

UNIFIED PLANNING WORK PROGRAM

for Transportation Planning Activities Fiscal Years 2019 and 2020



APRIL 26, 2018

FY 2018/19 through FY 2019/2020
Period of July 1, 2018 to June 30, 2020

APPROVED BY THE MIAMI-DADE TRANSPORTATION PLANNING ORGANIZATION
ON APRIL 26, 2018



Miami-Dade TPO Governing Board Chairman

PREPARED BY THE MIAMI-DADE TRANSPORTATION PLANNING ORGANIZATION

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Cost Analysis Certification

Miami-Dade TPO

Unified Planning Work Program - FY 2019 & FY 2020

Adopted 4/26/2018

Revision Number: Initial Adoption

I hereby 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.

Name: Curlene Thomas

Metropolitan Planning Administrator District Six
Title and District

A handwritten signature in blue ink that reads "C Thomas". The signature is written over a horizontal line.

6/5/2018

Signature

INTRODUCTION

Definition of the Unified Planning Work Program

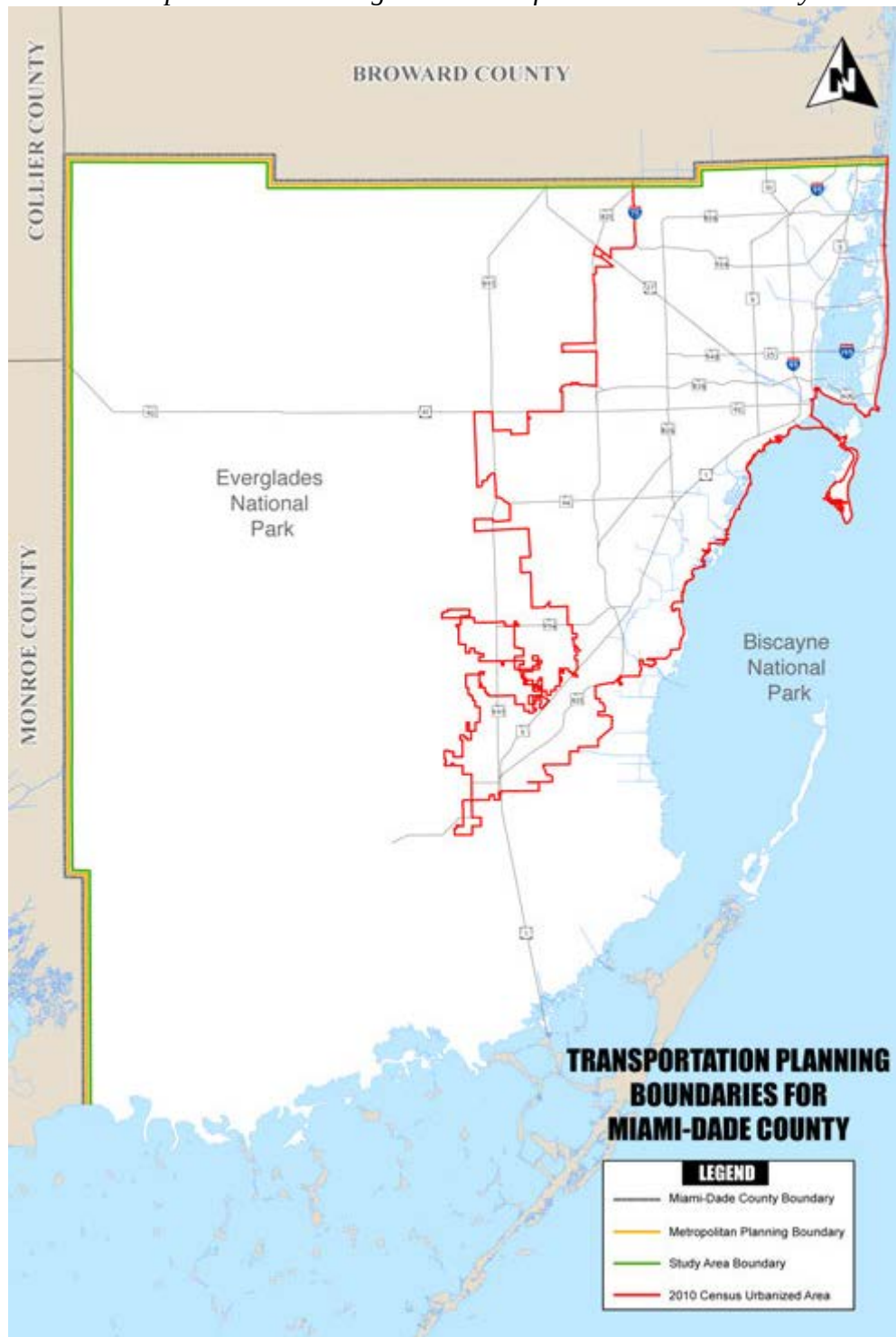
The Fiscal Years 2019 and 2020 Unified Planning Work Program (UPWP) of the Miami-Dade Transportation Planning Organization (TPO), in its role as the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area, describes transportation planning activities to be managed by the TPO in and for Miami-Dade County, Florida. It should be noted that the agency name was changed from MPO to TPO as part of the agency's directive at its 40-year anniversary on March 22, 2017. Tasks included in this document are scheduled to be conducted during the fiscal period beginning July 1, 2018 and ending on June 30, 2020, 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 TPO 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 between 2015 and 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) with the exception of task 1.4 (local funds) and Task 5.7 (state funds). This work is guided by policies adhered to by the State of Florida and the TPO 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, a UPWP includes a description of the planning work and resulting products, who 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 Miami-Dade TPO, in its role as the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area, 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 TPO Governing Board composition, upon full appointment, includes twenty-five (25) 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 elected 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 eight cities include: Coral Gables, Doral, Hialeah, Homestead, Miami, Miami Beach, Miami Gardens, and North Miami.

A major role of the TPO 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 TPO endorsed plans and programs.

Figure 1
Transportation Planning Boundaries for Miami-Dade County



The transportation planning boundaries for the Miami-Dade TPO, as depicted in this map, overlap with the Miami-Dade County Boundaries. Both the Metropolitan Planning Boundary and the Study Area Boundary coincide with the administrative boundaries for Miami-Dade County.

ORGANIZATION AND MANAGEMENT

The TPO is assisted by professional staff from local and state transportation agencies including the FDOT District Six, Florida's Turnpike Enterprise Miami-Dade County Expressway Authority, the Miami-Dade County Department of Transportation and Public Works, the Miami-Dade County Department of Regulatory and Economic Resources. To achieve coordination in regional transportation planning, other entities such as the South Florida Regional Planning Council, the South Florida Regional Transportation Authority, and the Broward MPO and Palm Beach TPA, work closely with the Miami-Dade County TPO.

The Executive Director of the TPO is designated by, and serves at the pleasure of the TPO Board. The Director's staff coordinates the activities of the component structure comprising the TPO; prepares the meeting agendas for the TPO 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 Executive Director function; coordinates the implementation of policies established by the TPO Governing Board as reflected in the transportation planning program, and performs other administrative and technical duties as may be assigned by the TPO Governing Board.

The Executive Director of the TPO 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 (JPAs) are used to access Federal Highway Administration (FHWA), Federal Transit Administration (FTA) and State funds. JPAs are also used for intergovernmental coordination and for the allocation of federal and state funds. Some of the agreements the Miami-Dade TPO has in effect to perform the tasks included in the FY 2019 & 2020 UPWP include:

- Interlocal Agreement for the creation and establishment of the Miami-Dade TPO, executed on March 2, 1977, amended on 25th of April 2005 to reflect statutory changes
- The Intergovernmental Coordination and Review (ICAR) which was executed on February 22, 2012 between the Florida Department of Transportation (FDOT), Miami-Dade TPO, 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, continuing, cooperative and comprehensive transportation planning process.
- Memorandum of Understanding (MOU) for Management Services between the Miami-Dade TPO and Miami-Dade County executed on July 1, 2013.
- Urban Transportation Planning Agreement between the Florida Department of Transportation and the Miami-Dade TPO executed March 2, 1977.
- Tri-county Interlocal agreement for the creation of the Southeast Florida Transportation Council (SEFTC) to carry out Regional Transportation Planning and Coordination in the South Florida region executed on January 2006; amended on September 2009; amended on July 2011.

- Memorandum of Understanding (MOU) between Miami-Dade TPO, Broward MPO, Palm Beach TPA, and FDOT Districts 4 & 6 for the purpose of assigning roles and responsibilities and creating a decision making framework for future travel demand modeling tasks related to Southeast Florida Regional Planning Model (SERPM) executed on May 14, 2015.

Pertinent agreements are found in the Miami-Dade TPO Prospectus under the Appendices 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 TPO Governing Internal Organization which details the Board Composition, Appointments, establishes Quorum, Rules of Debate, Agreements, etc. are available under Appendices of the TPO Prospectus. Additional detailed information concerning the metropolitan planning process and standard MPO agreements are outlined in the Adopted TPO 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 TPO Provisions. For more details, a copy of the Prospectus may be obtained by calling (305) 375-4507, or requesting by e-mail: TPO@mdtpo.org and is also available on the TPO web site. Required forms, certifications, assurances, matrices and tables are included in this document under Appendices.

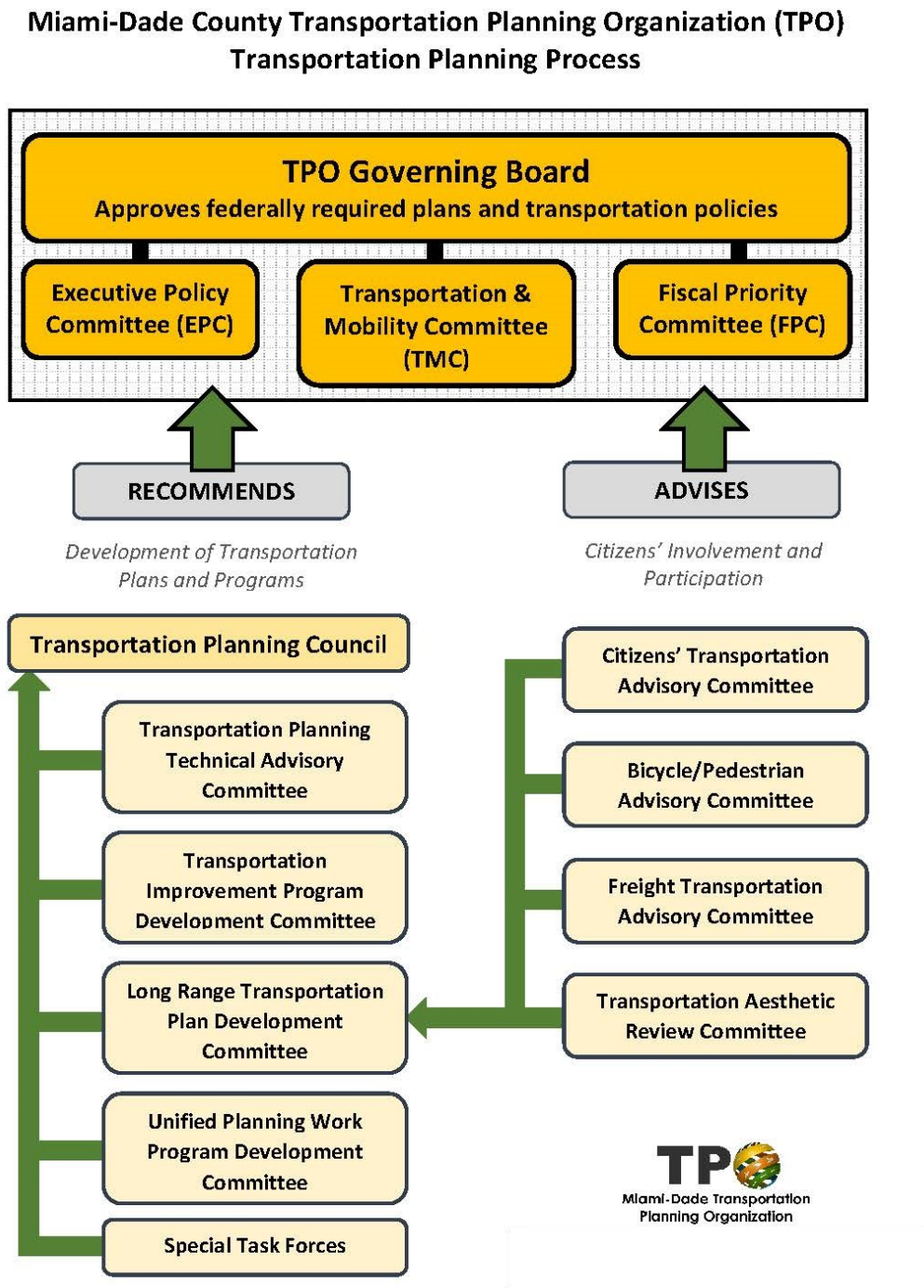
TPO Prospectus link <http://www.miamidadetpo.org/library/reports/prospectus-for-transportation-improvements-2015-05.pdf>

Formal technical guidance is provided by the Transportation Planning Council (TPC) of the TPO 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 Transportation Aesthetics Review Committee (TARC) with hearings held throughout the community during the program period as necessary under task 7.1; Citizen Advisory Committees. The public involvement process is also complemented through task 7.2; Public Involvement 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 5.6 and the Freight Transportation Advisory Committee (FTAC) under task 5.4.

Please visit our web site at <http://miamidadetpo.org> for additional information on UPWP-related activities or to learn about the continuing efforts undertaken by the TPO 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 TPO 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 TPO to comply with all of the requirements of the Americans with Disabilities Act. For materials in accessible format please call 305-375-4507.

Figure 2
Transportation Planning Process



OVERVIEW OF TRANSPORTATION PLANNING ACTIVITIES

The Transportation Planning Organization (TPO) for the Miami Urbanized Area guides the transportation process in Miami-Dade County. The TPO 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 TPO:

- o Develops a LRTP for the urban area that specifies transportation improvements over at least a twenty-year horizon.
- o 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.
- o 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.
- o 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.
- o Coordinates the activities of the Transportation Planning Council (TPC). The TPC is responsible for the overall technical adequacy of the TPO's planning program actions that are transmitted to the Governing Board for acceptance and adoption. 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 three standing committees: the Long Range Transportation Plan (LRTP) Steering Committee, the Transportation Improvement Program (TIP) Development Committee, and the Transportation Planning Technical Advisory Committee (TPTAC). The LRTP Steering Committee is responsible for coordinating, compiling, and preparing the Long Range Transportation Plan and updates. The TIP Development Committee is responsible for coordinating, compiling, and preparing the 5-year Transportation Improvement Program, and the TPTAC is charged with reviewing studies and providing technical input prior to study conclusion. Additionally the TPTAC provides an extra layer of coordination among the transportation partners during the planning process.
- o 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.
- o Facilitates public involvement at all levels of the metropolitan planning process. Transportation issues are submitted routinely to the CTAC for review and plans are available for public comment prior to their adoption.
- o 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).
- o Maintains a Freight Transportation Advisory Committee (FTAC) to provide regular input of the freight industry into all aspects of the counties' transportation planning activities.
- o In 2016, the TPO established three permanent Committees to review transportation related items and make recommendations to the full TPO Governing Board. Please refer to TPO Resolution #77-16 for historical reference. The Executive Policy Committee (EPC), provides policy direction in the development of transportation plans and work programs, including the TPO Prospectus; the Transportation and Mobility Committee (TMC) monitors and make recommendations concerning the Long Range Transportation Plan (LRTP), Transportation Improvement Program

(TIP), and any other planning document impacting transportation and mobility; and the Fiscal Priorities Committee (FPC) promotes the programming of transportation dollars to better reflect the immediate priorities of the TPO Governing Board.

Long Range Transportation Plan (Element 4)

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. FDOT uses the TPO's Long Range Transportation Plan (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 TPO process. The TPO Governing Board adopted the 2040 Long Range Transportation Plan on October 23, 2014. The plan is guided by a comprehensive vision to... ***“Provide mobility options for Miami-Dade County residents and visitors and promote economic competitiveness by investing in the County’s transportation infrastructure while protecting the environment and maximizing the efficiency of the existing transportation system.”*** The Miami-Dade TPO has started work on the 2045 Long Range Transportation Plan (Task 4.1), and the anticipated completion date is October 2019.

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:

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

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

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

These objectives are in turn based on the policies defined in the LRTP and in the Miami-Dade CDMP 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).

Regional Transportation Plan (Element 6)

As a result of growth in South Florida and the 2000 Census, the Miami Urbanized Area was defined as the tri-county area of Palm Beach, Broward, and Miami-Dade counties, which solidified their relationship. The Southeast Florida Transportation Council (SEFTC) was created to formalize regional coordination while maintaining their individual county MPO contexts. The SEFTC is made up of elected officials from the three MPOs. The Regional Transportation Technical Advisory Committee

(RTTAC) is a working group that provides staff support and recommendations to the SEFTC Policy Board on technical issues. Three subcommittees support the RTTAC as staff-level working groups and includes:

- **RTTAC – Modeling Subcommittee**
- **RTTAC – Public Participation Subcommittee**
- **RTTAC – Transportation System Management & Operations (TSM&O) Subcommittee**

The processes characterizing regional collaboration through SEFTC follow those established in the Interlocal Agreement, and the original commitments and duties stated in agreement are:

- Develop a regional long-range transportation plan with updates every five years;
- Develop a regional project prioritization process to meet growing travel demands throughout the region;
- Develop a regional public involvement process; and
- Develop performance measures to assess the effectiveness of regional coordination efforts.

SEFTC received staff support and recommendations about technical decisions from the Regional Transportation Technical Advisory Committee (RTTAC), which includes staff from the three agencies, FDOT Districts 4 and 6, Florida Turnpike Enterprise, the Miami-Dade Expressway Authority, the South Florida Regional Transportation Authority, the four local transit agencies, and the two area Regional Planning Councils. The regional activities are included in Element 6.

The three agencies comprising the Miami Urbanized Area are collaborating through the SEFTC in the development of the 2045 Regional Transportation Plan (RTP) for Southeast Florida. The adopted 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 agencies through the SEFTC and Regional Transportation Technical Advisory Committee (RTTAC). The Miami-Dade TPO served as the administering agency for the 2040 RTP, and the Broward MPO is serving as the administering agency for the 2045 RTP. Further, all the agencies of the Miami Urbanized Area as well as the FDOT collaborate on other major efforts such as the development of the Southeast Regional Planning Model (SERPM) and together completed efforts on the 2015 Southeast Florida Regional Travel Survey.

The Miami-Dade TPO also works through coordination with the South Florida Regional Planning Council on regional issues in Monroe, Miami-Dade and Broward counties.

TPO Planning Priorities for Miami-Dade County

Florida Statutes 339.175(8)(b) contains the requirement that the annual listing of project priorities shall be submitted to FDOT District 6 by October 1 of each year. The TPO has the statutory responsibility to set priorities for all modes of transportation in the draft FDOT Five-Year Work Program. The Miami-Dade TPO works with operating agencies of all modes through the Transportation Improvement Program (TIP) Development cycle (see Task 3.1) to annually update the multimodal TIP. The statute allows the TPO, if agreed to in writing with FDOT, to vary this submittal date. The Miami-Dade TPO has revised the submission date to June 1st of each year. This change improves the process by submitting the TPO Priorities to FDOT at the beginning of the Department's work program development cycle, rather than very near the end when using the October 1st date. This list of Project Priorities is based on TPO Governing Board Resolutions #06-16 which establishes a policy to set as the highest priority the advancement of the rapid transit corridors in Miami-Dade County and #26-16 which endorses the Strategic Miami Area Rapid Transit (SMART) Plan.

Coordination with Partners

Efforts related to transportation planning in Miami-Dade County for the Florida Department of Transportation (FDOT), Florida Turnpike Enterprise (FTE), Miami-Dade Expressway Authority (MDX) and South Florida Regional Transportation Authority (SFRTA) are included in detail in the Appendices. The Miami-Dade TPO coordinates with the Southeast Florida Transportation Council (SEFTC) and with the South Florida Regional Planning Council (SFRPC) on regional issues in Monroe, Miami-Dade and Broward counties, including coordination within the Miami Urbanized Area and areas outside the boundaries that are impacted by transportation movements between regions and within the region (see Element 6).

Public Involvement Processes Used in the Development of the UPWP

The public sector is solicited yearly to submit ideas to be considered for inclusion in the UPWP. A “Call for SMART Ideas” is sent out throughout the community via e-blasts, e-newsletters, flyers and the TPO’s website. The main TPO distribution list includes, but is not limited to, every citizen that has communicated with the TPO and provided contact information. In addition, the brochure is placed on the TPO website, and is available to be downloaded, completed electronically, or distributed to the TPO Committees and Advisory Committees. Brochures are also distributed to public libraries for citizens that do not have access to a computer.

FEDERAL PLANNING FACTORS AND EMPHASIS AREAS

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. In its transportation planning process the Miami-Dade TPO must consider projects and strategies that will incorporate the following federal planning factors:

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 ten planning factors.

Miami-Dade TPO Federal Planning Factors – UPWP Task Matrix

No.	TASK TITLE	PLANNING FACTORS									
		1	2	3	4	5	6	7	8	9	10
1.1	UPWP Management										
1.2	TPO Board Support										
1.3	TPO Program Support Services										
1.4	TPO Advocacy and Legislative										
2.1	Transportation Land Use Coordination										
2.2	Highway Traffic Counting										
3.1	Transportation Improvement Program										
4.1	Long Range Transportation Plan Update 2045										
5.1	General Planning Consultant										
5.2	SMART Moves Program										
5.3	Implementation of the SMART Plan										
5.4	Short Range Intermodal Freight Planning										
5.5	Transit Corridor Planning										
5.6	Complete Streets										
5.7	Transportation Disadvantaged										
6.1	Regional Support Work										
6.2	Urban Modeling and Forecasting/SERPM Development										
7.1	Citizen and Private Sector										
7.2	Public Involvement Program										

Federal Emphasis Areas

There are no federal emphasis areas. TPOs have been directed instead to focus on performance based planning.

MAP-21 established a focus on Performance-Based Planning and Programming (PBPP) that required the metropolitan (and statewide) planning process to incorporate goals, measures, and targets to identify needed transportation improvements and to select projects. Performance-based planning is integrated throughout the metropolitan planning process and in the development of LRTPs.

Figure 3 Framework for Performance Based Planning



Source: FHWA Performance-Based Planning and Programming Guidebook, Page iv.

Performance measures guide and support the performance-based planning process and are incorporated throughout the planning process. They are used in measuring success in achieving the plan's goals, scenario planning, system performance, and project evaluation.

Performance measures are used to:

1. Clarify the definition of goals
2. To monitor or track performance over time
3. As a reference for target setting
4. As a basis for supporting policy and investment decisions by comparing alternative options
5. To assess the effectiveness of projects and strategies¹

The MAP-21 National Goals and the Federal Planning Factors (new planning factors established under the FAST Act [23 USC 134 (h) (1)]) will be considered in development of the plan goals, objectives, and especially the performance measures of the LRTP.

¹ Performance-Based Planning and Programming Guidebook, U.S. Department of Transportation, Federal Highway Administration, September 2013, Page 40.

Goal Area	MAP-21 National goal
Safety	To achieve a significant reduction in traffic fatalities and serious injuries on all public roads
Infrastructure condition	To maintain the highway infrastructure asset system in a state of good repair
Congestion reduction	To achieve a significant reduction in congestion on the National Highway System
System reliability	To improve the efficiency of the surface transportation system
Freight movement and economic vitality	To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development
Environmental sustainability	To enhance the performance of the transportation system while protecting and enhancing the natural environment
Reduced project delivery delays	To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices

SOURCE: [23 USC 150(a)]

The Fixing America's Surface Transportation Act (FAST Act), signed into law on December 4, 2015, supports and continues the overall performance program established under MAP-21. The National Performance Management Measures are based on the National Goals and are also required to be addressed in the system performance report in the LRTP, including safety, infrastructure (pavement and bridges) and system performance.

The FY 2019/2020 UPWP time period includes several deadlines for implementation of the new federal performance management process established by the Moving Ahead for Progress in the 21st Century Act (MAP-21) and the Fixing America's Surface Transportation (FAST) Act and described in Code of Federal Regulations Chapter 450. Through the FY 2019/2020 UPWP the TPO shall:

- Establish performance measure targets for Safety (TPO Resolution #05-18, January 25, 2018), System Performance (due Nov. 16, 2018), and Asset Management (bridge and pavement, due Nov. 16, 2018).
- Develop, in cooperation with the State and public transportation operators, the LRTP (Task 4.1) and TIP (Task 3.1) through a performance-driven, outcome-based approach to planning for the metropolitan areas.
- Participate, through the MPOAC, in the joint agreement with FDOT for cooperatively developing and sharing information related to transportation performance data, selection of performance targets, reporting of targets, reporting of performance to be used in tracking progress toward attainment of critical outcomes for the MPO, and collection of data for the State asset management plan for the NHS.

Performance management activities will be performed during the TIP development (Task 3.1) and 2045 LRTP development (Task 4.1) including the adoption of targets for performance measures based on national goals that are assessing the transportation system, continue consideration of the National goals in the development of the LRTP's goals, objectives and performance measure, and other activities in coordination with transportation operators, the Florida Department of Transportation, Federal Highway Administration and Federal Transit Administration. The activities in relation to the State of Good Repair

and Transportation Asset Management prepared by DTPW and SFRTA are included in the TIP (Task 3.1) and LRTP (Task 4.1).

Florida Planning Emphasis Areas

The Florida Department of Transportation Office of Policy Planning develops *Planning Emphasis Areas* on a two-year cycle in coordination with the development of Metropolitan Planning Organizations' respective unified planning work programs. Emphasis areas set planning priorities, support the Florida Transportation Plan, and give importance to topic areas which MPOs are encouraged to address as they develop their planning programs. Implementation of the seven goals of the Florida Transportation Plan requires embracing innovation; extensive collaboration across jurisdictions, modes and disciplines; an emphasis on customer service; data and performance feedback; and strategic investments for the efficient and effective allocation of resources. The Miami-Dade TPO considers the following topics in the FY 2019 & 2020 Unified Planning Work Plan:

Rural Transportation Planning: MAP-21 defined the structure and responsibilities of designated regional transportation planning organizations in federal regulations for the first time. Florida Statutes include several provisions that require coordination with local governments including those in rural areas. FDOT encourages MPOs to plan for and coordinate with rural governmental entities both within their planning boundaries as well as those areas outside of the current boundaries that are impacted by transportation movements between regions. The Miami-Dade TPO coordinates with the Southeast Florida Transportation Council (SEFTC) and with the South Florida Regional Planning Council (SFRPC) on regional issues in Monroe, Miami-Dade, Broward and Palm Beach counties, including coordination within the Miami Urbanized Area and areas outside the boundaries that are impacted by transportation movements between regions and within the region (see Element 6).

Transportation Performance Measures: FHWA has finalized six interrelated performance rules to implement the transportation performance measures framework established by MAP-21 and the FAST Act. Collectively, the rules address challenges facing the transportation system, including: improving safety, maintaining the condition of the infrastructure, reducing traffic congestions, improving the efficiency of the system and freight movement, protecting the environment, and reducing delays in project delivery. The rules established national performance measures. State DOTs and MPOs must establish targets for each measure. MPOs need to account in their UPWP for the effort necessary to satisfy the federal requirements. The Miami-Dade TPO includes activities in Element 3 (Transportation Improvement Program) and Element 4 (2045 Long Range Transportation Plan).

ACES (Automated/Connected/Electric/Shared-use) Vehicles: According to the Federal Highway Administration, "Transportation is in the midst of disruptive change from new technologies (automated and connected vehicles); new institutions (shared mobility firms); and changing attitudes (reduced car ownership). Across the nation, transportation planners are under pressure to develop performance-oriented policies, plans, and investment decisions that consider an increasingly complex transportation landscape. In the process, planners need to consider, but cannot yet reliably predict, the potential impact of disruptive and transformational Connected Vehicle (CV) and Automated Vehicle (AV) technologies on safety, vehicle ownership, road capacity, VMT, land-use, roadway design, future investment demands, and economic development, among others. While some forms of CV and AV are already being deployed across the United States, significant unknowns exist regarding the rate of technology adoption, which types of technologies will prevail in the marketplace, the interaction between CV/AV vehicles and various forms of shared mobility services, and the impacts of interim and widespread levels

of CV/ AV usage.” Adopting and supporting innovative technologies and business practices supports all seven goals of the Florida Transportation Plan and the federal planning factors found in the FAST Act. ACES may lead to great improvements in safety, transportation choices, and quality of life for Floridians, our visitors and the Florida economy. Though there is a great deal of speculation and uncertainty of the potential impacts these technologies will have, MPOs need to determine how best to address the challenges and opportunities presented to them by ACES vehicles. The Miami-Dade TPO’s upcoming 2045 LRTP includes an emphasis on innovative planning efforts which seek to balance access, mobility, affordability and finance, community cohesion, health and environmental quality and stewardship. The Miami-Dade TPO completed a study called ‘*Future Technology and Its Impact on the 2045 Long Range Transportation Plan*’. This study evaluated the existing and future technologies that will impact and transform the transportation planning process. The study provides a framework and steps to incorporate technologies in the 2045 LRTP.

FINANCIAL OVERVIEW

Planning tasks to be performed with funds under Title 23, U.S.C and 49 U.S.C. §53.

With the exception of Task 1.4/TPO Legislative and Advocacy Services and Task 5.7/Transportation Disadvantaged Planning, all other planning tasks included in Element 1, Element 2, Element 3, Element 4, Element 5, Element 6 and Element 7, will be performed using funds under Title 23, U.S.C and 49 U.S.C. §53. Details of funding sources for each task are specified in the financial tables provided in the document.

Description of Metropolitan Transportation and Transportation-Related Air Quality Planning Activities (if applicable) anticipated in the non-attainment areas, regarding of funding sources

The Miami-Dade TPO is part of the Miami Urbanized Area, which is currently in attainment.

Soft Match Definition, Amount Being Matched, and County Service Fee

The Miami-Dade TPO does not soft match the federal funds for this program. The county service fee is 10% of salaries. The FY 2019 and 2020 Funding Analysis summary is included below:

FUNDING ANALYSIS					
Total Funds Available FY 2019 and 2020 UPWP (in 000s)					
SOURCE	FEDERAL	STATE	LOCAL	TPO	TOTALS
FHWA PL (81.93%)	6,967				6,967
Local Match (18.07%)			1,537		1,537
FHWA SU (100%)	4,246				4,246
FTA 5305(d) (80%)	3,538				3,538
Local Match (10%)			442		442
State Match (10%)		442			442
CTD (100%)		150			150
TPO Participation Fee				489	489
TOTALS	14,751	592	1,979	489	17,811

PL includes de-obligation of \$352,000 in FY 2017 PL and \$663,000 in FY 2018 PL funds.

SU includes de-obligation of \$1,151,252 in FY 2017 SU and \$2,627,640 in FY 2018 SU funds.

The budget and PL/SU funds are illustrative until approved by the federal entities.

FY 2017 & 2018 UPWP Overview

The following list provides a status of the studies conducted under the FYs 2017 and 2018 UPWP:

Task	Description	Status
3.1	Transportation Improvement Program - FYs 2018 and 2019 InteracTIP	Completed
4.2	Miami-Dade TPO Multimodal Accessibility Based Needs Analysis	Completed
4.3	Miami-Dade Freight Plan	Completed
4.4	Addressing Compliance of 2045 LRTP Update with Requirements	Completed
5.1	General Planning Consultant - Reversible Lanes Along Thoroughfares - SW 152nd Street Mobility Solutions - Miami River Tunnel Feasibility Study - Transit Oriented Development Evaluation Along the CSX East-West Corridor - Connected and Autonomous Vehicle Task Force Support - SMART Plan Implementation: U.S. Metropolitan Preliminary Financial Analysis - Waterborne Transportation Feasibility Study between Black Point Marina and Downtown Miami - STOPS Model Development for the North Corridor - STOPS Model Development for the Flagler Corridor - SMART Plan Corridor Inventory – Beach Corridor - SMART Plan Corridor Inventory – East-West Corridor - SMART Plan Corridor Inventory – Kendall Corridor - SMART Plan Corridor Inventory – North Corridor - SMART Plan Corridor Inventory – Northeast Corridor - SMART Plan Corridor Inventory – South Dade Transitway Corridor - NW Transit Corridor Feasibility Study 2045 Socioeconomic Data Development - Public Easement Bicycle/Pedestrian Network Plan - Let's Get Involved: The Challenge	Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Ongoing
5.2	Call For Ideas - Flagler Trail Master Plan - Vision Zero Plan	Ongoing Completed
5.3	Protected Bike Lanes Master Plan	Completed
5.4	Aging Road Users Strategic Plan	Completed
5.5	Bicycle Pedestrian Data Collection	Completed
5.6	Connecting the Highway Network Missing Links	Completed
5.7	Impact of Future Technology in the 2045 LRTP	Completed
5.8	First/Last Mile Pilot with High Trip Generator Employers	Completed
5.9	Transportation and Land Use Visioning in Miami-Dade County	Cancelled
5.10	Visualization Tool of Travel Flow	Cancelled
5.11	Federal Planning Emphasis Areas	Completed
5.12	Evaluating Feasibility of Superarterials	Cancelled
5.13	Bike Friendly Plan	Completed

5.14	Miami River Tunnel Feasibility	Completed
5.15	Implementation of the SMART Plan • Beach N/E Corridors Land Use Scenario and Visioning • East-West Corridor Land Use Scenario and Visioning • Kendall Corridor Land Use Scenario and Visioning • North Corridor Land Use Scenario and Visioning • South Dade Transitway Land Use Scenario and Visioning • RER SMART Plan Support • Development of Financial Scenarios • Systemwide Forecasting Support • Update of Financial Scenarios • Economic Mobility and Access Beach/NE • Economic Mobility and Access East-West • Economic Mobility and Access Kendall • Economic Mobility and Access North • Economic Mobility and Access South • SMART Plan Flyover Video • Factors Affecting Transit Ridership	Ongoing Ongoing Ongoing Ongoing Ongoing Ongoing Completed Ongoing Completed Ongoing Ongoing Ongoing Ongoing Ongoing Ongoing Completed Ongoing
6.1	Regional Support – 2040 Regional Transportation Plan	Completed
6.3	Southeast Regional Planning Model (SERPM) Version 8.0 (FDOT District Four is the Lead Agency)	Completed
6.4	2045 Regional Transportation Plan (Broward MPO is the lead agency)	Ongoing
7.2	Public Involvement Program • Transportation Outreach Planner • Annual Report • Citizens Guide	Completed Completed Completed
8.3	Comprehensive Bicycle/Pedestrian Planning Programs • Safe Routes to School 2016 • Safe Routes to School 2018	Completed Completed
8.6	Municipal Grant Program • One-Way Street Conversions Study • Intermodal Hubs Feasibility Study • Optimizing NOMI Express Routes, Connections and Technology • Trolley Route Expansion Study • Multimodal Mobility Opportunities Study • Complete Streets Corridor Analysis • Unified Master Plan for Pedestrian and Bicycle Connectivity • Complete Streets Implementation Plan	Completed Completed Completed Completed Completed Completed Completed Completed

TPO WORK PROGRAM ELEMENTS AND TASKS



UPWP WORK ELEMENT 1

ADMINISTRATION

The administration section describes task functions required to manage the transportation planning process on a continual basis including program administration, UPWP development, review and reporting, anticipated staff development and an annual audit as required by 23 C.F.R. 420.121(c). Further activities include analysis of state and federal legislation, TPO Board support including TPO committees and advisory committees.

Tasks included in this element are listed below:

- Task 1.1 UPWP Management
- Task 1.2 TPO Board Support
- Task 1.3 TPO Program Support Services
- Task 1.4 TPO Legislative and Advocacy Services



ELEMENT 1: ADMINISTRATION

TASK NUMBER AND TITLE:

1.1 UPWP MANAGEMENT

PURPOSE:

To implement the Miami-Dade TPO's transportation planning vision by administering the planning priorities and activities identified in the two (2) year UPWP. 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.

REQUIRED ACTIVITIES:

Development of the FY 2021 & 2022 UPWP

- Develop the FY 2021 & 2022 UPWP to meet the requirements of 23 CFR 450 and 23 CFR 420, resulting in a transportation planning work program which identifies the planning budget and tasks the TPO will perform over the fiscal years.
- Incorporate new transportation planning studies into the UPWP document through Task 5.2 "SMART Moves" Program 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), Bicycle Pedestrian Advisory Committee and other key private and civic organizations.
- Assemble and present the review draft of the FYs 2021 and 2022 UPWP to the Florida Department of Transportation (FDOT) District Six and Central Office, the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the Florida Commission for the Transportation Disadvantaged, and the Florida Department of Economic Opportunity for their review, comment and approval.
- Present the Final Draft of the program to the Transportation Planning Council and the TPO Board for approval.
- Transmit TPO Board approved document to the funding agencies for approval.

Administration & Monitoring of the FY 2019 & 2020 UPWP

- Provide administrative services and management of the UPWP throughout the FY 2019 and FY 2020 including preparation of funding agreements, contract administration and preparation of proposed amendments and modifications, and updating the document as required.
- Ensure projects are properly funded and begin and end dates are within grant agreement time frames for allowable expenditures.
- Advise project managers of the status of tasks through Gantt charts to achieve compliance with scheduled dates.
- Maintain the UPWP as needed, through amendments and/or modifications to address any changes following federal and state requirements. Seek approval from Florida Department of Transportation (FDOT) and Federal Agency(ies) as appropriate.

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

- 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.

Grant Management Activities

- Apply for Federal and State grants to secure funds to achieve the implementation of the transportation planning work program.
- Maintain continued eligibility for federal and state transportation aid through the maintenance of a certified urban transportation process. Prepare and work with FDOT, FHWA and FTA as necessary to complete federal and state certification reviews.
- 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 TPO Board.
- Participate in the performance of audits.

Administration Activities

- 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.
- 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.

PREVIOUS WORK AND ACCOMPLISHMENTS:

- Developed the FY 2019 & 2020 UPWP to meet the requirements of 23 CFR 450 and 23 CFR 420.
- Administered the FY 2017 and FY 2018 UPWP including preparation of funding agreements, contract administration and preparation of proposed amendments and modifications, and updating the document as required.
- Completed Annual State Certification Review May 2017 & April 2018.

END PRODUCTS:

- FYs 2021 and 2022 UPWP (June 2020)
- Amendments and modifications of FYs 2019 and 2020 UPWP, as required.
- Quarterly Progress Reports for FY 2019 and FY 2020
- Reimbursement Requests

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

PROJECT MANAGER:

Lisa Colmenares, AICP

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:

This is a continuing activity with the following schedule:

Fiscal Year	2019	2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$68,513	\$15,111	\$0	\$0	\$0		\$83,624
County Service Fee:							
TPO	\$5,224	\$1,152	\$0	\$0	\$0		\$6,376
	\$73,737	\$16,263	\$0	\$0	\$0	\$0	\$90,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 - FY 2019/20

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$72,319	\$15,951	\$0	\$0	\$0		\$88,270
County Service Fee:							
TPO	\$5,514	\$1,216	\$0	\$0	\$0		\$6,730
	\$77,833	\$17,167	\$0	\$0	\$0	\$0	\$95,000

*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 TPO BOARD SUPPORT

PURPOSE:

Ensure proper resolution of transportation issues by providing support to the TPO Governing Board, and its three standing committees: Executive Policy Committee (EPC), Fiscal Priorities Committee (FPC) and Transportation and Mobility Committee (TMC), as well as assisting the Transportation Planning Council (TPC) and its committees. Identify proposed transportation-related legislation and regulations to determine potential impact to TPO structure, process and activities. Monitor grant announcements for applicability to the TPO.

REQUIRED ACTIVITIES:

Provide staff support for the TPO Governing Board, its three standing committees (EPC, FPC and TMC), any TPO Governing Board Subcommittee and Task Forces that may be created, the TPC, and the Transportation Planning Technical Advisory Committee (TPTAC). Support responsibilities include:

- 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 TPO Governing Board and TPC Resolutions.
- Prepare summary minutes and follow-up on directives for, including but not limited to, the TPO Governing Board meetings, TPO standing committees, and TPC.
- Prepare written analysis of proposed agenda action items for TPO Governing Board members.
- Provide direct staff support and respond to the TPO Governing Board members.
- Maintain and update TPO Governing Board membership contact information and appointments to TPO Citizens' Committees.
- Serve as the TPO Financial Disclosure Coordinator to the Florida Commission on Ethics
- Coordinate with participating agencies to prepare an annual update of the TPO Prospectus for Transportation Improvements.
- Notice Public meeting involving TPO Governing Board members in accordance with Sunshine Law.

Provide staff support for Legislative Assessments at the State and Federal Level. Support responsibilities include:

- Continue Serving on the Association of Metropolitan Planning Organization's (AMPO's) national Policy Committee.
- Monitor Legislative Priorities of organizations such as the MPO Advisory Council (MPOAC).
- Monitor and report on proposed Surface Transportation Reauthorization legislation.
- Monitor County Commission and Committee agendas for transportation-related legislation.
- Provided letters of support for County and TPO Partners' federal grant applications.

ELEMENT 1: ADMINISTRATION

- Support intergovernmental review activities.
- Coordinate activities with participating transportation partners as issues emerge.

PREVIOUS WORK AND ACCOMPLISHMENTS:

- This element is a continuing activity. It entails informing and/or updating TPO Governing Board members and transportation partners, including municipalities, on transportation related issues and their impact to the goals and objectives of the TPO Transportation Plan.

END PRODUCTS:

- TPO Agendas and back-up materials/documentation including an electronic version posted on the TPO website.
- Written TPO Agenda Briefings for Governing Board members.
- Final Summary Minutes for the TPO Governing Board, TPO standing Committees, TPC, and Sunshine Meetings between Governing Board Members.
- TPO Board Follow-up Report.
- Minutes of the three TPO standing Committees as well as 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 TPO process.
- TPO Prospectus for Transportation Improvements.
- Certified TPO Governing Board and TPC Resolutions.
- Legislative summaries and reports including recommendations.

PROJECT MANAGER:

Zainab Salim

PARTICIPATING AGENCIES:

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

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

City of Miami Beach
City of Coral Gables
City of Doral
South Florida Regional Transportation Authority
Florida Department of Environmental Protection

WORK SCHEDULE: This is a continuing activity.

- Start Date: July 2018
- End Date: June 2020

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$346,372	\$76,394	\$148,665	\$18,583	\$18,583		\$608,597
County Service Fee:							
TPO	\$26,409	\$5,825	\$11,335	\$1,417	\$1,417		\$46,403
	\$372,781	\$82,219	\$160,000	\$20,000	\$20,000	\$0	\$655,000

The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$296,890	\$65,480	\$222,997	\$27,875	\$27,875		\$641,117
County Service Fee:							
TPO	\$22,637	\$4,993	\$17,003	\$2,125	\$2,125		\$48,883
	\$319,527	\$70,473	\$240,000	\$30,000	\$30,000	\$0	\$690,000

*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 TPO PROGRAM SUPPORT SERVICES

PURPOSE:

Support the TPO operations. This task involves the direct and indirect overhead costs for the TPO. 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 TPO office space, travel, registration fees, express mail, training, reproduction of supporting materials, furniture, purchase of office supplies, virtual desktops, computer equipment and peripherals, software, and continued technological update of the existing Internet applications.

REQUIRED ACTIVITIES:

- Meeting webcasts
- Website development and maintenance
- 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 Department (ITD) fees, Internal Services Department (ISD) services, postage, messenger services, paper, ink cartridges and the like to support office operations.
- Annual payment for online survey application software.
- Annual online cloud backup service.
- Purchase office supplies from ISD and outside vendors.
- Purchase office furniture and equipment.
- Reconfiguration of reception area to limit access/increase security.
- Required assessment of office space and board chambers necessary to conduct agency business.
- Lease high speed color copier/printer.
- Lease high speed black and white copier/printer.
- Staff travel to transportation related workshops, training, seminars, conferences, statewide and national meetings with peer exchange deliverables and professional staff development return on investment.
- Provide requested information to auditors performing the single audit.
- Respond and prepare solicited documentation to address Annual Audit.
- Prepare the Continuity of Operations Plan (COOP)
 - Ensure the basic continuity of operations of the TPO 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 county service fee is 10% of salaries.

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

PREVIOUS WORK AND ACCOMPLISHMENTS:

- Ensured the administrative operations of the office to include all overhead costs were properly processed.
- Desktop PCs were replaced with virtual online monitors.

END PRODUCTS:

COOP (April 2018 and April 2019)

Office furniture* (as needed)

PCs and peripherals* (as needed)

PROJECT MANAGER:

Chris Rosenberg

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization (Primary agency)

Internal Services Department

Finance Department (invoicing, auditing, timesheet processing, payroll)

Office of Emergency Management

Information Technology Department (website, hardware, software, storage and maintenance)

Communications Department (webcast and TV production, graphic and website design)

WORK SCHEDULE:

This is a continuing activity with the following schedule:

Fiscal Year	2019	2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$53,288	\$11,753	\$37,166	\$4,646	\$4,646		\$111,499
County Service Fee:							
TPO	\$4,063	\$896	\$2,834	\$354	\$354		\$8,501
Travel:							
TPO	\$36,869	\$8,132					\$45,000
Other Direct Expenses:							
TPO							
Audit	\$3,277	\$723					\$4,000
Copy Machine	\$14,747	\$3,253					\$18,000
Data Services	\$4,916	\$1,084					\$6,000
Rent	\$114,702	\$25,298					\$140,000
ISD Services	\$39,326	\$8,674					\$48,000
Pool Car	\$5,735	\$1,265					\$7,000
Telephone	\$10,651	\$2,349					\$13,000
Subscriptions	\$819	\$181					\$1,000
Parking	\$4,097	\$904					\$5,000
Mail	\$3,277	\$723					\$4,000
Registration	\$3,277	\$723					\$4,000
HR Services	\$819	\$181					\$1,000
Office Supplies	\$10,651	\$2,349					\$13,000
Equipment/furniture	\$13,109	\$2,891					\$16,000
Office Expansion or move	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Public Hearing Ads	\$13,928	\$3,072					\$17,000
Other Departments:							
Finance	\$35,230	\$7,770					\$43,000
Information Technology	\$204,825	\$45,175					\$250,000
Communications	\$11,470	\$2,530					\$14,000
	\$589,077	\$129,923	\$40,000	\$5,000	\$5,000	\$0	\$769,000

The budget and PL funds are illustrative for year 1 until approved by the appropriate entities
Items over \$5,000 will seek FDOT and FHWA approval prior to purchase.

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$57,094	\$12,592	\$37,166	\$4,646	\$4,646		\$116,144
County Service Fee:							
TPO	\$4,353	\$960	\$2,834	\$354	\$354		\$8,856
Travel:							
TPO	\$36,869	\$8,132	\$0	\$0	\$0		\$45,000
Other Direct Expenses:							
TPO							
Audit	\$3,277	\$723					\$4,000
Copy Machine	\$17,205	\$3,795					\$21,000
Data Services	\$5,735	\$1,265					\$7,000
Rent	\$119,618	\$26,382					\$146,000
ISD Services	\$13,109	\$2,891					\$16,000
Pool Car	\$6,554	\$1,446					\$8,000
Telephone	\$11,470	\$2,530					\$14,000
Subscriptions	\$819	\$181					\$1,000
Parking	\$4,097	\$904					\$5,000
Mail	\$4,097	\$904					\$5,000
Registration	\$3,277	\$723					\$4,000
HR Services	\$819	\$181					\$1,000
Office Supplies	\$11,470	\$2,530					\$14,000
Equipment/furniture	\$13,109	\$2,891					\$16,000
Office Expansion or Move	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Other Departments:							
Finance			\$34,400	\$4,300	\$4,300		\$43,000
Information Technology	\$204,825	\$45,175	\$0	\$0	\$0		\$250,000
Communications	\$11,470	\$2,530					\$14,000
	\$529,268	\$116,732	\$74,400	\$9,300	\$9,300	\$0	\$739,000

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

ELEMENT 1: ADMINISTRATION

TASK NUMBER AND TITLE:

1.4 TPO LEGISLATIVE & ADVOCACY SERVICES

PURPOSE:

This task provides for continuing federal, state and local legislative support services to the Miami-Dade TPO. The task also provides support for hosting peer exchanges or special events, and purchasing goods and materials not permitted under the current federal, state and local funding sources.

REQUIRED ACTIVITIES:

The following activities, including efforts referenced in scope of services approved by TPO Resolution #42-17, will be conducted through this task, among others:

- Engage in federal, state and local advocacy activities on behalf of the Miami-Dade TPO to include the travel of TPO Board members and TPO staff.
- Monitoring annual sessions at national, state and local legislature to identify, analyze and track proposed legislation of interest to the Miami-Dade TPO.
- Prepare bills recommended by the Board and ensuring their distribution to the local legislative delegation and appropriate committees and subcommittees.
- Research and recommend policies to the Board on transportation being proposed or discussed by the Legislature.
- Host peer to peer exchanges or special events.
- Purchasing of promotional materials, goods and services not authorized by existing funding sources, as appropriate.

This task will be supported solely by the Local TPO Participation Fee. All consultant's services will require TPO Board approval. A quarterly expense report will be provided as part of the TPO Board agendas.

PREVIOUS WORK AND ACCOMPLISHMENTS:

- The TPO legislative and advocacy services are established in TPO Resolution #33-17 dated July 20, 2017.
- 2018 Miami-Dade TPO General Assembly: Purchased event promotional materials, venue rental and logistics for event day and clean-up, funded travel for guest speakers, paid for plated lunches and coffee/tea for all registered attendees.

END PRODUCTS:

Legislative advice and services to Miami-Dade TPO that result in compliance with all applicable federal and state activities to advance the priorities of the TPO, especially the Strategic Miami Area Rapid Transit (SMART) Plan.

- All end products will be delivered as requested for each work order.

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 1: ADMINISTRATION

- Final and executive reports, including monthly summary of relevant federal and state legislative bill tracker that lists all introduced legislation that would affect the TPO.
- Final and executive reports will be submitted in an electronic copy for further distribution and posting on the TPO website.
- A Finance Report detailing all expenses will be prepared for TPO Board information.

PROJECT MANAGER:

Aileen Bouclé, AICP

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization

WORK SCHEDULE: This is a continuing activity with the following schedule:

Year	FY 2019	FY 2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

FUNDING: TPO Resolution #33-17 dated July 20, 2017, establishes a calendar year financial participation fee of \$22,222 commencing in FY 2017-2018 and every year thereafter for non-County governmental agencies with voting membership on the TPO Governing Board.

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	TPO Part Fee	Totals
Salaries and Fringes:							
TPO	\$0	\$0	\$0	\$0	\$0	\$22,712	\$22,712
County Service Fee:							
TPO	\$0	\$0	\$0	\$0	\$0	\$1,732	\$1,732
Other Direct Expenses						\$219,998	\$219,998
	\$0	\$0	\$0	\$0	\$0	\$244,442	\$244,442

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	TPO Part Fee	Totals
Salaries and Fringes:							
TPO	\$0	\$0	\$0	\$0	\$0	\$22,712	\$22,712
County Service Fee:							
TPO	\$0	\$0	\$0	\$0	\$0	\$1,732	\$1,732
Other Direct Expenses						\$219,998	\$219,998
	\$0	\$0	\$0	\$0	\$0	\$244,442	\$244,442

UPWP WORK ELEMENT 2

DATA COLLECTION

The data collection 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. Activities include data collection and analysis, data for GIS development and support, data and analysis for comprehensive development master plan support, and efforts needed to support data sharing with transportation partners and the public.

Tasks included in this element are listed below:

- Task 2.1 Transportation, Socioeconomic Data, and Land Use Coordination
- Task 2.2 Highway Traffic Counting Program

ELEMENT 2: DATA COLLECTION

TASK NUMBER AND TITLE:

2.1 *TRANSPORTATION/ SOCIOECONOMIC DATA/LAND USE COORDINATION*

PURPOSE:

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

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 with the development of alternative land use scenarios to support ongoing transportation planning initiatives.
- Assistance with mapping of information (i.e. GIS) from the maintained databases.
- 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), Longitudinal Employer-Household Dynamics (LEHD), and LEHD Origin-Destination Employment Statistics (LODES).
- Evaluate proposed changes, refinements, and adjustments to base year (2015) and forecasted year (2045) databases.
- A 2045 Plus database will be maintained which will reflect major land use changes that impact travel patterns at a Traffic Analysis Zone (TAZ) level. Boundaries for future 2020 databases.
- Perform a review of Traffic Analysis Zones (TAZ)/Micro Analysis Zones (MAZ).

PREVIOUS WORK AND ACCOMPLISHMENTS:

- This is a continuing activity in Miami-Dade County's transportation planning process.
- Preparation of the final 2015 and 2045 socioeconomic databases for use in the 2045 Long range Transportation Plan.
- Participation in the 2045 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.

ELEMENT 2: DATA COLLECTION

END PRODUCTS:

- Final base year (2015) socioeconomic dataset consistent with SERPM format. (December 2019)
- Final forecasted year (2045) socioeconomic dataset consistent with SERPM format. (June 2020)
- 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.
- New 2020 MAZ/TAZ boundaries.

PROJECT MANAGER:

Wilson Fernandez, TPO
Manuel Armada, RER

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:

This is a continuing activity with the following schedule:

Fiscal Year	2019	2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 2: DATA COLLECTION

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$30,450	\$6,716	\$14,866	\$1,858	\$1,858		\$55,748
County Service Fee:							
TPO	\$2,322	\$512	\$1,134	\$142	\$142		\$4,252
Other Departments:							
RER	\$57,351	\$12,649					\$70,000
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$90,123	\$19,877	\$16,000	\$2,000	\$2,000	\$0	\$130,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$25,122	\$5,541	\$22,300	\$2,787	\$2,787		\$58,537
Service Fee:							
TPO	\$1,915	\$422	\$1,700	\$213	\$213		\$4,463
Other Departments:							
RER	\$24,579	\$5,421	\$32,000	\$4,000	\$4,000		\$70,000
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$51,616	\$11,384	\$56,000	\$7,000	\$7,000	\$0	\$133,000

*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 highway traffic-counting system** as necessary to support SMART Plan transit modeling, transportation systems planning, short-range highway planning, service concurrency evaluation for the Comprehensive Development Master Plan, project level analyses, and the private sector.

REQUIRED ACTIVITIES:

- Collect traffic counts at station locations along county and city roads to be counted annually as follows:
 - a. Four hundred (400) counts for calendar year 2019.
 - b. Six hundred (600) counts for calendar year 2020.
- Traffic counts are held Tuesdays through Thursdays for 72 consecutive hours.
- This work has been utilized for model validation and maintenance purposes and along with trend analysis and potential use for performance measures, including transit performance measurements adopted by the TPO Governing Board.
- Identify appropriate traffic count locations county-wide based upon an annual review of FDOT stations and station deficiencies with specific count location recommendations. Eliminate any duplication with FDOT counts stations locations and update Traffic Count Stations Master List.
- Convert raw data to Average Weekday Daily Traffic (AWDT) Counts and report information by time-of-day.
- Catalog Miami-Dade County traffic volume data collected on database for the current year.
- Maintain database (system programming and master data file) containing historical traffic counts collected for each station for Miami-Dade County.
- Maintain station number, location description, and map for Miami-Dade County traffic count stations.
- Coordinate with RER the stations to be counted each year, addition of new or deletions of stations.
- Complete the needed tasks for system programming.
- Update hardware, software and training as needed.

PREVIOUS WORK AND ACCOMPLISHMENTS:

Calendar Year	Traffic Count Stations Collected	Status
2016	580	Completed
2017	399	Completed

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 2: DATA COLLECTION

END PRODUCTS:

- AWDT for the stations counted are published and distributed annually per calendar year. (i.e., March 2019 for calendar year 2018 counts)
- Maintain and update AWDT count trends and historical databases for the selected locations county-wide.

PROJECT MANAGER:

Maria Teresita Vilches-Landa, P.E. – TPO
Tewari Edmonson - TPO
Claudia Diaz, P.E. – DTPW

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization (Primary Agency)
Miami-Dade Department of Transportation and Public Works (Primary Agency)
Miami-Dade Department of Regulatory and Economic Resources

WORK SCHEDULE:

This work item is a program of continuing planning activities and has the following start and end dates:

Calendar Year	2019	2020
Start Date	January 1, 2019	January 1, 2020
End Date	December 31, 2019	December 31, 2020

Please note that tasks extend beyond UPWP timeframe and will be continued through the FY 2021 & 2022 UPWP.

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$19,032	\$4,197	\$0	\$0	\$0		\$23,229
County Service Fee:							
TPO	\$1,451	\$320	\$0	\$0	\$0		\$1,771
Other Departments:							
DTPW	\$40,964	\$9,035					\$50,000
	\$61,447	\$13,553	\$0	\$0	\$0	\$0	\$75,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM**ELEMENT 2: DATA COLLECTION**

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$19,793	\$4,365	\$0	\$0	\$0		\$24,158
County Service Fee:							
TPO	\$1,509	\$333	\$0	\$0	\$0		\$1,842
Other Departments:							
DTPW	\$0	\$0	\$80,000	\$10,000	\$10,000		\$100,000
	\$21,302	\$4,698	\$80,000	\$10,000	\$10,000	\$0	\$126,000

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

UPWP WORK ELEMENT 3

TRANSPORTATION IMPROVEMENT PROGRAM

This element includes tasks required for the development and management of the TIP including the development of the TPO Program Priorities and performance management activities.

Tasks included in this element are listed below:

- Task 3.1 Transportation Improvement Program

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.

REQUIRED ACTIVITIES:

TIP Coordination

- 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 with all participating agencies.
- 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.
- Document compliance with federal performance management requirements including establishment of Performance Management targets and describe the anticipated effects of the TIP towards achieving the performance targets, including the State of Good Repair and Transportation Asset Management Plans.
- Coordinate with regional partners through SEFTC and SFRPC.

ELEMENT 3: TRANSPORTATION IMPROVEMENT PROGRAM

TIP Administration and Management

- 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 “TPO Program Transportation Priorities” to be submitted to FDOT on June 1, 2019 (for Year 1) and on June 1, 2020 (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 transit as prioritized by the TPO Board and to roadway segments identified as operating below acceptable level of service standards.
- Coordinate with transportation stakeholders through the Transportation Improvement Program (TIP) development to meet federal requirements on performance management.
- Maintain on-going activities to monitor and report on progress and status of programmed projects, including TIP amendments and modifications.
- Prepare document for review and approval by all TPO Committees, TPO Advisory Committees, and TPO Board. Seek endorsement of the TIP document by June 2019 (for Year 1) and June 2020 (for Year 2).
- Upload and maintain the Interactive TIP application at the Miami-Dade TPO 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.

PREVIOUS WORK AND ACCOMPLISHMENTS:

- 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 2020-2024 (Year 1) and 2021-2025 (Year 2).

END PRODUCTS:

- A multi-modal Transportation Improvement Program (TIP) document for Fiscal Year 2019/2020, with forecasts of needs through FY 2023/2024 (June 2019).
- A multi-modal Transportation Improvement Program (TIP) document for Fiscal Year 2020/2021, with forecasts of needs through FY 2024/2025 (June 2020).
- Interactive TIP/LRTP at the TPO web site including amendments and modifications.

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 3: TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT MANAGER:

Carlos Roa
Lisa Colmenares, AICP

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:

This is a continuing activity with the following schedule:

Year	Year 1 (FY 2019)	Year 2 (FY 2020)
Start Date	October 1, 2018	October 1, 2019
End Date	September 2019	September 2020

Please note that tasks extend beyond UPWP timeframe and will be continued through the FY 2021 & 2022 UPWP.

TIP Amendments and distribution to transportation partners will be performed on an as-needed basis and continuously.

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$98,963	\$21,827	\$96,632	\$12,079	\$12,079		\$241,580
County Service Fee:							
TPO	\$7,546	\$1,664	\$7,368	\$921	\$921		\$18,420
Other Departments:							
DTPW	\$32,772	\$7,228					\$40,000
Consultant:							
	\$65,544	\$14,456	\$0	\$0	\$0		\$80,000
	\$204,825	\$45,175	\$104,000	\$13,000	\$13,000	\$0	\$380,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 3: TRANSPORTATION IMPROVEMENT PROGRAM

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$131,697	\$29,046	\$74,332	\$9,292	\$9,292		\$253,659
County Service Fee:							
TPO	\$10,042	\$2,215	\$5,668	\$708	\$708		\$19,341
Other Departments:							
DTPW	\$32,772	\$7,228	\$0	\$0	\$0		\$40,000
Consultant:							
	\$65,544	\$14,456	\$0	\$0	\$0	\$0	\$80,000
	\$240,055	\$52,945	\$80,000	\$10,000	\$10,000	\$0	\$393,000

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

UPWP WORK ELEMENT 4

LONG RANGE TRANSPORTATION PLAN

This section addresses the planned actions to be taken in this UPWP for the development of the 2045 LRTP, and continuous long range planning efforts, including performance management.

Tasks included in this element are listed below:

- Task 4.1 Long Range Transportation Plan (LRTP) Update to the Year 2045

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN

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 “Fixing America’s Surface Transportation Act” or FAST Act. To the extent feasible within this UPWP, address any new federal requirements that may arise.
- Ensure, to the maximum extent possible, Plan consistency with policies established in the Comprehensive Development Master Plan (CDMP) and address Performance Management.
- 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.

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 2018/19 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, as results of the 2015 and 2045 socioeconomic datasets become available, any run tests with Regional Activity Based Model (Ongoing process)
- Coordinate Public Involvement Program activities (estimated to begin June/July 2018, continuous process).
- Plan Goals and Objectives (June/July 2018)
- Initiate the Review and Projections of Existing funding sources (pending release of information by FDOT Central Office) (Fall 2018)
- Initiate Performance Management Process (PMP) (following release of PM targets) and development Performance Measures (October/November 2018)
- Document compliance with federal performance management requirements including establishment of Performance Management targets and describe the anticipated effects of the LRTP towards achieving the performance targets, including the State of Good Repair and Transportation Asset Management Plans.
- Coordinate with regional partners through SEFTC and SFRPC (Continuous process).
- Initiate the Needs Plan Assessment (November 2018)

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN

- Incorporate projects from Future Technology and AV Study, Freight Plan Update, Congestion Management Plan, Bicycle/Pedestrian Plan as part of Needs Assessment (October/November 2018)
- 2045 LRTP Financial Resources Review and Update (Fall 2018 – following the release of FDOT Central Office Revenue Projections data)
- Initiate Efficient Transportation Decision Making (ETDM) Process (Dec. 2018/Jan. 2019)
- Cost Feasible Plan (March/April 2019)

The following actions are expected to be completed during fiscal year 2019/2020 as part of the current LRTP Update effort under FAST Act guidelines:

- Final Cost Feasible Plan (July 2019)
- TPO Board Approval (October 2019)

PREVIOUS WORK AND ACCOMPLISHMENTS:

- This is a continuing activity in Miami-Dade County's transportation planning process.
- For 2017 and 2018, maintained an up-to-date electronic 2040 Long Range Transportation Plan that incorporated all amendments.
- Starting in 2017, developed a Draft Scope of Services for the 2045 LRTP. Coordinated comments with FDOT, FHWA, and FTA. Incorporated received comments into Final Scope of Services. Professional Service Agreement with Consultant Team completed January, 2018.
- 2045 LRTP Steering Committee kick-off meeting held March 27, 2018.
- Socioeconomic datasets (population and employment) for 2015 base year and 2045 horizon year completed April, 2018.

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)
- Regional LRTP coordination (throughout adoption)
- 2045 Goals and Objectives (September 2018)
- ETDM Process (May 2019)
- 2045 LRTP Needs Plan (March 2019)
- Development of visualization tools (throughout adoption)

PROJECT MANAGER:

Carlos Roa

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization (Primary Agency)
Florida Department of Transportation, District Six and Four
Florida's Turnpike Enterprise
South Florida Regional Transportation Authority

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 4: LONG RANGE TRANSPORTATION PLAN

Miami-Dade Expressway Authority
Miami-Dade Department of Transportation and Public Works
Miami-Dade Aviation and Seaport Departments
Miami-Dade Department of Regulatory and Economic Resources
Miami-Dade Office of Management and Budget
Citizen's Transportation Trust
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 MPO and Palm Beach TPA.

Fiscal Year	Year 1 2019	Year 2 2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020
Final Cost Feasible Plan	-	July 2019
Plan Approval	-	October 2019

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM**ELEMENT 4: LONG RANGE TRANSPORTATION PLAN****FUNDING:****Year 1 - FY 2018/19**

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$90,590	\$19,980	\$112,242	\$14,030	\$14,030		\$250,872
County Service Fee:							
TPO	\$6,907	\$1,523	\$8,558	\$1,070	\$1,070		\$19,128
Consultant:							
FY 2019	\$491,580	\$108,420	\$0	\$0	\$0		\$600,000
FY 2018 Carryover	\$0	\$0	\$640,000	\$80,000	\$80,000		\$800,000
	\$589,077	\$129,923	\$760,800	\$95,100	\$95,100	\$0	\$1,670,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$138,549	\$30,558	\$74,332	\$9,292	\$9,292		\$262,023
County Service Fee:							
TPO	\$10,563	\$2,330	\$5,668	\$708	\$708		\$19,977
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$149,112	\$32,888	\$80,000	\$10,000	\$10,000	\$0	\$282,000

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

The total funds needed to support the 2045 LRTP effort over a five-year period is \$1,500,000. The adoption of the 2045 LRTP Update is required to take place on or before October 2019. \$100,000 were spent during the FY 2018 UPWP year in consultant services.

UPWP WORK ELEMENT 5

SPECIAL PROJECT PLANNING

This section is intended for the development of new and recurring planning studies and projects, and other multimodal planning projects that don't fit easily into other categories.

Tasks included in this element are listed below:

- Task 5.1 General Planning Consultant (GPC) Support
- Task 5.2 SMART Moves Program
- Task 5.3 Implementation of the SMART Plan
- Task 5.4 Short Range Intermodal Freight Planning
- Task 5.5 Transit Corridor Planning
- Task 5.6 Complete Streets
- Task 5.7 Transportation Disadvantaged Planning Grant Program

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 TPO's efforts in conducting the transportation planning process for Miami-Dade County.

REQUIRED ACTIVITIES:

The TPO 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.
- 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 TPO's Transportation Planning Process.
- “SMART Moves” efforts as identified in Task 5.2 and other studies listed in this document.

New Studies

- 5.1.1 - Senior Living Facilities Road Safety Audits \$50,000: To conduct Road Safety Audits (RSA) at priority locations identified in the TPO's Older Road User Strategic Safety Plan. The goal of an RSA is to develop multi-disciplinary recommendations that enhance traffic safety consistent with the procedures outlined in the FHWA RSA guidelines. Tasks include crash analysis, data collection, RSA team coordination, field review, alternatives identification, community meeting (one per site), final recommendations, cost estimates and project documentation.

PREVIOUS WORK AND ACCOMPLISHMENTS:

The following studies were completed during the previous FYs 2017 and 2018 UPWP using GPC funds under this task:

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

ELEMENT 5: SPECIAL PROJECT PLANNING

- Connected and Autonomous Vehicle Task Force Support
- SMART Plan Implementation: U.S. Metropolitan Preliminary Financial Analysis
- Waterborne Transportation Feasibility Study between Black Point Marina and Downtown Miami
- STOPS Model Development for the North Corridor
- STOPS Model Development for the Flagler Corridor
- SMART Plan Corridor Inventory – Beach Corridor
- SMART Plan Corridor Inventory – East-West Corridor
- SMART Plan Corridor Inventory – Kendall Corridor
- SMART Plan Corridor Inventory – North Corridor
- SMART Plan Corridor Inventory – Northeast Corridor
- SMART Plan Corridor Inventory – South Dade Transitway Corridor
- NW Transit Corridor Feasibility Study
- 2045 Socioeconomic Data Development
- Public Easement Bicycle/Pedestrian Network Plan

In addition, the following study is ongoing and will be completed during FY 2019:

- Let's Get Involved: The Challenge

Process

- A Scope of Work (SOW) is prepared by TPO 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 TPO within two (2) weeks of the receipt of the draft SOW.
- The TPO 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 TPO Governing Board for approval.
- Once the SOW is approved by the TPO 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, TPO 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.

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 TPO Website.

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM**ELEMENT 5: SPECIAL PROJECT PLANNING****PROJECT MANAGER:**

Oscar Camejo

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:

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

FUNDING:**Year 1 - FY 2018/19**

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$98,963	\$21,826	\$81,766	\$10,221	\$10,221		\$222,997
County Service Fee:							
TPO	\$7,546	\$1,664	\$6,234	\$779	\$779		\$17,003
Consultant:							
FY 2019	\$151,571	\$33,430	\$0	\$0	\$0		\$185,000
FY 2017 Carryover	\$0	\$0	\$124,000	\$15,500	\$15,500		\$155,000
FY 2016 Carryover	\$0	\$0	\$205,600	\$25,700	\$25,700		\$257,000
	\$258,080	\$56,920	\$417,600	\$52,200	\$52,200	\$0	\$837,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$114,950	\$25,353	\$77,306	\$9,663	\$9,663	\$0	\$236,935
County Service Fee:							
TPO	\$8,764	\$1,933	\$5,894	\$737	\$737	\$0	\$18,065
Consultant:							
	\$409,650	\$90,350	\$0	\$0	\$0	\$0	\$500,000
	\$533,364	\$117,636	\$83,200	\$10,400	\$10,400	\$0	\$755,000

*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 SMART MOVES PROGRAM

PURPOSE:

The SMART Moves Program will be used by the TPO to prioritize and program planning studies in Miami-Dade that will support the delivery of projects including complete streets, first/last mile connections, connected and autonomous vehicles and other priority projects that enhance connectivity, accessibility, and integration of the entire network. The program has two main components:

- **5.2.1) Municipal Program:** Encourage Miami-Dade County municipalities to participate in a competitive program for the implementation of relevant **transportation planning studies and plans** that will lead to improved mobility, safety, and accessibility.
- **5.2.2) Public Input:** To solicit **transportation planning ideas from the general public and other agencies** that will promote mobility, safety and accessibility.

REQUIRED ACTIVITIES:

- Miami-Dade TPO will provide agencies and the public technical or coordination assistance.
- The SMART Moves program promotes the implementation of transportation ideas stressing community-based methods and cost-effective solutions.
- Progress reports required before any reimbursements can be approved.
- A formal presentation of the end-product and findings of the study before the appropriate committee.

PREVIOUS WORK AND ACCOMPLISHMENTS:

Municipal Grant Program

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

ELEMENT 5: SPECIAL PROJECT PLANNING

Call for Ideas

Title of the Study	Status
Protected Bike Lanes for Miami-Dade County	Completed
Aging Road Users Strategic Safety Plan	Completed
Bicycle/Pedestrian Data Collection	Completed
Connecting the Highway Network Missing Links	Completed
Impact of the Future Technology in the 2045 LRTP	Completed
First/Last Mile with High Trip Generator Employers	Completed
Transportation and Land Use Visioning in Miami-Dade County	Cancelled
Flagler Trail Master Plan	On-Going
Vision Zero Plan	Completed

END PRODUCTS:

Recommended projects from municipal partners selected from the competitive process include the following awarded amounts:

- City of Coral Gables Road Network Level of Stress Assessment \$80,000: To ascertain the level of pedestrian and cycling comfort of Coral Gables' streets using visual preference surveys and corridor data collection. The study will be used to inform future CIP funding priorities and capital transportation projects to make streets safer for vulnerable roadway users. The study can also be used by regional transportation and planning agencies in assessing potential pedestrian/bicycle project opportunities in Coral Gables. The proposed stress assessment study will support the bike plan through assessing the more qualitative aspects of our current and future bike network while also providing valuable pedestrian safety assessments. Measuring the comfort and experience of cycling instead of just designating a line on a map will help create a safer network which attracts riders of all ages and abilities.
- Town of Cutler Bay Cutler Bay Mobility Hubs Plan \$50,000: The Study will provide the community with a comprehensive system of mobility hubs connecting to the South Dade Transitway and Cutler Bay Town Center. While the existing South Dade SMART Plan is focusing on transit and land use within the ¼ - ½ mile buffer of the transitway, this plan will focus on populations and jobs within the entire Town. The plan will improve connectivity, mobility and safety for pedestrians, bicyclists, and transit users by identifying locations for community level mobility hubs along the Town's roadway network. Once locations have been identified, the appropriate scale of transportation infrastructure and amenities to facilitate usage of the hubs will be recommended through conceptual design and visualizations. The plan will include an assessment of the Town's existing circulator and bus system and propose recommendations to improve the Town's overall transit performance. Finally, the plan will assess land use surrounding the proposed hubs and recommendations will be made as to transit oriented development.
- City of Doral Trolley / SMART Plan Coordination Study \$50,000: The study limits for this project is the entire City of Doral and extends to the Palmetto Metrorail Station, the Dolphin Park-and-Ride, and Florida International University. The main intent of the study is to provide a strategic guide for improving the Doral Transit System (DTS) in the City of Doral over the next 10 years. The main purpose of this study is to analyze and evaluate the existing Doral Transit

ELEMENT 5: SPECIAL PROJECT PLANNING

System and to make recommendations for modifications, improvements, and expansions in order to reduce congestion and dependence on motor-vehicle use, support transit, pedestrian, and bicycle use, and better serve the community. The objective of the Doral Trolley / SMART Plan Coordination Study is to make recommendations that will take the Doral Transit System to the next level of service and convenience. Some of the improvements that will be analyzed include transit hubs, possible shorter routes, express routes, and future connection opportunities with the transit service provided by Miami-Dade County Department of Transportation and Public Works, including potential future SMART Plan corridors (East-West Corridor, Flagler Corridor, NW Miami-Dade Express, Florida's Turnpike Express).

- City of Miami Beach Miami Beach Convention Center Pedestrian, Bicycle, and Transit Safety and Connectivity Project \$60,000: Conduct a Feasibility Study that will evaluate ways to improve pedestrian, bicycle, and transit safety and connectivity in the area of the Miami Beach Convention Center. The global project objectives are to develop a safe, complete, and accessible multi-user bicycle and pedestrian network in the area and to promote non-motorized transportation as a reliable mode of travel at this important location within the City.
- Town of Miami Lakes Miami Lakes Smart Mobility and Future Technology Transportation Study \$40,000: The study incorporates the evaluation of existing and future technologies that will impact and transform transportation in Miami Lakes through the integration of diverse future technologies to support connected and autonomous transportation, traffic control and management, adaptive signalization, traveler data, pedestrian and bicycle safety, smart parking, energy efficient transportation technologies, and potential funding mechanisms to sustain a cost-effective future transportation network Town-wide.
- Village of Palmetto Bay SMART Mobility Hubs and Transit Infrastructure Plan \$80,000: Provide the community with a comprehensive network of mobility hubs connecting the community to the South Dade Transitway. While the existing South Dade SMART Plan is focusing on transit and land use within the 1/4-1/2 mile buffer of the transitway, this plan will focus on populations and jobs in the entire Village. The plan will improve mobility and safety for pedestrians, bicycles and transit users by strengthening connectivity and accessibility by identifying locations for community-level mobility hubs. The plan will link these hubs to the village's circulator system. Once locations have been identified, the appropriate scale of transportation infrastructure and amenities to facilitate usage of the hubs will be recommended through conceptual design and visualizations. Through the plan a detailed assessment of the circulator will be conducted with recommendations proposed for additional infrastructure and alternative technologies to improve the circulator's efficiency and performance. Finally, recommendations will be evaluated and prioritized. A review of funding will be undertaken.
- City of Sunny Isles Beach 174th Street Pedestrian Bridge Planning Study \$30,000: The ultimate goal is to construct pedestrian bridges in order to provide an alternative, safe route for pedestrians to travel across Collins Avenue. The project locations for constructing pedestrian bridges are 16700 Collins Avenue, 17400 Collins Avenue, and 18090 Collins Avenue. These pedestrian bridges will cross Collins Avenue in the areas that have the highest pedestrian volumes in the City. Pedestrian counts at these intersections average between 400-500 pedestrians per day. The Planning Study will. The project locations for constructing pedestrian bridges are 16700 Collins Avenue, 17400 Collins Avenue, and 18090 Collins Avenue. These pedestrian bridges will cross Collins Avenue in the areas that have the highest pedestrian volumes in the City. Pedestrian counts at these intersections average between 400-500 pedestrians per day.

ELEMENT 5: SPECIAL PROJECT PLANNING

- City of West Miami City Wide Traffic Study \$40,000: The goal is to perform an engineering traffic study to determine the impact that 22 traffic calmers, installed over the last several years, are having on traffic in the city as well as to develop a comprehensive traffic calming plan for the city. This study is important because it will identify areas where traffic flow and pedestrian safety improvements are required, in order to create safe streets to walk, bike or drive. The city has population has grown about 25% in the last 10 years and increased traffic from new developments and from adjacent communities is having a noticeable impact on traffic. Additionally, a benefit would be to identify major collector roads that are being impacted by people avoiding traffic calming devices and taking local roads instead of major arterials. Another benefit is that it would be providing traffic calming and to determine if initial calming devices were effective and if others are needed.

Additionally, requests from citizens include the following study:

- Citizen Request - Downtown Miami SMART Corridor Hub Traffic Circulation and Connectivity Study \$120,000: First mile-last mile critical connections. Access into and circulation around Downtown will be essential to the success of any and all SMART corridors. Knowing the origins and destinations of travelers currently using their vehicles will allow the TPO, the Miami DDA, and other partner agencies to target improvements for accessibility to existing and future transit and destinations.

In addition, the following studies are on-going and will be completed during FY 2019:

- Flagler Trail Master Plan \$80,000: To be completed the second quarter of FY 2019.

PROJECT MANAGER:

Lisa Colmenares, AICP

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization (lead agency)
Selected Municipalities

WORK SCHEDULE:

The SMART Moves Program has the following start and end dates:

Fiscal Year	2019	2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

Individual scope of services with milestones and schedules to measure progress will be included once the Portfolio of Projects is selected.

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$152,251	\$33,581	\$66,899	\$8,362	\$8,362		\$269,455
County Service Fee:							
TPO	\$11,609	\$2,559	\$5,101	\$638	\$638		\$20,545
Consultant:							
	\$516,159	\$113,841	\$0	\$0	\$0		\$630,000
	\$680,019	\$149,981	\$72,000	\$9,000	\$9,000	\$0	\$920,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$79,931	\$17,629	\$148,665	\$18,583	\$18,583	\$0	\$283,391
County Service Fee:							
TPO	\$6,094	\$1,346	\$11,335	\$1,417	\$1,417	\$0	\$21,609
Consultant:							
	\$191,716	\$42,284	\$0	\$0	\$0		\$234,000
	\$277,741	\$61,259	\$160,000	\$20,000	\$20,000	\$0	\$539,000

*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 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 Transportation Planning Organization (TPO) in associated technical and policy activities for each of the six (6) rapid transit corridors identified in the SMART Plan.

REQUIRED ACTIVITIES:

This task includes the development of supporting activities that will be identified as needed during the development of this plan. Once the supporting effort is determined, a Scope of Work (SOW) will be developed, with the appropriate budget and funding sources. The TPO 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:

Land-Use Visioning and Economic Mobility Development

1. Develop visioning plans integrating transportation and land use scenarios. The MPO in conjunction with ESRI, and the Information Technology Department (ITD) and Regulatory and Economic Resources (RER) are upgrading the County GIS System from 2D to 3D. This application will be used in the evaluation and visualization of different land use scenarios for each corridor.
2. Develop transit corridor and economic mobility master plans with specific emphasis on multi-modal first and last mile connectivity, transit hubs, parking demand and other opportunities.
3. Assessment of economic mobility development through a market demand analysis which may evaluate to the creation of new Central Business Districts or Economic Development Zones. Commercial activities and other applicable economic development plans to be accessed in a corridor by corridor basis and system-wide.
4. Assess economic mobility growth scenarios with value capture initiatives and potential revenue management.
5. Assessment of Transit Oriented Development (TOD) along SMART Plan corridors including potential opportunities provided by existing county/local ordinances (i.e. Rapid Transit Zones).
6. Assessment of Land Use Scenarios for existing and future conditions to reinforce the future rapid transit system.

Travel Demand

The work required for this task will include but not limited to:

1. Development/review of system-wide ridership forecast using the Federal Transit Administration (FTA) Simplified Trips on Project Software (STOPS) models. Efforts conducted in this task will not duplicate the work done in the development of the PD&Es.
2. Develop system-wide ridership forecast to evaluate the integration and connectivity among the six (6) SMART corridors, as requested by the FTA.

ELEMENT 5: SPECIAL PROJECT PLANNING

System Development

The work required for this task will include but not limited to:

1. Performance measures: Develop performance measures and significant trends including those utilized by the Federal Transit Administration's Capital Investment Grant Program.
2. Cost estimation: Prepare systems wide capital, construction, operation and maintenances cost for the corridors.
3. Assess current laws, policies and ordinances and modifications needed to implement the SMART corridors.
4. Evaluate the interrelationship between each corridor in the SMART Plan: Assess short, medium and long-term opportunities to enhance system connections to a more fully integrated system.
5. The SMART Plan corridors shall support the economic development activities of the County including major events.
6. Develop a Program Management Plan (PMP) for the implementation of each corridor on the SMART Plan. Evaluate roles and responsibilities for the implementation of the SMART Plan corridors.

Transit Development

The work required for this task will include but not limited to:

- a. Transit Hub: Development of plans for major transit facilities to create new urban centers along the SMART Plan corridors.
- b. Develop First and Last Mile options plus feeder network to improve mobility and accessibility to the SMART corridors.
- c. Use of project visualization techniques to enhance the results of proposed plans.
- d. Technical Presentations: Prepare and provide presentations related to the SMART Plan to the MPO governing board and its committees, municipalities, partner agencies and community groups.

Public Engagement and Outreach Activities

The work required for this task will include but not limited to:

1. Conduct public charrettes
2. Development and Management of Public Information Plan for the SMART Plan
3. Produce written and/or digital products to support the outreach activities

Funding/Financial

The work required for this task will include but not limited to:

1. Develop financial strategies and mechanisms for the implementation of the SMART Plan for corridor implementation including but not limited to:
 - a. Tax increment financing (TIF)
 - b. Special assessments districts (SAD)
 - c. Federal capital investment grant programs
 - d. Public-Private-Partnership (P3)
 - e. State and local funding
 - f. Additional tax revenues from land-use scenarios
2. Develop a strategic implementation plan to provide a road map for the advancement of financially sustainable SMART Plan corridors.
3. Development of a Financial/Capital Plan to provide prioritization and management of funds and revenues to support implementation, operation and maintenance of the SMART Plan, and continue growth of the transit network as a sustainable system.

ELEMENT 5: SPECIAL PROJECT PLANNING

PREVIOUS WORK AND ACCOMPLISHMENTS:

On February 18, 2016, the TPO 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.

The SMART Plan consists of two (2) components: the development of six (6) rapid transit corridors and the implementation of a bus express rapid transit (BERT) network along major highways.

- Rapid Transit Corridors
 - ✓ Beach Corridor
 - ✓ East-West Corridor
 - ✓ Kendall Corridor
 - ✓ North Corridor
 - ✓ Northeast Corridor
 - ✓ South Dade Transitway

- Bus Express Rapid Transit Network
 - ✓ Flagler Corridor
 - ✓ S. Miami-Dade Express
 - ✓ NW Miami-Dade Express
 - ✓ SW Miami-Dade Express
 - ✓ Florida's Turnpike Express (South)
 - ✓ Florida's Turnpike Express (North)
 - ✓ Beach Express North
 - ✓ Beach Express Central
 - ✓ Beach Express South

END PRODUCTS:

- Supportive land uses for each of the six (6) SMART Plan Rapid Transit Corridors.
- A Charrete Report including the results from the two series of charettes to be conducted along each SMART Corridor.
- Implementation Plan which includes:
 - Recommendations on land use policy regulations changes for the corridor that address the community overall vision, goals, and objectives while supporting the transit in each SMART Plan Corridor.
 - Findings on the impacts of the Land Use Scenarios to be viable rapid transit alternatives as identified in the corridor studies being led by the FDOT and DTPW, and the comprehensive plans at county and municipal levels.
- Corridor visualization products for each SMART Plan Corridor.
- Results from the economic mobility market demand analysis, value capture techniques, potential future transit oriented development locations, stations/transit stops and mobility and first and last mile options.
- SMART Plan Corridor Economic Development Plan.
- Financial/funding plan for the SMART Corridors.

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

PROJECT MANAGER:

Wilson Fernandez, TPO

PARTICIPATING AGENCIES:

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

WORK SCHEDULE:

Start Date: July 2018
End Date: June 2020

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$183,463	\$40,464	\$241,580	\$30,198	\$30,198	\$0	\$525,902
County Service Fee:							
TPO	\$13,988	\$3,085	\$18,420	\$2,302	\$2,302		\$40,098
Consultant:							
FY 2019	\$0	\$0	\$0	\$0	\$0	\$467,360	\$467,360
	\$197,451	\$43,549	\$260,000	\$32,500	\$32,500	\$467,360	\$1,033,360

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$0	\$0	\$74,332	\$9,292	\$9,292	\$0	\$92,916
County Service Fee:							
TPO	\$0	\$0	\$5,668	\$708	\$708	\$0	\$7,084
Consultant:							
FY 2018 (Deobligation)	\$0	\$0	\$0	\$0	\$0	\$2,287,640	\$2,287,640
FY 2017(Deobligation)	\$0	\$0	\$0	\$0	\$0	\$1,491,252	\$1,491,252
	\$0	\$0	\$80,000	\$10,000	\$10,000	\$3,778,892	\$3,878,892

*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 *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 placed 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 State Transportation Trust Fund 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, identifying inland cargo sites, 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 TPO transportation planning process.

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 TPO Board members. FTAC averages 11 meetings per year.
- Coordinate with freight related issues and concerns for FDOT, Florida Turnpike Enterprise 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 Multimodal 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.

ELEMENT 5: SPECIAL PROJECT PLANNING

- Follow the developments of PortMiami and Miami International Airport on the determination of their Inland Cargo Terminals.
- 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 TPO travel data and analysis procedures.
- Support obtaining Marine Highway Designation for the Miami River Port.
- Support obtaining National Highway Freight Program designation for US 27 and other major roadways in Miami-Dade County.
- Work with FDOT District 6 on its Sub-Area Freight Planning Efforts
 - Medley Freight Plan
 - Opa-Locka Freight Implementation Plan
 - Miami River Freight Improvement Plan
 - Doral Freight Improvement Plan
 - Miami Gardens Freight Improvement Plan (2017-18)
 - Hialeah Freight Improvement Plan (2018-19)
 - Homestead Freight Improvement Plan (2019-20)
 - Freight Village Analysis Study (Countywide) (2020-21)
- The TPO will establish performance measure targets for freight movement on the Interstate System as part of the System Performance Measures (due November 16, 2018).

ELEMENT 5: SPECIAL PROJECT PLANNING

EMERGING AND FUTURE TECHNOLOGIES:

- Observe and track emerging technologies and their impact on the freight landscape for impact on LRTP and potential project development
 - o Cargo airships
 - o Autonomous trucking
 - o Truck platooning
 - o On-demand truck sharing
 - o Load tracking for safety and security
- Warehousing
 - o Air Conditioned (Pharmaceutical, Perishables)
 - o Computerized merchandise movement

PREVIOUS WORK AND ACCOMPLISHMENTS:

- Continued assistance to the TPO Board in administering the FTAC, which continues to make contributions to transportation discussions as they relate to the movement of freight and goods.
- Actively participated on the development of the Miami-Dade County, Regional, and Statewide Freight Plans.
- Continued supporting of: truck parking facility, access to the HEFT from NW 25th Street, Gragny Expressway Extension, National Highway Freight Network designation of US 27 from I-75 in Broward County to Hialeah Yard in Miami-Dade as a Critical Urban/Rural Freight Corridor,, transshipments and cold treatment shipments, SR-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 PortMiami 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 PortMiami and Miami International Airport Master Plans
- Freight elements in the previous LRTP and TIP.
- Cargo Safety Seminars
 - a. Air Cargo
 - b. Ocean Freight

END PRODUCTS:

- 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.
- Florida Aviation System Plan 2035

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

- Determination of site(s) for Truck Travel Center
- Fulfillment and Operations Center

PROJECT MANAGER:

Kevin Walford (FTAC Coordinator)

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization (lead agency)

Florida Department of Transportation - District Six

Florida Turnpike Enterprise

Miami-Dade Aviation Department

Miami-Dade Department of Transportation and Public Works

Miami-Dade Expressway Authority

PortMiami

WORK SCHEDULE:

This work item is a program of continuing planning activities.

Start Date: July 1, 2018

End Date: June 30, 2020

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$91,351	\$20,148	\$0	\$0	\$0		\$111,499
County Service Fee:							
TPO	\$6,965	\$1,536	\$0	\$0	\$0		\$8,501
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$98,316	\$21,684	\$0	\$0	\$0	\$0	\$120,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$95,919	\$21,155	\$0	\$0	\$0		\$117,074
County Service Fee:							
TPO	\$7,313	\$1,613	\$0	\$0	\$0		\$8,926
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$103,232	\$22,768	\$0	\$0	\$0	\$0	\$126,000

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

5.5 TRANSIT CORRIDOR PLANNING

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

- Review updates to the DTPW and SFRTA's Transit Development Plans.
- Compile and prepare status report for all transit corridors identified in Long Range Transportation Plan and the Strategic Miami Area Rapid Transit (SMART) Plan Corridors.
- 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 TPO Governing Board's Transportation and Mobility Committee.
- Attend transit planning training workshops.
- Participate and provide technical support on the SMART Plan Corridors Project Development and Environment activities related to the following:

1. Rapid Transit Corridors
 - a. Beach Corridor
 - b. East-West Corridor
 - c. Kendall Corridor
 - d. North Corridor
 - e. Northeast Corridor
 - f. South Dade Transitway
2. Bus Express Rapid Transit (BERT) Network
 - a. Flagler Corridor
 - b. S. Miami-Dade Express
 - c. NW Miami-Dade Express
 - d. SW Miami-Dade Express
 - e. Florida's Turnpike Express (South)
 - f. Florida's Turnpike Express (North)
 - g. Beach Express North
 - h. Beach Express Central
 - i. Beach Express South



ELEMENT 5: SPECIAL PROJECT PLANNING

PREVIOUS WORK AND ACCOMPLISHMENTS:

The Miami-Dade TPO has recently provided support for numerous transit corridor planning efforts, including:

- Tri-Rail Coastal Link Service
- Evaluation of Multimodal Mobility Options in the South Miami Area (2017)
- First Mile – Last Mile Options with High Trip Generator Employers (2017)
- SMART Plan Corridors and BERT Networks activities as follows:
 - o Participated in inter-agency meetings in support of the SMART Plan coordination
 - o Participated in the Transit Oversight Committee meetings at FDOT and DTPW for the Premium Transit and SMART Plan corridors Project Development and Environmental (PD&E) studies.
 - o Presented the SMART Plan at the Coral Gables Chamber of Commerce and the Downtown Development Authority's Transit Subcommittee.
 - o Participated in the Miami Beach's Modern Streetcar/Light Rail Transit Environmental Review coordination meetings.
 - o Participated in the agency and public kick-off meetings for SR 968/Flagler Street Premium Transit Corridor.
 - o Participated in the agency and public kick-off meetings for SR 817/NW 27 Avenue Premium Transit Corridor.
 - o Participated in the agency and public kick-off meetings for SR 94/SW 88 Street/Kendall Drive Premium Transit Corridor.
 - o Participated in the public workshops for the SR 968/Flagler Street Premium Transit Corridor.
 - o Reviewed and provided comments on the collateral material prepared for the SR 817/NW 27 Avenue, SR 94/SW 88 Street/Kendall Drive, and SR 968/Flagler Street Premium Transit Corridors.
 - o Participated in the public workshops for the SR 817/NW 27 Avenue Premium Transit Corridor.
 - o Participated in the SR 968/Flagler Street Premium Transit Corridor Station/Stop Architecture Meeting.
 - o Participated in the SR 968/Flagler Street Premium Transit Corridor Project Advisory Committee Meetings.
 - o Participated in SMART Plan Presentation - DDA's Transit, Connectivity and Mobility Committee meeting.
 - o Participated in the SR 94/SW 88 Street/Kendall Drive Premium Transit Corridor Project Advisory Committee Meetings.
 - o Participated in the SR 968/Flagler Street Premium Transit Corridor Viable Alternatives Meeting.
 - o Participated in the public workshops for the SR 94/SW 88 Street/Kendall Drive Premium Transit Corridor.
 - o Participated in SR 817/NW 27 Avenue Premium Transit Corridor Project Advisory Committee meetings.
 - o Participated in the South Corridor RTP presentations to the Village of Palmetto Bay Council, Village of Pinecrest, and Town of Cutler Bay
 - o Participated on DTPW Beach Corridor Project agency and public kick-off meetings for the Premium Transit and SMART Plan corridor PD&E Study

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT 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 TPO's Transportation and Mobility Committee.
- Identification of items and issues affecting the TPO's Transportation and Mobility Committee.

PROJECT MANAGER:

Maria Teresita Vilches-Landa, P.E.

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization

WORK SCHEDULE:

This is a continuing activity with the following schedule:

Fiscal Year	2019	2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$0	\$0	\$22,301	\$2,787	\$2,787		\$27,875
County Service Fee:							
TPO	\$0	\$0	\$1,699	\$213	\$213		\$2,125
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$24,000	\$3,000	\$3,000	\$0	\$30,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$0	\$0	\$23,787	\$2,973	\$2,973		\$29,733
County Service Fee:							
TPO	\$0	\$0	\$1,813	\$227	\$227		\$2,267
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$0	\$0	\$25,600	\$3,200	\$3,200	\$0	\$32,000

*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:

5.6 *COMPLETE STREETS*

PURPOSE:

- Remove barriers and improve access to practical destinations for people who are walking or riding a bicycle
- Create first and last-mile connections to existing and future SMART Plan corridors
- Coordinate with other public and private agencies to plan and implement bicycle and pedestrian projects and programs
- Monitor levels of walking and bicycling activity
- Solicit public input through the Bicycle/Pedestrian Advisory Committee
- Host the 2019 Safe Streets Summit
- Bring the County into ADA Compliance, by removing barriers to provide access to public facilities.

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 2020 and 2021 Transportation Improvement Programs.
- Support the achievement of the FDOT performance measure targets for safety.

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, 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.

Safe Street Summit

- Plan and host the 2019 Safe Street Summit event

ELEMENT 5: SPECIAL PROJECT PLANNING

American with Disabilities Act (ADA)

- 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.
- Follow up construction process to final product.

PREVIOUS WORK AND ACCOMPLISHMENTS:

- **Project Development:** Planning studies that are underway or recently completed include: Safe Routes to School Infrastructure Plan-2017, Miami Lakes Complete Streets Guidelines, Aging Road Users Strategic Safety Plan, Waterborne Transportation Study between Black Point Marina and Downtown Miami, Flagler Trail Master Plan, Vision Zero Plan. Coordinated MPO prioritization of the 2017 Transportation Alternatives Program application cycle.
- **Public Involvement:** Held 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:** Conducted bicycle/pedestrian traffic counts at 45 locations, monitored two permanent trail counters (M-Path and Snake Creek Trail).
- **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.
- **Safe Streets Summit:** Participated in the planning of the annual Safe Streets Summit with the Broward MPO and Palm Beach TPA.
- **American with Disabilities Act (ADA) required infrastructure improvements:** a) Continue plans for review for consultants, and municipal joint participating agreements as well as permitting electronic system; b) Develop cost estimates for needed sidewalks and ramps improvements, seek funding sources, and prepare estimates for its construction, in accordance with ADA adopted guidelines; c) Follow up construction process to final product; d) Provided final inspections on completed sidewalks, ramps and connector improvements listed in the "Safe Routes to School Program".

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 TPO solicitation and review of projects through the Transportation Alternatives Program.

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

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 2019 and 2020)

Bicycle/Pedestrian Data Collection: Identify non-motorized usage trends, project impacts and needs through collection of bicycle and pedestrian counts.

2019 Safe Streets Summit

American with Disabilities Act (ADA)

Prioritized construction work orders for infrastructure sidewalks and pedestrian ramp improvements to county maintained roadways for compliance with ADA compliance. (June 2019 and June 2020)

PROJECT MANAGER:

Kevin Walford
Raul Rios (DTPW for ADA Tasks)

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization (Lead 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:

This is a continuing activity with the following schedule:

Fiscal Year	2019	2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 5: SPECIAL PROJECT PLANNING

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$114,189	\$25,185	\$37,166	\$4,646	\$4,646		\$185,832
County Service Fee:							
TPO	\$8,706	\$1,920	\$2,834	\$354	\$354		\$14,168
Other Departments:							
DTPW	\$24,579	\$5,421					\$30,000
Consultant:							
	\$49,158	\$10,842	\$0	\$0	\$0		\$60,000
	\$196,632	\$43,368	\$40,000	\$5,000	\$5,000	\$0	\$290,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$121,801	\$26,864	\$37,166	\$4,646	\$4,646	\$0	\$195,123
County Service Fee:							
TPO	\$9,287	\$2,048	\$2,834	\$354	\$354	\$0	\$14,877
Other Departments:							
DTPW	\$24,579	\$5,421	\$0	\$0	\$0		\$30,000
Consultant:							
	\$49,158	\$10,842	\$0	\$0	\$0		\$60,000
	\$204,825	\$45,175	\$40,000	\$5,000	\$5,000	\$0	\$300,000

*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:

5.7 *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.

REQUIRED ACTIVITIES:

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

TASK 1: Jointly develop and annually update the Transportation Disadvantaged Service Plan (TDSP) with the Community Transportation Coordinator (CTC) and the Local Coordinating Board (LCB).

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.

ELEMENT 5: SPECIAL PROJECT PLANNING

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.

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.

PREVIOUS WORK AND ACCOMPLISHMENTS:

- Coordinated and held the required Miami-Dade County Transportation Disadvantaged LCB meetings. Produced agendas, minutes, membership rosters, attendance reports, public notice of meetings, and training announcements.
- Completed annual updates of the TDSP.
- Held Public Hearings through the LCB. Produced the agenda and minutes for the meeting.
- Completed evaluations of the local CTC, which is Miami-Dade Department of Transportation and Public Works (DTPW) on behalf of the Miami-Dade County Board of County Commissioners (BCC).
- 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.

ELEMENT 5: SPECIAL PROJECT PLANNING

- 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.

END PRODUCTS:

- Coordinate and hold the Miami-Dade County LCB quarterly meetings
- Hold an annual Public Hearing (June 2019 and 2020)
- Review and approve contractors' CFA (December 2019 and 2020)
- Develop and update the Transportation Disadvantaged Service Plan (TDSP) (June 2019 and 2020)
- Evaluate the CTC (March 2019 and 2020)
- Develop By-Laws for the LCB's approval (September 2019 and 2020)
- Develop Grievance Procedures for the LCB's approval (September 2019 and 2020)
- Develop the AOR for submittal to the LCB (September 2019 and 2020)
- Develop the AER for submittal to the LCB (September 2019 and 2020)
- Produce Quarterly Progress Reports
- Attend CTD training workshops/meetings as required

PROJECT MANAGER:

Jeannine Gaslonde, Miami-Dade TPO (FY 2019 & 2020)

Elizabeth Rockwell, Miami-Dade TPO (FY 2019)

PARTICIPATING AGENCIES:

Miami-Dade Metropolitan Planning Organization (primary agency)

Miami-Dade Department of Transportation and Public Works (as the CTC)

WORK SCHEDULE:

This is a continuing activity with the following schedule:

Fiscal Year	2019	2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM**ELEMENT 5: SPECIAL PROJECT PLANNING****FUNDING:****Year 1 - FY 2018/19**

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$0	\$0	\$0	\$0	\$0	\$69,687	\$69,687
County Service Fee:							
TPO	\$0	\$0	\$0	\$0	\$0	\$5,313	\$5,313
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
FY 2016 Carryover			\$0	\$0	\$0		\$0
	\$0	\$0	\$0	\$0	\$0	\$75,000	\$75,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$0	\$0	\$0	\$0	\$0	\$69,687	\$69,687
County Service Fee:							
TPO	\$0	\$0	\$0	\$0	\$0	\$5,313	\$5,313
Consultant:							
	\$0	\$0	\$0	\$0	\$0		\$0
	\$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.

UPWP WORK ELEMENT 6

REGIONAL PLANNING

This section is intended for activities that support the regional transportation process. This section includes descriptions of the planning tasks the TPO plans to conduct in coordination with regional partners, and multijurisdictional coordination for the Miami Urbanized Area including the Broward MPO, Palm Beach TPA, the Department of Transportation, and South Florida Regional Transportation Authority.

Tasks included in this element are listed below:

- Task 6.1 2045 Regional Transportation Plan and Support
- Task 6.2 Urban Modeling and Forecasting/SERPM Development

ELEMENT 6: REGIONAL PLANNING

TASK NUMBER AND TITLE:

6.1 2045 REGIONAL TRANSPORTATION PLAN AND 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 2045 Regional Transportation Plan and 2045 LRTP.

REQUIRED ACTIVITIES:

The Regional Transportation Plan 2045 is being led by Broward MPO (see Task 3.2 of Broward MPO FY 2019 & 2020 Unified Planning Work Program) for a detail of the required activities completed by the lead agency.

The following are activities to be completed by the Miami-Dade TPO to complete the regional planning tasks in support of the Regional Transportation Plan 2045.

- The MPOs will provide administrative and technical support for activities associated with the following regional bodies:
 - o Southeast Florida Transportation Council (SEFTC)
 - o Regional Transportation Technical Advisory Committee (RTTAC)
 - o RTTAC Public Participation Subcommittee
 - o RTTAC Transportation System, Management and Operations (TSM&O) Subcommittee
- 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 in coordination with regional partners.
- Conduct a multimodal regional needs assessment.
- Support regional performance measure evaluation and work with regional partners to collect performance data, and report performance targets for the region
- 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 including regional projects, and updates to regional and statewide plans such as the Florida Transportation Plan (FTP) and Strategic Intermodal Systems (SIS) Plan.
- Review and recommend TRIP priorities for adoption by the SEFTC and transmittal to FDOT.

ELEMENT 6: REGIONAL PLANNING

- 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.
- Participate in the South Florida Regional Transportation Authority (SFRTA) Planning Technical Advisory Committee (PTAC) meetings and work cooperatively on regional transportation plans.
- Work with South Florida Regional Planning Council (SFRPC) on regional issues in Monroe, Miami-Dade and Broward Counties.

PREVIOUS WORK AND ACCOMPLISHMENTS:

- Continued regional transportation planning decision-making efforts through various bodies, such as the:
 - Southeast Florida Transportation Council (SEFTC),
 - Regional Transportation Technical Advisory Committee (RTTAC),
 - RTTAC Modeling Subcommittee
 - RTTAC Public Participation Subcommittee
 - RTTAC Transportation System Management and Operations (TSM&O) Subcommittee.
- Adopted 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
 - Regional Freight Plan
- Yearly preparation of the Transportation Regional Incentive Program (TRIP) project prioritization lists
- Southeast Florida Clean Cities' *Clean Times* newsletter articles

END PRODUCTS:

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

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 6: REGIONAL PLANNING

PROJECT MANAGERS:

Tewari Edmonson, Miami-Dade TPO
Isabel Cosio-Carballo, SFRPC

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization
South Florida Regional Planning Council
Treasure Coast Regional Planning Council
Broward Metropolitan Planning Organization
Palm Beach Transportation Planning Agency
Florida Department of Transportation Districts Four and Six
South Florida Regional Transportation Authority
Miami-Dade Expressway Authority
Miami Dade Department of Transportation and Public Works
Broward County Transit
PalmTran

WORK SCHEDULE:

This is a continuing activity with the following schedule:

Fiscal Year	2019	2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

FUNDING: The Regional Transportation Plan is a multi-year effort, FY 2019 and FY 2020 represent years 2 and 3. The tables below include Miami-Dade TPO's match. \$200,000 in PL Funds will be transferred directly to the Broward MPO, including \$100,000 in FY 2019 and \$100,000 in in FY 2020 to the regional project, for a three-year total contribution of \$300,000. These \$200,000 are shown for illustrative purposes, as these dollars do not impact the current UPWP Funding Tables.

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$72,319	\$15,951	\$66,899	\$8,362	\$8,362		\$171,893
County Service Fee:							
TPO	\$5,514	\$1,216	\$5,101	\$638	\$638		\$13,107
Consultant:							
	\$20,482	\$4,518	\$0	\$0	\$0		\$25,000
	\$98,315	\$21,685	\$72,000	\$9,000	\$9,000	\$0	\$210,000

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 6: REGIONAL PLANNING

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$117,234	\$25,856	\$29,733	\$3,717	\$3,717		\$180,257
County Service Fee:							
TPO	\$8,939	\$1,971	\$2,267	\$283	\$283		\$13,743
Consultant:							
	\$20,482	\$4,518	\$0	\$0	\$0		\$25,000
	\$146,655	\$32,345	\$32,000	\$4,000	\$4,000	\$0	\$219,000

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

Year 1 - FY 2018/19

TRANSFERS TO OTHER AGENCIES							
Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	PL Funds Transfer	Totals
To Broward MPO for Regional LRTP						\$100,000	
	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000

Year 2 -FY 2019/20

TRANSFERS TO OTHER AGENCIES							
Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	PL Funds Transfer	Totals
To Broward MPO for Regional LRTP						\$100,000	
	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000

ELEMENT 6: REGIONAL PLANNING

TASK NUMBER AND TITLE:

6.2 URBAN MODELING AND FORECASTING/ 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. Travel Demand forecasting includes the update and maintenance of the Miami-Dade County elements of the Southeast Regional Planning Model (SERPM 8.0) and any subsequent versions in support of the transportation planning process.

REQUIRED ACTIVITIES:

The work tasks related to the development of the SERPM 8.0 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. Additional forecasting and urban modeling support activities will be performed by the Miami Dade TPO, which include the following:

- 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:
 - o 2015 Base Year
 - o 2045 Existing + Committed
 - o 2045 Needs Plan
 - o 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.
- Analyze future trends utilizing the added features and capabilities of the SERPM.
- 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.
- 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).

ELEMENT 6: REGIONAL PLANNING

- Provide model support for other planning projects.
- Set up communication to FDOT servers to perform remote SERPM activities.
- Update Traffic Analysis Districts (TADs) or Super-Districts for planning purposes, as needed.

PREVIOUS WORK AND ACCOMPLISHMENTS:

- Development of updates to the Southeast Regional Planning Model (SERPM) Version 7.0 to support local and RTP efforts.
- Training Workshops for the SERPM 7.0 and subsequent updates and applications.
- Coordination and regular updates of the Activity Based Model (ABM) for the Southeast Regional Planning Model (SERPM7.0) including the following elements:
 - o Updated Traffic Analysis Zones and Districts
 - o Created Micro Analysis Zonal structure for Miami-Dade County
 - o Model Calibration and Validation
 - o Preparation of Baseline, Existing + Committed and Needs networks
- Developed RTP Scope in coordination with regional partners.
- Developed scope for the development of the SERPM 8.0.
- Coordination and review of Household Travel Survey to support the development of the SERPM 8.0.

END PRODUCTS:

- Model Estimation and Design Report
- Model Calibration, Validation and Sensitivity Test Plan
- SERPM Calibration, Validation and Sensitivity Tests
- SERPM Model User Guide
- Training Workshops
- Update 2015 base year and 2045 Cost-Feasible transportation networks.
- In-house computer equipment to be able to perform SERPM 8.0 simulations and analyzes.
- Series of memos documenting model review comments, ridership and operational analyses.

PROJECT MANAGER:

Tewari Edmonson
Hui Zhao, FDOT District Four

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization
Broward Metropolitan Planning Organization
Palm Beach Transportation Planning Agency
Florida Department of Transportation Districts Six and Four

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM**ELEMENT 6: REGIONAL PLANNING****WORK SCHEDULE:**

This is a continuing activity with the following schedule:

Fiscal Year	2019	2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

FUNDING:**Year 1 - FY 2018/19**

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$45,675	\$10,073	\$37,166	\$4,646	\$4,646		\$102,206
County Service Fee:							
TPO	\$3,483	\$769	\$2,834	\$354	\$354		\$7,794
	\$49,158	\$10,842	\$40,000	\$5,000	\$5,000	\$0	\$110,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$49,482	\$10,913	\$37,166	\$4,646	\$4,646		\$106,853
County Service Fee:							
TPO	\$3,773	\$832	\$2,834	\$354	\$354		\$8,147
	\$53,255	\$11,745	\$40,000	\$5,000	\$5,000	\$0	\$115,000

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

UPWP WORK ELEMENT 7

PUBLIC PARTICIPATION

This section describes the tasks necessary to implement the TPO's public participation program to provide a process for providing interested parties reasonable opportunities to review and comment on TPO work products, including during the development of the TPO's UPWP, TIP and LRTP. Activities planned to be conducted to meet all federal regulations and executive orders that affect all public involvement are included in this section.

Tasks included in this element are listed below:

- Task 7.1 Citizen Advisory Committees
- Task 7.2 Public Involvement Program

ELEMENT 7: PUBLIC PARTICIPATION

TASK NUMBER AND TITLE:

7.1 *CITIZEN 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 5.4 and 5.6, 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.

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 TPO'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 TPO Board.
 - Respond to concerns of TARC members.
 - Perform administrative functions related to committee structure, rules, attendance, vacancies, etc.
 - Provide transportation announcements and other news of relevance to TARC members.
- Advise the TPO on aesthetic, urban design and functional aspects of transportation projects and their potential impacts on the community

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 7: PUBLIC PARTICIPATION

- 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.
- Provide an independent and broad-based monitoring of ongoing planning and implementation activities.

PREVIOUS WORK AND ACCOMPLISHMENTS:

Citizens' Transportation Advisory Committee (CTAC)

Task	Status
Hold and coordinate the required full committee meetings	Completed
Produce minutes and update attendance for each meeting	Completed
Adopted resolutions distributed to the TPC and TPO Governing Board and to the appropriate agencies for consideration and action	Completed
Election of the Chair and Vice Chair with new officers installed	Completed
Review and adoption of the By-Laws	Completed
Review the Transportation Improvement Program (TIP), Long Range Transportation Plan (LRTP), and Unified Planning Work Program (UPWP)	Completed

Transportation Aesthetics Review Committee (TARC)

Task	Status
Hold and coordinate the required full committee meetings	Completed
Produce minutes and update attendance for each meeting	Completed
Adopted resolutions distributed to the TPC and TPO Governing Board and to the appropriate agencies for consideration and action	Completed
Election of the Chair and Vice Chair with new officers installed	Completed
Review and adoption of the By-Laws	Completed
Review the transportation aesthetics for the presented projects by implementing transportation agencies	Completed

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 TPO process.
- PowerPoint slides showing projects reviewed by TARC.

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 7: PUBLIC PARTICIPATION

PROJECT MANAGER:

Paul Chance, CTAC
Oscar Camejo, TARC

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization (lead agency)
All Local Transportation Agencies

WORK SCHEDULE:

Both CTAC and TARC have the following start and end dates:

Fiscal Year	2019	2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

FUNDING:

Year 1 - FY 2018/19

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$114,189	\$25,185	\$111,499	\$13,937	\$13,937		\$278,747
County Service Fee:							
TPO	\$8,706	\$1,920	\$8,501	\$1,063	\$1,063		\$21,253
	\$122,895	\$27,105	\$120,000	\$15,000	\$15,000	\$0	\$300,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	CTD	Totals
Salaries and Fringes:							
TPO	\$125,608	\$27,703	\$111,499	\$13,937	\$13,937		\$292,684
County Service Fee:							
TPO	\$9,577	\$2,112	\$8,501	\$1,063	\$1,063		\$22,316
	\$135,185	\$29,815	\$120,000	\$15,000	\$15,000	\$0	\$315,000

*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 TPO 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).

REQUIRED ACTIVITIES:

Upon the request of the TPO Governing Board, or TPO 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 TPO, specific TPO policies or topic areas, or individual planning or development projects:

- Update the TPO's Public Participation Plan (PPP), when needed, to ensure any new legislative modifications are incorporated, and any changes in public involvement techniques are included.
- Produce and distribute an Annual Reports, which features updates on the TPO's activities and accomplishments for each respective year.
- 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. Staff has been given permission, by these centers, to attend their meetings, on a regular basis, 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 possible implementation.
- Continue utilizing Facebook, Twitter, YouTube, SlideShare, Instagram, and RSS to spread the word about what is occurring at the TPO following the policy located in Appendix E of the PPP.
- Continually update and maintain the TPO website for the end users benefit.
- Send out e-Newsletters to the TPO's email distribution list.
- Organize special events, meetings, and/or conferences related to the transportation planning process for the general public.
- 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 enables users 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 is 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

ELEMENT 7: PUBLIC PARTICIPATION

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 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 TPO's Public Involvement database. Each comment, concern, or question submitted to the Miami-Dade TPO is reviewed and followed up with correspondence 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 TPO 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 TPO Citizen Distribution List, receive applicable agency information via email.
- Collection of data as appropriate to prepare responses to questions regarding the annual FDOT/TPO certification process and monitor findings and address outstanding issues to ensure the TPO 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 TPO Executive Director. Once a request is made, appropriate coordination shall be established with the TPO, 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.

PREVIOUS WORK AND ACCOMPLISHMENTS:

Task	Status
Administrative update of the PPP to reflect agency name and pertinent information changes.	Completed
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.	Completed
Captured all comments from the general public in the main database, and responded accordingly with the assistance from the appropriate implementing transportation agency.	Completed
Disseminated e-Newsletters and Press Releases to the general public and media outlets regarding important TPO related events and activities.	Completed
Produced and distributed the Annual Reports, which featured updates on the TPO's activities and accomplishments for each respective year. They were mailed out to stakeholders, disseminated at the outreach events, and made available on the TPO website.	Completed
Continued work on the Transportation Outreach Planner with Florida International University (FIU).	Completed
Updated the TPO's website and social media accounts on a regular, if not daily basis.	Completed
Updated and distributed the TPO's Citizens Guide to Transportation booklet.	Completed
Developed a video for the SMART Plan.	Completed

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM

ELEMENT 7: PUBLIC PARTICIPATION

Provided staff support for applicable implementation activities for the SMART Plan.	Completed
Televised and webcast all TPO Governing Board meetings.	Completed
Advertised all required Public Hearings for the general public to attend and be part of the process.	Completed
Convened the Public Involvement Management Team (PIMT) consisting of the Public Involvement Managers (PIMs) from all local transportation agencies.	Completed
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.	Completed
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.	Completed
Ensured that the TPO'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.	Completed
Provided assistance to, and collaborated with various transportation planning related agencies throughout the United States with regards to public involvement mandates.	Completed

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 e-Newsletters
- Creation and dissemination of the TPO Annual Report each year in March/April (\$30,000/year)
- Continue development of the Transportation Outreach Planner (\$60,000/year)
- Continuously update the TPO's Website
- Continuously update the TPO's Facebook, Twitter, YouTube, SlideShare, Instagram, and RSS sites
- Continuously capture all correspondence in the Miami-Dade TPO's PI Database
- Hold PIMT meetings
- Conduct citizenry requested studies, as deemed appropriate
- Develop the Annual FDOT/TPO Certification Document (August 2019 and 2020)
- Advertise legal notices for Public Hearings in local periodicals (14 day notices as appropriate)

PROJECT MANAGER:

Elizabeth Rockwell

PARTICIPATING AGENCIES:

Miami-Dade Transportation Planning Organization (lead agency)
All Local Transportation Agencies

FYs 2019 and 2020 UNIFIED PLANNING WORK PROGRAM**ELEMENT 7: PUBLIC PARTICIPATION****WORK SCHEDULE:**

This program has the following start and end dates:

Fiscal Year	2019	2020
Start Date	July 1, 2018	July 1, 2019
End Date	June 30, 2019	June 30, 2020

FUNDING:**Year 1 - FY 2018/19**

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$114,189	\$25,185	\$100,349	\$12,544	\$12,544		\$264,811
County Service Fee:							
TPO	\$8,706	\$1,920	\$7,651	\$956	\$956		\$20,189
Other Direct Expenses:							
TPO							
Consultant:							
	\$73,737	\$16,263	\$0	\$0	\$0		\$90,000
	\$196,632	\$43,368	\$108,000	\$13,500	\$13,500	\$0	\$375,000

*The budget and PL funds are illustrative for year 1 until approved by the appropriate entities

Year 2 -FY 2019/20*

Budget Category	FHWA (PL)	Local FHWA Match	FTA Sec. 5305	State FTA Match	Local FTA Match	SU	Totals
Salaries and Fringes:							
TPO	\$121,801	\$26,864	\$104,065	\$13,008	\$13,008		\$278,746
County Service Fee:							
TPO	\$9,287	\$2,048	\$7,935	\$992	\$992		\$21,254
Other Direct Expenses:							
TPO							
Consultant:							
	\$114,702	\$25,298	\$0	\$0	\$0	\$0	\$140,000
	\$245,790	\$54,210	\$112,000	\$14,000	\$14,000	\$0	\$440,000

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

APPENDICES



Planning Efforts



Florida Department of Transportation, District Six

The Florida Department of Transportation (FDOT) is a partner in the transportation planning activities of the Miami-Dade TPO. The transportation planning products and services provided by the District Six Planning and Environmental Management Office (PLEMO) fall into the categories described below: MPO coordination and support; corridor planning and analysis; and transportation statistics. The District Modal Office provides freight, transit and rail, aviation, seaport, and intermodal planning efforts, typically through grants to agencies.

TPO/Local Government Coordination and Support: The Intermodal Systems Development Office provides administrative and technical support to the TPO, and to local governments. The District grants more than \$2 million of Federal Planning (PL) funds annually to the TPO to fund the Unified Planning Work Program. The District also provides technical assistance for the development of the TPO's 25-year Long Range Transportation Plan (LRTP), and the five-year Transportation Improvement Program (TIP). District staff serves on many TPO committees and as non-voting advisors to the TPO 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 and sub-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 up-coming. * **(See attached list)**

PLANNING STUDIES*				
#	PROJECT TITLE	PURPOSE	ESTIMATED COST	ESTIMATED TIME FRAME
1	SR 9A/I 95 CORRIDOR-WIDE PLANNING FROM US1 TO DADE/BROWARD LINE 414964-6	CORRIDOR-WIDE PLANNING STUDY FOR OPERATIONAL DEFICIENCIES	\$ 4,178, 031	02/05/2015 to 08/01/2018
2	I 195 FROM I 95/ NW 12 AVENUE TO SR 907/ ALTON ROAD 434845-2	CORRIDOR PLANNING STUDY EVALUATE EXISTING AND FUTURE OPERATIONAL CONDITIONS AND IDENTIFY IMPROVEMENTS	\$1,550,000	08/22/2017 to 08/28/2019
3	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	\$876,685	01/04/2017 to 07/10/2018
4	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 ADVERTISE JUNE 2018
5	SR 934 /NW 79 TH STREET FORM NW 37TH AVENUE TO NW 7 TH AVENUE 421053-4	PLANNING STUDY	\$164,522	11/16/2017 to 10/08/2018
Project Development and Environmental (PD&E) Studies				
NUMBER	PROJECT TITLE	PURPOSE	ESTIMATED COST	ESTIMATED TIME FRAME
1	VENETIAN CAUSEWAY FROM NORTH BAYSHORE DRIVE TO PURDY AVENUE 4227132	PD&E STUDY TO ADDRESS STRUCTURAL/ FUNCTIONAL DEFICIENCIES OF THE TWELVE EXISTING BRIDGES	\$2,888,687	2/15/2014- 08/2019
2	FLAGLER STREET FROM SR 821/HEFT TO BISCAYNE BLVD. 437782-1	PREMIUM TRANSIT CORRIDOR STUDY	\$5,496,525	04/29/2016 – 12/31/2018
3	NW 27 TH AVENUE FROM MIC TO UNITY STATION 438076-1	PREMIUM TRANSIT CORRIDOR STUDY	\$4,486,052	06/27/2016 – 01/09/2019
4	KENDALL DRIVE FROM KROME AVENUE TO SOUTH DIXIE HIGHWAY 437784-1	PREMIUM TRANSIT CORRIDOR STUDY	\$5, 015,707	06/30/2016 – 01/18/2019

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

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. • Prepare Minor Update of the TDP in 2018 • Prepare Major Update of the TDP in 2019		Yearly beginning in January and submitting to FDOT prior to September 1 st .
1b 1c 1d 1e 1f 1g 1h		Update of supporting documents which are part of the Strategic Miami Area Rapid Transit (SMART) Plan including, but not limited to, Implementation of the following: • Beach Corridor • East-West Corridor • Kendall Corridor • North Corridor • Northeast Corridor • South Dade Transitway Corridor • Bus Express Rapid Transit (BERT) Network	SMART Rapid <u>2018 & 2019</u> \$13M & \$13M SMART BERT <u>2018 & 2019</u> \$500K \$1.5M	Continuous
1j		Update Existing and Proposed Transit Facilities Inventory Spreadsheet and Plan	<u>2018 & 2019</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 of Annexation and Incorporation Applications; Review and assess transit impacts and provide summary reports on projects going through the Development of Regional Impact processes, the Development Impact Committee, and Governmental Facilities; Advance Notifications of State or Federal Projects. Review Technical Studies that assist in evaluating transportation/land use interactions.	<u>2018 & 2019</u> \$100K & \$100K (FTA Section 5307)	Continuous
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TPO UPWP 2019-2020

AGENCY/ENTITY: Miami-Dade Expressway Authority (MDX)				
#	PROJECT	DESCRIPTION	ESTIMATED COST (Planning)	TIMEFRAME
1	(83618) SR 836 SW Extension (Kendall Parkway)	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.	\$7.1 Million	Dec. 2013 – Dec. 2018
2	(87413) SR 874 /SW 72nd Street Interchange	PD&E study for new southbound exit ramp to SW 72nd Street and new northbound entrance ramp to SR 874 from SW 72nd Street.	\$1.3 Million	Oct. 2016 – May 2018
3	(92407) SR 924 Extension East to I-95	PD&E study (Catex) 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.	\$2.7 Million	Jun. 2010 – Dec. 2018
4	(92404) SR 924 Extension West to the HEFT	PD&E re-evaluation for a new expressway and additional connectivity to the HEFT and I-75 from SR 924 and NW 138 Street, including the construction of 107 th Avenue from NW 138 th Street to NW 170 th Street to be funded by Miami Dade County	\$2.5 Million	Jan. 2010 – Dec. 2015
5	(11212) SR 112 Ramp Improvements at NW 37th Avenue	New partial interchange at SR 112 and NW 37 th Avenue for new movements including an eastbound on-ramp and a westbound off-ramp at NW 37 th Avenue.	\$1.4 Million	Sep. 2017 – Jul. 2018
6	(92408) SR 924 Partial Interchange at NW 67th Avenue	New westbound on-ramp and off-ramp on SR 924 at NW 67 th Avenue and new eastbound on-ramp from NW 67 th Avenue	\$1.5 Million	Jul. 2017 – Jun. 2018

Note: All projects funded with toll dollars.
Planning projects funded in MDX 2019-2023 Work Program

AGENCY/ENTITY: SOUTH FLORIDA REGIONAL TRANSPORTATION AUTHORITY'S (SFRTA)

SHORT AND LONG RANGE TRANSPORTATION SYSTEM PLANNING AND LAND USE DEVELOPMENT (FY 2019 & 2020 UPWP TASKS)

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, support transit oriented development (TOD), 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 – 2016 - 2018

- Commenced FTA study for Tri-Rail Coastal Link (TRCL) TOD and station area planning
- Finalized public and private sector funding partnerships for the Tri-Rail Downtown Miami Link (TRDML) project
- Completed design and construction for Tri-Rail Trackage for TRDML (IRIS Connection)
- Completed TRDML Service Equity Analysis
- Completed TRDML Environmental Technical Analysis
- Procurement of Positive Train Control (PTC) for South Florida Rail Corridor (SFRC) and the TRDML Florida East Coast (FEC) rail segment
- Initiated SFRTA Strategic Plan Goals and Objectives
- SFRTA TOD policy Implemented
- Facilitated TOD discussions and plans around multiple Tri-Rail stations, including Hialeah, Pompano Beach, Deerfield Beach, West Palm Beach, and other locations
- Completed construction of the new Pompano Beach Operations Center and Station Improvements
- Advanced development of the Northern Layover Facility project
- Continue to support all 3 regional airports with connections to Tri-Rail with new shuttle bus service to Palm Beach International Airport
- Commenced National Environmental Protection Act (NEPA) for a new Boca Raton station

- Continued Partnership with both Regional Planning Councils
- Focus on keeping our existing system in a State of Good Repair
- Commenced transit asset management (TAM) and performance measures planning
- Completed NEPA and 30% Design for Miami River Miami Intermodal Center Capacity Improvement Project (MR-MICCI)
- Completed bus stop analysis
- Commenced 2019 – 2018 TDP Major Update
- Completed on board survey
- Completed SFRTA commuter bus platform survey
- Completed Customer Service Survey
- Served as panelists/speakers at numerous transportation forums/events/conferences in South Florida and nationwide
- Received successful triennial review from FTA
- Awarded new Operations Services contract
- Completed Hialeah Yard Electrical Improvements
- Awarded contract for security services, fare enforcement and revenue collection services
- Completed Tri-Rail tracker smart phone application

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 provides the MPOs with capital project priority lists on an annual basis.
- 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 will advance vibrant communities and a more prosperous region by supporting transit oriented development
- 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.

SFRTA Miami Dade County and Regional Projects for the 2019-2023:

Planning and Capital Development

SFRTA's short and long term planning efforts and activities conducted by the Planning Department are included in this line item. This item facilitates the performance of planning and capital development studies and projects such as the Transit Development Plan (TDP), the development of a station-area Transit Oriented Development (TOD) plan Tri-Rail stations, South Florida East Coast Corridor (FEC) Transit Analysis Study and other studies and plans.

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.

Federal Transit Administration (FTA) Grant, Pilot Program for Transit-Oriented Development (TOD)

SFRTA received a \$1.25 million FTA grant in September 2015, for TOD planning along the proposed Tri-Rail Coastal Link (TRCL) commuter rail line. SFRTA is partnering with the South Florida Regional Planning Council and Treasure Coast Regional Planning Council to complete the study. The work includes 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.

Opa-Locka Parking Improvements

Construction of the Opa-Locka Parking Improvements was completed in December 2017. Construction of the additional parking lot included 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. Forty Five (45) new parking spaces were constructed to meet the year 2020 projection for this station.

Miami River-Miami Intermodal Center Capacity (MR MICCI) Improvement

SFRTA has finalized the Project Development and Environment (PD&E) Study and completed 30% design for this project. The project will provide an additional mainline track within the South Florida Rail Corridor from just north of the Tri-Rail Hialeah Market Station to the Tri-Rail Miami Airport Station within the Miami Intermodal Center. The project will increase capacity and improved track connections across the Miami River, including bridge, track, and signal upgrades. SFRTA will partner with FDOT to complete the construction of the project.

Positive Train Control (PTC)

The U.S. Department of Transportation awarded \$31.63 million to SFRTA in 2017 for the completion of Positive Train Control on South Florida Rail Corridor (SFRC). Positive Train Control (PTC) systems are integrated command, control, communications, and information systems for controlling train movements with safety, security, precision, and efficiency. PTC systems will improve railroad safety by significantly reducing the probability of collisions between trains, casualties to roadway workers and damage to their equipment, and over speed accidents. In addition to providing a greater level of safety and security, 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.

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

Anthony Catalina, SFRTA
Oscar Camejo, Miami-Dade TPO
Michael Roskavitz, Broward MPO
Nick Uhren, Palm Beach TPA

PARTICIPATING AGENCIES

South Florida Regional Transportation Authority, Miami-Dade County Transportation Planning Organization, Broward County Metropolitan Planning Organization, Palm Beach County Transportation Planning Agency, 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.

WORK SCHEDULE

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

- Start Date: July 2017
- End Date: June 2019

PROGRAMMED PLANNING FUNDS

\$1,030,591 is funded with 5307 for FY 2018, and \$1,200,000 for FY 2019. 20% Local match is satisfied with the FTA by using FOOT Toll Revenue Credits.

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

TPO Resolution Adopting the FY 2019 & 2020 UPWP

TPO RESOLUTION #17-18**RESOLUTION APPROVING AN AMENDMENT TO THE FISCAL YEARS (FYS) 2017 AND 2018 UNIFIED PLANNING WORK PROGRAM (UPWP) DE-OBLIGATING CERTAIN FUNDS AND APPROVAL OF THE FYS 2019 AND 2020 UPWP, INCORPORATING SAID FUNDS**

WHEREAS, the Interlocal Agreement creating and establishing the Miami-Dade Metropolitan Planning Organization (MPO), for the Miami Urbanized Area, now known as the Transportation Planning Organization (TPO), requires that the TPO 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 Unified Planning Work Program (UPWP) is a federally mandated two-year document currently authorized for State FYs 2017 and 2018. Federal Highway Administration (FHWA) funds currently programmed, but not expended by fiscal year-end of June 30, 2018, require de-obligation for future re-obligation into the next two-year UPWP that begins July 1, 2018; and

WHEREAS, as established in Florida Department of Transportation MPO Program Management Handbook, the TPO requested de-obligation of required federal funds from FYs 2017 and 2018 UPWP so that said funds will be available in the next FYs 2019 and 2020 UPWP. This action is consistent with the multi-year implementation and funding of the Strategic Miami Area Rapid Transit (SMART) Plan, and will also preserve the continuity of the TPO work program; and

WHEREAS, the TPC has reviewed proposed amendment to the FYs 2017 and 2018 UPWP and FYs 2019 and 2020 UPWP, and finds them 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 TRANSPORTATION PLANNING ORGANIZATION IN ITS ROLE AS THE MPO FOR THE MIAMI URBANIZED AREA:

Section 1. That the attached amendment to the Fiscal Years (FYs) 2017 and 2018 Unified Planning Work Program (UPWP) to de-obligate certain federal funds is hereby approved.

Section 2. That the Fiscal Years 2019 and 2020 Unified Planning Work Program, incorporating the de-obligated funds referenced in Section 1, subject to approval by the Federal Highway Administration (FHWA), is approved and authorized for submittal to the Florida Department of Transportation and the appropriate Federal agencies.

Section 3. That the Executive Director is authorized to execute all appropriate Federal authorization and assurances to support the UPWP document; submit and execute grant applications, amendments and non-policy changes as requested by Federal and State Agencies; sign contract awards and other documents relating to the receipt of grant funding; advertise of budgeted contractual/consulting services; and execute regular billings for costs incurred against the UPWP Task elements on behalf of the TPO.

The adoption of the foregoing resolution was moved by Board Member Jose "Pepe" Diaz. The motion was seconded by Board Member Juan Carlos Bermudez, and upon being put to a vote, the vote was as follows:

Chairman Esteban L. Bovo, Jr.-Aye
Vice Chairman Francis Suarez-Absent

Board Member Juan Carlos Bermudez	-Aye	Board Member Vince Lago	-Aye
Board Member Jose "Pepe" Diaz	-Aye	Board Member Daniella Levine Cava	-Aye
Board Member Audrey M. Edmonson	-Aye	Board Member Roberto Martell	-Absent
Board Member Dan Gelber	-Absent	Board Member Joe A. Martinez	-Aye
Board Member Oliver G. Gilbert, III	-Absent	Board Member Jean Monestime	-Aye
Board Member Perla T. Hantman	-Absent	Board Member Dennis C. Moss	-Aye
Board Member Carlos Hernandez	-Absent	Board Member Jeff Porter	-Absent
Board Member Sally A. Heyman	-Absent	Board Member Rebeca Sosa	-Aye
Board Member Barbara J. Jordan	-Absent	Board Member Javier D. Souto	-Aye
Board Member Smith Joseph	-Aye	Board Member Xavier L. Suarez	-Aye

The Chairperson thereupon declared the resolution duly passed and approved this 26th day of April, 2018.

TRANSPORTATION PLANNING ORGANIZATION

By Zainab Salim
Zainab Salim, Clerk
Miami-Dade TPO



Statements and Assurances

FLORIDA DEPARTMENT OF TRANSPORTATION
UNIFIED PLANNING WORK PROGRAM (UPWP)
STATEMENTS AND ASSURANCES

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DEBARMENT and SUSPENSION CERTIFICATION

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

- (1) The Miami-Dade TPO 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 TPO 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.

Name: Esteban L. Bovo, Jr.
Title: TPO Chairman

5-8-18
Date

**Approved as to form
and Legal Sufficiency**

Bruce Libhaber
Assistant County Attorney

May 3, 2018
Date

FLORIDA DEPARTMENT OF TRANSPORTATION
UNIFIED PLANNING WORK PROGRAM (UPWP)
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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 TPO that:

- (1) No Federal or state appropriated funds have been paid or will be paid by or on behalf of the Miami-Dade TPO, 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 TPO 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.



Name: Esteban L. Bovo, Jr.
Title: TPO Chairman

5-8-18

Date

Approved as to form
and Legal Sufficiency



Assistant County Attorney

May 3, 2018

Date

FLORIDA DEPARTMENT OF TRANSPORTATION
UNIFIED PLANNING WORK PROGRAM (UPWP)
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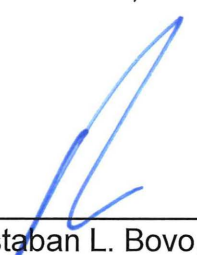
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DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION

It is the policy of the Miami-Dade TPO 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 TPO, 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 TPO, in a non-discriminatory environment.

The Miami-Dade TPO 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



Name: Esteban L. Bovo, Jr.
Title: TPO Chairman

5-8-18

Date

Approved as to form
and Legal Sufficiency



Assistant County Attorney

May 3, 2018

Date

FLORIDA DEPARTMENT OF TRANSPORTATION
UNIFIED PLANNING WORK PROGRAM (UPWP)
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TITLE VI/ NONDISCRIMINATION ASSURANCE

Pursuant to Section 9 of US DOT Order 1050.2A, the Miami-Dade TPO 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.

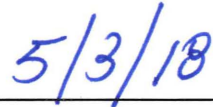
The Miami-Dade TPO further assures FDOT that it will undertake the following with respect to its programs and activities:

1. Designate a Title VI Liaison that has a responsible position within the organization and access to the Recipient's Chief Executive Officer.
2. Issue a policy statement signed by the Chief Executive Officer, which expresses its commitment to the nondiscrimination provisions of Title VI. The policy statement shall be circulated throughout the Recipient's organization 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 Recipient 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 your agency'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 Recipient.

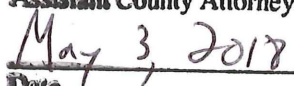


Name: Aileen Bouclé
Title: Miami-Dade TPO Executive Director



Date

Approved as to form
and Legal Sufficiency

Assistant County Attorney


Date

FLORIDA DEPARTMENT OF TRANSPORTATION
UNIFIED PLANNING WORK PROGRAM (UPWP)
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APPENDICES A and E

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "Contractor") 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 a 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.

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02/18

- (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 a Contractor becomes involved in, or is threatened with, litigation with a subcontractor 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, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100); Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq)

UPWP Financial Tables

TABLE 1: AGENCY PARTICIPATION
Fiscal Year 2019

(\$000's)

									Consultant			
No.	TASK TITLE	TPO	RER	DTPW	Finance	ITD	Comm	OMB	Non-PL	PL	Totals	
1.1	UPWP Management	90									90	
1.2	TPO Board Support	655									655	
1.3	TPO Program Support Services	462			43	250	14				769	
1.4	TPO Legislative and Advocacy Services	244									244	
2.1	Trans. Socioeconomic & Land Use Coord.	60	70								130	
2.2	Highway Traffic Counting	25		50							75	
3.1	Trans. Improvement Program	260		40						80	380	
4.1	Long Range Trans. Update	270							800	600	1,670	
5.1	General Planning Consultant	240							412	185	837	
5.2	SMART Moves	290								630	920	
5.3	Implementation of the SMART Plan	566							467		1,033	
5.4	Short-Range Intermodal Freight Planning	120									120	
5.5	Transit Corridor Planning	30									30	
5.6	Complete Streets	200		30						60	290	
5.7	Transportation Disadvantaged Planning	75									75	
6.1	Regional Transportation Plan and Support	185								25	210	
6.2	Urban Modeling and Forecasting	110									110	
7.1	Citizen Advisory Committees	300									300	
7.2	Public Involvement Program	285								90	375	
			4,467	70	120	43	250	14	0	1,679	1,670	8,314
			Other Departments						497			
									Consultant		3,349	

LEGEND:

TPO Transportation Planning Organization
RER Regulatory and Economic Resources
DTPW Department of Transportation and Public Works
ITD Information Technology Department
Comm Communications Department
OMB Office of Management and Budget

TABLE 1: AGENCY PARTICIPATION
Fiscal Year 2020

(\$000's)

									Consultant		
No.	TASK TITLE	TPO	RER	DTPW	Finance	ITD	Comm	OMB	Non-PI	PL	Totals
1.1	UPWP Management	95									95
1.2	TPO Board Support	690									690
1.3	TPO Program Support Services	432			43	250	14				739
1.4	TPO Legislative and Advocacy Services	244									244
2.1	Trans. Socioeconomic & Land Use Coord.	63	70								133
2.2	Highway Traffic Counting	26		100							126
3.1	Trans. Improvement Program	273		40						80	393
4.1	Long Range Trans. Update	282									282
5.1	General Planning Consultant	255								500	755
5.2	SMART Moves	305								234	539
5.3	Implementation of the SMART Plan	100							3,779		3,879
5.4	Short-Range Intermodal Freight Planning	126									126
5.5	Transit Corridor Planning	32									32
5.6	Complete Streets	210		30						60	300
5.7	Transportation Disadvantaged Planning	75									75
6.1	Regional Transportation Plan and Support	194								25	219
6.2	Urban Modeling and Forecasting	115									115
7.1	Citizen Advisory Committees	315									315
7.2	Public Involvement Program	300								140	440
		4,132	70	170	43	250	14	0	3,779	1,039	9,497
		Other Departments							547		
									Consultant	4,818	

LEGEND:

TPO Transportation Planning Organization
RER Regulatory and Economic Resources
DTPW Department of Transportation and Public Works
ITD Information Technology Department
Comm Communications Department
OMB Office of Management and Budget

*The budget and federal funds are illustrative for year 1 until approved by the appropriate entities

TABLE 2: FUNDING SOURCE

Fiscal Year 2019

(\$000's rounded to nearest tenths)

No.	TASK TITLE	PL		Section 5305(d)			FY 19	TPO	FY 2016			FY 2017			FY 2018			CTD	Totals
		Fed	Local	Fed	State	Local	SU Fed	Part Fee Local	Section 5305(d)			Section 5305(d)			Section 5305(d)			State	
1.1	UPWP Management	73.7	16.3																90.0
1.2	TPO Board Support	372.8	82.2	160.0	20.0	20.0													655.0
1.3	TPO Program Support Services	589.1	129.9	40.0	5.0	5.0													769.0
1.4	TPO Legislative and Advocacy Services							244.4											244.4
2.1	Trans. Socioeconomic & Land Use Coord.	90.1	19.9	16.0	2.0	2.0													130.0
2.2	Highway Traffic Counting	61.4	13.6																75.0
3.1	Trans. Improvement Program	204.8	45.2	104.0	13.0	13.0													380.0
4.1	Long Range Trans. Update	589.1	129.9	120.8	15.1	15.1									640.0	80.0	80.0		1,670.0
5.1	General Planning Consultant	258.1	56.9	88.0	11.0	11.0			205.6	25.7	25.7	124.0	15.5	15.5					837.0
5.2	SMART Moves	680.0	150.0	72.0	9.0	9.0													920.0
5.3	Implementation of the SMART Plan	197.5	43.5	260.0	32.5	32.5	467.4												1,033.4
5.4	Short-Range Intermodal Freight Planning	98.3	21.7																120.0
5.5	Transit Corridor Planning			24.0	3.0	3.0													30.0
5.6	Complete Streets	196.6	43.4	40.0	5.0	5.0													290.0
5.7	Transportation Disadvantaged Planning																	75.0	75.0
6.1	Regional Transportation Plan and Support	98.3	21.7	72.0	9.0	9.0													210.0
6.2	Urban Modeling and Forecasting	49.2	10.8	40.0	5.0	5.0													110.0
7.1	Citizen Advisory Committees	122.9	27.1	120.0	15.0	15.0													300.0
7.2	Public Involvement Program	196.6	43.4	108.0	13.5	13.5													375.0
Totals		3,878.6	855.4	1,264.8	158.1	158.1	467.4	244.4	205.6	25.7	25.7	124.0	15.5	15.5	640.0	80.0	80.0	75.0	8,313.8

TABLE 2: FUNDING SOURCE**Fiscal Year 2020**

(\$000's rounded to nearest tenths)

No.	TASK TITLE	PL		Section 5305(d)			SU	TPO Part Fee	CTD	Totals
		Fed	Local	Fed	State	Local	Fed	Local	State	
1.1	UPWP Management	77.8	17.2							95.0
1.2	TPO Board Support	319.5	70.5	240.0	30.0	30.0				690.0
1.3	TPO Program Support Services	529.3	116.7	74.4	9.3	9.3				739.0
1.4	TPO Legislative and Advocacy Services							244.4		244.4
2.1	Trans. Socioeconomic & Land Use Coord.	51.6	11.4	56.0	7.0	7.0				133.0
2.2	Highway Traffic Counting	21.3	4.7	80.0	10.0	10.0				126.0
3.1	Trans. Improvement Program	240.1	52.9	80.0	10.0	10.0				393.0
4.1	Long Range Trans. Update	149.1	32.9	80.0	10.0	10.0				282.0
5.1	General Planning Consultant	533.4	117.6	83.2	10.4	10.4				755.0
5.2	SMART Moves	277.7	61.3	160.0	20.0	20.0				539.0
5.3	Implementation of the SMART Plan			80.0	10.0	10.0	3778.9			3,878.9
5.4	Short-Range Intermodal Freight Planning	103.2	22.8							126.0
5.5	Transit Corridor Planning			25.6	3.2	3.2				32.0
5.6	Complete Streets	204.8	45.2	40.0	5.0	5.0				300.0
5.7	Transportation Disadvantaged Planning								75.0	75.0
6.1	Regional Transportation Plan and Support	146.7	32.3	32.0	4.0	4.0				219.0
6.2	Urban Modeling and Forecasting	53.3	11.7	40.0	5.0	5.0				115.0
7.1	Citizen Advisory Committees	135.2	29.8	120.0	15.0	15.0				315.0
7.2	Public Involvement Program	245.8	54.2	112.0	14.0	14.0				440.0
Totals		3,088.8	681.2	1,303.2	162.9	162.9	3,778.9	244.4	75.0	9,497.3

*The budget and federal funds (PL and SU) are illustrative for year 1 until approved by the appropriate entities

UPWP Schedule

FY 2019 and FY 2020 Unified Planning Work Program Development Schedule

DATE	PURPOSE	TIME	LOCATION
12/06/17	UPWP Kickoff Teleconference Meeting	9:00 AM	TPO Office and FDOT D6
2/9/18	Call for SMART Ideas notice posted on TPO homepage and social media	n/a	n/a
2/9/18	Distributed Call for SMART Ideas Program letters to all municipalities, agencies and organizations	n/a	n/a
2/13/18	UPWP Development Meeting (TPO Internal)	2:00 PM	9 th Floor Conf. Rm
2/20/18	Transportation and Mobility Committee presentation of SMART Moves Program	2:00 PM (confirm)	SPCC Chamber
2/22/18	Call for SMART Ideas Workshop with Municipalities	2:00 PM	TPO Office
3/2/18	Call for SMART Ideas proposals due to TPO	5:00 PM	TPO Office (online, mail, web)
3/9/18	SMART Moves Program Municipal Proposals due to TPO	5:00 PM	TPO Office
3/15/18	Submit UPWP draft document to FDOT District 6 and FHWA for review and transmittal to Federal Agencies (30 day review cycle)	n/a	n/a
4/9/18	TPC review and endorsement of UPWP draft	2:00 PM	18 th Floor Rm. #4
4/11/18	CTAC review and endorsement of UPWP Draft	5:30 PM	18 th Floor Rm. #4
4/15/18	UPWP 30 day review comments due back to TPO from District Six, FHWA and FTA	5:00 PM	TPO Office
4/24/18	BPAC review of Call for SMART Ideas as an information item	5:30 PM	18 th Floor Rm. #4
4/26/18	TPO Board approval of UPWP	2:00 PM	SPCC Chambers

Meeting dates and locations subject to change.

Acronyms

ACRONYMS LIST

ACS	American Community Survey
ADA	Americans with Disabilities Act
AER	Actual Expenditures Report
AMPO	Association of Metropolitan Planning Organizations
AOR	Annual Operating Report
AWDT	Average Weekday Daily Traffic
BCC	Board of County Commissioners
BPAC	Bicycle/Pedestrian Advisory Committee
BERT	Bus Express Rapid Transit
CDR	Conformity Determination Report
CDMP	Comprehensive Development Master Plan
CFA	Coordination & Fare Agreements
CFASPP	Continuing Florida Aviation Systems Planning Process
CFDA	Catalogue of Federal Domestic Assistance numbers
CFR	Code of Federal Register
CIE	Capital Improvement Element
CITT	Citizens' Independent Transportation Trust
CMAQ	Congestion Mitigation and Air Quality
CMP	Congestion Management Process
COOP	Continuing of Operations Plan
CTAC	Citizen's Transportation Advisory Committee
CTC	Community Transportation Coordinator
CTD	Commission for the Transportation Disadvantaged
CTST	Community Traffic Safety Team
DDA	Downtown Development Authority
DIC	Development Impact Committee
DTPW	Department of Transportation and Public Works
DRI	Development of Regional Impact
EAR	Evaluation and Appraisal Report
EJ	Environmental Justice
ETDM	Efficient Transportation Decision Making
FAST Act	Fixing America's Surface Transportation Act
FDOT	Florida Department of Transportation
FEC	Florida East Coast
FHWA	Federal Highway Administration
FIU	Florida International University
FM	Financial Management
F.S.	Florida Statutes
FSUTMS	Florida Standard Urban Transportation Model Structure
FTA	Federal Transit Administration
FTAC	Freight Trucking Advisory Committee

FTE	Florida's Turnpike Enterprise
FY	Fiscal Year
GIS	Geographic Information System
GPC	General Planning Consultant
HEFT	Homestead Extension Florida Turnpike
HTML	Hyper Text Markup Language
ICAR	Intergovernmental Coordination and Review
ISD	Internal Services Department
ITD	Information Technology Department
ITS	Intelligent Transportation System
JPA	Joint Participation Agreement
LCB	Local Coordinating Board
LEHD	Longitudinal Employer-Household Dynamics
LODES	LEHD Origin-Destination Employment Statistics
LOS	Level of Service
L RTP	Long Range Transportation Plan
MAP-21	Moving Ahead for Progress in the 21 st Century
MAZ	Microanalysis Zone
MDX	Miami-Dade Expressway Authority
MNAT	Mobility Needs Assessment Tool
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
MPOAC	Metropolitan Planning Organization Advisory Council
MR-MICCI	Miami River – Miami Intermodal Center Capacity Improvement
MTF	Model Task Force
NTP	Notice to Proceed
NW	Northwest
OMB	Office of Management and Budget
P3	Public Private Partnership
PBBP	Performance Based Planning and Programming
PC	Personal Computer
PD&E	Project Development and Environmental
PEA	Planning Emphasis Areas
PI	Public Involvement
PIM	Public Involvement Manager
PIMT	Public Involvement Management Team
PL	Planning Funds
PM	Performance Management
PMP	Performance Management Process
PPP	Public Participation Plan
PPS	Public Participation Subcommittee
PL	FHWA Planning Funds
PTAC	Public Technical Advisory Committee

RER	Regulatory and Economic Resources
RLRTP	Regional Long Range Transportation Plan
RSS	Rich Site Summary
RTP	Regional Transportation Plan
RTTAC	Regional Transportation Technical Advisory Committee
RTTACMS	Regional Transportation Technical Advisory Committee Modeling Subcommittee
SEFTC	South East Florida Transportation Council
SERPM	Southeast Regional Planning Model
SFILC	South Florida Intermodal Logistics Center
SFRPC	South Florida Regional Planning Council
SFRTA	South Florida Regional Transportation Authority
SMART	Strategic Miami Area Rapid Transit
STOPS	Simplified Trips-on-Project Software
SOW	Scope of Work
SR	State Road
SPCC	Stephen P. Clark Center
SU	Surface Transportation Program (Surface Urban) Population > 200k
SW	Southwest
TARC	Transportation Aesthetics Review Committee
TAP	Transportation Alternatives Program
TAZ	Traffic Analysis Zone
TBD	To Be Determined
TDSP	Transportation Disadvantaged Service Plan
TDP	Transit Development Plan
TIP	Transportation Improvement Program
TOD	Transit Oriented Development
TARC	Transportation Aesthetics Review Committee
TPA	Transportation Planning Agency
TPC	Transportation Planning Council
TPO	Transportation Planning Organization
TPTAC	Transportation Planning Technical Advisory Committee
TRIP	Transportation Regional Incentive Program
TSM&O	Transportation System Management & Operations
UMSA	Unincorporated Municipal Service Area
UPWP	Unified Planning Work Program
U.S.	United States
USC	United States Code
USDOT	United States Department of Transportation