



MIAMI-DADE
SMART

PLAN
DEMONSTRATION
PROGRAM

Quarterly Report
Reporting Period
October - December, 2020

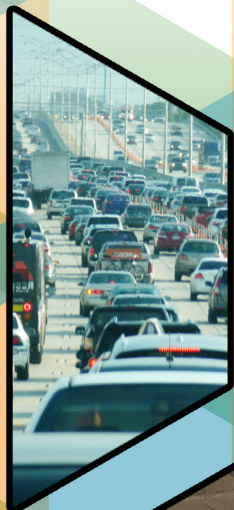


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I. INTRODUCTION

The Strategic Miami Area Rapid Transit (SMART) Plan, shown in Figure 1, is a comprehensive program which identifies six corridors proposed for advancement toward 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.

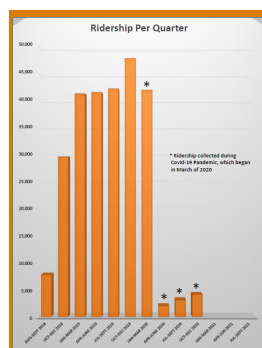
Pursuant to Resolution No. 14-18 and No. 29-18, the Miami-Dade Transportation Planning Organization (TPO), in partnership with the Florida Department of Transportation (FDOT), the Citizen’s Independent Transportation Trust (CITT), The Department of Transportation and Public Works (DTPW), South Florida 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-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 reporting reports already 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 PER QUARTER



RIDERSHIP GROWTH PERCENTAGE



RIDERSHIP PRODUCTIVITY



COST PER REVENUE MILE

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

- 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 **Ridership 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 10 of the demonstration projects that have been launched prior or during the reporting period of October 1 – December 31, 2020. It is important to note that the data for this reporting period has been collected during the Covid-19 pandemic.

FIGURE 1

Figure 1 - SMART Plan Map

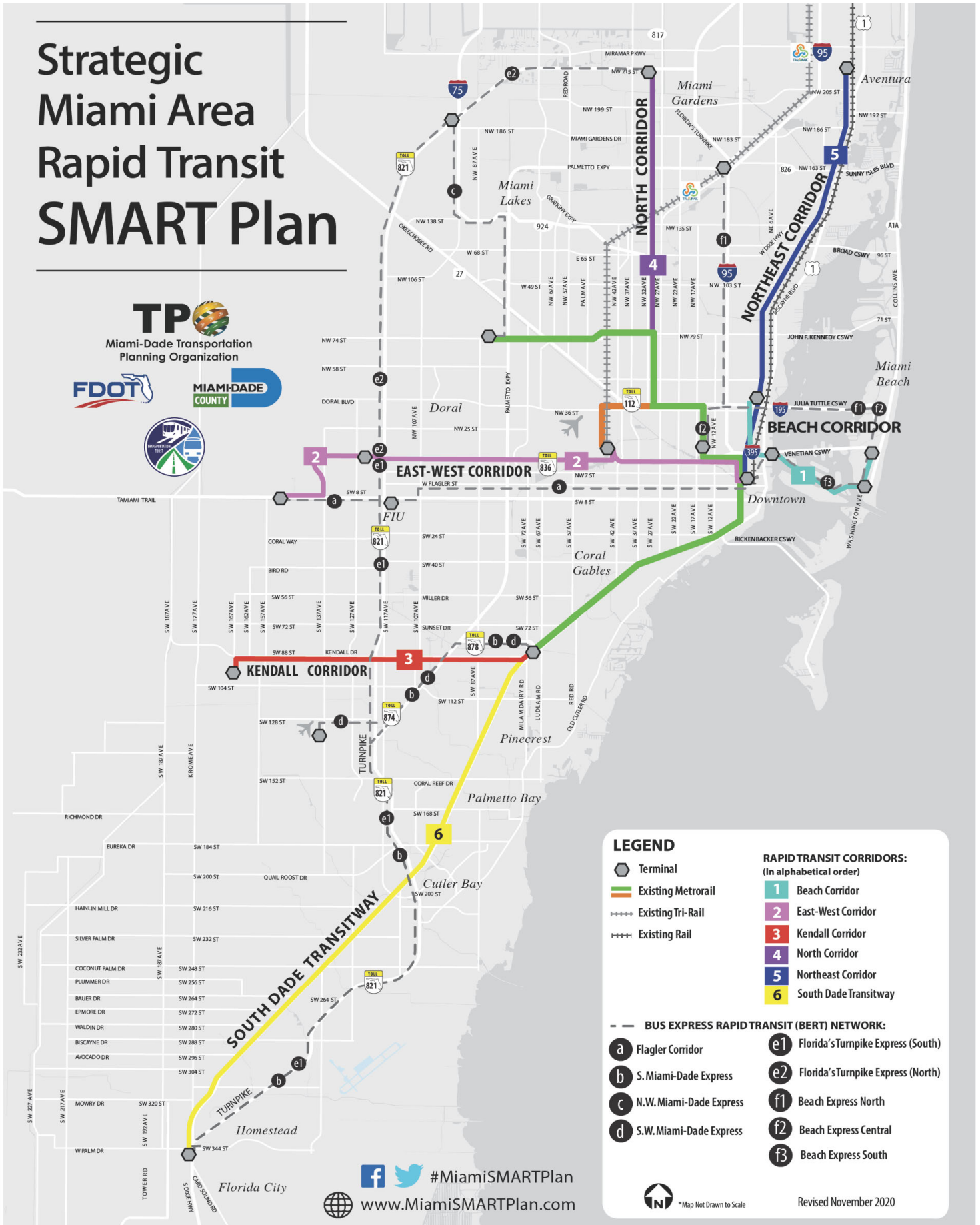
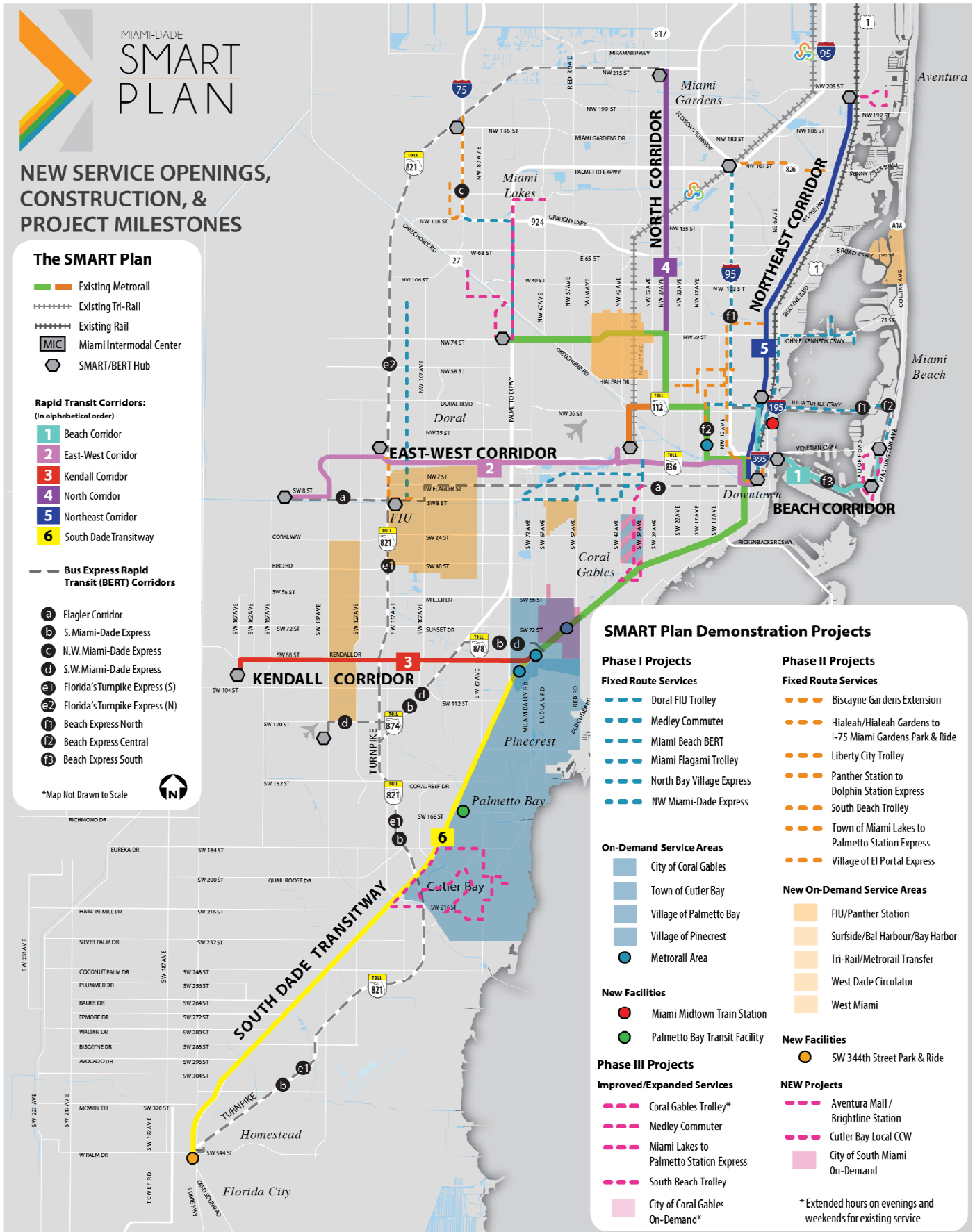


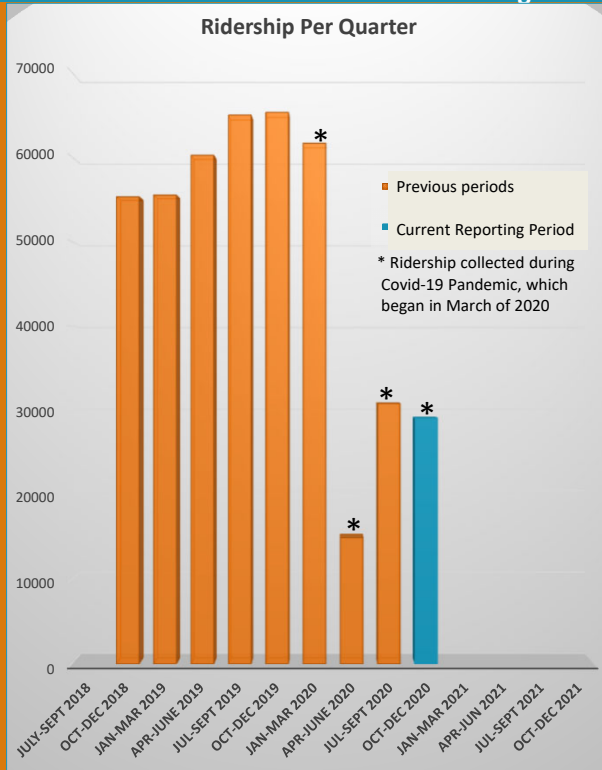
FIGURE 2

Figure 2 - SMART Plan Demonstration Projects Map



Quarterly Reports
Reporting Period
October 1 to December 31, 2020

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.



REPORTING PERIOD: OCTOBER 1 - DECEMBER 31, 2020

RIDERSHIP GROWTH PERCENTAGE
 Between the periods of July-September and October-December 2020



-5.59%

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



\$5.01

RIDERSHIP PRODUCTIVITY
 Average Weekday Scheduled Revenue Hours for the Reporting Period



16.50 hr

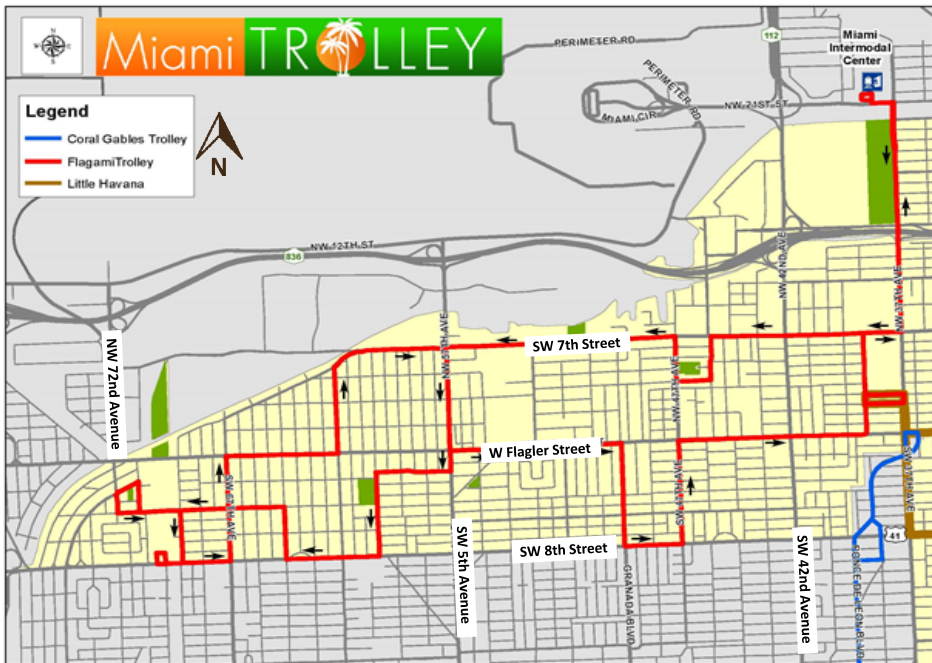
PROJECT DESCRIPTION

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.

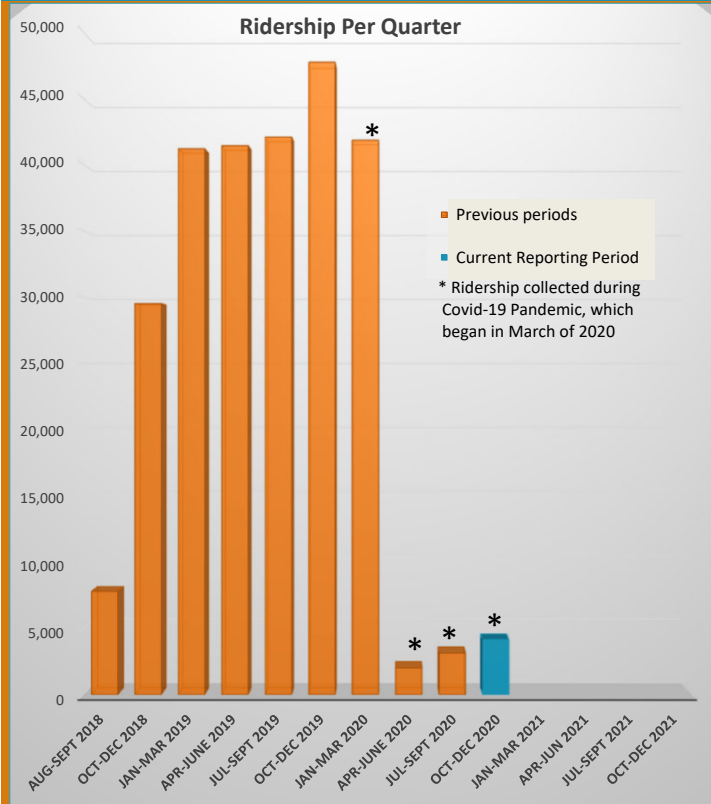
SMART PLAN CONNECTIVITY

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

SERVICE SCHEDULE	TPO APPROVAL	TOTAL COST	FUNDING SUMMARY
FLAGAMI TROLLEY Monday - Saturday 6:30 AM - 11:00 PM	June 21, 2018 (TPO Resolution #30-18)	\$3,600,000	Funded FYs 2019, 2020 & 2021 (Service Development Program) State Funds



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REPORTING PERIOD: OCTOBER 1 - DECEMBER 31, 2020

RIDERSHIP GROWTH PERCENTAGE
 Between the periods of July-September and October-December 2020
32.05%

COST PER REVENUE MILE
 Average Cost per Revenue Mile for the Reporting Period
\$45.38

RIDERSHIP PRODUCTIVITY
 Average Weekday Scheduled Revenue Hours for the Reporting Period
13.57 hr

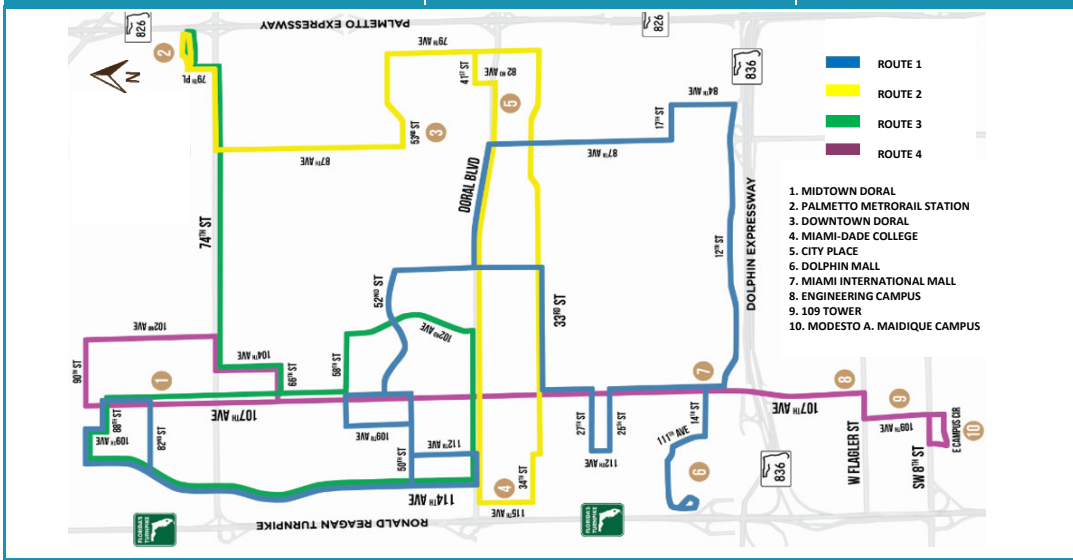
PROJECT DESCRIPTION

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.

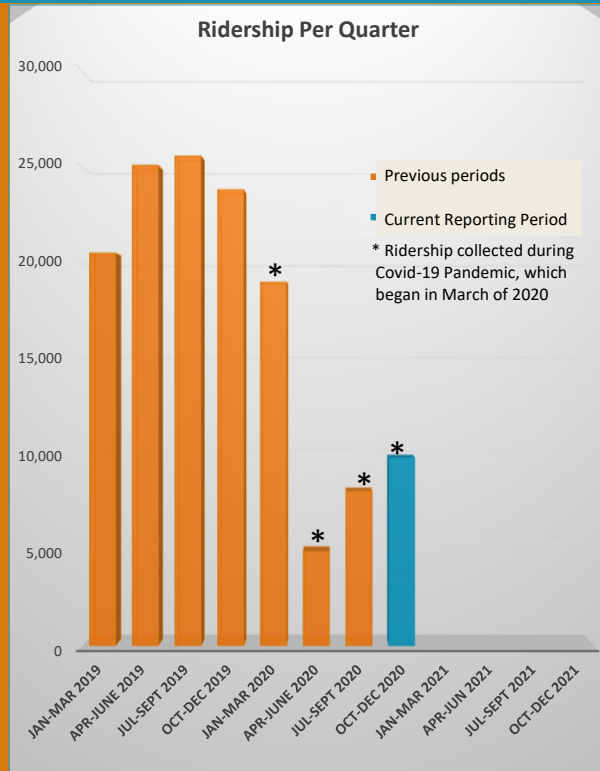
SMART PLAN CONNECTIVITY

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

SERVICE SCHEDULE	TPO APPROVAL	TOTAL COST	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) \$260,000 per year in State Funds



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REPORTING PERIOD: OCTOBER 1 - DECEMBER 31, 2020

RIDERSHIP GROWTH PERCENTAGE
 Between the periods of July-September and October-December 2020
21.82%

COST PER REVENUE MILE
 Average Cost per Revenue Mile for the Reporting Period
\$5.60

RIDERSHIP PRODUCTIVITY
 Average Weekday Scheduled Revenue Hours for the Reporting Period
12.00 hr

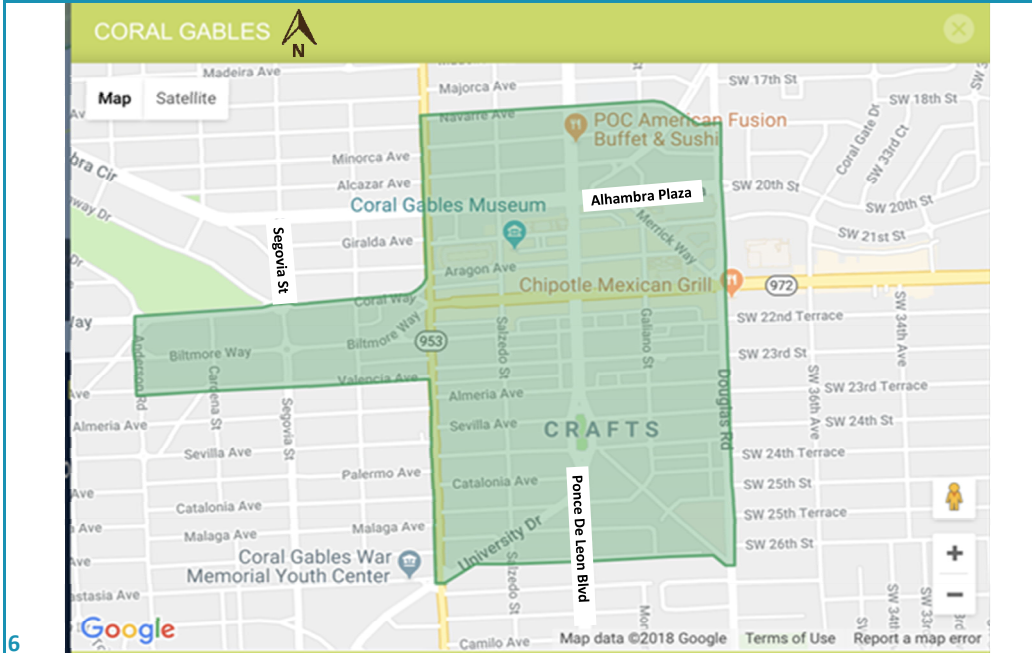
PROJECT DESCRIPTION

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.

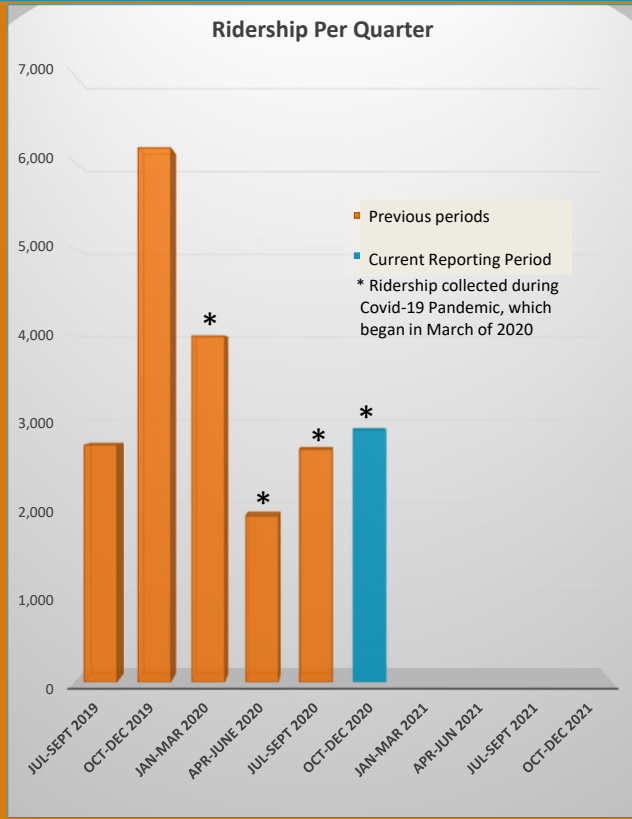
SMART PLAN CONNECTIVITY

Provides connectivity to Douglas Road Metrorail Station

SERVICE SCHEDULE	TPO APPROVAL	TOTAL COST	FUNDING SUMMARY
ON-DEMAND SERVICE Monday - Friday 10:00 AM - 10:00 PM	June 21, 2018 (TPO Resolution #30-18)	\$1,258,398	Funded FYs 2019, 2020 & 2021 (Service Development Program) State Funds



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REPORTING PERIOD: OCTOBER 1 - DECEMBER 31, 2020

RIDERSHIP GROWTH PERCENTAGE
Between the periods of July-September and October-December 2020



8.31%

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



\$5.81

RIDERSHIP PRODUCTIVITY
Average Weekday Scheduled Revenue Hours for the Reporting Period



12.00 hr

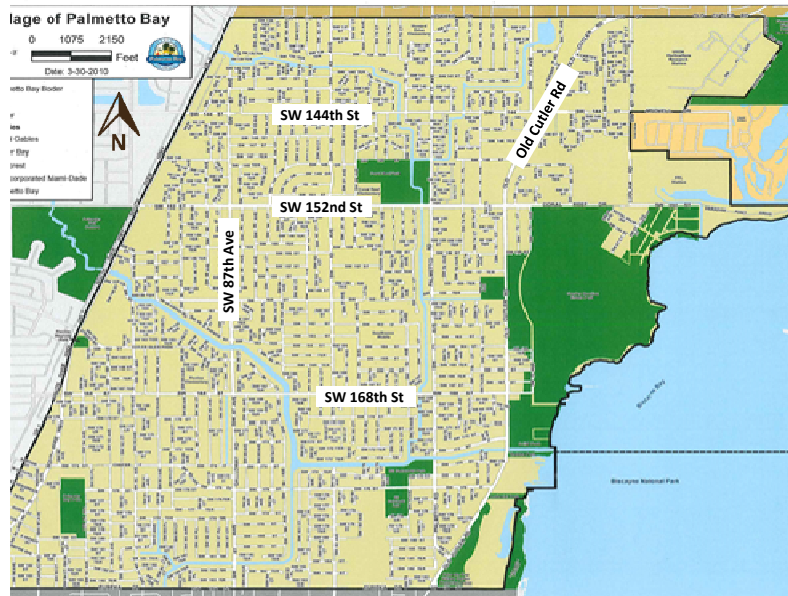
PROJECT DESCRIPTION

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.

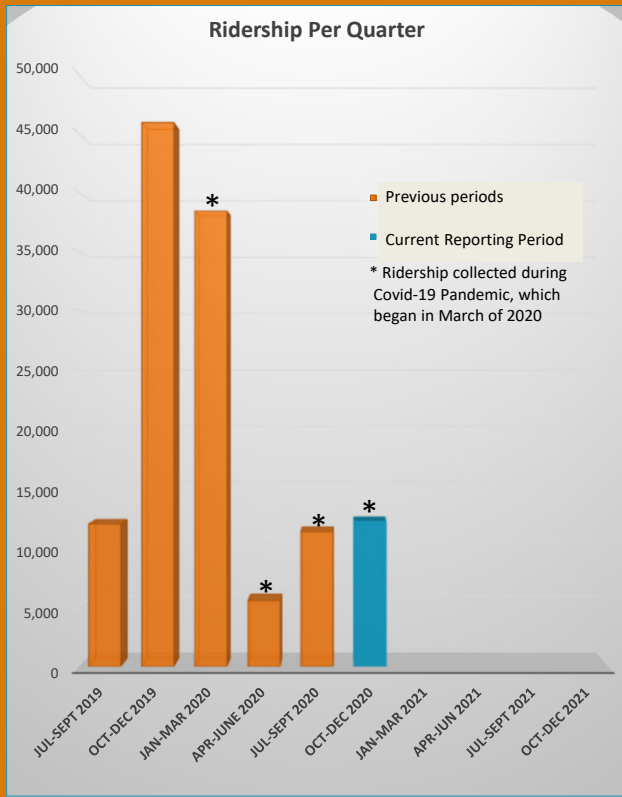
SMART PLAN CONNECTIVITY

Provides connectivity to Dadeland South Metrorail Station and South Dade Transitway

SERVICE SCHEDULE	TPO APPROVAL	TOTAL COST	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



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REPORTING PERIOD: OCTOBER 1 - DECEMBER 31, 2020

RIDERSHIP GROWTH PERCENTAGE

Between the periods of July-September and October-December 2020



7.76%

COST PER REVENUE MILE

Average Cost per Revenue Mile for the Reporting Period



\$5.41

RIDERSHIP PRODUCTIVITY

Average Weekday Scheduled Revenue Hours for the Reporting Period



15.50 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.

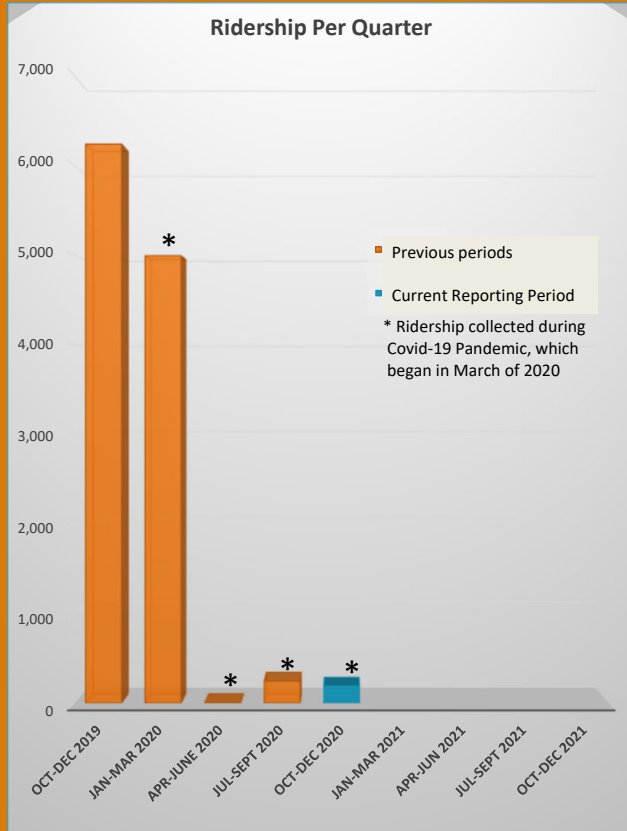
SMART PLAN CONNECTIVITY

New First-Last mile connection to Allapattah Metrorail Station

SERVICE SCHEDULE	TPO APPROVAL	TOTAL COST	FUNDING SUMMARY
LIBERTY CITY TROLLEY Monday - Saturday 6:30 AM - 10:00 PM	June 20, 2019 (TPO Resolution #37-19)	\$1,000,500	Funded FYs 2021 (Service Development Program) State Funds



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REPORTING PERIOD: OCTOBER 1 - DECEMBER 31, 2020

RIDERSHIP GROWTH PERCENTAGE
 Between the periods of July-September
 and October-December 2020



-22.76%

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



\$11.60

RIDERSHIP PRODUCTIVITY
 Average Weekday Scheduled Revenue
 Hours for the Reporting Period



9.00 hr

PROJECT DESCRIPTION

The West Miami On-Demand Service improves connectivity across West Miami between places of interest such as Parks, City Hall and Nicklaus Children's Hospital.

SMART PLAN CONNECTIVITY

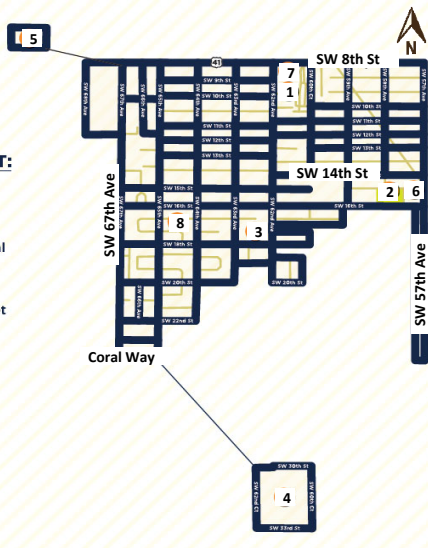
Provides connectivity to the Flagler Corridor

SERVICE SCHEDULE	TPO APPROVAL	TOTAL COST	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 #30-19)	\$60,000	Funded FY 2021 (Service Development Program) State Funded

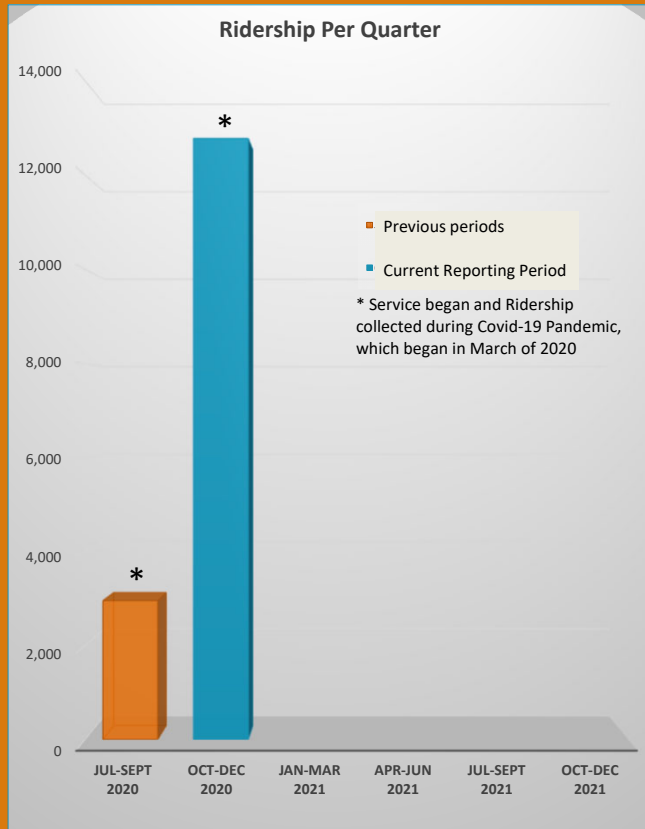
PICK-UP / DROP-OFF
 ANYWHERE WITHIN
 THESE BOUNDARIES

POINTS OF INTEREST:

1. City Hall
2. Cooper Park
3. Recreation Center
4. Nicklaus Children's Hospital
5. Walmart
6. Publix
7. Sabor Tropical Supermarket
8. West Miami Park



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REPORTING PERIOD: OCTOBER 1 - DECEMBER 31, 2020

RIDERSHIP GROWTH PERCENTAGE

Between the periods of July-September and October-December 2020



332.42%

COST PER REVENUE MILE

Average Cost per Revenue Mile for the Reporting Period



\$2.45

RIDERSHIP PRODUCTIVITY

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.

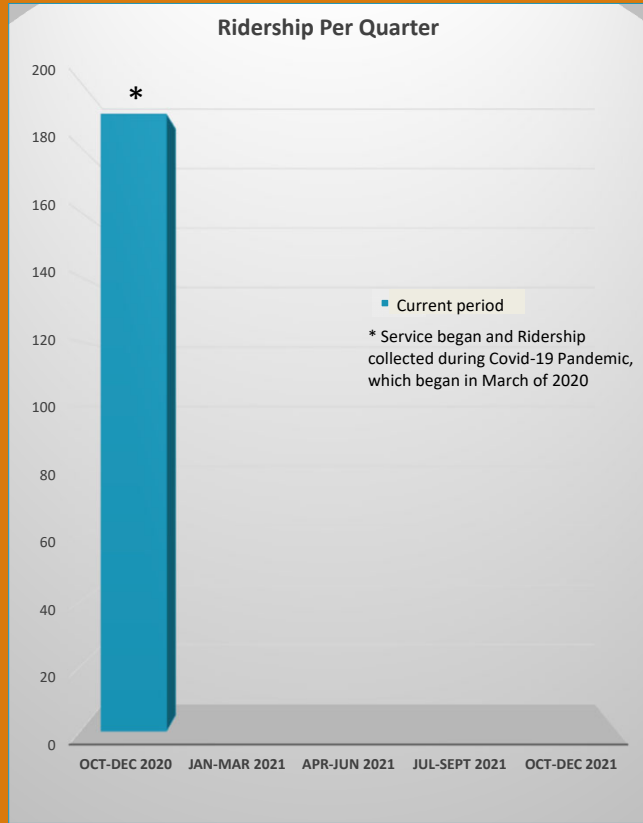
SMART PLAN CONNECTIVITY

Provides connectivity to Panther Station and the East-West Corridor

SERVICE SCHEDULE ON DEMAND SERVICE	TPO APPROVAL	TOTAL COST	FUNDING SUMMARY
Monday - Friday 7:00 AM - 7:00 PM	June 20, 2019 (TPO Resolution #30-19)	\$405,000	Funded FY 2021 (Service Development Program) State Funded



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REPORTING PERIOD: OCTOBER 1 - DECEMBER 31, 2020

* Service began in October 2020
 ** This information is currently not available

RIDERSHIP GROWTH PERCENTAGE

Between the periods of July-September and October-December 2020



N/A *

COST PER REVENUE MILE

Average Cost per Revenue Mile for the Reporting Period



N/A **

RIDERSHIP PRODUCTIVITY

Average Weekday Scheduled Revenue Hours for the Reporting Period



12.50 hr

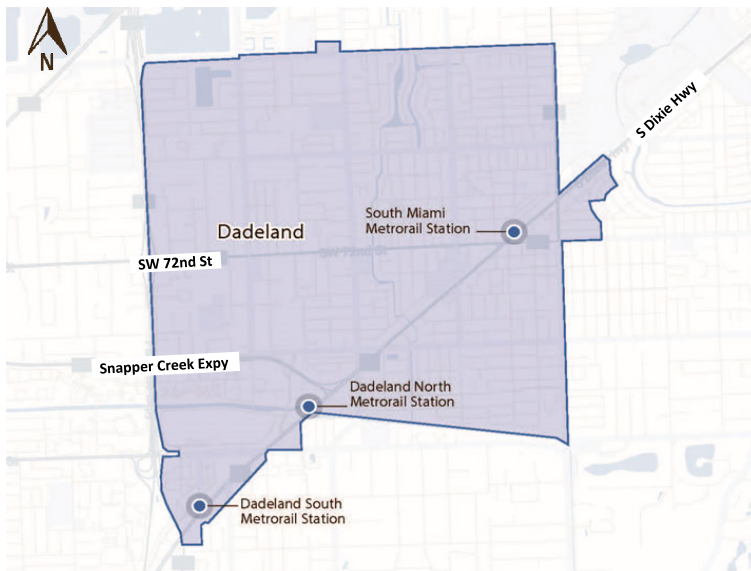
PROJECT DESCRIPTION

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 Miami

SERVICE SCHEDULE	TPO APPROVAL	TOTAL COST	FUNDING SUMMARY
ON DEMAND SERVICE Monday - Friday 6:30 AM - 7:00 PM	June 20, 2019 (TPO Resolution #30-19)	\$800,000	Funded FY 2021 (CMAQ) Federal Funds



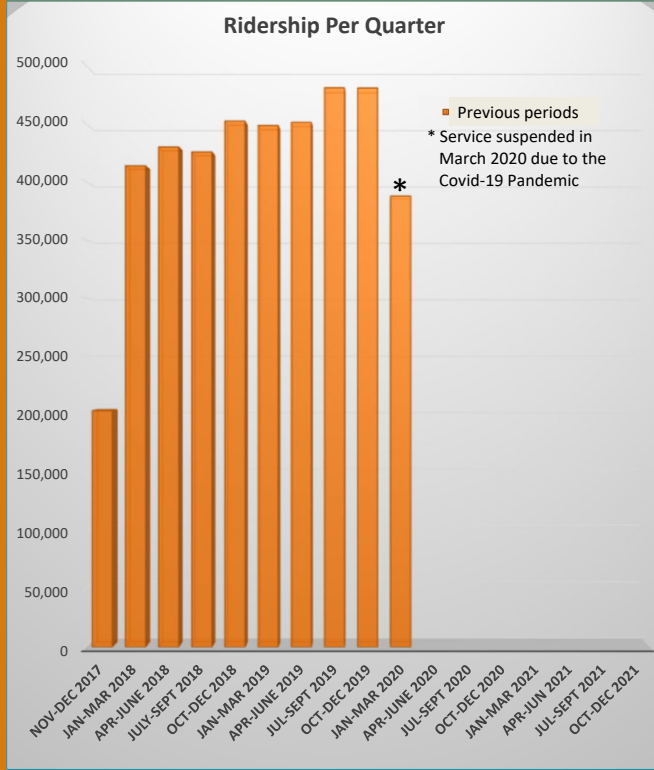
Quarterly Reports

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

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REPORTING PERIOD: OCTOBER 1 - DECEMBER 31, 2020

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



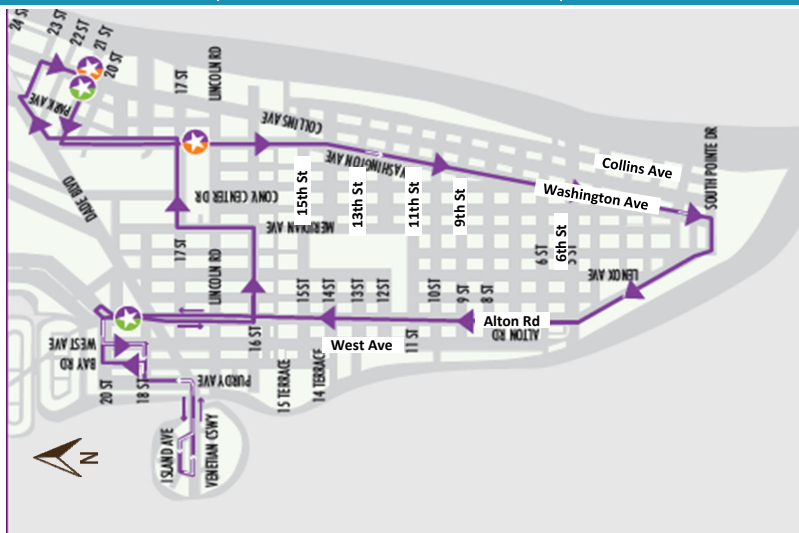
PROJECT DESCRIPTION

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.

SMART PLAN CONNECTIVITY

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

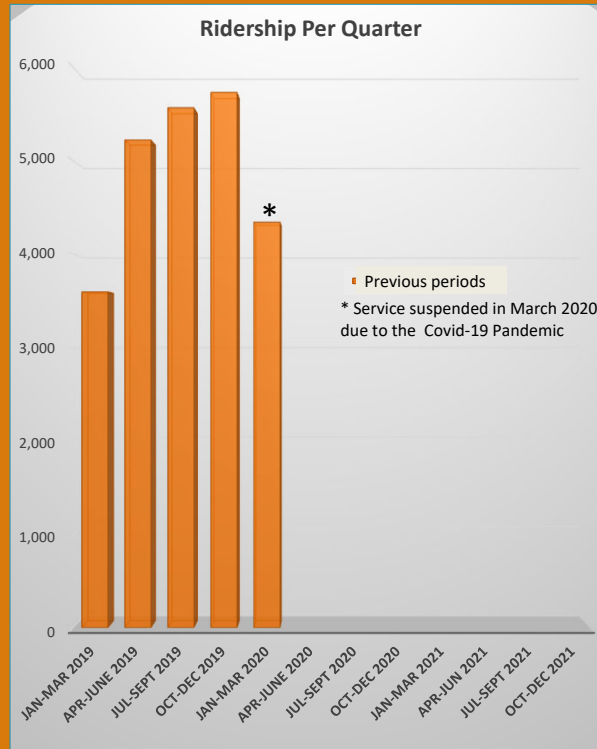
SERVICE SCHEDULE	TPO APPROVAL	TOTAL COST	FUNDING SUMMARY
SOUTH BEACH TROLLEY Sunday - Saturday 8:00 AM - 11:00 PM	June 20, 2019 (TPO Resolution #37-19)	\$5,001,450	Funded FYs 2021 (Service Development Program) State Funds



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REPORTING PERIOD: OCTOBER 1 - DECEMBER 31, 2020

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



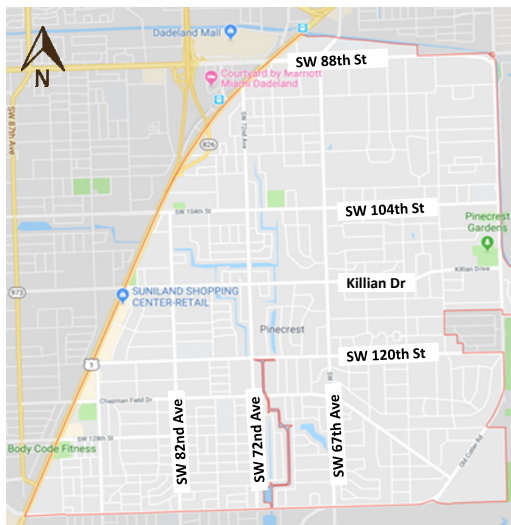
PROJECT DESCRIPTION

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

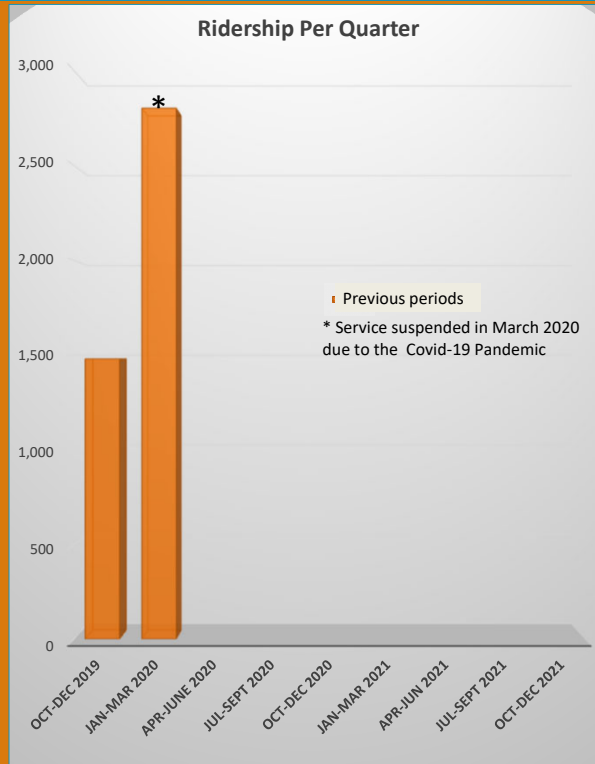
SERVICE SCHEDULE	TPO APPROVAL	TOTAL COST	FUNDING SUMMARY
ON DEMAND SERVICE Monday - Friday 7:00 AM - 7:00 PM Saturday 10:00 AM - 10:00 PM	June 21, 2018 (TPO Resolution #30-18)	\$577,326	Funded FYs 2019, 2020 & 2021 (Service Development Program) State Funds



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REPORTING PERIOD: OCTOBER 1 - DECEMBER 31, 2020

*** 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

Provides connectivity to the Metromover OMNI Station

SERVICE SCHEDULE	TPO APPROVAL	TOTAL COST	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-Dade Transportation
Planning Organization**

