

**TPO RESOLUTION #05-2021**

**RESOLUTION APPROVING A SCOPE OF SERVICE AND BUDGET TO CONDUCT A SMART PLAN SOUTH DADE TRANSITWAY EXISTING CONDITIONS INTERSECTION AREAS INVENTORY**

**WHEREAS**, the Interlocal Agreement creating and establishing the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area requires that the Miami-Dade Transportation Planning Organization (TPO), in its role as the MPO, provide a structure to evaluate the adequacy of the transportation planning and programming process; and

**WHEREAS**, in 2016, the TPO Governing Board adopted Resolution #06-16, which established transit as the “highest priority” in Miami-Dade County. Subsequently, the Governing Board unanimously adopted Resolution #26-16, which approved the Strategic Miami Area Rapid Transit (“SMART”) Plan in order to implement mass transit projects throughout the County; and

**WHEREAS**, the SMART Plan includes six (6) rapid transit corridors along with a network of Bus Express Rapid Transit (BERT) services; and

**WHEREAS**, the South Dade Transitway is one of the six (6) SMART Plan rapid corridors; and

**WHEREAS**, on May 29, 2020, the United States Department of Transportation announced that the South Corridor Bus Rapid Transit (BRT) Small Starts project was selected to receive \$99,999,999.00 for a construction grant agreement with the Federal Transit Administration (FTA); and

**WHEREAS**, conducting an assessment of current roadway infrastructure and right-of-way ownership at intersections along the South Dade Transitway will document existing conditions prior to the implementation of the South Corridor BRT project; and

**WHEREAS**, such inventory of existing conditions provides a baseline for the County’s future traffic improvement needs related to the safety and operation of the cross intersections along the South Dade Transitway and would promote the long-term effectiveness of the South Dade BRT project; and

**WHEREAS**, on December 17, 2020, the TPO Governing Board approved Resolution #40-2020 directing the TPO Executive Director or designee to prepare a scope of services and budget to conduct a planning level assessment of existing infrastructure and right-of-way at cross intersections along the South Dade Transitway of the Strategic Miami Area Rapid Transit (SMART) Plan,

**NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE TRANSPORTATION PLANNING ORGANIZATION IN ITS ROLE AS THE MPO FOR THE MIAMI URBANIZED AREA**, that the attached scope of service and budget to conduct a SMART Plan South Dade Transitway Existing Conditions Intersection Areas Inventory, is hereby approved.

The adoption of the foregoing resolution was sponsored by Board Member Raquel A. Regalado and moved by Board Member Jean Monestime. The motion was seconded by Vice Chairman Juan Carlos Bermudez, and upon being put to a vote, the vote was as follows:

**Chairman** Oliver G. Gilbert III -Aye  
**Vice Chairman** Juan Carlos Bermudez -Aye

Board Member Philippe Bien-Aime	-Aye	Board Member Steven D. Losner	-Aye
Board Member Danielle Cohen Higgins	-Aye	Board Member Roberto Martell	-Absent
Board Member Oscar De La Rosa	-Absent	Board Member Joe A. Martinez	-Absent
Board Member Jose “Pepe” Diaz	-Aye	Board Member Kionne L. McGhee	-Aye
Board Member Rene Garcia	-Aye	Board Member Jean Monestime	-Aye

Board Member Perla T. Hantman	-Aye	Board Member Raquel A. Regalado	-Aye
Board Member Keon Hardemon	-Aye	Board Member Rebeca Sosa	-Aye
Board Member Rodney Harris	-Aye	Board Member Javier D. Souto	-Absent
Board Member Sally A. Heyman	-Aye	Board Member Micky Steinberg	-Aye
Board Member Eileen Higgins	-Aye	Board Member Francis Suarez	-Absent
Board Member Vince Lago	-Aye		

The Chairperson thereupon declared the resolution duly passed and approved this 28<sup>th</sup> day of January 2021.

**TRANSPORTATION PLANNING ORGANIZATION**

By Zainab Salim  
Zainab Salim, Clerk  
Miami-Dade TPO



## **OBJECTIVE**

To create an inventory of existing infrastructure and right-of-way (ROW) at cross-intersection areas and evaluate pedestrian and bicycle connections along the 20 miles of the South Dade Transitway of the strategic Miami Area Rapid Transit (SMART) plan. The South Dade Transitway is defined from the Dadeland South Metrorail Station near SR 94/SW 88 Street/Kendall Drive to SR 9336/SW 344<sup>th</sup> Street/East Palm Drive Park-and-Ride transit terminal. This intersection areas inventory would serve as a baseline for future traffic analysis and would promote the long-term effectiveness of the South Dade Transitway BRT project.

## **BACKGROUND**

In 2016, the TPO Governing Board adopted Resolution #06-16, which established transit as the “highest priority” in Miami-Dade County. Subsequently, the Governing Board unanimously adopted Resolution #26-16, which approved the Strategic Miami Area Rapid Transit (“SMART”) Plan in order to implement mass transit projects throughout the County. The SMART Plan includes six (6) rapid transit corridors along with a network of Bus Express Rapid Transit (BERT) services; and the South Dade Transitway is one of the six (6) SMART Plan rapid corridors.

On August 30, 2018, the TPO Governing Board adopted Resolution #31-18, which selected Bus Rapid Transit (“BRT”) as the locally preferred alternative for the South Dade Transitway Corridor of the SMART Plan and further directed the TPO Executive Director to take any and all necessary steps and actions in order to accomplish the conversion of the South Dade Transitway from BRT to at-grade Metrorail upon reaching an average weekday ridership of 35,000 daily trips on the South Dade Transitway.

On February 10, 2020, the Federal Transit Administration (“FTA”) released its Annual Report on Funding Recommendations, wherein the South Corridor BRT Small Starts project received a rating of “High”; and on May 29, 2020, the United States Department of Transportation announced that the South Dade Transitway Corridor BRT Small Starts project was selected to receive \$99,999,999.00 for a construction grant agreement with the FTA.

The Florida Department of Transportation (FDOT) has budgeted and committed funds not to exceed \$100,000,000 In New Starts Transit Program finding for the design and construction of the South Corridor BRT project. The FDOT New Starts grant funding process included the execution of a Memorandum of Understanding (MOU) between the Miami-Dade County Department of Transportation (DTPW) and FDOT for this corridor. This MOU formalizes the collaboration between FDOT and DTPW on improvement of traffic operations for state-owned roads crossing and immediately adjacent to the Corridor.

The TPO Board meeting resolution #40-2020 was passed on December 17, 2020 authorizing the TPO Executive Director or designee to prepare a scope of service and budget to conduct a planning level assessment of existing infrastructure and ROW at cross-intersections area along the 20 miles of the South Dade Transitway of the SMART Plan.

## **METHODOLOGY**

Assessing current roadway infrastructure and right-of-way (ROW) ownership at intersections areas along the South Dade Transitway will document existing conditions prior to the implementation of the South Dade Transitway Corridor BRT project. Such inventory of existing conditions provides a baseline for the County's future traffic improvement needs related to the safety and operation of the cross intersections along the South Dade Transitway.

### **Task 1 – Literature Research & Data Gathering**

- 1.1. The Consultant will review and evaluate all existing engineering and planning reports completed for the South Dade Transitway including but not limited to:
  - SMART South Corridor Project Development & Environmental (PD&E) Study and preliminary design plans completed by the Miami-Dade County DTPW.
  - US-1 VISSIM Traffic Analysis Report, dated 2020 completed by FDOT.
  - SMART South Corridor Economic Mobility and Accessibility Study completed by the TPO. And all previous TPO studies including the southern section of the US-1/ South Dade Transitway corridor.
  - Coordinate with transportation partner agencies on any information/data/efforts needed for the completion of this effort.
- 1.2. The Consultant in coordination with the TPO Project Manager and transportation partner agencies will determine the appropriate intersection areas for this effort, not to exceed 55 intersection areas.
- 1.3. The Consultant will collect all necessary data to complete an existing conditions inventory for the US-1/South Dade Transitway Corridor, including but not limited to:
  - Available ROW, approach lane configurations, geometrics, pedestrian/bicycle facilities, activity, and accessibility to transit, and roadway characteristics for each of the intersection area.
- 1.4. The Consultant shall conduct a field review to confirm existing conditions.

## **Task 2 – Transitway Existing Conditions Intersection Inventory**

Based on the data obtained from the previous task, the Consultant shall perform the following tasks:

- 2.1. Map all geometric features for each intersection area within the corridor including, ROW limits, lane configuration, ADA accessibility, bicycle and pedestrian facilities/features, etc.
- 2.2. Identify ROW ownership of all parcels located within the intersection areas.
- 2.3. Provide descriptive pictures from each approach of the intersection areas within the corridor.
- 2.4. Prepare binder of all intersections for quick reference.

### Deliverable

The Consultant shall submit Technical Memorandum #1 “Existing Conditions Intersection Areas Inventory” that summarizes the findings of Task 1 and 2. Inventory of each intersections area need to be catalogued in an orderly manner.

## **Task 3 – South Dade Transitway Intersection Analysis and Recommendations**

Based on the data obtained from the previous task, the Consultant shall perform the following tasks:

- 3.1. The Consultant will identify connectivity and accessibility gaps on pedestrian crossings and bicycle facilities network including ADA features from the existing conditions at each intersection area to the surrounding communities with an enhanced focus on the areas serving transit stations along the South Corridor Transitway.
- 3.2. Provide recommendations for viable bicycle and pedestrian facility projects for future implementation.

### Deliverable

The Consultant shall submit Technical Memorandum #2 “South Dade Transitway Intersection Areas Analysis” that summarizes the findings of Task 3.

## **Task 4 – Project Coordination and Management**

This task includes coordination of the work effort with the TPO staff team and transportation partners to manage the scope of services, time schedule and budget. This task includes:

- 4.1. Consultant team members and the TPO project manager shall hold virtual project team meetings, including a project kick-off meeting, to discuss study progress and address issues to ensure the study is completed successfully and timely. A total of six (6) meetings are anticipated, including the kick-off meeting.
- 4.2. The Consultant shall submit timely monthly invoices electronically with corresponding progress

reports to document and support the work completed for approval by the TPO project manager.

- 4.3. The Consultant shall develop one (1) presentation and attend up to seven (7) meetings to present the results of this study to the TPO Board, Citizen committees, and Board member briefings, as needed.
- 4.4. The Consultant shall prepare agendas, and document meeting notes, throughout the course of the study.
- 4.5. The Consultant shall develop and maintain a project schedule including major milestones and meeting dates, with approval of the TPO project manager.

### Deliverable

All documentation listed above, and presentation materials shall be delivered to the TPO in an electronic format, either PDF or PowerPoint.

### **Study Deliverables**

1. Five (5) full color copies of the Final Report which should include information on all two (2) technical memorandums listed below. The report will also include pictures, charts, diagrams, maps, tables, to facilitate the reading of the report and for better illustration of the actions recommended in the study.
  - a. Technical Memorandum #1 "Existing Conditions Intersection Areas Inventory"
  - b. Technical Memorandum #2 "Transitway Intersection Areas Analysis"
2. Ten (10) copies of the Executive Summary (full color in a newsletter format and no more than 8 pages is recommended)
3. A PowerPoint Presentation with the highlights of the study
4. A brochure/fact sheet, printed or web material that contributes to enhance the study
5. Final Report and Executive Summary will be also submitted in electronic format (CD) to be posted in the TPO Website and for further reproduction and distribution.

### **SCHEDULE**

The duration of the task listed in this scope of services will be six (6) months.

### **ESTIMATED BUDGET**

The estimated cost for all the tasks listed in this scope of services is \$170,000 inclusive of a 10% contingency.