

MIAMI-DADE

SMART PLAN DEMONSTRATION

PROGRAM

Quarterly Report

Reporting Period January - March, 2021





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SMART DEMOSTRATION PROJECT QUARTERLY REPORT REPORTING PERIOD - JANUARY 1 - MARCH 31, 2021



I. INTRODUCTION

The Strategic Miami Area Rapid Transit (SMART) Plan, shown in Figure 1, is a comprehensive program which identifies six corridors proposed for advancement towards a more complete rapid transit system. The SMART Plan also contains a network of corridors throughout the county for the implementation of Bus Express Rapid Transit (BERT) service.

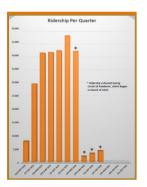
Pursuant to Resolution No. 14-18 and No. 29-18, the Miami-Dade Transportation Planning Organization (TPO), in partnership with the Florida Department of Transportation (FDOT), the Citizen's Independent Transportation Trust (CITT), The Department of Transportation and Public Works (DTPW), South Florida Regional Transportation Authority (SFRTA) and local municipalities throughout Miami-Dade County has coordinated to advance the SMART Plan with the opening of numerous SMART Plan Demonstration Programs. Demonstration projects focus on increasing first and last mile connectivity to existing and future SMART Plan transit stations and on-demand and enhanced integration of transit services at county and municipal levels. The TPO Governing Board has approved 37 SMART Demonstration projects, shown in Figure 2, in the past three years.

II. MONITORING PROGRAM

The TPO completed the SMART Demonstration Program Evaluation Criteria & Monitoring Study with the purpose to establish common criteria to monitor, evaluate, and assess the success of the projects which compose the SMART Demonstration Program. The team developed an evaluation process which includes both qualitative and quantitative aspects of a project's contributions to the transit environments. A monitoring program was developed to evaluate the success of implemented SMART Demonstration projects.

III. REPORTING METRICS

Evaluation criteria and monitoring tools were established to monitor, evaluate, and assess the success of the projects which compose the SMART Demonstration Program. These reporting metrics are consistent with the National Transit Database and the report collected by funding agencies in Miami-Dade. This streamlines the process for transportation partner agencies. The evaluation criteria being reported quarterly includes the following:





RIDERSHIP GROWTH PERCENTAGE

COST PER REVENUE MILE



ROUTE PRODUCTIVITY

A Rider Conversion Survey and Survey Rating will be conducted and reported annually.

RIDERSHIP

PER QUARTER

- The Ridership per Quarter is measured by the total boardings for the quarter being reported.
- The Ridership Growth Percentage is measured by the growth in ridership between reporting periods.
- The **Cost per Revenue Mile** is measured by dividing the average weekday net operating cost per quarter by the average weekday scheduled revenue miles per quarter.
- The ROUTE Productivity is measured by the average weekday scheduled revenue hours per quarter.
- An annual survey will be conducted with questions that will assist in measuring the rate of rider satisfaction, commuting experience and rider conversion.

IV. CONCLUSION

The quarterly reports attached include the evaluation criteria results for fifteen (15) of the demonstration projects that have been launched prior or during the reporting period of January 1 – March 31, 2021. It is important to note that the data for this reporting period has been collected during the Covid-19 pandemic.





Figure 1 - SMART Plan Map

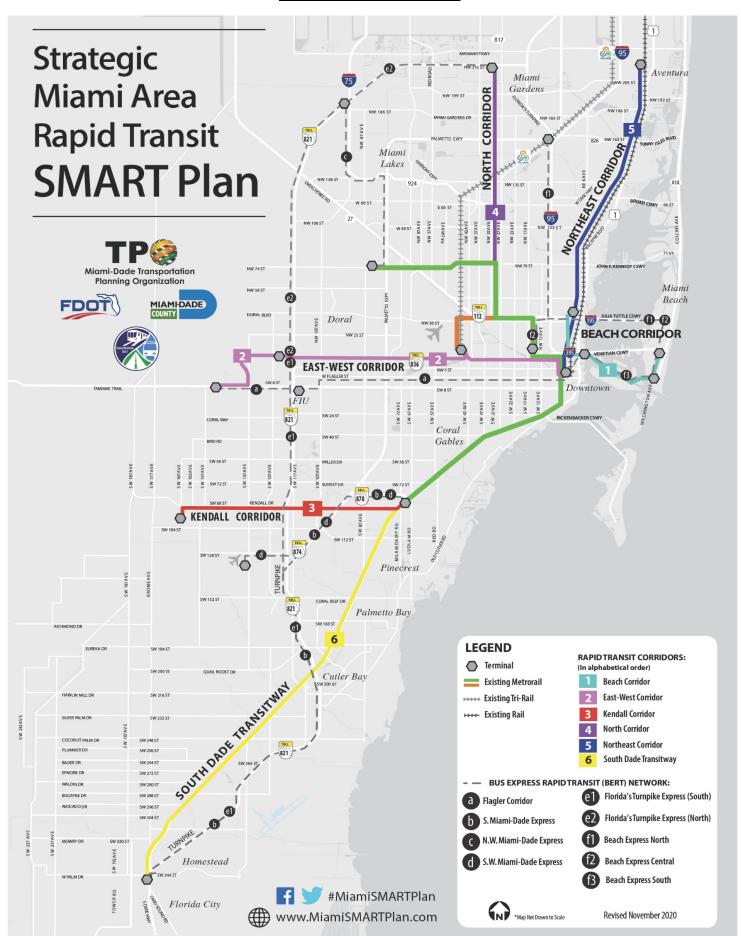
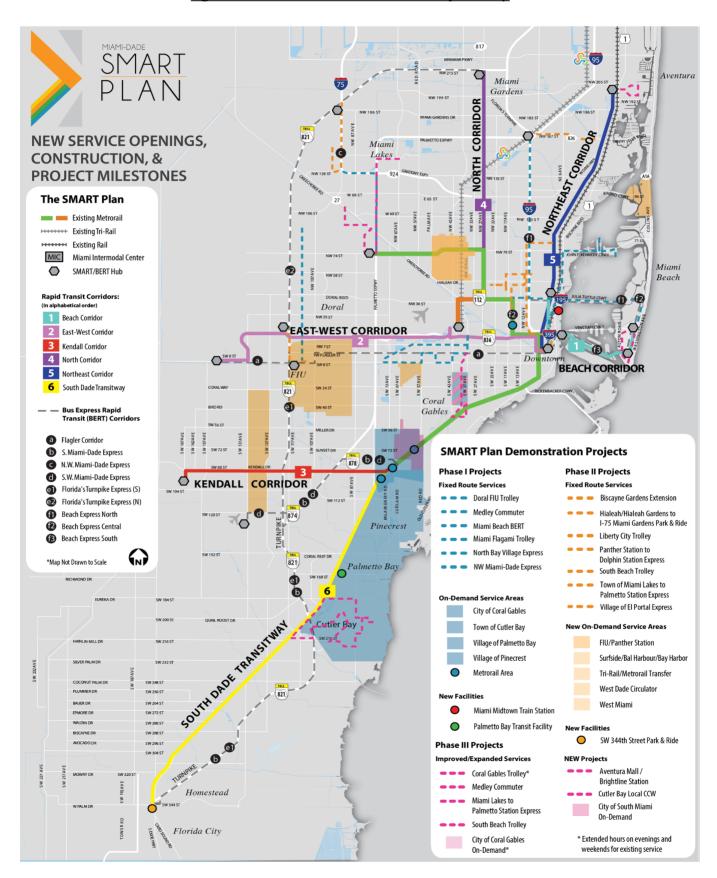




Figure 2 - SMART Plan Demonstration Projects Map



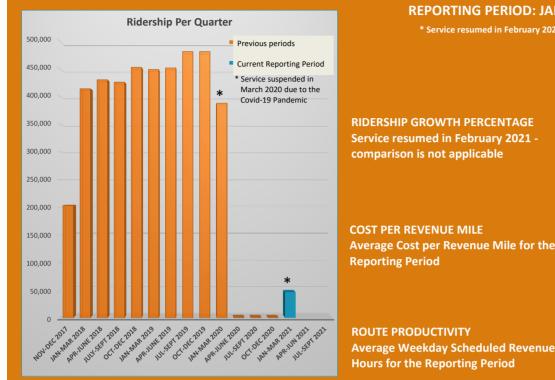


Quarterly Reports

Reporting Period

January 1 to March 31, 2021





REPORTING PERIOD: JANUARY 1 - MARCH 31. 2021

* Service resumed in February 2021 with reduced service levels

RIDERSHIP GROWTH PERCENTAGE Service resumed in February 2021 comparison is not applicable



N/A



Average Cost per Revenue Mile for the **Reporting Period**



\$16.27





87.00 hr

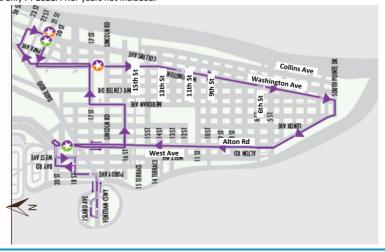
PROJECT DESCRIPTION

South Beach Trolley serves as a local feeder to regional transit and provides a convenient connection to residents and visitors between high density residential areas, senior centers, parks and hotels to work and nonwork destinations including the Miami Beach Convention Center, City Center, Lincoln Road Mall and City Hall. The South Beach Trolley service replaced the County operated South Beach Local service. Funded as a Demonstration Project in FY 2021.

SMART PLAN CONNECTIVITY

First-Last Mile connection to Miami Beach Convention Center in South Beach area

SERVICE SCHEDULE	TPO APPROVAL	TOTAL FUNDING	FUNDING SUMMARY
SOUTH BEACH TROLLEY Sunday - Saturday 8:00 AM - 11:00 PM	June 20, 2019 (TPO Resolution #37-19)	\$5,001,450 **	Funded FY 2021 (Service Development Program) State Funds
** Funding reflects only FY 2021 Prior years not included			







SMART DEMONSTRATION PROJECT QUARTERLY REPORT

City of Miami - Flagami Trolley Service - Service Start Date - October 2018



The Miami-Dade Transportation Planning Organization (TPO), in partnership with the Florida Department of Transportation, the Citizen's Independent Transportation Trust, the Department of Transportation and Public Works and municipalities throughout Miami-Dade County has coordinated to advance the SMART Plan with the opening of numerous SMART Plan Demonstration projects. These demonstration projects focus on increasing first-last mile connectivity to existing and future SMART Plan transit stations and on-demand and enhanced integration of transit services at county and municipal levels.



PROJECT DESCRIPTION

The Flagami Trolley provides for an increase in trolley operations in the City of Miami by providing and promoting multimodal transportation options via its connections to the Little Havana Trolley Route, the City of Coral Gables Trolley and the Miami Intermodal Center which connects to Tri-Rail, Greyhound, Airport MIA Mover and Amtrak.

TOTAL FUNDING

SMART PLAN CONNECTIVITY

FLAGAMI TROLLEY

Provides connectivity to Miami Intermodal Center, with connections to Metrorail and Tri-Rail

TPO APPROVAL

June 21, 2018

6:30 AM - 11:00 PM		
Miami Miami	TR ® LLEY — DERIMESER	80 117 Miami Intermodal Center
Legend	F	The wassers
Coral Gables Trolley	7 %	am.ciRe 8
FlagamiTrolley N		_///
		1
	536 NW. 521H.ST	
NW	SW 7th Stree	
72/10		
Avenue		
i i	W Flagler Street	
	SW Sth Street	→
A///A	E A A E I E I I I I I I I I I I I I I I	SW 42nd Av
		Avenue

FUNDING SUMMARY
Funded FYs 2019, 2020 & 2021
(Service Development Program)
State Funds

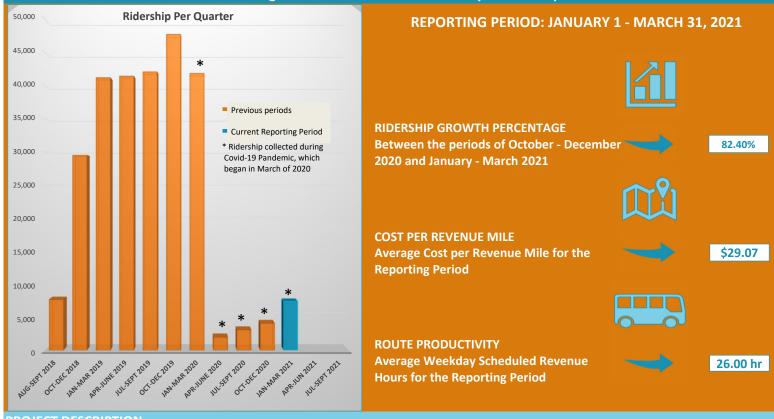




SMART DEMONSTRATION PROJECT QUARTERLY REPORT City of Doral - FIU Trolley Service - Service Start Date - August 2018



The Miami-Dade Transportation Planning Organization (TPO), in partnership with the Florida Department of Transportation, the Citizen's Independent Transportation Trust, the Department of Transportation and Public Works and municipalities throughout Miami-Dade County has coordinated to advance the SMART Plan with the opening of numerous SMART Plan Demonstration projects. These demonstration projects focus on increasing first-last mile connectivity to existing and future SMART Plan transit stations and on-demand and enhanced integration of transit services at county and municipal levels.



PROJECT DESCRIPTION

The Doral FIU Trolley Route provides connection to and from the FIU campus. This route provides a convenient and dependable transportation alternative for FIU students, faculty and staff. The Doral Trolley also offers connection to shopping centers, outstanding restaurants, beautiful parks and recreation, and a connection for the Palmetto Metrorail Station.

SMART PLAN CONNECTIVITY

Provides connectivity to Palmetto Metrorail Station and FIU Panther Station (Route 4)

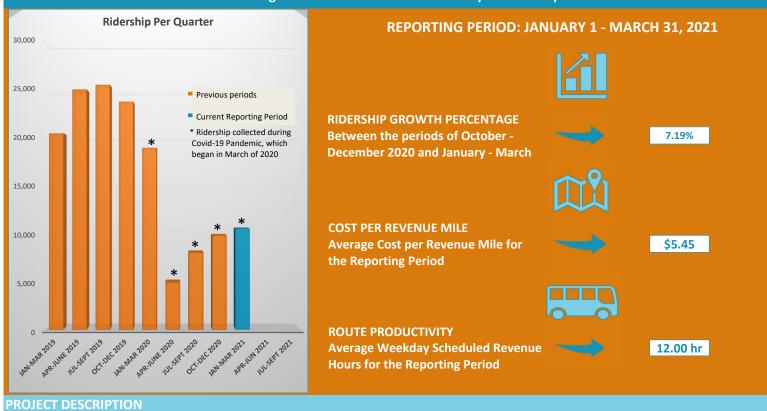
Provides connectivity to Palmetto Metrorall Station and FIU Panther Station (Route 4)				
SERVICE SCHEDULE	TPO APPROVAL	TOTAL FUNDING	FUNDING SUMMARY	
ROUTE 4 Monday - Friday 6:40 AM - 8:15 PM	June 21, 2018 (TPO Resolution #30-18)	\$1,560,000	Funded FYs 2019, 2020 & 2021 (Service Development Program)	
3MV =201 3MV =201 3MV =501 3MV =5	23 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ROUTE 1 ROUTE 2 ROUTE 3 ROUTE 4 MIDTOWN DORAL PALMETTO METRORALL STATION DOWNTOWN DORAL MIAMI-DADE COLLEGE CITY PLACE DOUPHIN MALL MIAMI INTERNATIONAL MALL ENGINEERING CAMPUS 1.09 TOWER 0. MODESTO A. MAIDIQUE CAMPUS	FILE DORAL TROLLEY DORAL TROLLEY	

SMART DEMONSTRATION PROJECT QUARTERLY REPORT

City of Coral Gables - On-Demand Service - Service Start Date - February 2019



The Miami-Dade Transportation Planning Organization (TPO), in partnership with the Florida Department of Transportation, the Citizen's Independent Transportation Trust, the Department of Transportation and Public Works and municipalities throughout Miami-Dade County has coordinated to advance the SMART Plan with the opening of numerous SMART Plan Demonstration projects. These demonstration projects focus on increasing first-last mile connectivity to existing and future SMART Plan transit stations and on-demand and enhanced integration of transit services at county and municipal levels.



The Coral Gables On-Demand Service fills the First-Last Mile gap and provides direct connection to the Douglas Metrorail Station for riders not commuting on the Ponce Trolley Route. This project increases access to employment, recreational and cultural opportunities and facilitates access to regional transit options that reduce out-of-pocket transportation costs.

SMART PLAN CONNECTIVITY

Provides connectivity to Douglas Road Metrorail Station

SERVICE SCHEDULE
ON-DEMAND SERVICE
Monday - Friday
10:00 AM - 10:00 PM

TPO APPROVAL

June 21, 2018 (TPO Resolution #30-18) **TOTAL FUNDING**

\$1,258,398

FUNDING SUMMARY Funded FYs 2019, 2020 & 2021 (Service Development Program) State Funds



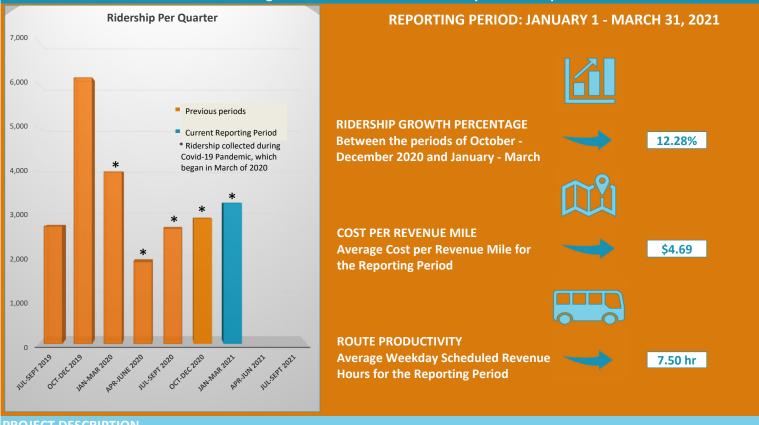




Village of Palmetto Bay - On-Demand Service - Service Start Date - July 2019



The Miami-Dade Transportation Planning Organization (TPO), in partnership with the Florida Department of Transportation, the Citizen's Independent Transportation Trust, the Department of Transportation and Public Works and municipalities throughout Miami-Dade County has coordinated to advance the SMART Plan with the opening of numerous SMART Plan Demonstration projects. These demonstration projects focus on increasing first-last mile connectivity to existing and future SMART Plan transit stations and on-demand and enhanced integration of transit services at county and municipal levels.

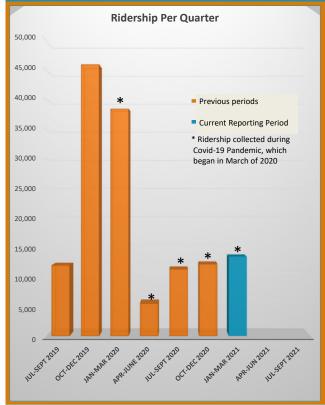


PROJECT DESCRIPTION

Implement an On-Demand Riding Service, through a third party provider, for residents to shuttle to several stops along the South Dade Transitway and within Palmetto Bay for ease of access and to increase mobility choices.

SMART PLAN CONNECTIVITY	SMART PLAN CONNECTIVITY			
Provides connectivity to Dadeland South Metrorail Station and South Dade Transitway				
SERVICE SCHEDULE	TPO APPROVAL	TOTAL FUNDING	FUNDING SUMMARY	
ON DEMAND SERVICE Monday - Sunday 7:00 AM - 7:00 PM	June 21, 2018 (TPO Resolution #30-18)	\$1,050,000	Funded FYs 2019, 2020 & 2021 (Service Development Program) State Funds	
lage of Palmetto Bay 0 1075 2150 Date: 3-0-0-00 15 Foot Palmetto Bay 10 College 1-0-0-00 15 RN Forty Forty	SW 144th St SW 152nd St SW 168th St	distribution of the second field		





REPORTING PERIOD: JANUARY 1 - MARCH 31, 2021



RIDERSHIP GROWTH PERCENTAGE
Between the periods of October - December
2020 and January - March 2021



呦

COST PER REVENUE MILE
Average Cost per Revenue Mile for the
Reporting Period



\$5.55

10.03%



ROUTE PRODUCTIVITY

Average Weekday Scheduled Revenue
Hours for the Reporting Period



16.50 hr

PROJECT DESCRIPTION

The Liberty City Trolley Route provides increased access and connectivity to public transportation for residents, visitors and businesses. The route connects the area of Liberty City to Allapattah Metrorail Station and the existing Little Haiti trolley route. The Liberty City route addresses circulator transit needs. Funded as a Demonstration Project in FY 2021.

SMART PLAN CONNECTIVITY

New First-Last mile connection to Allapattah Metrorail Station

SERVICE SCHEDULE
LIBERTY CITY TROLLEY
Monday - Saturday
6:30 AM - 10:00 PM

June 20, 2019 (TPO Resolution #37-19)

TPO APPROVAL

\$2,001,000 **

TOTAL FUNDING

Funded FY 2021 (Service Development Program) State Funds

FUNDING SUMMARY

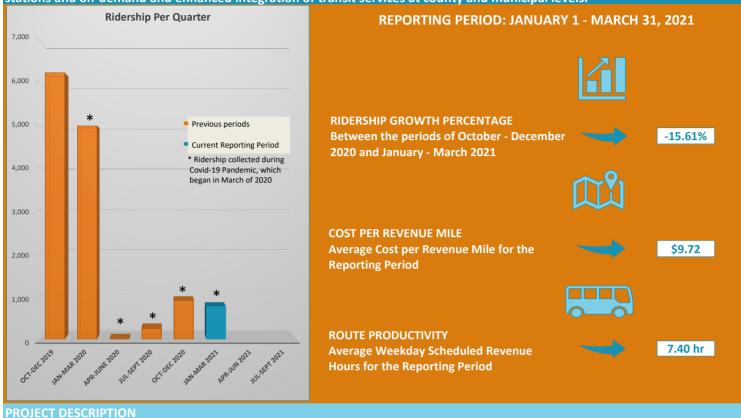
** Funding reflects only FY 2021. Prior years not included.







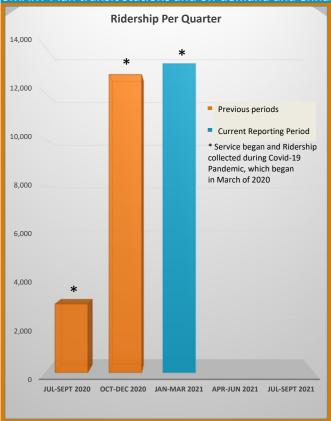




The West Miami On-Demand Service improves connectivity across West Miami between places of interest such as Parks, City

MART PLAN CONNECTIVITY			
rovides connectivity to the			
SERVICE SCHEDULE	TPO APPROVAL	TOTAL FUNDING	FUNDING SUMMARY
ON DEMAND SERVICE Monday - Friday 11:00 AM - 8:00 PM Saturday 11:00 AM - 3:00 PM	June 20, 2019 (TPO Resolution #37-19)	\$60,000 **	Funded FY 2021 (Service Development Program) State Funded
POINT: 1. City H: 2. Coppe 3. Recree 4. Nickla: 5. Walma 6. Publix 7. Sabor	P / DROP-OFF IERE WITHIN BOUNDARIES S OF INTEREST: all r Park stion Center us Children's Hospital art	SW 8th St SW 14th St 2 6	





REPORTING PERIOD: JANUARY 1 - MARCH 31, 2021



ROUTE GROWTH PERCENTAGE

Between the periods of October - December 2020 and January - March 2021



COST PER REVENUE MILE

Average Cost per Revenue Mile for the Reporting Period



\$2.58

3.66%



ROUTE PRODUCTIVITY

TOTAL FUNDING

Average Weekday Scheduled Revenue Hours for the Reporting Period



12.00 hr

PROJECT DESCRIPTION

The FIU/Panther Station On Demand Service provides First-Last Mile On-Demand Transit Service connectivity to a 2-mile service area around FIU/Panther Station. Service area includes the Fontainebleau neighborhood to the north, SW 40 Avenue to the south, SW 97 Avenue to the east and SW 117 Avenue to the west.

SMART PLAN CONNECTIVITY

SERVICE SCHEDULE

Provides connectivity to Panther Station and the East-West Corridor

ON DEMAND SERVICE Monday - Friday 7:00 AM - 7:00 PM	June 20, 2019 (TPO Resolution #37-19)	\$405,000
Frommeters and Property of Particles of Engineering & Computing Margaretic Ma	Tamiami Trail Tamiam	SW 102nd Ave

TPO APPROVAL

FUNDING SUMMARY
Funded FY 2021
(Service Development Program)
State Funded









PROJECT DESCRIPTION

The Dadeland On-Demand Service provides the First-Last Mile connection To/From Dadeland Area including Dadeland South, Dadeland North and South Miami Metrorail Stations. Dynamically routed, on-demand, mobile app-based transit service model to provide nearby door-to-door rides to and from Metrorail Stations.

SMART PLAN CONNECTIVITY

Provides connectivity to areas adjacent to the Dadeland Area Metrorail Stations: Dadeland South, Dadeland North and South

SERVICE SCHEDULE	TPO APPROVAL	TOTAL FUNDING	FUNDING SUMMARY
ON DEMAND SERVICE Mon-Fri: 6:30a-7:00p Sat 8:00a-8p Sun 8:00a-5:00p	June 20, 2019 (TPO Resolution #37-19)	\$800,000 **	Funded FY 2021 (CMAQ) Federal Funds
** Funding distributed by DTPW between I	Dadeland and Civic Center with no pre-det	termined share.	
Snapper Creek Expy		3 Gare Hury	GONES
	Dadeland North Metrorall Station		
	Metrorail Station	13	12





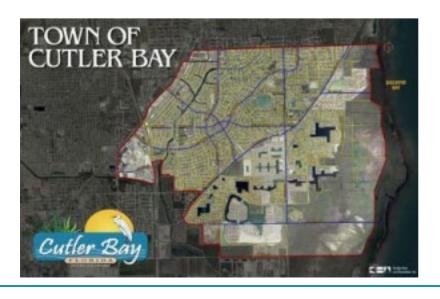
PROJECT DESCRIPTION

The Town of Cutler Bay "Go Connect" Express Service provides the First-Last Mile connection To/From the Town of Cutler Bay. Dynamically routed, on-demand, mobile app-based transit service model to provide nearby door-to-door rides to and from Metrorial Stations.

SMART PLAN CONNECTIVITY

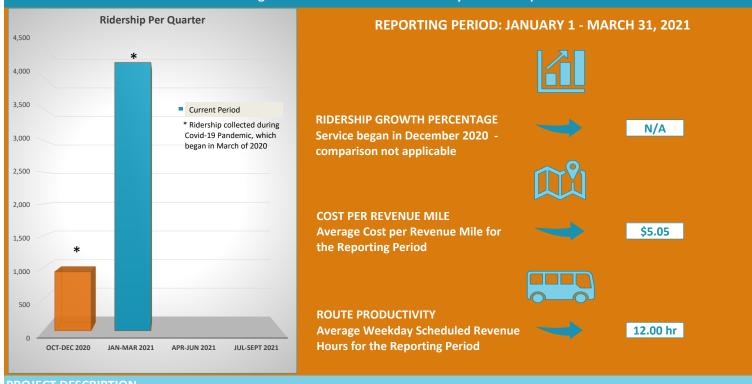
Provides connectivity to six Bus Transitway stations from SW 184th Street to SW 220th Street (South Corridor)

SERVICE SCHEDULE	TPO APPROVAL	TOTAL FUNDING	FUNDING SUMMARY
ON DEMAND SERVICE Monday - Friday 5:30 AM - 8:00 PM	June 18, 2020 (TPO Resolution #20-2020)	\$1,155,000	Funded FYs 2019, 2020 & 2021 (Service Development Program) State Funded









PROJECT DESCRIPTION

The South Miami Freebee provides on-demand connections to/from the city downtown to the residential areas both to the north and south of US-1. The South Miami Metrorail Station also allows connections via rail to access other parts of the County and beyond. This project facilitates first and last mile multi-modal movement.

SMART PLAN CONNECTIVITY

Provides connectivity to Sout	th Miami Metrorail Station				
SERVICE SCHEDULE	TPO APPROVAL	TOTAL FUNDING	FUNDING SUMMARY		
ON-DEMAND SERVICE	June 18, 2020 (TPO Resolution #20-2020)	\$212,440 **	Funded FY 2022		
Mon - Fri: 7:00a - 7:00p			(Service Development Program)		
Sat: 10:00a - 10:00p	(TPO Resolution #20-2020)		State Funds		
** Program originally started by South Miami in FY 2019 using local funds. TPO funding to begin in FY 2022.					
Z SW 57th Ave	SW 57th Ave	SW 57th Ave			











PROJECT DESCRIPTION

The Civic Center "Go Connect" On-Demand Service provides the First-Last Mile connections To/From the Civic Center Metrorail Station. The Civic Center Health District serves major employment, healthcare and education centers.

TOTAL FUNDING

SMART PLAN CONNECTIVITY

SERVICE SCHEDULE

ON DEMAND SERVICE

Provides connectivity to the Civic Center Metrorail Station and adjacent areas

TPO APPROVAL

Monday - Friday 6:30 AM - 7:00 PM	June 20, 2019 (TPO Resolution #3		\$800,000 **
** Funding distributed by DTPW between N NW 21st St		no pre-dete	Park New Mia Ce
			Lyric Theater

FUNDING SUMMARY Funded FY 2021 (CMAQ) **Federal Funds**







PROJECT DESCRIPTION

The West Dade Circulator implements a dynamically routed, on-demand transit service in the West Kendall area to better understand the demand for the area and how to meet customer needs. The ability to modify the route based on real-time passenger demand within the designated boundary provides an opportunity to reach greater overall coverage of the area.

SMART PLAN CONNECTIVITY

Provides connectivity to the Kendall Corridor

Trovides connectivity to the kendan corridor						
SERVICE SCHEDULE	TPO APPROVAL	TOTAL FUNDING	FUNDING SUMMARY			
ON DEMAND SERVICE Monday - Friday 6:00 AM - 7:00 PM	June 20, 2019 (TPO Resolution #37-19)	\$1,350,000	Funded FY 2021 (Service Development Program) State Funded			
SW 26 Street	SW 137 Avenue ired Vehicles for a 10.5 sq. mile Service Area: 9 Peak Vehicles 4 Off-Peak Vehicles SW 157 Avenue	SW 120 Street	TO LECT			
			16			

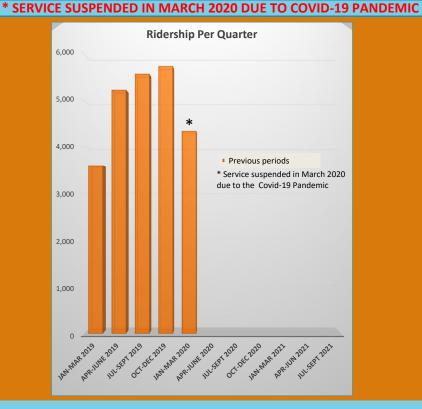


Quarterly Reports

The following Demonstration Projects began service prior to 2020. Subsequently, these services were suspended in March 2020 due to the COVID-19 Pandemic.



REPORTING PERIOD: JANUARY 1 - MARCH 31, 202



PROJECT DESCRIPTION

The Pinecrest Transitway Circulator provides First-Last Mile connectivity to the South-Dade Transitway and Metrorail by providing a unique alternative that helps relieve congestion and minimizes single-passenger vehicles in the village, particularly during morning and afternoon commutes. Additionally, this relieves parking issues at the Dadeland South Station.

SMART PLAN CONNECTIVITY

Provides connectivity to Dadeland South Metrorail Station and South Dade Transitway **TPO APPROVAL**

SERVICE SCHEDULE
ON DEMAND SERVICE
Monday - Friday
7:00 AM - 7:00 PM
Saturday
10:00 AM - 10:00 PM

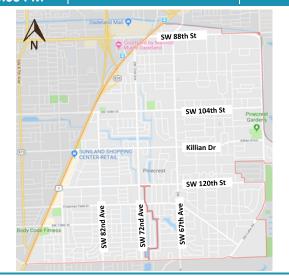
June 21, 2018 (TPO Resolution #30-18)

\$577,326

TOTAL FUNDING

Funded FYs 2019, 2020 & 2021 (Service Development Program) **State Funds**

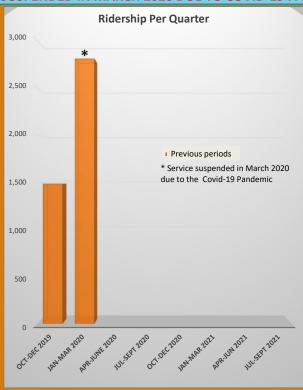
FUNDING SUMMARY







* SERVICE SUSPENDED IN MARCH 2020 DUE TO COVID-19 PANDEMIC



PROJECT DESCRIPTION

The North Bay Village On-Demand Service provides First-Last Mile connection from residential and commercial areas in North Bay Village to the Metromover OMNI Station.

SMART PLAN CONNECTIVITY	1		
Provides connectivity to the	Metromover OMNI Station		
SERVICE SCHEDULE	TPO APPROVAL	TOTAL FUNDING	FUNDING SUMMARY
ON DEMAND SERVICE Monday - Friday 7:00 AM - 7:00 PM Saturday 10:00 AM - 6:00 PM	June 21, 2018 (TPO Resolution #30-18)	\$300,000	Funded FYs 2019, 2020 & 2021 (Service Development Program) State Funds
Miami Shores Country Clies		NORTH B	







