

MPO RESOLUTION #58-16**RESOLUTION APPROVING AN AMENDMENT TO FISCAL YEAR 2017 TRANSPORTATION IMPROVEMENT PROGRAM TO ASSIGN AND PROGRAM FEDERAL FUNDS IN THE AMOUNT OF \$7,180,000.00 FOR THE IMPLEMENTATION OF THE STRATEGIC MIAMI AREA RAPID TRANSIT (SMART) PLAN; AND AMENDING FYs 2017 AND 2018 UNIFIED PLANNING WORK PROGRAM (UPWP) TO MODIFY TASK 5.15 TO INCREASE THE FUNDING ALLOCATION IN THE AMOUNT OF \$7,180,000.00 FOR THE SMART PLAN IMPLEMENTATION ACTIVITIES STATED THEREIN**

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

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

WHEREAS, the TPC has reviewed the amendments to the Fiscal Year 2017 Transportation Improvement Program (TIP) and Fiscal Years 2017 and 2018 Unified Planning Work Program (UPWP), made a part hereof, and find them consistent with the goals and objectives of the 2040 Long Range Transportation Plan for the Miami Urbanized Area; and

WHEREAS, under MPO Resolution #26-16, the MPO Governing Board endorsed the implementation of the Strategic Miami Area Rapid Transit (SMART) Plan, and directed the MPO Executive Director to work with the MPO Fiscal Priorities Committee to determine the cost and potential sources of funding for Project Development and Environment (PD&E) phase studies; and

WHEREAS, the FYs 2017 and 2018 UPWP approved under MPO Resolution #28-16 includes Task 5.15 "Implementation of the SMART Plan" and related implementation activities; and

WHEREAS, under MPO Resolution #31-16 the MPO Executive Director is authorized to communicate with federal, state and local partners and to develop a SMART Plan Implementation document that includes planning and funding solutions for rapid transit corridors identified in the SMART Plan; and

WHEREAS, under Resolution #45-16 the MPO Governing Board approved 1) a General Planning Scope of Services for the SMART Plan Implementation Activities under Task 5.15 of the UPWP; 2) the programming of Federal funds in the amount of \$7,180,000.00 to conduct the activities as described in Task 5.15 of the UPWP; and 3) the MPO Executive Director is authorized to (a) advance scope of services to conduct studies for the SMART Plan corridors, (b) procure the necessary services to conduct the SMART Plan implementation activities described in the Scope of Services, and (c) enter into Interlocal Agreements with funding partners, including but not limited to municipalities; and

WHEREAS, the MPO has identified available Federal funds to be programmed in the TIP and UPWP for the implementation of the SMART Plan; and

WHEREAS, on September 27, 2016 the MPO Fiscal Priorities Committee favorably recommended programming federal funds in the fiscal year 2017 TIP and Fiscal Years 2017 and 2018 UPWP,

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA, that the amendment to Fiscal Year 2017 Transportation Improvement Program to assign and program Federal funds in the amount of \$7,180,000.00 for the implementation of the Strategic Miami Area Rapid Transit (SMART) Plan; and an amendment to the FYs 2017 and 2018 Unified Planning Work Program (UPWP) modifying Task 5.15 to increase the funding allocation in the amount of \$7,180,000.00 for the SMART Plan implementation activities stated therein are hereby approved.

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

Chairman Jean Monestime-Aye
Vice Chairman Francis Suarez-Aye

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

The Chairperson thereupon declared the resolution duly passed and approved this 26th day of October, 2016.

METROPOLITAN PLANNING ORGANIZATION

By Zainab Salim
 Zainab Salim, Clerk
 Miami-Dade MPO





TIP AMENDMENT FORM

Requesting Entity: MPO Governing Board **Date Submitted:** August 17, 2016

Project ID#: N/A **Submitted by:** MPO

Project Title: Implementation of SMART Plan (UPWP Task 5.1)

Project Estimated Cost: \$ 7,180,000.00

Project Description (brief): includes the activities to supplement the development of the Project Development & Environment (PD&E) studies and the implementation of the SMART Plan as referenced in the General Planning Scope of Services

PROJECT AMENDMENT

Project Schedule Programmed in TIP FY 2017-2021: \$3,020,134 (Federal SU) in FY 17, \$3,692,506 (Federal SU) in FY 18; and \$467,360 (Federal SU) in FY 19. Estimated completion date varies according to each corridor.

Project Source of Local Matching Funds: Federal SU funding requires no local matching.

Project Environmental Action Type and Status: N/A

Date of Environmental Assessment (EA) or expected EA approval Date: 2019

If a capital project, provide 2040 LRTP Page Reference: N/A

If MDT operating project provide TDP page reference: N/A

If FTA funds involved; have the funds been transferred to FTA from FHWA? N/A

If Municipality, provide date of study supporting planned service: N/A

Type of Amendment (check applicable)	Funding Source	✓	Time Schedule	✓
	Phase to be funded	✓	Scope of Work	✓

Amendment Description (brief): _ Fund the advancement of the Implementation of the Strategic Miami Area Rapid Transit (SMART) Plan.

Justification for the Amendment: _ The Implementation of the SMART Plan corresponds to Task 5.15 of the FYs 2017 & 2018 Unified Planning Work Program (UPWP) which was approved unanimously by the MPO Governing Board under Resolution #28-16, dated May 19, 2016.

As directed by the MPO Governing Board (MPO Resolution #45-16), Federal SU funding has been identified for this Task, and will be programmed by the Florida Department of Transportation in the amount of \$7,180,000.00; to be programmed in FY 2017-2021 TIP.

Does the amendment affect other projects	Yes		If yes...	Local	
	No	X		State	

Please, indicate affected projects:	1	
2	3	

Project has been previously amended	Yes		If yes...	Date	
	No	X		MPO Res. #	

Contact Person	Jesus Guerra		Title	MPO Deputy Director
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**MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**



Agency Requesting Amendment: **Miami-Dade MPO**

Project Before Amendment

MPO Project Num: DT4276052
 LRTP Ref: 5-5
 County: MIAMI-DADE
 Roadway ID:
 Lanes Exist:
 Lanes Improved:
 Lanes Added:
 Project Length:
 District: 6
 Amend. Res. #:
 Amend. Res. Date:

Project Description:	Miami-Dade MPO FY 2016/2017 & 2017/2018 UPWP PL
Type of Work:	Planning

		Funding Source	<2017	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	>2021	All Years
PHASE:	Planning	LF	-	434,428	434,428	-	-	-	-	868,856
PHASE:	Planning	PL	-	1,790,969	1,790,969	-	-	-	-	3,581,938
RESPONSIBLE AGENCY:	Managed by Miami-Dade MPO	Totals	-	2,225,397	2,225,397	-	-	-	-	4,450,794

Note: Section A1-Page 584 of 588, FY 2017-2021 TIP-Approved May 19, 2016

Project After Amendment

MPO Project Num: DT4393341
 LRTP Ref: 5-5
 County: MIAMI-DADE
 Roadway ID:
 Lanes Exist:
 Lanes Improved:
 Lanes Added:
 Project Length:
 District: 6
 Amend. Res. #:
 Amend. Res. Date:

Project Description:	Miami-Dade MPO FY 2016/2017 & 2017/2018 UPWP
Type of Work:	Planning

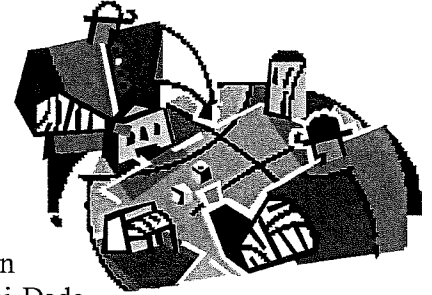
		Funding Source	<2017	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	>2021	All Years
PHASE:	Planning	LF	-	434,428	434,428	-	-	-	-	868,856
PHASE:	Planning	PL	-	1,790,969	1,790,969	-	-	-	-	3,581,938
PHASE:	Planning	SU	-	93,750	-	-	-	-	-	93,750
PHASE:	Planning (SMART Plan) *	SU	-	3,020,134	3,692,506	467,360	-	-	-	7,180,000
RESPONSIBLE AGENCY:	Managed by Miami-Dade MPO	Totals	-	5,339,281	5,917,903	467,360	-	-	-	11,724,544

* Pending final district allocations via Schedule A to be released September 28, 2016

ELEMENT 5: SPECIAL PROJECT PLANNING

TASK NUMBER AND TITLE:

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



PURPOSE:

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

BACKGROUND:

On February 18, 2016, the MPO Governing Board approved Resolution #06-16, establishing a policy to set as highest priority the advancement of rapid transit projects in Miami-Dade County. As a result, the Miami-Dade MPO Governing Board approved on April 21, 2016, Resolution #26-16 endorsing the Strategic Miami Area Rapid Transit (SMART) Plan and directing the MPO Executive Director to work with the MPO's Fiscal Priorities Committee to determine the costs and potential sources of funding for the Project Development and Environmental (PD&E) phase for said projects.

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

- Corridors
 - ✓ Beach Corridor
 - ✓ East-West Corridor (SR 836)
 - ✓ Kendall Corridor
 - ✓ North Corridor (NW 27th Avenue)
 - ✓ South Dade TransitWay
 - ✓ Tri-Rail Coastal Link (Northeast/FEC Corridor)
- Express Network
 - ✓ Flagler Corridor
 - ✓ South Miami-Dade Express
 - From South Miami-Dade to Dadeland North Metrorail Station along the Turnpike, SR-874 and SR-878
 - ✓ NW Miami-Dade Express
 - From I-75 at Miami Gardens to Palmetto Metrorail Station along SR-826
 - ✓ SW Miami-Dade Express
 - From Miami Executive Airport to Dadeland North Metrorail Station along SR-874 and SR-878
 - ✓ Florida Turnpike Express
 - From South Miami-Dade to Doral
 - ✓ Beach Express North/Central/South
 - From Miami Beach to Golden Glades Interchange along Julia Tuttle Causeway and I-95
 - From Miami Beach to the MIC along Julia Tuttle Causeway and SR-112

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The Project Development and Environmental (PD&E) study have been approved for all six (6) rapid transit corridors and are being carried out by partnering agencies. Table 1 shows the six rapid transit corridors and their lead agency for the PD&E studies.

#	CORRIDOR	LEAD AGENCY
1	Beach	Department of Transportation and Public Works (DTPW)
2	East-West (SR-836)	Department of Transportation and Public Works (DTPW)
3	Kendall	Florida Department of Transportation (FDOT) District 6
4	North (NW 27 th Ave.)	Florida Department of Transportation (FDOT) District 6
5	South Dade TransitWay	Department of Transportation and Public Works (DTPW)
6	Tri-Rail Coastal Link (TRCL) (Northeast/FEC Corridor)	Florida Department of Transportation (FDOT) District 4

PREVIOUS WORK:

Corridors	Previous Studies Completed (2000-Present)
Beach Corridor	<ul style="list-style-type: none"> • 2002 – Miami Beach Transportation Corridor (Bay Link) Study • 2004 – Phase 2 Bay Link Study • 2015 – Beach Corridor Transit Connection Study
East-West Corridor	<ul style="list-style-type: none"> • 2004 – MPO’s Rail Convertibility Study • 2005 – CURT BRT Opportunities Study • 2008 – Supplemental DEIS for FIU-MIC Segment • 2015 – CATEX for E-W SR 836 Express Buses (approved)
Kendall Corridor	<ul style="list-style-type: none"> • 2001 – Kendall-SR 826 Corridor Major Investment Study • 2005 – CURT BRT Opportunities Study • 2006 – Kendal Corridor Alternatives Analysis Study • 2007 – Kendall Corridor Transportation Alternatives Analysis
North Corridor	<ul style="list-style-type: none"> • 2000 – BRT Concept Evaluation Study • 2004 – Supplemental DEIS • 2007 – Revised FEIS (ROD is issued)
Northeast Corridor	<ul style="list-style-type: none"> • 2003 – SFRTD South Florida Transit Analysis Study • 2004 – MPO Rail Convertibility Study • 2005 – Southeast Florida East Coast Corridor Study (in 2013 is rebranded as Tri-Rail Coastal Link Study) • 2005 – CURT BRT Opportunities Study
South Corridor	<ul style="list-style-type: none"> • 2004 – MPO Rail Convertibility Study • 2006 – MPO South Link Study

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REQUIRED ACTIVITIES:

This task includes the development of supporting activities that will be identified as needed during the development of SMART plan. In addition, the MPO Governing Board approved on July 21, 2016, Resolution #45-16 which includes a generalized Scope of Services to guide the development of efforts that will be used for the development of individual work by corridor or system wide. The activities to be conducted under this task and sub-tasks will not duplicate the work to be done under the PD&Es. Table 2 shows the anticipated activities by major topics and the tentative schedules and estimated costs.

#	Sub-Task	Duration of Major Milestones (Month #)	Outcome/End Product	Estimated Cost
1	Land Use Visioning This Sub-Task is intended to help achieve regional and community goals through the integration of transportation and land use planning and its incorporation into local plans, projects, and development strategies. This initiative, which will focus on the selected areas, will provide an in-depth examination of each corridor, identify the goals and priorities of the communities, assessment of existing conditions, and the development of recommendations and implementation strategies to achieve the specific goals and priorities along individual corridors.	12	Report, Technical Memorandum and/or presentations, as required	\$1.98 M
	Analysis of Conditions	3		
	Creation of a Land Use/Visioning Toolbox	4		
	Development of Transit Corridors Master Plans	7		
	3-D land use planning scenarios	9		
	Economic Development Scenarios	10		
2	Technical Support This effort shall utilize the strategies and guidance identified in FDOT's Transit Concept and Alternatives Review (TCAR) process to support technical areas for the implementation of the SMART Plan.	12	Technical Memorandum for sub-tasks; Methodology, Existing Conditions, Model Calibrations, Results, as needed.	\$2.23 M
	System Plan Development	4		

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	Travel Demand Forecasting	6		
	Transit Benefits	7		
	Cost Estimation	9		

#	Sub-Task	Duration of Major Milestones (Month #)	Outcome/ End Product	Estimated Cost
3	Public Engagement Effort The Miami-Dade MPO shall serve as the primary coordination agency for the SMART Plan. As such, the Miami-Dade MPO will provide the necessary support for the overall SMART Plan through continuous communication and coordination forums with local agency staff and decision-makers, community stakeholders, and other partners. Input from citizens will also be an important source of input for the development of the SMART Plan.	12	Public Participation Plan Report of Public Feedback & Support	\$1.65 M
	Public Outreach	3		
	Awareness of the SMART Plan	4		
	Conceptual Plans by Corridor	6		
	Development of visualization elements of the plan	9		
4	SMART Plan Advancement This task shall undertake the development of a SMART Plan Funding Strategy to support a multi-project rapid transit program. This funding strategy is aimed at identifying funding sources, financial structure, funding implementation alternatives, land-use strategies based on the projects' schedule, and phasing development and costs to advance the implementation of the SMART Plan.	12	Financial Plan Implementation Plan	\$1.32 M
	Federal, State and Local Participation	3		
	Financial Assessment	6		
	Implementation Strategies	9		

END PRODUCTS:

All end products will be determined by individual assignments and delivered as requested for each work order. All activities conducted under these Sub-Tasks will require the following documents:

- Final Report

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- Final Executive Report
- Power Point Presentation

The above end projects will also be submitted in an electronic format for further distribution as needed and posting in the MPO Website.

WORK SCHEDULE:

All activities conducted under these Sub-Tasks will take approximately twelve (12) months after the issue of the Notice to Proceed (NTP) Letter.

FY 17 UPWP Activities	FY 18 UPWP Activities
Land Use Visioning Activities	
Technical Support Activities	
Public Engagement Effort	
Coordination Activities	
	SMART Plan Advancement
Other support activities necessary to advance Program of Projects.	

PARTICIPATING AGENCIES:

The following agencies are actively participating in the development of this Task:

- Miami-Dade Metropolitan Planning Organization (MPO) (Lead agency)
- Florida Department of Transportation - District Six (FDOT-6)
- Miami-Dade Department of Regulatory and Economic Resources (RER)
- Miami-Dade Department of Transportation and Public Works (DTPW)
- Miami-Dade Expressway Authority (MDX)

The entities below will be coordinating the development of Sub-Tasks with the MPO, as appropriate:

- Municipalities
- Citizens' Independent Transportation Trust (CITT)
- Florida Turnpike Enterprise (FTE)
- Florida Department of Transportation – District Four (FDOT-4)
- South Florida Regional Council (SFRC)
- South Florida Regional Transportation Authority (SFRTA)

FUNDING:

This is a multi-year effort. Federal urban funds are allocated for the development and management of this Task. Coordination will be conducted through the participating entities, as well as FDOT and FHWA for final concurrence. In addition, municipalities along the corridors, the Citizens' Independent Transportation Trust (CITT) and the Department of Transportation and Public Works (DTPW) will provide local funds for the development of specific Sub-Tasks, as appropriate.

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TABLE 3: FUNDING SOURCES AND ENTITIES PARTICIPATION

Year 1 - FY

2016/17

Budget Category	FHWA (PL)	*CITT	*Municipalities	FTA	FHWA URBAN FUNDS	Totals
Salaries and Fringes:						
MPO	\$0	\$0	\$0	\$0	\$279,281	\$279,281
County Indirect Costs:						
MPO	\$0	\$0	\$0	\$0	\$22,732	\$22,732
Other Departments:						
RER					\$300,000	\$300,000
Consultant:						
	\$0	\$1,800,000	\$800,000	\$0	\$2,418,121	\$5,018,121
	\$0	\$1,800,000	\$800,000	\$0	\$3,020,134	\$5,620,134

*Anticipated local participation

Year 2 -FY

2017/18

Budget Category	FHWA (PL)	CITT	Municipalities	FTA	FHWA URBAN FUNDS	Totals
Salaries and Fringes:						
MPO	\$0	\$0	\$0	\$0	\$341,458	\$341,458
County Indirect Costs:						
MPO	\$0	\$0	\$0	\$0	\$27,793	\$27,793
Consultant:						
	\$0	\$1,200,000	\$0	\$0	\$3,323,255	\$4,523,255
	\$0	\$1,200,000	\$0	\$0	\$3,692,506	\$4,892,506

Two-year Total	\$0	\$3,000,000	\$800,000	\$0	\$6,712,640	\$10,512,640
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A total of \$7,180,000 in Federal Urban Funds are programmed as follows:

\$3,020,134 (Federal SU) FY 17; Programmed in TIP FY 2017-2021 and FY 17 of UPWP

\$3,692,506 (Federal SU) FY 18; Programmed in TIP FY 2017-2021 and FY 18 of UPWP

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\$467,360 (Federal SU) FY 19; Programmed in TIP FY 2017-2021

Please note that the UPWP is a Two-Year document currently adopted for FY 2017-2018. However, required Public Engagement Effort and Coordination activities will extend beyond the current two-year cycle.