.3	Protected Bike Lanes								
5.4	Aging Road Users Strategic Safety Plan								
5.5	Bike/Ped Data Collection								
5.6	Connecting Highway Network Missing Links				40.0	5.0	5.0	50	Highway Network Links
5.7	Impact of the Future Tech. - 2045 LRTP				48.0	6.0	6.0	60	2045 Technology
5.8	First/Last Mile Pilot - High Trip Generators				64.0	8.0	8.0	80	Transit Connections
5.9	Transportation and Land Use Visioning	82.4	10.3	10.3	117.6	14.7	14.7	250	Transit Corridors
5.10	Visualization Tool of Travel Flow								
5.11	Federal Planning Emphasis Areas								
5.12	Evaluating Feasibility of Superarterials								
5.13	Bike Friendly Plan								
5.14	Miami River Tunnel Feasibility								
5.15	Implementation of the SMART Plan								
6.1	Regional Support Work	32.0	4.0	4.0				40	Coordination of regional projects
6.2	Urban Modeling and Forecasting	28.0	3.5	3.5				35	Transportation networks
6.3	SERPM Development								
6.4	2045 Regional Transportation Plan								
7.1	Citizen and Private Sector	80.0	10.0	10.0				100	Citizen committee representation
7.2	Public Involvement Program	60.0	7.5	7.5				75	Public participation
8.1	Short-Range Intermodal Freight Planning								
8.2	Transit Corridor Planning	56.0	7.0	7.0				70	Transit related work efforts
8.3	Comprehensive Bicycle/Pedestrian								
8.4	Transportation Disadvantaged Planning								
8.5	ADA Required Infrastructure								
8.6	Municipal Grant Program								Municipal Transit Related Studies
		1,706.2	213.3	213.3	317.6	39.7	39.7	2,530	

TABLE 3: FTA DELIVERABLES TABLE

Fiscal Year 2018

(\$000's rounded to nearest tenths)

No.	TASK TITLE	FY 2017 Sec. 5305(d)			Totals	Deliverable/End Product
		Fed	State	Local		
1.1	UPWP Management					
1.2	MPO Board Support	172.0	21.5	21.5	215	MPO Board Resolutions
1.3	MPO Program Support Services	240.2	30.0	30.0	300	Adm. and Other Direct Costs
2.1	Trans. Socioeconomic & Land Use Coord.	56.0	7.0	7.0	70	Data collection and CDMP efforts
2.2	Highway Traffic Counting					
3.1	Trans. Improvement Program	96.0	12.0	12.0	120	TIP
4.1	Long Range Trans. Update	216.0	27.0	27.0	270	LRTP 2045
4.2	Multimodal Access. Based Needs Analysis					LRTP guidance
4.3	Miami-Dade Freight Plan					
4.4	Addressing Compliance of 2045 LRTP					
5.1	General Planning Consultant	124.0	15.5	15.5	155	Transportation planning studies
5.2	Call for Ideas	92.0	11.5	11.5	115	Transportation planning studies
5.3	Protected Bike Lanes					
5.4	Aging Road Users Strategic Safety Plan					
5.5	Bike/Ped Data Collection					
5.6	Connecting Hwy. Network Missing Links					
5.7	Impact of the Future Tech. - 2045 LRTP					
5.8	First/Last Mile Pilot - High Trip Generators					
5.9	Transportation and Land Use Visioning					
5.10	Visualization Tool of Travel Flow					
5.11	Federal Planning Emphasis Areas					
5.12	Evaluating Feasibility of Superarterials					
5.13	Bike Friendly Plan					
5.14	Miami River Tunnel Feasibility					
5.15	Implementation of the SMART Plan					
6.1	Regional Support Work	36.0	4.5	4.5	45	Coordination of regional projects
6.2	Urban Modeling and Forecasting	28.0	3.5	3.5	35	Transportation networks
6.3	SERPM Development					
6.4	2045 Regional Transportation Plan					
7.1	Citizen and Private Sector	80.0	10.0	10.0	100	Citizen committee representation
7.2	Public Involvement Program	64.0	8.0	8.0	80	Public participation
8.1	Short-Range Intermodal Freight Planning					
8.2	Transit Corridor Planning	60.8	7.6	7.6	76	Transit related work efforts
8.3	Comprehensive Bicycle/Pedestrian					
8.4	Transportation Disadvantaged Planning					
8.5	ADA Required Infrastructure					
8.6	Municipal Grant Program					Final report/action plan.
		1,265.0	158.1	158.1	1,581	

**TABLE 4
FYs 2017 and 2018 UNIFIED PLANNING WORK PROGRAM**

FUNDING SUMMARY

NEW FUNDS			
PL FUNDS*	FY 2017	FY 2018	FYs 2017 and 2018
FHWA PL Funds (81.93%)	\$3,130,000	\$2,897,128	6,027,127
Local Match (18.07%)	\$690,334	\$638,973	1,329,308
	\$3,820,334	\$3,536,101	7,356,435
FTA SECTION 5305(d) FUNDS (Section 8)			
Section 5305(d) (80%)	\$1,706,218	\$1,265,000	\$2,971,218
State Match (10%)	\$213,277	\$158,125	\$371,402
Local Match (10%)	\$213,277	\$158,125	\$371,402
	\$2,132,772	\$1,581,250	\$3,714,022
CTD FUNDS			
Comm. Trans. Disad. (TD, 100% State)	\$74,760	\$75,000	\$149,760
	FY 2017	FY 2018	FYs 2017 and 2018
FYs 2015 and 2016 New Funds Total	\$6,027,866	\$5,192,351	\$11,220,217

PREVIOUS YEARS FUNDING CARRIED OVER			
FY 2016 Section 5305(d): Task 5.1 (80% Federal)	\$460,000		
State Match (10%)	\$57,500		
Local Match (10%)	\$57,500		
	\$575,000		
FYs 15 and 16 PL Deobligation (81.93% Federal)	\$340,829		
PL Local Match (18.07%)	\$75,171		
	\$416,000		
FY 2015 STP (Federal)	\$93,750		
FY 2015 STP (Local match)	\$31,250		
	\$125,000		
	Carryover Total		\$1,116,000

	FY 2017	FY 2018	
	\$7,143,866	5,192,351	
FYs 2017 and FY 2018 GRAND TOTAL (New and carryover funding)			\$12,336,217

FUNDING SOURCE	SHARE	FY 2017	FY 2018	FYs 2017 and 2018
	Both Years			
Federal	80%	\$5,730,796	\$4,162,128	\$9,892,924
State	5%	\$345,537	\$233,125	\$578,662
Local	15%	\$1,067,533	\$797,098	\$1,864,631
Total	100%	\$7,143,866	\$5,192,351	\$12,336,217

* PL Funds Federal Amount for FY 2017 \$ 3,470,829
 PL Funds Local Match Amount for FY 2017 \$ 765,505
 Total PL Funds (Federal and Local for FY 2017) \$ 4,236,334

Florida Planning Emphasis Area-2015

Advancing Multi-Modal Transportation Planning

Over the past decade, transportation planning has expanded to include more emphasis on non-automobile modes with consideration given to freight movements, bicycle and pedestrian planning, complete streets, and integration of transit use into multi-modal plans for agencies and jurisdictions. Plans may be developed to consider multi-modal planning at a jurisdictional or regional system wide level. Many MPOs may already look at some or all of these factors when planning for future transportation improvements. MPOs are encouraged to consider the following areas in all of their modal planning for future system improvements.

Freight Planning

Florida is the third most populous state in the United States. Florida consumes a significant amount of goods and commodities. The challenge for Florida is to keep up with the growing demand for goods. The safe and efficient movement of goods and commodities, including throughput and trade, moves Florida's economy. All freight transportation modes can be considered and include trucking, rail, waterborne, air, pipeline and even space play critical roles in moving goods and commodities.

The Florida Department of Transportation (FDOT) has embarked on the development and implementation of a Freight and Mobility and Trade Plan. The plan defines policies and investments that will enhance Florida's economic development efforts in the future. Consideration of this statewide plan should be given as MPOs explore and plan for future transportation investments. In addition, FHWA has many resources on their Freight Planning website.

Transit Planning

The mission of the FDOT Transit Office is to "identify, support, advance and manage cost effective, efficient and safe transportation systems and alternatives to maximize the passenger carrying capacity of surface transportation facilities." As communities continue to grow, many planners are faced with highway facilities that can no longer accommodate expansion for a variety of reasons or choose not to accommodate through roadway expansion. As congestion increases and travel time reliability decreases, alternative modes of travel are being sought to meet the growing demand and traveling preferences of the public. MPOs and local jurisdictions are planning for transit expansion to accommodate the increasing need for alternatives to automobile travel.

Where appropriate, MPOs should consider transit-oriented development, exclusive bus lanes, bus rapid transit, transit expansion, new starts alternatives and other transit options when planning for transportation system enhancements. MPOs are encouraged to visit FDOT's Public Transit Office webpage for more information.

Florida Planning Emphasis Area-2015

Complete Streets

The ability for Florida residents and visitors to have safe and convenient travel and access to economic hubs, shopping centers and public places is a vital part to creating a livable community. To ensure successful livable communities, transportation planning decisions must be made that encourage and consider economic development, appropriate local land uses, community culture and the natural environment. One strategy to accomplish these goals is to implement a Complete Streets plan that integrates people and the environment in the planning, design and construction of transportation networks. Complete Streets is accomplished through contextual design in which transportation planning and road design decisions are determined by the context of the environment versus a one-size fits all planning and design approach.

FDOT has implemented a Complete Streets policy that is targeted to promote safety, quality of life and economic development in Florida. Successful implementation of this policy requires FDOT to routinely plan, design, construct, reconstruct and operate a context-sensitive transportation system. Implementation of this policy at the regional and local level may require MPOs to incorporate context-sensitive solutions and transportation system designs that consider local safety issues, land use development, community needs, and context sensitive solutions in their transportation planning process.

As MPOs work to meet the needs of their transportation users, consideration should be given, where appropriate, to complete streets policies that improve accessibility and public safety, address cultural needs, encourage economic development and promote mobility across all modes of transportation.

The following resources are available to help MPOs develop an approach to Complete Streets: [FDOT Complete Streets - Workshops and Multi-Modal Corridor Planning Guidebook](#).

Bicycle/Pedestrian

Florida continues to be one of the leading states with high fatality and serious injury rates among bicyclists and pedestrians. Tackling this significant safety concern requires collaboration and support from all planning partners to develop effective bicycle and pedestrian planning strategies that reduce crashes, fatalities and injuries.

Florida is committed to working to address the challenge of improving safety for pedestrians and bicyclists. In 2010 FDOT established the Florida Bicycle and Pedestrian Council to provide a forum for stakeholders to participate and provide input into bike and pedestrian considerations. FDOT has updated several of its manuals and guidance documents, such as the Florida Greenbook, FDOT Design Standards and FDOT Plans Preparation Manual, to include guidance on incorporating innovative engineering countermeasures to improve pedestrian and bicyclist safety on Florida roadways. In 2011 FDOT implemented a Bicycle and Pedestrian Focused Initiative that targets the reduction of fatalities and serious injuries of pedestrian and bicyclists on Florida roadways through a comprehensive approach that includes engineering,

Florida Planning Emphasis Area-2015

enforcement, education, and emergency response countermeasures. In 2013 FDOT finalized its first Pedestrian and Bicycle Strategic Safety Plan and implemented Florida's Pedestrian and Bicycle Safety Coalition to assist with implementation of the plan.

To support pedestrian and bicycle safety, MPOs are encouraged to develop policies that support the integration of safe and well connected bicycle and walking networks into their overall transportation system. MPOs may also want to explore developing and implementing a Pedestrian Safety Action Plan, as suggested in the 2014 State Planning Emphasis Area bulletin. MPOs are encouraged to continue any efforts started as a result of the issuance of the 2014 State Planning Emphasis Area.

In existing MPO pedestrian safety programs, emphasis could be placed on enhancing or constructing new pedestrian and bicycling facilities, improving roadway and pedestrian lighting, and installing pedestrian safety devices such as marked crosswalks and pedestrian signals. MPOs can also reevaluate the effectiveness of their existing safety plan to determine if the program is still appropriate and producing positive results. MPOs are encouraged to use the following resources to develop your strategies: [FDOT Safety Office Webpage](#), [State of Florida Pedestrian & Bicycle Strategic Safety Plan](#), [Bicycle and Pedestrian Council](#), [Pinellas County Pedestrian Safety Plan](#) and [AlertTodayFlorida.com](#).

Federal Planning Emphasis Areas

In 2015 the Federal Highway Administration and Federal Transit Administration issued a joint Planning Emphasis Areas letter to all MPOs encouraging them to place emphasis on the following areas as they develop their Unified Planning Work Programs. FDOT supports the MPOs consideration of the federal planning emphasis areas in the development of the UPWP. The [Federal Planning Emphasis Areas](#) are posted on the Office of Policy Planning website. The emphasis areas are:

MAP-21 Implementation
Regional Models of Cooperation
Ladders of Opportunity

FLORIDA PLANNING EMPHASIS AREAS

No.	TASK TITLE	FREIGHT PLANNING	TRANSIT PLANNING	COMPLETE STREETS	BICYCLE/ PEDESTRIAN
1.1	UPWP Management				
1.2	MPO Board Support				
1.3	MPO Program Support Services				
2.1	Trans. Socioeconomic & Land Use Coord.				
2.2	Highway Traffic Counting				
3.1	Trans. Improvement Program				
4.2	Multimodal Access. Based Needs Analysis				
4.3	Miami-Dade Freight Plan				
4.4	Addressing Compliance of 2045 LRTP				
4.4	Ladders of Opportunity				
5.1	General Planning Consultant				
5.2	Call for Ideas				
5.3	Protected Bike Lanes				
5.4	Aging Road Users Strategic Safety Plan				
5.5	Bike/Ped Data Collection				
5.6	Connecting Highway Network Missing Links				
5.7	Impact of the Future Tech. - 2045 LRTP				
5.8	First/Last Mile Pilot - High Trip Generators				
5.9	Transportation and Land Use Visioning				
5.10	Visualization Tool of Travel Flow				
5.11	Federal Planning Emphasis Areas				
5.12	Evaluating Feasibility of Superarterials				
5.13	Bike Friendly Plan				
5.14	Miami River Tunnel Feasibility				
5.15	Implementation of the SMART Plan				
6.1	Regional Support Work				
6.2	Urban Modeling and Forecasting				
6.3	SERPM Development				
6.4	2045 Regional Transportation Plan				
7.1	Citizen and Private Sector				
7.2	Public Involvement Program				
8.1	Short-Range Intermodal Freight Planning				
8.2	Transit Corridor Planning				
8.3	Comprehensive Bicycle/Pedestrian				
8.4	Transportation Disadvantaged Planning				
8.5	ADA Required Infrastructure				
8.6	Municipal Grant Program				

Federal Planning Emphasis Areas

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have jointly issued three Planning Emphasis Areas (PEAs). FHWA and FTA have encouraged the MPOs and the States to develop and identify work tasks associated with the PEAs in their respective work programs. A cross-reference matrix is included indicating which work tasks are associated with each PEA.

1. **MAP-21 Implementation:** *Transition to Performance-based Planning and Programming* Encourage State DOTs and MPOs to further develop their performance management approach to transportation planning and programming. Performance-based planning and programming includes using transportation performance measures, setting targets, reporting performance, and programming transportation investments directed toward the achievement of transportation system performance outcomes. Appropriate UPWP work tasks could include working with local planning partners to identify how to implement performance-based planning provisions such as collecting performance data, selecting and reporting performance targets for the metropolitan area, and reporting actual system performance related to those targets. The MPOs might also explore the option to use scenario planning to develop their metropolitan transportation plan. We encourage you to use the following resources to help develop your approach: *Performance Based Planning and Programming Guidebook*; *Model Long Range Transportation Plans Guidebook* and *Small Metropolitan Areas: Performance Based Planning*.
2. **Regional Models of Cooperation:** *Ensure a Regional Approach to Transportation Planning by Promoting Cooperation and Coordination across Transit Agency, MPO and State Boundaries* - To improve the effectiveness of transportation decision making, we encourage State DOTs, MPOs, and providers of public transportation to think beyond traditional borders and adopt a coordinated approach to transportation planning. A coordinated approach supports common goals and capitalizes on opportunities related to project delivery, congestion management, safety, freight, livability, and commerce across boundaries. Improved multi-jurisdictional coordination by State DOTs, MPOs, providers of public transportation, and rural planning organizations (RPO) can reduce project delivery times and enhance the efficient use of resources, particularly in urbanized areas that are served by multiple MPOs. The MPOs can revisit their metropolitan area planning agreements to ensure that there are effective processes for cross-jurisdictional communication among State DOTs, MPOs, and providers of public transportation to improve collaboration, policy implementation, technology use, and performance management. State DOTs and MPOs can explore the opportunity to partner with RPOs to conduct transportation planning in nonmetropolitan areas. We encourage you to visit FHWA's *Regional Models of Cooperation* and *Every Day Counts Initiative* Webpages for more information.
3. **Ladders of Opportunity:** *Access to Essential Services* - Encourage State DOTs, MPOs, and providers of public transportation, as part of the transportation planning process, to identify transportation connectivity gaps in accessing essential services. Essential services include employment, health care, schools/education, and recreation. Suggested UPWP work tasks include developing and implementing analytical methods to identify gaps in

Federal Planning Emphasis Areas

the connectivity of the transportation system and developing infrastructure and operational solutions that provide the public, especially the traditionally underserved populations, with adequate access to essential services. Other effective work tasks could include: evaluating the effectiveness of public participation plans for engaging transportation disadvantaged communities in the transportation decision making process; updating the Section 5310 Coordinated Human Service Public Transportation Plans; assessing the safety and condition of pedestrian and bicycle facilities; and evaluating compliance with Americans with Disabilities Act, particularly around schools, concentrations of disadvantaged populations, social services, medical, and transit facilities.

FEDERAL PEAs CROSS REFERENCE TABLE

No.	TASK TITLE	MAP-21 IMPLEMENTATION	REGIONAL MODELS PLANNING OF COOPERATION	LADDERS OF OPPORTUNITY
1.1	UPWP Management			
1.2	MPO Board Support			
1.3	MPO Program Support Services			
2.1	Trans. Socioeconomic & Land Use Coord.			
2.2	Highway Traffic Counting			
3.1	Trans. Improvement Program			
4.1	Long Range Trans. Update			
4.2	Multimodal Access. Based Needs Analysis			
4.3	Miami-Dade Freight Plan			
4.4	Addressing Compliance of 2045 LRTP			
5.1	General Planning Consultant			
5.2	Call for Ideas			
5.3	Protected Bike Lanes			
5.4	Aging Road Users Strategic Safety Plan			
5.5	Bike/Ped Data Collection			
5.6	Connecting Highway Network Missing Links			
5.7	Impact of the Future Tech. - 2045 LRTP			
5.8	First/Last Mile Pilot - High Trip Generators			
5.9	Transportation and Land Use Visioning			
5.10	Visualization Tool of Travel Flow			
5.11	Federal Planning Emphasis Areas			
5.12	Evaluating Feasibility of Superarterials			
5.13	Bike Friendly Plan			
5.14	Miami River Tunnel Feasibility			
5.15	Implementation of the SMART Plan			
6.1	Regional Support Work			
6.2	Urban Modeling and Forecasting			
6.3	SERPM Development			
6.4	2045 Regional Transportation Plan			
7.1	Citizen and Private Sector			
7.2	Public Involvement Program			
8.1	Short-Range Intermodal Freight Planning			
8.2	Transit Corridor Planning			
8.3	Comprehensive Bicycle/Pedestrian			
8.4	Transportation Disadvantaged Planning			
8.5	ADA Required Infrastructure			
8.6	Municipal Grant Program			

FAST Act PLANNING FACTORS

On December 4, 2015, President Obama signed the Fixing America’s Surface Transportation (FAST) Act (Pub. L. No. 114-94) into law—the first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment. The FAST Act authorizes \$305 billion over fiscal years 2016 through 2020 for highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, and research, technology, and statistics programs. The FAST Act maintains our focus on safety, keeps intact the established structure of the various highway-related programs we manage, continues efforts to streamline project delivery and, for the first time, provides a dedicated source of federal dollars for freight projects. With the enactment of the FAST Act, states and local governments are now moving forward with critical transportation projects with the confidence that they will have a federal partner over the long term.

1. Support the support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
2. Increase the safety of the transportation system for motorized and non-motorized users;
3. Increase the security of the transportation system for motorized and non-motorized users;
4. Increase the accessibility and mobility of people and for freight;
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
6. Enhance the integration and connectivity of the transportation system across and between modes for people and freight;
7. Promote efficient system management and operations; and
8. Emphasize the preservation of the existing transportation system; and
9. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation; and
10. Enhance travel and tourism

The following table illustrates how each task in this document supports the eight planning factors.

FAST Act PLANNING FACTORS CROSS REFERENCE TABLE

No.	TASK TITLE	PLANNING FACTORS									
		1	2	3	4	5	6	7	8	9	10
1.1	UPWP Administration										
1.2	MPO Board Support										
1.3	MPO Program Support Services										
2.1	Trans. Socioeconomic & Land Use Coord.										
2.2	Socio-Economic Data										
3.1	Trans. Improvement Program										
4.1	Long Range Trans. Update										
4.2	Multimodal Access. Based Needs Analysis										
4.3	Miami-Dade Freight Plan										
4.4	Addressing Compliance of 2045 LRTP										
5.1	General Planning Consultant										
5.2	Call for Ideas										
5.3	Protected Bike Lanes										
5.4	Aging Road Users Strategic Safety Plan										
5.5	Bike/Ped Data Collection										
5.6	Connecting Highway Network Missing Links										
5.7	Impact of the Future Technology - 2045 LRTP										
5.8	First/Last Mile Pilot with High Trip Generators										
5.9	Transportation and Land Use Visioning										
5.10	Visualization Tool of Travel Flow										
5.11	Federal Planning Emphasis Areas										
5.12	Evaluating Feasibility of Superarterials										
5.13	Bike Friendly Plan										
5.14	Miami River Tunnel Feasibility										
5.15	Implementation of SMART Plan										
6.1	Regional Support										
6.2	Urban Travel Modeling and Frcestg.										
6.3	SERPM Development										
6.4	2045 Regional Transportation Plan										
7.1	Citizen and Private Sector										
7.2	Public Involvement Program										
8.1	Short-Range Intermodal Freight Planning										
8.2	Transit Corridor Planning										
8.3	Comprehensive Bicycle/Pedestrian										
8.4	Transportation Disadvantaged Planning										
8.5	ADA Required Infrastructure										
8.6	Municipal Grant Program										

Miami-Dade Metropolitan Planning Organization

FYs 2017-2018 TENTATIVE UPWP DEVELOPMENT SCHEDULE

DATE	PURPOSE	TIME	LOCATION
11/9/15	Call for Ideas (CFI) notice posted on MPO homepage and social media sites.	n/a	n/a
11/13/15	Press Release to Media for CFI.	n/a	n/a
11/18/15	Distributed CFI flyers to all forty-nine Miami-Dade County library branches	n/a	n/a
11/19/15	CFI e-newsletter sent to all parties on MPO Database.	n/a	n/a
11/19/15	Regional UPWP Kickoff Video Conference Meeting.	9:00 AM	FDOT District 6
12/1/15	CFI e-Blast sent to all parties on MPO Database.	n/a	n/a
12/1/15	Distributed CFI flyers to sixteen Community Action Agencies.	n/a	n/a
12/1/15	Distributed CFI flyers to Miami-Dade School Board.	n/a	n/a
12/1/15	Distributed CFI flyers to all colleges/universities & trade schools.	n/a	n/a
1/29/16	CFI proposals due to MPO.	5:00 PM	MPO Office
3/15/16	Submit draft document to FDOT District VI and FHWA for review and transmittal to Federal Agencies (30 day review cycle).	n/a	n/a
4/15/16	30 day review comments due back to MPO from District Six, FHWA and FTA.	5:00 PM	MPO Office
4/4/16	TPC review of draft as an information item.	2:00 PM	18 th Floor Rm. #4
4/6/16	CTAC review of Draft.	5:30 PM	18 th Floor Rm. #4
5/4/16	CTAC endorsement of Draft.	2:00 PM	18 th Floor Rm. #4
5/9/16	TPC endorsement of Draft.	2:00 PM	18 th Floor Rm. #4
5/19/16	MPO Board endorsement.	2:00 PM	SPCC Chambers

Meeting dates and locations subject to change.

Acronyms

- CFI Call for Ideas
- CTAC Citizens' Transportation Advisory Committee
- FDOT Florida Department of Transportation
- MPO Metropolitan Planning Organization
- SPCC Stephen P. Clark Center
- TPC Transportation Planning Council
- UPWP Unified Planning Work Program

Contact Person: Oscar Camejo, Metropolitan Planning Organization
 Office: (305) 375-1837 Fax: (305) 375-4950
 email ocamejo@miamidadempo.org

Meeting Locations: Stephen P. Clark Center (SPCC)
 111 NW 1st Street
 Miami, FL 33128

Web site: www.miamidadempo.org

ACRONYMS LIST

ABM	Activity Based Model	CTTP	Census Transportation Planning Package
ACS	American Community Survey	DBE	Disadvantaged Business Enterprise
ACSC	Area of Critical State Concern	DDA	Downtown Development Authority
ADA	Americans with Disabilities Act	DIC	Development Impact Committee
ADAAG	Americans with Disabilities Act Accessibility Guidelines	DOJ	Department of Justice
AER	Actual Expenditures Report	DTPW	Department of Transportation and Public Works
AMPO	Association of Metropolitan Planning Organizations	DWS	Detectable Warning Services
AOA	Airside Operations Area	DRI	Development of Regional Impact
AOR	Annual Operating Report	EAR	Evaluation and Appraisal Report
ARUSSP	Aging Road Users Strategic Safety Plan	EBS	Enhanced Bus Service
AWDT	Average Weekday Daily Traffic	EJ	Environmental Justice
BCC	Board of County Commissioners	EPA	Environmental Protection Agency
BLOS	Bicycle Level of Service	ETDM	Efficient Transportation Decision Making
BPAC	Bicycle/Pedestrian Advisory Committee	FAST Act	Fixing America's Surface Transportation Act
BRT	Bus Rapid Transit	FDEM	Florida Division of Emergency Mgmt.
CAA	Community Action Agency	FDEP	Florida Department of Environmental Protection
CAO	County Attorney's Office	FDOT	Florida Department of Transportation
CBD	Central Business District	FEC	Florida East Coast
CCFA	Contractors' Coordination and Fare Agreement	FHWA	Federal Highway Administration
CD	Compact Disc	FIU	Florida International University
CDMP	Comprehensive Development Master Plan	FPL	Florida Power and Light
CFA	Coordination & Fare Agreements	F.S.	Florida Statutes
CFASPP	Continuing Florida Aviation Systems Planning Process	FSUTMS	Florida Standard Urban Transportation Model Structure
CFDA	Catalogue of Federal Domestic Assistance numbers	FTA	Federal Transit Administration
CFR	Code of Federal Register	FTAC	Freight Trucking Advisory Committee
CIE	Capital Improvement Element	FTE	Florida's Turnpike Enterprise
CITT	Citizens' Independent Transportation Trust	FY	Fiscal Year
CMAQ	Congestion Mitigation and Air Quality	GIS	Geographic Information System
CODI	Commission on Disability Issues	GPC	General Planning Consultant
COOP	Continuing of Operations Plan	HEFT	Homestead Extension Florida Turnpike
CTAC	Citizen's Transportation Advisory Committee	HTML	Hyper Text Markup Language
CTC	Community Transportation Coordinator	ICAR	Intergovernmental Coordination and Review
CTD	Commission for the Transportation Disadvantaged	ISD	Internal Services Department
CTST	Community Traffic Safety Team	ILC	Intermodal Logistics Center
		IT	Information Technology
		ITS	Intelligent Transportation System

ACRONYMS LIST

JPA	Joint Participation Agreement	PPS	Public Participation Subcommittee
LAP	Local Agency Program	PSP	Private Sector Provider
LCB	Local Coordinating Board	PTAC	Planning Technical Advisory Committee
LEHD	Longitudinal Employer-Household Dynamics	PTSA	Parent Teacher Student Association
LEP	Limited English Proficiency Plan	PWWM	Public Works and Waste Management
LODES	LEHD Origin-Destination Employment Statistics	PL	FHWA Planning Funds
LOS	Level of Service	PROWAG	Public Rights of Way Accessibility Guidelines
LRTP	Long Range Transportation Plan	PROS	Parks, Recreation and Open Spaces
MAP-21	Moving Ahead for Progress in the 21 st Century	PSA	Professional Service Agreement
MAZ	Microanalysis Zone	PTAC	Public Technical Advisory Committee
MDAD	Miami-Dade Aviation Department	PTP	People's Transportation Plan
MDCPS	Miami Dade County Public Schools	QPR	Quarterly Progress Report
MDX	Miami-Dade Expressway Authority	RAM	Random Access Memory
MGP	Municipal Grant Program	RER	Regulatory and Economic Resources
MIA	Miami International Airport	RLRTP	Regional Long Range Transportation Plan
MIC	Miami Intermodal Center	ROW	Right of Way
MNAT	Mobility Needs Assessment Tool	RTP	Regional Transportation Plan
MOU	Memorandum of Understanding	RTTAC	Regional Transportation Technical Advisory Committee
MPO	Metropolitan Planning Organization	RTTACMS	Regional Transportation Advisory Committee Modeling Subcommittee
MPOAC	Metropolitan Planning Organization Advisory Council	SAC	Study Advisory Committee
MR-MICCI	Miami River – Miami Intermodal Center Capacity Improvement	SCI	Sustainable Communities Initiative
MUA	Miami Urbanized Area	SEACO	South East Air Coalition for Outreach
MUR	Monthly Utilization Report	SEFTC	South East Florida Transportation Council
MUTCD	Manual of Uniform Traffic Control Devices	SERPM	Southeast Regional Planning Model
NAAQS	National Ambient Air Quality Standards	SFECC	South Florida East Coast Corridor
NTD	National Transit Database	SFRFP	Southeast Florida Regional Freight Plan
NTP	Notice to Proceed	SFILC	South Florida Intermodal Logistics Center
P3	Public Private Partnership	SFRPC	South Florida Regional Planning Council
PD&E	Project Development and Environmental	SFRTA	South Florida Regional Transportation Authority
PEA	Planning Emphasis Areas	SHS	State Highway System
PI	Public Involvement	SIP	State Implementation Plan
PIM	Public Involvement Manager	SLD	Straight Line Diagrams
PIMT	Public Involvement Management Team	SMART	Strategic Miami Area Rapid Transit
PIO	Public Involvement Officer	SOW	Scope of Work
PIP	Public Involvement Plan	SR	State Road
PL	Planning Funds	SR	Service Requests
PPP	Public Participation Plan		

ACRONYMS LIST

SRESP	Statewide Regional Evacuation Study Program
STP	Surface Transportation Program
STIP	State Transportation Improvement Program
STS	Special Transportation Services
SPCC	Stephen P. Clark Center
SRTP	Strategic Regional Transit Plan
TARC	Transportation Aesthetics Review Committee
TAP	Transportation Alternatives Program
TAZ	Traffic Analysis Zone
TCRPC	Treasure Coast Regional Planning Council
TDM	Transportation Demand Management
TDSP	Transportation Disadvantaged Service Plan
TDP	Transit Development Plan
TEP	Trans. Enhancements Program
TIGER	Transportation Investment Generating Economic Recovery
TIME	Transportation Interface for Modeling Evacuations
TIP	Transportation Improvement Program
TOD	Transit Oriented Development
TARC	Transportation Aesthetics Review Committee
TPC	Transportation Planning Council
TPTAC	Transportation Planning Technical Advisory Committee
TRIP	Transportation Regional Incentive Program
UDB	Urban Development Boundary
UMSA	Unincorporated Municipal Service Area
UPWP	Unified Planning Work Program
USC	United States Code
USAF	United States Air Force
USEPA	United States Environmental Protection Agency
VLOS	Vehicular Level of Service
YTD	Year to Date

