

## NEW PROJECTS

The FY 2020-25 Five-Year Implementation Plan of the People’s Transportation Plan (PTP) includes several new projects to be funded with PTP funds. The following projects were proposed by the Department of Transportation and Public Works (DTPW), approved by the Citizens’ Independent Transportation Trust (CITT) for PTP funding and included in the FY 2020-25 Five-Year Implementation Plan.

PROJECT NAME	PROJECT DESCRIPTION	ESTIMATED PTP PROJECT AMOUNT
Northeast Corridor – West Aventura Station	The implementation of the SMART Plan objectives for the Northeast Corridor will be initiated by acquiring land to construct a West Aventura station platform on the existing privately-owned rail line (Brightline now Virgin Trains USA LLC) that will service commuters between Aventura and downtown Miami.	PTP:\$76,700,000
Northeast Corridor (Planning and Project Development)	To fully review and vet the project documents/deliverables developed by FDOT and its consultants.	PTP:\$1,143,000
North Corridor (Planning and Project Development)	To fully review and vet the project documents/deliverables developed by FDOT and its consultants. Advertised Request for Proposal and review bids.	PTP:\$2,286,000
Flagler Corridor (Planning and Project Development)	To fully review and vet the project documents/deliverables developed by FDOT and its consultants. Advertised Request for Proposal and review bids.	PTP:\$1,143,000
Park-and-Ride South Miami-Dade TransitWay and SW 112 Avenue (Phase 2)	Construction of a bus terminal and other enhancements to improve the passenger experience and overall bus operations at this location. Phase 1 of this project included land acquisition tasks and general landscaping and lighting improvements, which were completed in 2018.	PTP:\$6,955,000
Park-and-Ride South Dade TransitWay and SW 168 <sup>th</sup> Street (Phase 2)	Construction a Park-and-Ride garage with approximately 450 spaces to replace the existing surface Park-and-Ride facility at the TransitWay and SW 168th Street.	PTP:\$4,500,000
Dadeland South Intermodal Station	Construction of direct ramps to and from an elevated Bus Rapid Transit (BRT) platform at the Dadeland South Metrorail station platform level to provide seamless transfer between the TransitWay BRT service and the Metrorail service. This project will also include improvements and refurbishment to the existing Metrorail station to enhance passenger amenities and experience.	PTP:\$50,147,000
Bus Express Rapid Transit Network – Beach Express South	Implementation of new express bus service from the future MiamiCentral Station in Downtown Miami to the Miami Beach Convention Center. Design and construction activities include exclusive bus lanes, signing, new thermoplastic pavement markings/messages, exclusive bus lane painting, colored asphalt, passenger shelters, concrete bulb-outs, dimp, minor drainage improvements, updated traffic controls, and bus acquisition, etc.	PTP:\$9,422,000

## Northeast Corridor – West Aventura Station - **NEW**

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**Department: Department of Transportation and Public Works**

**Phase: Planning**

**Completion Date: TBD**

**Funding Source(s): PTP**

**Completion Percentage: 0%**

**Capital Budget: Pending Amendment**

**Commission District: 4**

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### **PROJECT BACKGROUND**

In 2015, both the Citizen’s Independent Transportation Trust (CITT) and the Board of County Commissioners adopted Resolutions which allocated \$13.9 million of Surtax funds for improvements to the Miami Central Station as a first step towards activating the Northeast Corridor. To provide access to and from the Northeast Corridor, the County has negotiated a development agreement with Virgin Trains USA LLC for the new West Aventura Station. The County has an opportunity to benefit from Virgin’s billions of dollars of private investment by allocating a one-time capital contribution towards the construction of the new West Aventura Station. Virgin will be responsible for the daily operation and maintenance of the system as well as the purchase of trains to provide service. By providing a convenient connection to Metrorail via Virgin trains between Aventura and downtown Miami, ridership will be significantly increased on both systems and traffic reduced in this very congested area of the County.

### **PROJECT DESCRIPTION**

The implementation of the SMART Plan objectives for the Northeast Corridor will be initiated by acquiring land to construct a West Aventura station platform on the existing privately-owned rail line (Brightline now Virgin Trains USA LLC) that will service commuters between Aventura and downtown Miami. Project components are:

- County to acquire approximately three (3) acres of privately-owned land
- Virgin to construct, operate and maintain a passenger rail station
- Virgin to construct, operate and maintain a park and ride lot (up to 290 spaces) to co-locate with kiss-and-ride and bus bay facilities
- Virgin to construct, operate and maintain a center platform and necessary track and signalization improvements within its railroad right-of-way
- Virgin to construct and maintain a pedestrian bridge connecting the station and park and ride lot over West Dixie Highway to the railroad right-of-way and platform
- Virgin to develop a possible East Station on property east of Biscayne Boulevard, or using an easement or other development rights for the bridge landing, a bridge from the center platform to the east side of Biscayne Boulevard where Aventura Mall is located will be constructed by Virgin using County funds. This will allow connectivity between the heavily patronized Metrobus terminal in an Aventura Mall garage and the new rail station.
- Virgin fares for economy class seats between Miami and Aventura will be at a price no greater than 65 percent of the published fare for trips between Ft. Lauderdale and Miami; at least 200 commuter passes per month will be at a price no greater than 75 percent of the published price of a commuter pass between Ft. Lauderdale and Miami; 20 percent of economy class seats for each rush hour service between Miami and West Aventura will be reserved up to 48 hours prior to departure. Virgin and County will work collaboratively to establish an agreement for reciprocity between Virgin’s commuter pass and County’s transit pass to allow monthly Metrorail pass holders (including Golden and Patriot pass holders) ride weekday between Miami and Aventura round trip for free, but to be paid by County at a discounted rate schedule, as well as discounted parking rates.

## **PROJECT SCHEDULE/STATUS**

- October 2019 – CITT recommendation
- October 2019 – Resolution authorizing expenditure of funds for acquisition of approximately 3 acres of privately-owned vacant land, acceptance of property by warranty deed to County, expenditure of funds for closing costs and the development agreement
- October-April 2020 – Virgin has option to negotiate a TOD on the property for market rent; County has the right to pursue TOD with another entity that would encompass the station and necessary parking
- March 2020 – Virgin Trains USA LLC to commence construction
- October 2020 – Anticipated service to West Aventura Station will commence
- October 31, 2022 – Service will commence no later than (or County has option to terminate)

## **FISCAL IMPACT**

The estimated PTP cost of this project is \$76,700,000 of which \$18,000,000 is for property acquisition (based on July 2019 appraisals), up to \$1,300,000 for closing costs and \$57,400,000 for the construction of the station, park and ride lot, center platform station, tract and signalization improvements, any necessary right-of-way or easement rights for a pedestrian bridge landing and a pedestrian bridge. Miami-Dade County will be responsible for conducting Inspections of the bridge and all structural repairs during the 99-year term of the bridge permit agreement; cost is estimated to be \$10,000 every two (2) years in today's dollars.

Project Description	Original* Baseline PTP Cost Estimates	Increase (Decrease)	Current PTP Cost Estimates as of 9/30/2018	Actual PTP Expenditures through 9/30/2018	Projected PTP Expenditures FY 2019	Estimated Remaining PTP Balance	Baseline Estimated Completion Date	Current Estimated Completion Date
Northeast Corridor – West Aventura Station	\$76,700,000	N/A	\$76,700,000	\$0	TBD	\$76,700,000	Oct-2022	Oct-2022

## Northeast Corridor (Planning and Implementation) - **NEW**

**Department:** DTPW  
**Phase:** Planning  
**Completion Date:** FY 2021  
**Funding Source(s):** PTP  
**Completion Percentage:** N/A  
**Capital Budget:** Project #672670 (Page 187)  
**Commission District:** 2, 3, 4 and 5

### PROJECT BACKGROUND

The Northeast corridor is an approximately 14-mile regional connection that links Downtown Miami with communities to the north via the Florida East Coast (FEC) railway, generally along the Biscayne Blvd/U.S. 1 Corridor. Initial planning phases identified commuter rail as the preferred mode for this SMART Plan Rapid Transit Corridor.

### PROJECT DESCRIPTION

The TPO Board directed DTPW as an Operating agency, to review and fully vet the project deliverables developed by FDOT and its consultants. Therefore, the requested funding will assist DTPW in reviewing the materials developed by FDOT and continue working closely during the next steps of the project. These funds shall not be used to duplicate any PD&E related efforts conducted by FDOT.

### PROJECT SCHEDULE/STATUS

The planning and PD&E support is anticipated to start in FY 2019 and complete in FY 2021.

### FISCAL IMPACT

The estimated PTP cost for this project is \$1,143,000. All surtax-funded workorders related to this project shall first be submitted for review to the Office of the Citizens' Independent Transportation Trust to ensure consistency with the 5 Year Plan.

Project Description	Original* Baseline PTP Cost Estimates	Increase (Decrease)	Revised PTP Cost Estimates as of 9/30/2018	Actual PTP Expenditures through 9/30/2018	Projected PTP Expenditures FY 2019	Estimated Remaining PTP Balance	Baseline Estimated Completion Date	Revised Estimated Completion Date
Northeast Corridor (Planning and Implementation)	\$1,143,000	N/A	\$1,143,000	N/A	\$116,000	\$1,027,000	Sept 2021	N/A

## North Corridor (Planning and Implementation) - **NEW**

**Department:** DTPW  
**Phase:** Planning  
**Completion Date:** September 2021  
**Funding Source(s):** PTP  
**Completion Percentage:** N/A  
**Capital Budget:** Project #672670 (Page 187)  
**Commission District:** 1, 2, 3 and 6

### PROJECT BACKGROUND

The North Corridor is approximately 10 miles from Dr. Martin Luther King Jr. Metrorail Station north along NW 27<sup>th</sup> Avenue to NW 215th Street. This SMART Plan Rapid Transit Corridor connects the cities of Miami, Opa-locka, and Miami Gardens with major activity centers including College Campuses, Hard Rock Stadium and Calder Race Course.

### PROJECT DESCRIPTION

The TPO Board directed DTPW as an Operating agency, to review and fully vet the project deliverables developed by FDOT and its consultants. Therefore, the requested funding will assist DTPW in reviewing the materials developed by FDOT and continue working closely during the next steps of the project. The County was directed by the BCC to advertise a Request for Proposal (RFP) for the North Corridor. The requested funding will also be used to complete the RFP process. These funds shall not be used to duplicate any PD&E related efforts conducted by FDOT.

### PROJECT SCHEDULE/STATUS

The planning and PD&E support is anticipated to start in FY 2019 and complete in FY 2021.

### FISCAL IMPACT

The estimated PTP cost for this project is \$2,286,000. All surtax-funded workorders related to this project shall first be submitted for review to the Office of the Citizens' Independent Transportation Trust to ensure consistency with the 5 Year Plan.

Project Description	Original* Baseline PTP Cost Estimates	Increase (Decrease)	Revised PTP Cost Estimates as of 9/30/2018	Actual PTP Expenditures through 9/30/2018	Projected PTP Expenditures FY 2019	Estimated Remaining PTP Balance	Baseline Estimated Completion Date	Revised Estimated Completion Date
North Corridor (Planning and Implementation)	\$2,286,000	N/A	\$2,286,000	N/A	\$233,000	\$2,053,000	Sept 2021	N/A

## Flagler Corridor (Planning and Implementation) - **NEW**

**Department:** DTPW  
**Phase:** Planning  
**Completion Date:** FY 2021  
**Funding Source(s):** PTP  
**Completion Percentage:** N/A  
**Capital Budget:** Project #672670 (Page 187)  
**Commission District:** 5, 6, 10, 11 and 12

### PROJECT BACKGROUND

The Flagler Corridor is along Flagler Street from 107<sup>th</sup> Avenue to Government Center with two branches west of Flagler - along NW 12<sup>th</sup> Street to Dolphin Station at NW 122<sup>nd</sup> Avenue and along SW 8<sup>th</sup> Street to Tamiami Station at SW 147<sup>th</sup> Avenue. Multiple routes would be operated over the corridor to connect the western terminals to eastern destinations.

### PROJECT DESCRIPTION

The TPO Board directed DTPW as an Operating agency, to review and fully vet the project deliverables developed by FDOT and its consultants. Therefore, the requested funding will assist DTPW in reviewing the materials developed by FDOT and continue working closely during the next steps of the project. These funds shall not be used to duplicate any PD&E related efforts conducted by FDOT.

### PROJECT SCHEDULE/STATUS

The planning and PD&E support is anticipated to start in FY 2019 and complete in FY 2021.

### FISCAL IMPACT

The estimated PTP cost for this project is \$1,143,000. All surtax-funded workorders related to this project shall first be submitted for review to the Office of the Citizens' Independent Transportation Trust to ensure consistency with the 5 Year Plan.

Project Description	Original* Baseline PTP Cost Estimates	Increase (Decrease)	Revised PTP Cost Estimates as of 9/30/2018	Actual PTP Expenditures through 9/30/2018	Projected PTP Expenditures FY 2019	Estimated Remaining PTP Balance	Baseline Estimated Completion Date	Revised Estimated Completion Date
Flagler Corridor (Planning and Implementation)	\$1,143,000	N/A	\$1,143,000	N/A	\$116,000	\$1,027,000	Sept 2021	N/A

## Park-and-Ride South Miami Dade TransitWay and SW 112 Avenue (Phase II) - **NEW**

**Department:** DTPW  
**Phase:** Planning  
**Completion Date:** TBD  
**Funding Source(s):** PTP/FDOT  
**Completion Percentage:** Not Available  
**Capital Budget:** Project #671610 (Page 183)  
**Commission District:** 8 & 9

### PROJECT BACKGROUND

The SW 112<sup>th</sup> Avenue Park-and-Ride facility is a 6.8 acre parking lot that is adjacent to an existing retail site (Target store). The northern portion of the parking lot is a large section of unpaved vacant land. There are 462 parking spaces currently designated for MDT passenger use and current parking utilization is about 45 percent. The station configuration at this location is a split station where the southbound station is on the northwest side of the TransitWay and the northbound station is on the southwest side of the TransitWay. Therefore, station access is bifurcated such that passengers are required to cross either SW 208<sup>th</sup> Drive or SW 112<sup>th</sup> Avenue depending on which station is being accessed. The goal of this project is to improve the park-and-ride configuration and provide a new bus terminal as well as enhance passenger connectivity between the parking area and the TransitWay.

### PROJECT DESCRIPTION

Phase I of this project included the land acquisition tasks and general landscaping and lighting improvements, which were completed in 2018. Phase II of this project includes the construction of a bus terminal and other enhancements to improve the passenger experience and overall bus operations. The ultimate build-out and design of this facility will be based on the on-going SMART Plan South Dade TransitWay (South Corridor) Project. The SMART Plan is a bold transit infrastructure investment program that will significantly improve transportation mobility and includes six (6) rapid transit corridors and the Bus Express Rapid Transit (BERT) network. The park-and-ride at SW 112<sup>th</sup> Avenue and the TransitWay are within one of the six SMART Plan corridors – the South Corridor.

### PROJECT SCHEDULE/STATUS

Phase I (Right-of-way acquisition) of this project was completed in 2018. Phase II, which includes the design and construction phases, is scheduled to begin in 2019.

### FISCAL IMPACT

The estimated PTP project cost is \$6,955,000 with \$3,515,000 expended as of September 2018.

Project Description	Original* Baseline PTP Cost Estimates	Increase (Decrease)	Current PTP Cost Estimates as of 9/30/2018	Actual PTP Expenditures through 9/30/2018	Projected PTP Expenditures FY 2019	Estimated Remaining PTP Balance	Baseline Estimated Completion Date	Current Estimated Completion Date
Park-and-Ride South Miami Dade TransitWay and SW 112 Avenue (Phase II)	\$6,955,000	N/A	\$6,955,000	\$3,515,000	\$208,000	\$3,232,000	N/A	N/A

Park-and-Ride Facility on the TransitWay at SW 168th Street (Phase 2) - **NEW**

**Department:** DTPW

**Phase:** Design Criteria Development

**Completion Date:** 2023

**Funding Source(s):** FTA and PTP

**Completion Percentage:** 0% Design

**Capital Budget:** Project No. 2000001092 (Page 184)

**Commission District:** 8 & 9

**PROJECT BACKGROUND**

The existing surface parking facility on the TransitWay at SW 168th Street is 100 percent utilized and not able to meet current needs. The Department of Transportation and Public Works (DTPW) needs to expand the capacity at this Park-and-Ride facility by replacing the surface lot with a garage, or identify a better location nearby to build a new Park-and-Ride garage to meet the travel needs of the South Dade Community.

**PROJECT DESCRIPTION**

The proposed project will construct a Park-and-Ride garage with approximately 450 parking spaces on the TransitWay at SW 168th Street near the Village of Palmetto Bay. The proposed project will provide expanded capacity for the TransitWay.

**PROJECT SCHEDULE/STATUS**

DTPW is in the process of procuring a consultant for the development of the design criteria package for a design-build contract. The project is estimated to be completed in 2023.

**FISCAL IMPACT**

The estimated PTP cost for this project is \$4,500,000.

Project Description	Original* Baseline PTP Cost Estimate	Increase (Decrease)	Current PTP Cost Estimate as of 9/30/2018	Actual PTP Expenditures through 9/30/2018	Projected PTP Expenditures FY 2019	Estimated Remaining PTP Balance	Baseline Estimated Completion Date	Current Estimated Completion Date
Park-and-Ride Facility on the TransitWay at SW 168th Street (Phase 2)	\$4,500,000	\$0	\$4,500,000	\$0	\$200,000	\$4,300,000	Sept 2023	Sept 2023



## Dadeland South Intermodal Station – **NEW**

**Department:** DTPW

**Phase:** Design Criteria Development

**Completion Date:** FY 2022

**Funding Source(s):** FTA, PTP, LOGT and Operating

**Completion Percentage:** 0% Design

**Capital Budget:** Project No. 2000001203 (Page 183)

**Commission District:** 8 & 9

### PROJECT BACKGROUND

The South corridor (South Dade TransitWay) runs approximately 20 miles from the Dadeland South Metrorail Station along the existing TransitWay (formerly known as Busway) to the SW 344th Street Park-and-Ride/Transit Terminal Facility. The Dadeland South Intermodal Station is a major connecting point for bus routes on the South Miami TransitWay.

The proposed project will reduce transfer time between the TransitWay Bus Rapid Transit (BRT) service and the Metrorail service. It will improve the connection between Downtown Miami and the City of Florida City, City of Homestead, Town of Cutler Bay, Village of Palmetto Bay, and Village of Pinecrest. The proposed project will also renew and enhance the existing infrastructure at the Dadeland South Metrorail Station.

### PROJECT DESCRIPTION

The proposed project will construct direct ramps to and from a proposed elevated BRT platform at the Dadeland South Metrorail Station platform level to provide seamless transfer between the TransitWay BRT services and the Metrorail services. The proposed project will also include improvements/refurbishment to the existing Metrorail station to enhance passenger amenities.

### PROJECT SCHEDULE/STATUS

The development of design criteria is continued. The project is estimated to be completed in 2022.

### FISCAL IMPACT

The estimated PTP project cost for this project is \$50,147,000.

Project Description	Original* Baseline PTP Cost Estimate	Increase (Decrease)	Current PTP Cost Estimate as of 9/30/2018	Actual PTP Expenditures through 9/30/2018	Projected PTP Expenditures FY 2019	Estimated Remaining PTP Balance	Baseline Estimated Completion Date	Current Estimated Completion Date
Dadeland South Intermodal Station	\$50,147,000	N/A	\$50,147,000	\$0	\$1,541,000	\$48,606,000	Sept 2022	Sept 2022

# Beach Express South SMART Plan Bus Express Rapid Transit (BERT) Route – *NEW*

**Department:** DTPW  
**Phase:** Planning and Design  
**Completion Date:** September 2023  
**Funding Source(s):** FDOT/PTP  
**Completion Percentage:** N/A  
**Capital Budget:** 2000001205 (Page 187)  
**Commission District:** 3 & 5

## PROJECT BACKGROUND

The high demand for movement of passengers to/from Downtown Miami and Miami Beach as tourist attractions and the locations of major residential, commercial and office developments have generated substantially higher travel times between the two cities. The growth of these cities, when combined with relatively narrow streets and chronic lack of parking results in severe local congestion, making access by automobile progressively more difficult. Current transit capacity is also insufficient during the peak periods.

Increased capacity and reliable transportation is necessary to support and continue economic prosperity, sustainable growth, and quality of life standards valued throughout the region. The Beach Express South route project relieves traffic congestion on the State Highway System (SHS) by attracting choice riders to the transit system. The project provides connections to Metrorail, Metromover, Metrobus, Brightline, Tri-Rail (at the future MiamiCentral Station) and complements Route 120 (Beach Max), route 119 (route S), and City of Miami and City of Miami Beach Transit services.

## PROJECT DESCRIPTION

The proposed 6.5 mile Beach Express South route will feature six (6) new 40' Compressed Natural Gas (CNG) vehicles, transit signal priority (TSP) treatment at 26 traffic signals in Downtown Miami and 33 traffic signals in Miami Beach, a westbound queue jumper at 5th Street and Alton Road, and real-time information equipment. In addition, the portion of the route along Washington Avenue will feature exclusive running ways, which will be painted with Durable Liquid Pavement Markings (DLPM). This route will operate seven days, all day (21 hours) and will provide daily service with 10-minute headways from 5:00 AM to 2:00 AM. The total project cost includes Design, Engineering and Plans Preparation, Construction, CEI Activities and Bus Procurement (6 CNG buses). This project does not require ROW acquisition.

## PROJECT SCHEDULE/STATUS

The project is anticipated to start in FY 2020 and completed in September 2023.

## FISCAL IMPACT

The estimated PTP project cost for this project is \$9,422,000.

Project Description	Original* Baseline PTP Cost Estimates	Increase (Decrease)	Current PTP Cost Estimates as of 9/30/2018	Actual PTP Expenditures through 9/30/2018	Projected PTP Expenditures FY 2019	Estimated Remaining PTP Balance	Baseline Estimated Completion Date	Current Estimated Completion Date
Beach Express South SMART Plan BERT Route	\$9,422,000	N/A	\$9,422,000	\$0	\$0	\$9,422,000	Sept 2023	Sept 2023