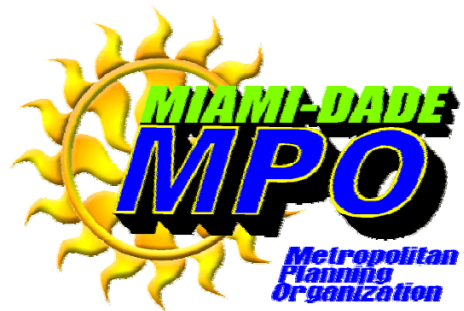


The background is a collage of three images: a yellow excavator at a construction site (top left), a close-up of a road surface with a pothole (middle right), and a close-up of a yellow push button labeled "ON" (bottom right).

TiP Citizen's Version!

TRANSPORTATION IMPROVEMENT PROGRAM

TWENTY
ELEVEN



**TRANSPORTATION IMPROVEMENT PROGRAM
FISCAL YEARS 2010/2011 to 2014/2015**

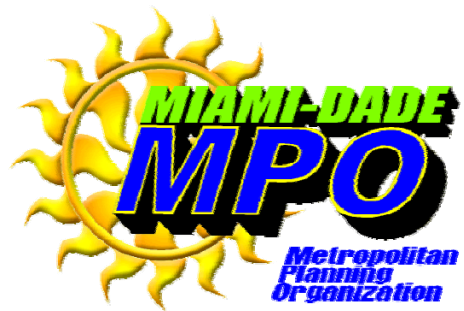
Citizen's version

**METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI
URBANIZED AREA**

Approved by MPO Governing Board on June 17, 2010

This document was prepared by the Metropolitan Planning Organization for the Miami Urbanized Area in collaboration with the Florida Department of Transportation, Miami-Dade Expressway Authority, Florida's Turnpike Enterprise, South Florida Regional Transportation Authority, Miami-Dade County Public Works Department, Miami-Dade Transit, Miami-Dade Planning and Zoning Department, Miami-Dade County Aviation Department, Miami-Dade Seaport Department, Miami-Dade Department of Environmental Resources Management, Miami-Dade County Office of Strategic Business Management, and the Miami-Dade County Developmental Impact Committee.

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As well as Miami-Dade County, Florida.



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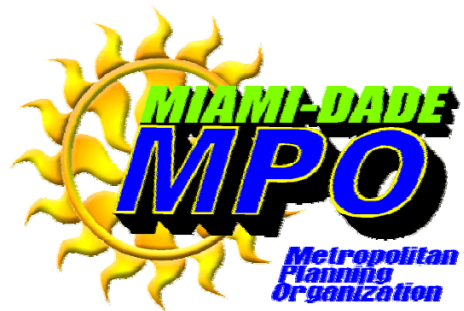


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A CITIZENS' GUIDE TO

THE TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

Photo by Miami-Dade County Photographers



MESSAGE TO THE READER

Thank you for your interest and participation in the Miami Urban Area transportation planning process and in particular the Transportation Improvement Program (TIP).

What is the TIP?



The TIP is a staged multi-year program that prioritizes transportation improvement projects for federal, state and local funding. The TIP is also the capital improvements element of the long range transportation plan (LRTP). The TIP has a role in putting the LRTP into action.

TIP: Putting the Long Range Transportation Plan into action

Photo by Miami-Dade County Photographers



Picturing the projects contained in the 2035 Long Range Transportation Plan (LRTP) for Miami-Dade County as a warehouse full of transportation projects for the next 20-plus years, the TIP is the vehicle that carries those projects to market. The TIP not only lists specific projects, but also the anticipated schedule and cost for each project. Like the LRTP, the projects in the TIP must be financially constrained, undergo a series of evaluations, and include opportunity for public comment.

Once compiled, review of the TIP begins. During this period of time there is a 30-day public review.

The TIP is a changing document. Frequently, projects may be added to meet changing priorities or to take advantage of a special opportunity. For this reason, the TIP may be changed after it is approved. It can be amended in order to add, change or delete projects for a variety of reasons. Amendments to the TIP must undergo the same review and public scrutiny as the original TIP.

Some basic facts about Miami-Dade County

Population

With a population of more than 2.3 million, Miami-Dade County is the most populous county in Florida and among the top 20 most populous metropolitan areas in the United States. By the year 2035, the region's population is expected to climb to 3.3 million, while the number of households grows 39 percent, from the current 0.8 million to 1.2 million. In addition, the number of jobs in the county will increase from 1.4 million to approximately 2.0 million.

The region

Miami-Dade County is almost 2,300 square miles in area and encompasses thirty-one municipalities and the unincorporated area. The City of Miami is the County's most populous municipality, with a population of more than 400,000 inhabitants. There are 6 municipalities with populations over 50,000 and they are the City of Hialeah, City of Miami, City of Miami Beach, City of Miami Gardens, City of North Miami, and City of Coral Gables.

Transportation network

Miami-Dade's transportation network includes 40 miles of interstate freeways, 605 miles of major roadways, over 5,600 miles of local streets and roads, and 241 miles of non-motorized (bicycle and pedestrian) paths. In all, that's over 6,500 miles that must be maintained, policed, cleaned and frequently repaved or rebuilt. In addition, there are 110 bridges, 164 miles of active railroad tracks, one major airport, and one seaport.

Public Transportation

Miami-Dade Transit (MDT) is the largest public transportation system in Florida, operating a fleet of more than 800 buses as well as Metrorail (the 22.6-mile elevated rail system) and Metromover (the 4.4-mile downtown people mover). MDT's buses travel approximately 3 million miles a month, with service throughout Miami-Dade County and commuter express service extending well into Broward County. Contracted bus service also is provided into Monroe County. Daily ridership averages 220,000 boardings on Metrobus, 60,000 on Metrorail and 25,000 on Metromover.

An estimated 20% of workers in the central business district take one of these modes of transit to get to work

Vehicles

In Miami-Dade County, there are 1.4 million passenger vehicles traveling our road network. In total, those vehicles travel 44 million miles daily; by 2035, that will increase to over 63 million miles daily. The typical household makes eight trips a day. The average resident of Miami-Dade County consumed 303 gallons of fuel in the year 2005 and traveled 18.6 average miles per day.

The commute

Work trips account for nearly 20 percent of all travel in Miami-Dade County. On an average workday, 97.7 percent of the region's commuters travel to work by car, 2.3 percent by public transit. One percent walks or travels by some other means, such as bicycle, motorcycle, or taxi.

How to access the TIP on the web?



Photo by Miami-Dade County Photographers

The Transportation Improvement Program (TIP) document may be accessed through the website in two different ways.

- By visiting the MPO website at www.miamidade.gov/mpo - select “Downloads” from menu and get the Transportation Improvement Program documents
- You may also access the Interactive TIP document residing at the Miami-Dade County’s web portal at MY NEIGHBORGOOD site. You may access through the MPO website at www.miamidade.gov/mpo -- select “Resources” and from the drop down menu click on the InteracTIP option. This choice takes you to the Interactive TIP multimedia – the last icon is the My Neighborhood site.

The TIP’s Mechanics



Why is there a TIP?

The U.S. Department of Transportation will not approve use of federal funds for an improvement unless the project is identified in the TIP. Inclusion in the TIP does not, however, guarantee federal funding. The TIP is fiscally constrained with reasonable estimates of project costs balanced against anticipated funding. Projects not funded by the federal government are included in the TIP to provide a more comprehensive picture of the proposed allocation of transportation funds in the region.



Photo by Miami-Dade County Photographers



Who prepares the TIP?

The TIP is prepared by the Metropolitan Planning Organization (MPO) in cooperation with local transportation agencies. The Metropolitan Planning Organization (MPO) is the agency designated by the Governor of the State of Florida and certified by the federal government to carry out metropolitan transportation planning. The TIP is one of the MPO responsibilities.



How does the TIP work?

1. One year is current (the funded annual element); the remaining four are future.
2. Each year adds a new fifth year and advances a new annual period to current funded status.
3. Identifies funding levels, by source and type, and whether funds are to be used for: road capacity, preservation, bridges, transit capital, safety, non-motorized, right-of-way, study or other.
4. Improvements in the TIP are based on MPO-established priorities from LRTP.
5. TIP is consistent with the adopted 2035 Long Range Transportation Plan.



TIP consistency

The TIP must be consistent with the Long Range Transportation Plan (LRTP).



What fiscal years does this TIP include?

This TIP covers fiscal years 2011 to 2015. Fiscal years spanned are 2011, 2012, 2013, 2014 and 2015. Fiscal years, as opposed to calendar years, begin on July 1st and end on June 30th.

Fiscal Year 2011 -----	begins July 1, 2010 and ends June 30, 2011
Fiscal Year 2012 -----	begins July 1, 2011 and ends June 30, 2012
Fiscal Year 2013 -----	begins July 1, 2012 and ends June 30, 2013
Fiscal Year 2014 -----	begins July 1, 2013 and ends June 30, 2014
Fiscal Year 2015 -----	begins July 1, 2014 and ends June 30, 2015



What does the TIP include?

The TIP includes a prioritized listing of transportation improvement projects for the Miami-Dade County region for the next five fiscal years.



Who participates in putting the TIP together?

The MPO, with local transportation agencies and other stakeholders as follows (in alphabetical order):

1. Florida Department of Transportation (FDOT) District 6
2. Florida's Turnpike Enterprise
3. Miami-Dade Aviation Department
4. Miami-Dade Department of Environmental Resources Management
5. Miami-Dade Expressway Authority (MDX)
6. Miami-Dade Planning and Zoning Department
7. Miami-Dade Public Works Department
8. Miami-Dade Seaport Department
9. Miami-Dade Transit Agency (MDT)
10. Office of Strategic Business Management (OSMB)
11. South Florida Regional Transportation Authority (SFRTA)



Photo by Miami-Dade County Photographers

The TIP's Technicalities



Who must approve the TIP locally?

The Metropolitan Planning Organization (MPO) Governing Board must approve the TIP.



Who must approve the TIP at the State level?

The Governor of the State of Florida must approve the TIP before the document becomes part of the State Transportation Improvement Program.



Who must approve the TIP at the federal level?

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) approve the TIP for funding purposes.

Where does the MPO get its authority?



Federal Law: From Title 23 U.S. Code -- “To carry out the transportation planning process a metropolitan planning organization shall be designated for each urbanized area with a population of more than 50,000 individuals”. In 1973, the Federal Transportation Act mandated that each urbanized area with 50,000 or more in population establish a Metropolitan Planning Organization (MPO). Federal law required that the Governor of the state designate the agency to serve as the MPO.

State Law: From 339.175 Florida Statutes: “It is the intent of the Legislature to encourage and promote the safe and efficient management, operation, and development of surface transportation systems” “to accomplish these objectives an MPO shall be designated for each urbanized area”. For large urban areas (over 200,000 in population), the Secretary of Transportation certifies these as Transportation Management Areas (TMAs). MPOs that are designated as TMAs have to be certified every three years.

TIP Program Funding



Where does Highway Funding come from?

Gasoline taxes, such as federal gas tax, state motor fuel tax, local option gas tax, voter gas tax, motor vehicle fees and road impact fees and automobile related user fees such as tolls.

Where does Transit Funding come from?

Transit funding comes from a combination of funds from the Federal Transit Administration (FTA), the State of Florida through the Florida Department of Transportation Public Transportation Office, Local Dedicated Source of Funding (half-penny sales tax) and Miami-Dade County's Budget (from local general funds).

2011 2015 TIP Review by Transportation Agency



Fiscal Years 2010/2011 - 2014/2015

Transportation Improvement Program

Primary State Highways and Intermodal Projects

Florida Department of Transportation, District Six

This section of the TIP focuses on the Primary State Highways and Other Modal Projects which the Florida Department of Transportation (FDOT), District Six, has programmed over the next five years. FDOT, District Six, is comprised of Miami-Dade and Monroe Counties; however, just Miami-Dade County projects are listed within this report. State Highway examples include I-95, State Road (SR) 826, and SR 7. The term intermodal refers to projects that involve more than one mode such as public transportation (transit, aviation, rail and seaport), auto, freight, bicyclists and pedestrians.

The FDOT, District Six, *Primary State Highway and Intermodal Projects* section provides an overview of the following topics:

- The FDOT Five Year Work Program
- The Work Program Cycle
- Programs and Funding
- Major Intermodal Projects
- Strategic Intermodal System (SIS) Projects
- Intelligent Transportation System (ITS) Program
- Bicycle/Pedestrian Corridor Improvements
- Other Major Corridor Improvements
- Public Transportation Projects

The Florida Department of Transportation's Five Year Work Program

The Florida Department of Transportation's (FDOT) District Six Work Program is a major component of the Miami-Dade Metropolitan Planning Organization's (MPO) Transportation Improvement Program (TIP). The Work Program, which is updated annually, is a project specific list of transportation activities and improvements that the FDOT is to undertake within a projected five-year period. It is developed by the District in coordination with the Miami-Dade MPO and local governments. In accordance with legislation, the first three years of the Adopted Work Program is intended to represent the state's commitment to undertake transportation projects that local governments may rely on for planning purposes, and for the development of capital improvement elements of the local governments' comprehensive plans. The projects must meet the objectives and priorities of the Florida Transportation Plan (FTP).

The Work Program Cycle

The Department coordinates with the MPO and local governments to identify and develop projects. Input is also received through public hearings, the legislature and the Governor's office. In the summer of 2009 FDOT began the new cycle to develop the "Tentative" Work Program for Fiscal Years (FY) 2010/2011 - 2014/2015. The final tentative program was sent to the Governor and the State Legislature for review in March of 2010 and it will become effective on July 1, 2010.

Programs and Funding

Program Descriptions

For budgeting purposes the FDOT's Work Program is comprised of five departmental programs: Product, Product Support, Operation and Maintenance, Administration, and Other. An overview of the different programs is summarized below:

- **Product** - The FDOT's Work Program Product is the final result of the Work Program process that appears in the TIP. The Product is comprised of all projects such as Highways and Other Arterials, Right of Way, Aviation, Intermodal Access, Transit, Rail, Seaports, Resurfacing and Bridges.
- **Product Support** - Product Support includes both in-house and contract personnel. Product Support performs the studies, produces the design plans, acquires right of way, inspects and manages construction work and administers public transportation grants for the Work Program.
- **Operations and Maintenance** - Operations and Maintenance includes in-house and contract staff, and the equipment and materials needed to maintain and operate the State Highway System, collect tolls and enforce motor carrier compliance laws.
- **Administration** - Administration is comprised of FDOT staff and contract staff that perform Work Program development, including fiscal, information systems, legal, budget, personnel, and contract administration functions. It also includes construction and rehabilitation of department buildings and support facilities.
- **Other** - Other encompasses funds to reimburse local governments for projects previously advanced in the Adopted Work Program, staff equipment, consultants and materials required to support data processing needs, maintenance of the FDOT's mobile equipment, and the operation and maintenance of the FDOT's warehouse and supply system. Debt Service and State Infrastructure Bank (SIB) Loan Payback are also included within the 'Other' category.

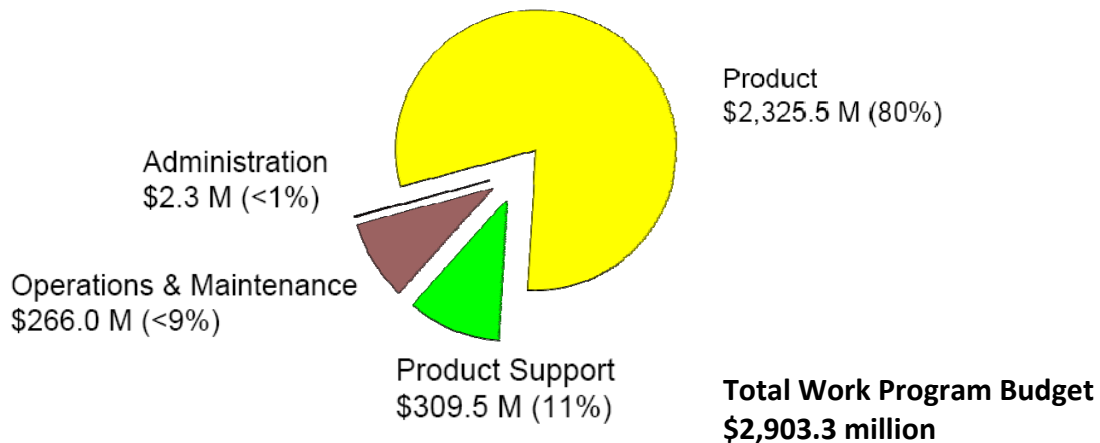
Funding Overview

The Department's funds are allocated among seven districts statewide. In the Miami-Dade urbanized area, District Six and the MPO determine the best use of Miami-Dade's share. The Department's resources are primarily from federal and state dedicated sources. The State Transportation Trust Fund and the Federal Highway Trust Fund receive revenue from specific tax sources earmarked solely for

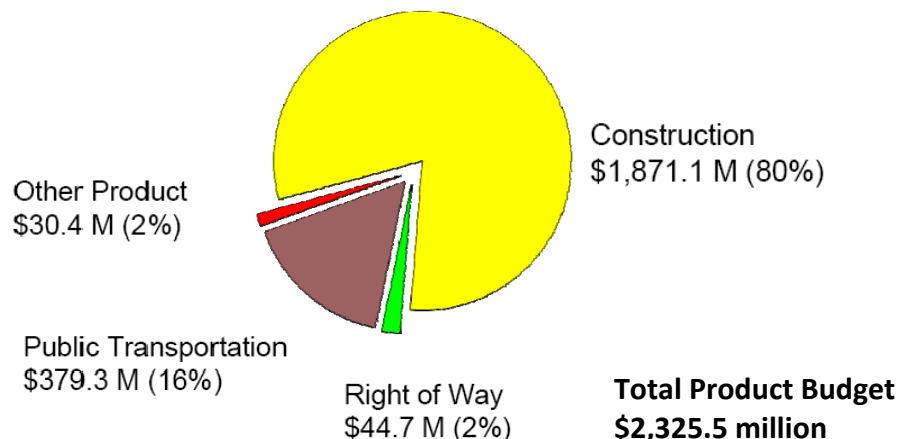
transportation purposes. Additional funding for Work Program projects comes from local and discretionary sources.

The Department of Transportation is responsible for the State Highway System and funds several modal programs. The Department will spend approximately \$3 billion on transportation in District Six over the next five years. The charts below provide a visual summary of the FY 2010/2011 - 2014/2015 Tentative Five Year Work Program budgeted costs. As shown in the charts, of the \$3 billion budget, the Department's total Product budget is \$2.325 billion. A total of \$1.87 billion (or 80%) of the Product budget will go toward funding construction projects. These projects fall under four major construction categories: Capacity Improvement, Safety, Bridge, and Resurfacing. Public Transportation programs and services has a dedicated budget of \$379.3 million (or 16%) of the Product budget. By statute, the Department must develop a program that is balanced to cash and revenue forecasts.

FDOT, District Six, Total Budget Breakdown
Tentative Five Year Work Program
Fiscal Years 2010/2011 - 2014/2015



FDOT, District Six, Product Budget Only Breakdown
Tentative Five Year Work Program
Fiscal Years 2010/2011 - 2014/2015



A sampling of projects funded in the FY 2010/2011 - 2014/2015 Department's Work Program is highlighted within the following pages. The projects have been organized by the following categories: Major Intermodal Projects, Strategic Intermodal System Projects, Intelligent Transportation System Program, Other Major Corridor Improvements, and Public Transportation Improvements.

Major Intermodal Projects

'Major Intermodal Projects' can be defined as projects linking two or more transportation modes. One example of this project type is a transportation hub serving auto, transit, and pedestrian/bicycle travelers. The following are three Major Intermodal Project highlights in Miami-Dade County.

- **Miami Intermodal Center (MIC)**

The MIC Program includes the Rental Car Center, Miami Central Station, Miami International Airport (MIA) People Mover, access roads and major highway improvements. The Rental Car Facility is scheduled for opening in May 2010. The MIC/MIA Station and transit line are currently under construction and the MIC Central Station construction is anticipated to begin in fall 2010.



Photo of the Miami Intermodal Center's Rental Car Center under construction

- **NW 25th Street Reconstruction and Viaduct Construction**

The NW 25th Street reconstruction and viaduct construction is divided into two separate projects. The first project, from the Palmetto Expressway to NW 67th Avenue, is currently under construction with an approximate time of completion slated for summer 2011. The second project, from NW 87th Avenue to the Palmetto Expressway, has a work program letting year of 2014. After completing both projects, the Viaduct structure will alleviate heavy truck volumes on NW 25th Street by providing a direct connection between NW 82nd Avenue and the West Side Cargo area of MIA.



Rendering of the NW 25th Street Viaduct, east of SR 826

Strategic Intermodal System (SIS) Projects

The SIS is a statewide network of high-priority transportation facilities, including the state's commercial service airports, Cape Canaveral spaceport, deepwater seaports, freight rail terminals, passenger rail and intercity bus terminals, rail corridors, waterways and highways. These facilities are the workhorses of Florida's transportation system, carrying more than 99 percent of all commercial air passengers, virtually all waterborne freight tonnage, almost all rail freight, and more than 68 percent of all truck traffic and 54 percent of total traffic on the State Highway System. The following are seven SIS project highlights in Miami-Dade County.

- SR 826/Palmetto Expressway Improvements**

Funding to continue work on the Palmetto Expressway is included in the Work Program. The one remaining large project is the SR 836/SR 826 interchange. This project is being done in partnership with the Miami-Dade Expressway Authority. The interchange construction began in November 2009. With a 5-year construction schedule, the interchange completion date is anticipated for 2015.

On a smaller project scale, a westbound auxiliary lane along SR 826 between NW 67th Avenue to NW 47th Avenue is funded for construction in FY 2013.



Photo of the SR 836/SR 826 interchange under construction

- SR 997/Krome Avenue Corridor Improvements**

The purpose of this project is to improve operations and safety along the Krome Avenue corridor. To date, the environmental process has been completed and Federal Location Design Acceptance has been issued for the segment from SW 136th Street to US 27. Construction of the 4-lane typical section will begin in FY 2014/2015 for the section from SR 94/Kendall Drive to SW 8th Street.

- Port of Miami Tunnel Construction**

The Port of Miami Tunnel, which will link the port directly to I-395/SR 836 via MacArthur Causeway, has been procured as a Public Private Partnership. The environmental process is complete and the general project location and alignment has been identified. Three teams were shortlisted in March 2007, and the team with the "Best Value Proposal" was named in May 2007. The "Intent to Award" was posted on February 15, 2008, after local funding sources towards the 50% local match were approved. The Department reached financial closure and a Notice to Proceed was issued on October 15, 2009. It is anticipated that it will take a 55 month schedule to accomplish design and



Rendering of the Port of Miami Tunnel entrance

construction. The selected team MAT (Miami Access Tunnel) is required to perform all aspects of the project including design, build, finance, operate, and maintain the tunnel facility for a period of 35 years. The Concessionaire began and continues with the preliminary design, site investigation, permit coordination and other related design and contractual activities.

- **Miami International Airport Central Boulevard Improvements**

Over \$20 million in state matching funds has been allocated for improvements to the primary entrance road to the airport in FY 2010/2011 - 2014/2015. A partnership has formed between the Miami-Dade Aviation Department and the Miami-Dade Expressway Authority to assist with the required local matching funds. Miami-Dade Expressway Authority will manage this project through to completion.

- **SR 9A/I-95 Corridor Improvements**

The first phase of the joint Miami-Dade/Broward County 21-mile pilot project, branded, “95 Express” was funded by a \$62.9 million federal grant received by the Department. This grant was combined with State monies and is being administered as an “Urban Partnership Agreement” by the Florida Department of Transportation. Through relatively minor construction and re-striping, the project converts the single HOV lane in each direction, between SR 112/I-195 and I-595, into two High Occupancy Toll (HOT) lanes, or “Express Lanes,” in each direction.



The Express Lane concept, allows, registered vanpools, registered carpools of three or more persons, registered hybrid vehicles, public buses, and school buses, emergency vehicles and motorcycles free access to these lanes. Single-occupant and other non-registered vehicles may opt to use the lanes by paying a toll which will vary



Photo of the I-95 Express Lanes looking northbound

according to level of congestion. The project’s benefits are: an increase in overall corridor capacity, an increase in average speed in the Express Lanes and local lanes, implementation of Bus Rapid Transit in the corridor, and use of tolls to partially finance the project and increase bus service. The first phase became operational in December 2008 in the northbound lanes, between SR 112/I-95 and Golden Glades interchange. The second phase, converted the corresponding southbound lane to two HOT lanes on January 2010. The remaining portion of the 21 miles is currently in its procurement phase for design.

- **I-95/Ives Dairy Road Interchange Improvements**

This project will help alleviate congestion at the I-95/Ives Dairy Road interchange in northern Miami-Dade County. Specifically, the southbound exit ramp will be reconstructed to accommodate three left-turn lanes. This additional capacity will alleviate the stacking of vehicles queuing onto the mainline of I-95. Other improvements primarily include: widening the northbound entrance ramp from westbound Ives Dairy Road, widening the northbound exit ramp, constructing additional left turn lanes for Ives Dairy Road at the northbound and southbound ramp entrances, and adding a third left-turn lane for northbound Highland Lakes Drive traffic turning westbound onto Ives Dairy Road. FDOT, District Four, will be managing this project as a part of the I-95 Express Project in Miami-Dade and Broward Counties. Construction is anticipated for FY 2010/2011.



Aerial view of I-95 and Ives Dairy Road Interchange

Intelligent Transportation System (ITS) Program



Photo of an FDOT Dynamic Message Sign

Deployment of ITS techniques enables traffic to operate at an improved quality of service with virtually no disruption to adjacent property owners and at a fraction of the cost that it would take to physically widen the roadway. These projects include Closed Circuit Television Cameras (CCTV), roadway detectors and electronic message signs describing real-time roadway and traffic conditions. The Statewide 511 Traveler Information System provides travel information around the clock, for each ITS-instrumented roadway, and is available by dialing 511. Examples of projects are the 95 Express, I-95 ramp signaling, Road Ranger Service Patrols, electronic message signs, roadway traffic monitoring cameras, cable communication infrastructure expansion of ITS and

continued expansion to additional roadways. Additional ITS elements are being implemented on current and upcoming projects such as the State Road 826/ State Road 836 Interchange Reconstruction Project and the State Road 826 project.

Other Major Corridor Improvements

Other major corridor improvements are projects that affect State Highways but not those included on the SIS network. Below is a selection of major corridor improvements the Department is undertaking in addition to the SIS projects:

Roadway	Project Type	Project Area
SR 5/South Dixie Highway	Resurfacing and reconstruction	Varying segments south of Kendall Drive to Monroe County
SR 823/NW 57 Avenue	Add lanes and reconstruct	From Okeechobee Road to W 19 Street and W 40 Street to W 53 Street
SR 959/SW 57 Avenue	Resurfacing	From SR 976/SW 40 Street to SR 90/SW 8 Street
SR 7/NW 7 Avenue	Landscaping, resurfacing, rehabilitation and reconstruction	Varying segments from NW 6 Street to south of NW 215 Street
SR 916/NW 135/138 Street	Resurfacing and operational improvements	Segments surrounding I-95 and SR 826
SR 985/NW 107 Avenue	Add lane and rehabilitate pavement and resurfacing	From SW 12 street to Flagler Street and from Killian Parkway to Kendall Drive
SR 976/SW 40 Street	Resurfacing and operational improvements	Varying segments between SW 95 Avenue and SW 38 Avenue



Front view photo of a road roller, a type of heavy construction machinery for leveling surfaces, such as roads or airfields used for resurfacing projects

Bicycle/Pedestrian Corridor Improvements

The bicycle/pedestrian network is a component of the transportation system. The Department includes bicycle and pedestrian facilities and/or improvements with its Resurfacing, Reconstruction, and Capacity projects. Additionally, the Department typically funds bicycle/pedestrian projects through the Federal Enhancement Discretionary Program. Although the Department provides the funding, the project is implemented by a local agency that sponsors the project, and administers the implementation and management tasks. Below is a snapshot of the bicycle/pedestrian projects that the Department has programmed from FY 2010/2011-2014/2015 with Enhancement funds.



Aerial view of Miami River looking west

Roadway	Project Type	Project Area
Beachwalk Greenway	Bike path/trail	From Lummus Park to Washington Avenue
Black Creek Trail	Bike path/trail	From SR 997/Krome Avenue to SW 136 Street
Miami River Greenway	Bike path/trail	From NW 12 Avenue to I-95
Miami/SW 2 Avenue Riverwalk	Bike path/trail	From SW 2 Avenue Bridge to S. Miami Avenue Bridge
Snake Creek Trail	Bike path/trail	From NE Miami Gardens Drive to NW 17 Avenue
Safe Routes to School Program	Pedestrian safety improvements	Up to 10 Elementary Schools in Miami-Dade County
Crandon Boulevard	Pedestrian safety improvements	From West Mashta Drive to West Wood Drive
El Portal/87 Street	Sidewalk enhancements	From NE 2 Avenue to Biscayne Boulevard and NW 5 Avenue to NE 2 Avenue

Public Transportation Projects

Travel options are critical for an urban area such as Miami-Dade County. The Department works in coordination with the MPO, South Florida Regional Transportation Authority (SFRTA), Miami-Dade Transit (MDT), airports and the Port of Miami on multiple projects. A sampling of projects from FY 2010/2011 - 2014/2015 include:



Photo of a Miami-Dade Transit bus



Photo of the MIA People Mover under construction



View of CSX railroad crossing on NW 78 Avenue near NW 12 Street



Aerial shot of the Seaboard Marine Cargo Yard drainage repairs, Phase 1 at the Port of Miami

Project Type and Project Name

Transit

State Transit Block Grant (funding dollars for MDT that may be used for either capital or operating costs)

Kendall Drive Bus Enhancement

Biscayne Boulevard Bus Enhancement

I-95 Express Bus Service from Broward County to Miami-Dade County

Aviation

Miami International Airport (MIA) Central Boulevard Improvement

MIA Park Six Garage (1670 spaces)

MIA Runway 8R/26L Resurfacing

Tamiami Airport Runway Extension

Opa-Locka Airport Air Traffic Control Tower Replacement

MIA People Mover Transit Connector to the MIC

Intersection improvements at NW 67 Avenue and SR 948/NW 36 Street

Opa-Locka Runway 9L-27R Resurfacing

Rail

Passenger and Freight Rail Safety Projects

FEC Double-Track Medley Lead Track

Seaport

Cargo Container Yard Improvements

Dredging South Fisherman's Channel



Fiscal Years 2011 - 2015

Transportation Improvement Program (TIP)

“Moving Miami-Dade”

Miami-Dade Expressway Authority (MDX)

This section of the TIP focuses on mobility improvement projects which the Miami-Dade Expressway Authority (MDX) has programmed over the next five years. MDX is an agency of the state of Florida, created in 1994 pursuant to Chapter 348, Part I, Florida Statutes, for the purposes of and having the power to acquire, hold, construct, improve, maintain, operate, own and lease an expressway system located in Miami-Dade County. The Authority may also fix, alter, change, establish and collect tolls, rates, fees, rentals, and other charges for the services and facilities of such system and is further authorized to issue bonds. MDX is reported as an Independent Special District of the State of Florida and subject to the provisions of Chapter 189, Florida Statutes (Uniform Special District Accountability Act of 1989) and other applicable Florida Statutes.

MDX currently oversees, operates and maintains five expressways constituting approximately 34 centerline-miles and 221 lane-miles of roadway in Miami-Dade County. The four toll facilities include: Dolphin Expressway (SR 836); Airport Expressway (SR 112); Don Shula Expressway (SR 874) and Gratigny Parkway (SR 924). The Snapper Creek Expressway (SR 878) is not currently tolled. MDX's Mission is to ***“serve as an innovative transportation agency dedicated to the enhancement of mobility in Miami-Dade County”***.

This section provides an overview of the following topics:

- The MDX Five Year Work Program
- The Work Program Cycle
- Programs and Funding
- Existing System Improvement Projects
- System Expansion Projects
- Facility Improvement Projects
- New Toll Expressway Projects

The Miami-Dade Expressway Authority's Five Year Work Program

The Five-Year Work Program reflects and prioritizes the needs of MDX. As such, changes are made on an annual basis as priorities are re-evaluated, projects are completed, new projects are identified and the financial capabilities of MDX evolve. The Five-Year Work Program is an important tool used by MDX to effectively manage its program of System expansions and improvements. It identifies projects that MDX anticipates funding during the next five years, from project inception through construction.

The Work Program Cycle

In the summer of 2009 MDX began the new cycle to develop the “Tentative” Work Program for Fiscal Years (FY) 2011 - 2015. In December 2010 MDX held public review meetings in conjunction with FDOT and FTE and posted its tentative program on the MDX website. The final tentative program was endorsed by the Operations Committee and approved and adopted by the MDX Board in February 2010 and submitted to the Miami-Dade County Metropolitan Planning Organization (MPO).

Programs and Funding

Program Descriptions

MDX’s Transportation Improvement Program includes expansion of, as well as capacity improvements to, the MDX highway system, planning projects geared towards improving mobility in Miami-Dade County and implementation of Intelligent Transportation and Open Road Toll Collection Systems.

Funding Overview

MDX’s TIP is funded from toll revenues collected in the MDX System. Funding strategies are based on financial analyses performed during the Five-Year Work Program development process, which includes an annual analysis of availability of funds, monthly project schedules, projected cash draw down requirements updated on a quarterly basis, and ultimately, financial feasibility.

Projects included in the MDX FY 2011 - 2015 TIP are highlighted within the following pages. The projects have been organized by the following categories: Existing System Improvements, System Expansion, Facility Improvements, and New Toll Expressway.

Existing System Improvement Projects

The following projects are categorized as Existing System Improvements in the current Five-Year TIP and include widening or reconstruction within an existing roadway segment:

- **Projects 11209, 83624 – SR 112 and SR 836 Infrastructure Modifications for Open Road Tolling (ORT)**

These projects provides for the removal of the existing toll plazas, installation of gantries, shelters and signage, and reconstruction of the SR 112 and the SR 836 roadway to accommodate highway-

speed vehicle traffic for the implementation of ORT. The estimated conversion date is FY 2012 for the SR 112 corridor and FY 2014 for the SR 836 corridor pending coordination with FDOT’s SR 826 / SR 836 Interchange Improvements.

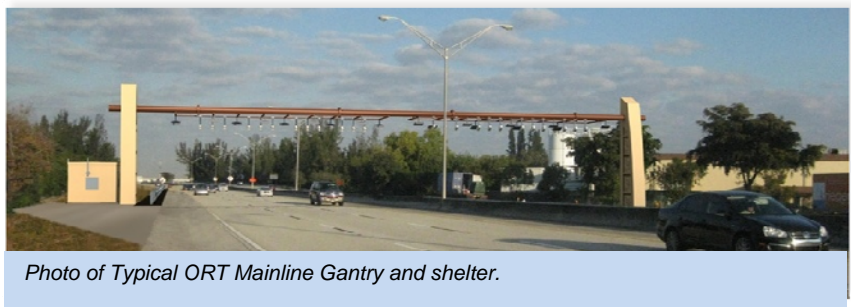


Photo of Typical ORT Mainline Gantry and shelter.

- **Project 11211 – Central Boulevard Reconstruction**

The Central Boulevard is the primary vehicular access roadway connecting the Miami International Airport to SR 836 and SR 112, which are the most heavily traveled roadways on the MDX system and are part of the Florida Strategic Intermodal System. MDX has partnered with Miami-Dade Aviation Department (MDAD) and Florida Department of Transportation (FDOT) to reconstruct Central Boulevard where MDX will act as a 50% local funding partner and grant recipient from FDOT to administer the project on behalf of MDAD. It is anticipated that a contract will be awarded to a Design-Build firm in FY 2010 and construction completed in FY 2013.

- **Project 83608 – SR 826 / SR 836 Interchange Improvement**

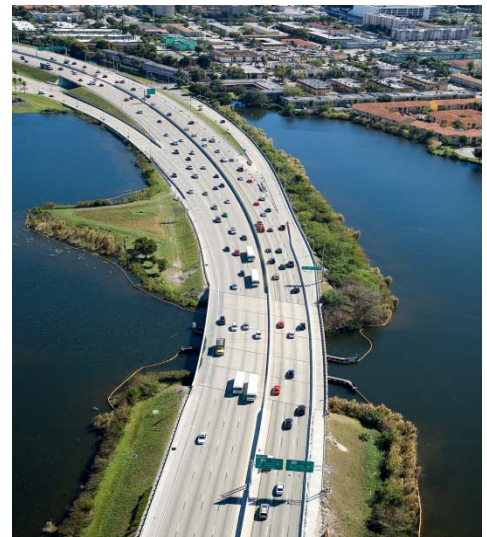
MDX has partnered with FDOT for the right-of-way acquisition, design and construction of the mutually needed SR 826 / SR 836 Interchange Improvement. FDOT let the construction of this project in FY 2010 and completion is expected in FY 2015. MDX has contributed \$11 million towards the final design and will be contributing an additional \$196.5 million towards the construction. This project is of great significance as this interchange is the most congested in Miami-Dade County. This project is an example of MDX working together with its Transportation Partners in the delivery of significant improvements to mobility in Miami-Dade County.

- **Project 83611 – SR 836 / I-95 / I-395 Interchange**

MDX partnered with FDOT via a Joint Participation Agreement for the development of a PD&E and an Environmental Assessment for the SR 836 project from NW 17th Avenue to I-95, in conjunction with the on-going FDOT I-395 Planning Design & Engineering (“PD&E”) study.

- **Project 83622 – SR 836 Eastbound Auxiliary Lane**

This project is currently under construction and is anticipated to be completed in FY 2011. It provides for an additional outside auxiliary lane along eastbound SR 836/Dolphin Expressway between the NW 57th Avenue exit ramp area and NW 42nd Avenue/LeJeune Road exit ramp as well as the widening of the existing road & bridges over NW 57th Avenue, the C4 Canal, and NW 45th Avenue. It also includes construction of retaining walls, relocation/ replacement of signs, lighting poles, utilities, an Intelligent Transportation System (ITS) infrastructure, upgrade of the existing inside traffic railings, and repairs at all three bridges within the project limits. This improvement will significantly improve operations on the SR 836 to complement the construction of the SR 826 / SR 836 Interchange by FDOT.



Additional EB Auxiliary Lane near MIA.

- **Project 83625 – SR 836 Emergency Ramp**

This project entails the construction of an emergency access ramp from west of NW 107th Avenue extending 0.3 miles westbound to the SR 836 Extension. It provides for emergency vehicle access to the SR 836 Extension and it's scheduled to be completed in FY 2011.

- **Project 83627 - SR 836 Express Bus Service Study**

This project entails the evaluation of initiatives to support transit service on MDX's facilities, including the Buses on Shoulder program and the assessment of a sustainable express bus service along the SR 836 corridor to improve mobility and link key destinations such as FIU, the Miami International Airport, Miami Intermodal Center, Downtown Miami and Miami Beach. The study includes the identification of potential park-and-ride lots at selected locations in coordination with Miami-Dade Transit (MDT) and the impact of Transit Oriented Developments (TOD). The purpose of the project is to identify options to increase ridership, thus resulting in less congested roads, as well as safer and more reliable trips.

- **Project 83628 – SR 836 Auxiliary Lanes and Interchange Improvements**

The current work program provides funding for the project development and final design of a SR 836 Eastbound Auxiliary lane from 42nd Avenue to 27th Avenue; SR 836 westbound additional lanes from 27th Avenue to 57th Avenue as well as improvements to the SR 836 / LeJeune Interchange and the SR 836 / 27th Avenue Interchange. This will provide continuity to the auxiliary lanes that currently merge back into mainline traffic and improve operations in the existing interchanges. The preliminary engineering is underway and final design is anticipated to begin in FY 2012 and last for a period of 2 years.

- **Project 83629 – SR 836 Interchange Modifications at 87th Avenue**

The current work program provides funding for the project development and final design of the reconstruction of the SR 836 Mainline and NW 87th Avenue interchange to 500 feet west of NW 82nd Avenue. The preliminary engineering is underway and final design is anticipated to begin in FY 2011 and last for a period of 2 years. This improvement ties into MDX completed Project No. 83614 on the west and FDOT's SR 826 / SR 836 Interchange Improvements on the East and enhances operations on the SR 836 corridor.

- **Project 83630 – SR 836 / NW 14th Street Interchange Improvements**

This project provides a dedicated right-turn lane at NW 14th Street to northbound 10th Avenue. This improvement will allow emergency vehicles a more direct and safer path to the Ryder Trauma Center and other healthcare facilities in the area, as well as the reduction of traffic delays at this intersection, which tend to cause backups onto the SR 836 mainline. This project will be constructed in partnership with the University of Miami (UM) where UM will be conveying to MDX the right-of-way adjacent to the existing NW 14th Street ramp to allow for the expedited and most cost-effective completion of this project. Construction is anticipated to be completed in FY 2012.



Capacity improvements at SR 874 and Killian Parkway.

- **Project 87404 – SR 874 / Killian Parkway Interchange**

The modification of the Killian Parkway Interchange, widening of the mainline from 4 to 6 lanes and removal of the existing toll plaza to facilitate ORT on SR 874 is under construction and

anticipated to be completed in FY 2012. This project significantly reduces the congestion and delays at the Killian Parkway interchange with SW 107th Avenue by splitting the movements from Southbound SR 874 to westbound Killian Parkway, and southbound SR 874 to northbound SW 107th Avenue. MDX has held a series of public meetings with the affected community to present project alternatives, receive their input and to keep them informed of any changes in upcoming activities. Through this process, MDX has coordinated the provision and location of noise abatement walls within the project limits.

- **Project 87409 – SR 874 Mainline Reconstruction**

Anticipated future traffic increase in this area of SR 874 resulted in MDX incorporating this project into its Five-Year Work Program. The project provides for widening from 4 to 6 lanes and resurfacing of the SR 874 mainline from Kendall Drive to SR 826 and will significantly enhance the capacity of the SR 874 corridor to tie into the adjacent FDOT SR 826 / Bird Road Interchange improvement project (see Project No. 87411 below) to the north, scheduled to be completed by FDOT in FY 2013. This project also ties in to MDX Project No. 87404 on the South. The 87409 project is scheduled to be let for construction in FY 2011.

- **Project 87411 – SR 874 / SR 826 Interchange Improvements**

MDX has entered into a Joint Participation Agreement with FDOT to contribute monies towards the reconstruction of the SR 874 / SR 826 Interchange to facilitate the construction of MDX Project 87409. This is another example of MDX working together with its transportation partners in the delivery of significant improvements to mobility in Miami-Dade County.

- **Projects 87412, 87801, 92405 - SR 874, SR 878, SR 924 Infrastructure Modifications for Open Road Tolling (ORT)**

These projects are currently underway. A single contract was issued to a Design-Build firm to include the removal of the existing toll plaza (on SR 924), installation of gantries, shelters and signage for all three roadways, and modification of the roadway (on SR 924) to accommodate highway-speed vehicle traffic for the implementation of ORT. Completion date for the SR 924 corridor conversion is scheduled for late FY 2010 and conversion of the SR 874 and SR 878 for early FY 2011.



SR 924 ORT Gantry construction.

System Expansion Projects

The following projects are categorized as System Expansions in the current Five-Year TIP and include all construction of new roadway segments on new alignments adjacent to the existing system that will increase the total centerline miles of the system:

- **Project 11205 – Interconnector from MIA to the Airport Expressway (SR 112)**

This project includes the identification of improvements to LeJeune Road (SR953), the Airport Expressway (SR 112) and the Airport Expressway (SR 112) interchange with US Route 27 and NW 36th Street (SR 948). The scope includes the development of a master plan for the future direct connection between the East-West Expressway (SR 836) and the Airport Expressway (SR 112) and final design plans completed in FY 2008 for improvements to adjacent collector-

distributor roads to be constructed by FDOT. All identified right-of-way has been acquired from willing sellers between NW 25th Street and Airport Expressway (SR 112)/NW 27th Avenue in coordination with Miami-Dade Transit (MDT). MDX continues to coordinate with MDT and FDOT to ensure that the envelop for the ultimate SR 112 Interconnector is preserved until such time as MDX can fund its construction.

- **Project 83618 – SR 836 Southwest Extension**

MDX is evaluating the feasibility for a new 15 mile expressway extension of SR 836 from NW 137th Avenue to SW 136th Street as part of the MDX Master Plan and the Metropolitan Planning Organization's (MPO) Long-Range Transportation Plan. The PD&E Study is anticipated to begin in FY 2011.

- **Project 87410 – SR 874 Ramp Connector**

The PD&E Study is underway to provide a new 1.2 mile ramp connection from SR 874 to SW 136th Street as part of the MDX Master Plan and the Metropolitan Planning Organization's (MPO) Long-Range Transportation Plan.

- **Project 92404 -SR 924 Extension West to the Homestead Extension of the Florida's Turnpike**

The PD&E Study is underway for a new 2.3 mile expressway extension of SR 924 to Florida's Turnpike in the vicinity of Okeechobee Road as part of the MDX Master Plan and the Metropolitan Planning Organization's (MPO) Long-Range Transportation Plan.

- **Project 92407 – SR 924 Extension East to I-95**

The PD&E Study is underway for a new 3.1 mile expressway extension of SR 924 east to I-95 as part of the MDX Master Plan and the Metropolitan Planning Organization's (MPO) Long-Range Transportation Plan.

- **Project 20002 – Systemwide Planning Studies**

This project funds the development of miscellaneous planning studies system-wide for the purpose of identifying potential new projects to be included in the MDX Master Plan and future work programs. Some of the studies that are underway include the SR 836 Airport/Seaport Managed Lanes, the US-1 Managed Lanes from Kendall to I-95 and the conversion of a portion of US-27 Okeechobee Road to a limited access facility. MDX continually evaluates opportunities to improve mobility and the overall quality of life throughout the County.

Facility Improvement Projects

The following projects are categorized as Facility Improvements in the current Five-Year TIP and designate all non-routine maintenance and minor roadway and toll plaza, toll and Intelligent Transportation System (ITS) projects throughout the system:

- **Project 10013, 10014, 10015, 10016, 10017, 10018 – SR 878, SR 874, SR 112, SR 836 Hardware/Software Development for Full ORT Toll System Conversion**

A single contract has been awarded to a System Integrator (ETCC) for the implementation of the In-lane & Host System and Account Management Traffic Enforcement System (AMTES) for the full conversion to ORT system-wide. The SR 924 corridor is scheduled to be converted in

late FY 2010, the estimated live date for the SR 874 and SR 878 corridors is early FY 2011; followed by SR 112 in FY 2012 and SR 836 in FY 2014 pending coordination with FDOT's SR 826 / SR 836 Interchange Improvements.

- **Project 10019 – Systemwide Implementation of Dynamic Message Signs (DMS)**

As of FY 2010 MDX will have completed its implementation of Intelligent Transportation System (ITS) which includes communications systems, incident management and traffic surveillance equipment for SR 112, SR 924, SR 874 and SR 878 which is all linked to the SunGuide Transportation Management Center to help traffic operations on the MDX system. This project provides for the installation of Dynamic Message Signs Systemwide that will display live traffic condition information collected by the MDX ITS surveillance system thus improving operations throughout the MDX System.

- **Project 10020 – ITS Master Plan**

The projects identified in the original MDX ITS Master Plan are nearing completion. Therefore this new plan will evaluate and update the existing ITS Master Plan and develop potential new projects related to the application of existing and new ITS technology to improve operations, information dissemination and mobility on the MDX system.

New Toll Expressways

The following projects are categorized as New Toll Expressways in the Five-Year TIP and include construction of new alignments of designated State Roads that will be added to the system:

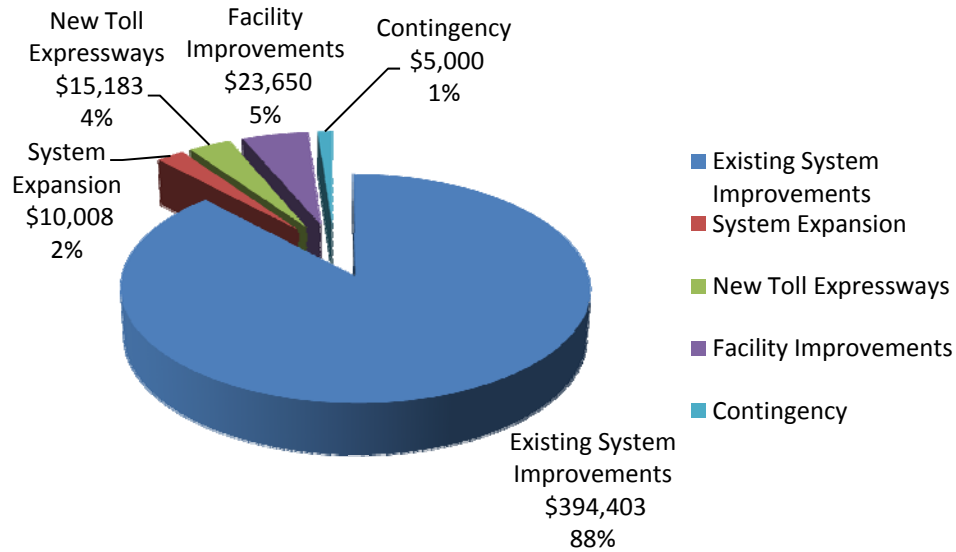
- **Project 20001 – Connect 4 Xpress**

This project provides for a new 9.7 mile expressway connecting SR 112, SR 836, SR 924 and SR 826, the Palmetto Expressway, including system interchanges with SR 112 and SR 924 and potential service interchanges with NW 54th Street, NW 79th Street and NW 103rd Street with connectors to NW 37th Avenue. A PD&E Study is anticipated to begin in FY 2011. The project's PD&E phase is in the MDX Master Plan and the MPO LRTP.

- **Project 20003 – U.S. 1 Express Lanes**

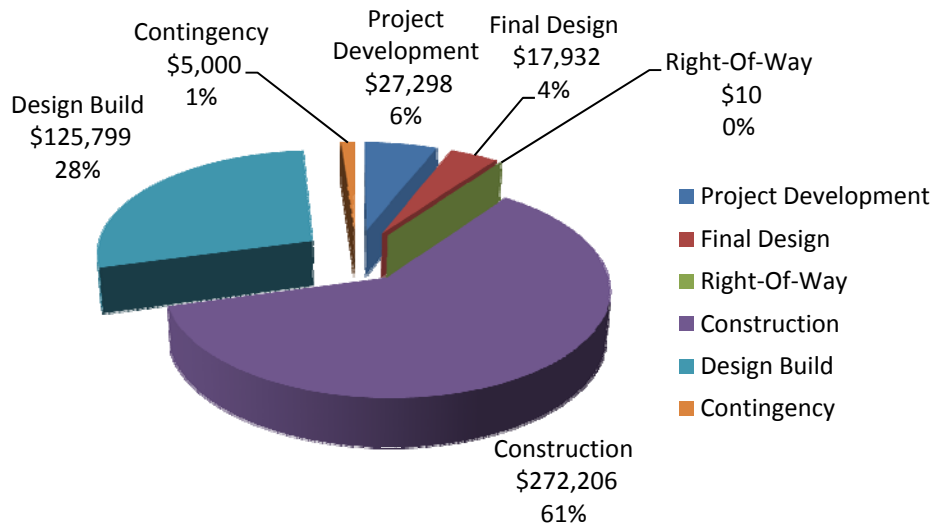
This project includes funding for the preparation of a PD&E Study to convert the existing Busway along U.S. 1 into a Managed Lane facility by constructing grade separations at key cross roads thus eliminating the need for traffic to stop at main intersections. This project is part of the MDX Master Plan and the MPO Long Range Transportation Plan. It is anticipated that the PD&E will begin in FY 2011 and will evaluate a 20 mile segment from SW 344 Street to SW 88th Street.

MDX Total Budget Breakdown by Project Category
Five Year Work Program
Fiscal Years 2011 - 2015



Total Work Program Budget
\$ 448.2 million

MDX Budget Breakdown by Work Program Phase
Five Year Work Program
Fiscal Years 2011 - 2015



Total Product Budget
\$448.2 million



Fiscal Years 2010/2011 - 2014/2015
Transportation Improvement Program
Florida's Turnpike Enterprise

The Turnpike Enterprise is an agency of the Florida Department of Transportation, overseeing a 449 mile system of limited – access toll highways. The Turnpike Mainline, or “Main Street”, extends from North Miami to a junction with Interstate 75 in north central Florida. It passes through the counties of Dade, Broward, Palm Beach, Martin, St. Lucie, Indian River, Okeechobee, Osceola, Orange, Lake and Sumter. The Turnpike System includes the 47 mile Homestead Extension (HEFT) and the 23 mile Sawgrass Expressway/Toll 869 in Broward County; among other facilities statewide.

Florida's Turnpike is a user-financed facility that uses toll revenues, sale of services (Service Plazas), and bonds to pay for new construction and maintenance of the entire system.

Miami-Dade County Turnpike Planned Projects

- Resurface mainline spur from Milepost 0x – 3.3x
- Resurface the pavement of the Homestead Extension from Milepost 0 to Milepost 9.2 and construct guardrail from Milepost 0 to Milepost 12 in both northbound and southbound directions.
- Traffic signal installation at SW 211th Street and NB HEFT Frontage Road
- Addition of auxiliary lanes between NW 74th Street and NW 106th Street
- Interchange ramp intersection turn lane improvements at the following locations:
 - Coral Reef Drive/SW 117th Avenue Interchange
 - Kendall Drive (SW 88th Street) Interchange
 - NW 12th Street Interchange





Fiscal Years 2010/2011 - 2014/2015

Transportation Improvement Program

Secondary Roads Program

Miami-Dade County Public Works Department

The program is divided into two distinct categories. The first section includes all new road construction or rehabilitation projects and the second section deals with the continuing projects that have fund allocations yearly.

Road Construction Projects

- SW 147 Avenue from SW 22 Terrace to SW 10 Street
- NW 95 Street East of I-95
- NW 138 Street from NW 107 Avenue to I-75
- NW 72 Avenue from NW 74 Street to Okeechobee Road



Continuing Program Projects

Bridge Repair and Painting	Beautification Improvements
Guardrail Safety Improvement	Pavement Markings Contracts
Railroad Improvements	Maintenance of Roads and Bridges
Safety Lighting	Safety Lighting Maintenance
Traffic Control Devices (Equipment/Materials)	Traffic Signals Loop Repairs
Special Taxing District	Local Grant Match for MPO
Pavement Markings Crew	Mast Arm Upgrades



Photo by Miami-Dade County Photographers



Photo by Miami-Dade County Photographers



Fiscal Years 2010/2011 - 2014/2015

Transportation Improvement Program

Road Impact Fee

Miami-Dade County Public Works Department

On December 6, 1988, the Board of County Commissioners adopted Dade County Road Impact Fee Ordinance No. 88-112, which provides for the fair share assessment of road impact fees on new building construction in Dade County, including municipalities. The County has been divided into nine road impact fee benefit districts. Fees collected within each district will be expended for roadway capacity improvements within each district.

Each district program includes four improvement categories: Road and Bridge Projects, Resurfacing, Traffic Operations Projects to Increase Capacity and Safety (T.O.P.I.C.S.), and Traffic Control Devices.

Road And Bridge Projects

Capacity improvements along arterials and collectors

Continuing Program Projects

Resurfacing

Paving, widening, drainage, striping



***T.O.P.I.C.S.* (Traffic Operations Projects to Increase Capacity and Safety)**

Intersection Improvements



Traffic Control Devices

Signalization





Fiscal Years 2010/2011 - 2014/2015

Transportation Improvement Program

Capital Improvement Local Option Gas Tax

Miami-Dade County Public Works Department

The Capital Improvement Local Option Fuel Tax, authorized by Section 336.025 (1) (B), Florida Statutes became effective January 1, 1994. It was reduced from five cents to three cents on September 1, 1996. In accordance with state statute, proceeds of this tax have been programmed for transportation expenditures needed to meet the requirements of the capital improvement element of the adopted comprehensive plan.

FY 2010-11 Projected Municipal Distribution

The actual distribution to the municipalities for FY 2010-11 will be based on a weighted formula which accounts for percentage of population (from the Florida Estimates of Population, April 1, 2009 – Bureau of Economic and Business Research, University of Florida) and the centerline mileage of municipal roadway for each incorporated area (from the “2009 City/County Mileage Report” – Florida Department of Transportation prepared in the Spring of 2010) with data reported as of September 30, 2009. The figures contained herein were calculated using these same reports. This estimate for FY 2010-11 will be sent to the municipalities at the time the County files its official estimate with the Florida Department of Revenue in June 2010.

In FY 2010-11, the estimated net revenue for the Capital Improvement Local Option Fuel Tax projected as of May 1, 2010 is \$25.146 million at 95 percent with \$6.538 million to be distributed to the municipalities and \$18.608 million to be distributed to the County (26 percent to the municipalities and 74 percent to the County according to the current interlocal agreement). The State of Florida is allowed to impose a 7.3 percent administrative fee. The FY 2010-11 estimate reflects little to no growth from the current year in fuel tax revenues after three years of decline resulting from lower fuel consumption due to volatile fuel prices and the national economic downturn.



Three Cents Local Option Fuel Tax - FY 2010-2011 Projected Municipal Distribution

<u>Jurisdiction</u>	<u>Population</u>	<u>Percentage Share Total Projected</u>	<u>Fuel Tax Distribution</u>
Aventura	31,126	0.00466	\$ 117,134
Bal Harbour	3,320	0.00047	\$ 11,704
Bay Harbor Islands	5,095	0.00091	\$ 22,791
Biscayne Park	3,198	0.00081	\$ 20,396
Coral Gables	45,501	0.01155	\$ 290,421
Cutler Bay	41,194	0.00768	\$ 193,188
Doral	34,456	0.00607	\$ 152,618
El Portal	2,479	0.00060	\$ 15,178
Florida City	10,217	0.00220	\$ 55,346
Golden Beach	945	0.00038	\$ 9,449
Hialeah	226,605	0.03927	\$ 987,363
Hialeah Gardens	21,006	0.00375	\$ 94,175
Homestead	57,617	0.01105	\$ 277,914
Indian Creek Village	60	0.00006	\$ 1,392
Key Biscayne	11,411	0.00204	\$ 51,227
Medley	1,123	0.00088	\$ 22,149
Miami	417,451	0.07268	\$ 1,827,559
Miami Beach	92,833	0.01519	\$ 382,070
Miami Gardens	109,730	0.02287	\$ 575,064
Miami Lakes	26,694	0.00539	\$ 135,637
Miami Shores	11,170	0.00280	\$ 70,446
Miami Springs	13,422	0.00378	\$ 95,073
North Bay Village	6,836	0.00109	\$ 27,426
North Miami	58,469	0.01110	\$ 279,045
North Miami Beach	40,142	0.00818	\$ 205,679
Opa-locka	15,284	0.00291	\$ 73,252
Palmetto Bay	25,133	0.00608	\$ 152,885
Pinecrest	19,491	0.00504	\$ 126,664
South Miami	11,378	0.00259	\$ 65,223
Sunny Isles Beach	19,540	0.00291	\$ 73,124
Surfside	5,745	0.00106	\$ 26,692
Sweetwater	14,247	0.00244	\$ 61,322
Virginia Gardens	2,265	0.00045	\$ 11,419
West Miami	5,733	0.00107	\$ 26,918
<u>TOTAL - Cities</u>	<u>1,390,916</u>	<u>0.26000</u>	<u>\$ 6,537,938</u>

County Local Option Fuel Tax Transportation Projects

The County reviews the Capital Improvement Local Option Fuel Tax distribution for the Miami-Dade Transit Agency on an annual basis for the most effective use of this limited funding subject to legislative actions taken by the Board of County Commissioners and state statute.

The estimated FY 2010-11 Capital Improvement Local Option Fuel Tax (\$18.608 million) is divided into two categories:

- The first category deals with transit improvements for Miami-Dade County's urban public transportation system (\$17.458 million).

- The second category includes debt service for Public Improvement Bonds funding local road resurfacing and related transportation improvements including sidewalks and drainage on local roads (\$1.150).



Fiscal Years 2010/2011 - 2014/2015

Transportation Improvement Program

People's Transportation Plan Improvements

Miami-Dade County Public Works

On the November 5, 2002 ballot, voters approved the People's Transportation Plan (PTP), which provides for a half percent sales surtax to fund major transportation improvements.

On the November 5, 2002 ballot, voters approved the People's Transportation Plan (PTP), which provides for a half percent sales surtax to fund major transportation improvements. The Citizens' Independent Transportation Trust (CITT), a group of citizens who function as an independent decision-making body, was created to oversee the construction and management of the PTP's 25-year, \$17 billion transportation plan. The Public Works Department (PWD) has worked closely with the CITT to provide a wide range of roadway and neighborhood improvements.

The PWD PTP Work Program for FY 2011 totals over \$119 Million. The plan includes the two categories from the PTP Ordinance that relate to the PWD; major highway road improvements and neighborhood improvement projects.

Major Highway Road Improvement Projects

Major road and bridge projects include, but are not limited to:

- NW 37 Avenue from North River Drive to NW 79 Street
- NE 2 Avenue from NE 43 Street to NE 62 Street
- SW 62 Avenue from SW 24 Street to NW 7 Street
- SW 27 Avenue from US1 to Bayshore Drive
- SW 137 Avenue from H.E.F.T. to US1
- SW 137 Avenue from US1 to SW 184 Street
- Old Cutler Road from SW 97 Avenue to SW 87 Avenue
- NW 87 Avenue from NW 154 Street to NW 186 Street
- NW 138 Street Bridge over Miami River Canal
- NW 74 Street from H.E.F.T to State Road 826



Major Countywide Highway Road Improvement Projects

ATMS - Advanced Traffic Management System

Neighborhood Improvement Projects

The PWD, as part of the PTP, has been tasked with coordinating and constructing various categories of Neighborhood Improvement Projects.

To address the various non-site specific categories discussed in the PTP Ordinance the Department created “The Neighborhood Improvement Projects Formula” to allocate funds. The formula takes into account population in the Unincorporated Municipal Service Area for each commission district, the needs as reported to the Department, the percentage of maintained arterial and collector lane miles, and a portion is evenly distributed to each district. PTP Neighborhood Improvements include modifications of intersections; resurfacing of local and arterial roads; installation / repairs of guardrails; installation of school flashing signals, enhancement of greenways and bikeways, A.D.A. curb cuts / repairs, pavement markings, roadway lighting, traffic calming, traffic signals, and traffic sign replacement / repair. Such improvements also include replacement / repair of sidewalks, repair / installation of drainage and landscape beautification (including community image enhancements) related to the development, construction, operation or maintenance of roads and bridges in the County or to the expansion, operation or maintenance of bus and fixed guideway system.

The Neighborhood Improvement Projects include:

- Site Specific Neighborhood Improvement Sites
- Non-Site Specific Neighborhood Improvement Sites
- Countywide Neighborhood Improvements
- School Flashing Signals Program

Fiscal Years 2010/2011 - 2014/2015
Transportation Improvement Program
Private Sector Improvements

Miami-Dade County Public Works Department is in charge of the Private Sector Improvements Program which addresses road improvement commitments to be made by private developers during the regional and local development approval process.

The improvements listed are necessary to help mitigate traffic impacts of specific large development projects such as Developments of Regional Impact (DRI) and other zoning requests reviewed by the Miami-Dade County Development Impact Committee (DIC) and approved by the Community Zoning Appeals Board (CZAB) or the Board of County Commissioners (BCC). These road improvement commitments are contained in County Commission zoning resolutions and/or documents proffered by development interests to the Commission. In some cases, especially DRI development orders, sketch drawings of the improvements are attached to these legal documents. The last column of the table in this section contains either the Commission Resolution Number or the official record book/page number associated with each improvement, which is necessary to obtain copies of the associated legal document from official County records or the Miami-Dade County Department of Planning and Zoning.

Unlike other parts of the TIP, the construction of improvements in this section are normally not linked to specific dates, but instead, are usually dependent upon the construction schedule of a specific development project, which can vary considerably according to the market and other conditions.

This section addresses road improvement commitments to be made by private developers as part of the land development process.



Private Sector Road improvements



Private Sector Road improvements duskduska

Fiscal Years 2010/2011 - 2014/2015



Transportation Improvement Program

Airport Development Improvements

Miami-Dade County Aviation Department

The Miami-Dade County Transportation Improvement Program includes capital improvements for the Aviation Department for the continued development of Miami International Airport and the General Aviation Administration Airports (GAA - OPF, TMB, X51 & TNT). The funding for this program is primarily from revenue generated by the Aviation Department and from Federal and State grants. Major projects at Miami-Dade County's airports include phases of the following:



	<u>Dollars in Million (Funded)</u>
MIA - 67 th Avenue ROW and Improvement	\$ 7.90
MIA - Concourse E and E Satellite Improvements	\$ 8.70
MIA - Pavement Rehabilitation and Overlay of Runway 12/30	\$ 32.00
MIA - Runway 8R/26L Runway Rehabilitation - Taxiway N Pavement Lighting	\$ 36.60
MIA - Upper Drive Widening	\$ 11.60
MIA - Mover DBOM	\$ 278.90
MIA - A380 Gates Modifications	\$ 22.70
MIA - A380 Airfield Modifications	\$ 10.00
MIA - Construction of Park 6 Structural Garage	\$ 17.00
MIA - Foreign Object Debris (FOD) Detection System	\$ 5.00
MIA - Additional Air Cargo Apron in the Westside Cargo Area	\$ 4.80
MIA - Wayfinding and Signage Master Plan Implementation	\$ 17.00
MIA - Concourse D East Roof Rehabilitation (Reroofing) Project	\$ 8.00
TMB - Runway 9R/27L Construction	\$ 30.00
TOTAL:	\$ 490.20

Note:

Planning Studies, Refurbishment, Chiller Plant, Environmental clean up, Asbestos, Demolition, Cooling tower, Water & Sewer, Roofing, Communication and Telecommunication Equipment, Fire Alarm and Life Safety upgrades thought not Transportation Improvements, are however Capital Improvements.



Fiscal Years 2010/2011 - 2014/2015

Transportation Improvement Program

Multimodal Seaport Development

The Dante B. Fascell Port Of Miami-Dade (“Port Of Miami”)

Transportation Improvement Program Strategy

The Transportation Improvement Program (TIP) for the Port of Miami, known as the cruise capital of the world and the Cargo Gateway of the Americas, is comprised of a total of \$606 million in funded projects over the next five years. The Seaport Department’s TIP for Fiscal Years 2011-2015 reflects the Port’s in-progress strategy of optimizing land use and enhancing throughput capacity to meet the demands of the cargo and cruise industries.

As part of the Capital Development Program, the Port of Miami is dedicated to continue to meet the industry demands by supporting the following Capital Improvement Projects:

- Miami Harbor Phase III Dredge
- Port of Miami Tunnel
- Cargo Container Yards
- Cruise Terminals and Parking
- Gantry Cranes
- Seaport Security



The Port’s continues to aggressively seek grant funding from local, state and federal sources. This year’s TIP reflects support from the Florida Department of Transportation (FDOT) in crucial projects ranging from Port and transportation infrastructure to dredging. There is also support from the U.S. Army Corps of Engineers with the Miami Harbor Phase III Dredge project which received congressional authorization. The U.S. Department of Homeland Security provides support for security projects under the Port Security Grant Programs. These agencies and the Port’s partners continue to be part of the established goals to support the program.

Specific Aspects Of The Program

Miami Harbor Phase III Dredge

The Port of Miami obtained Congressional Authorization through the Water Resources Development Act of 2007 for Phase III of the Miami Harbor Dredging project. At 50’ feet, the port will be able to double its cargo capacity and accommodate the super-post Panamax ships being built. The total cost for this project, over the next several years, is expected to be nearly \$200 million.

Port of Miami Tunnel

This project, led by FDOT and supported by the City of Miami and the Port, will directly connect POM to I-395. The tunnel will alleviate congestion by diverting a significant portion of traffic currently

passing through downtown because the only access/egress from the Port is through the Port Boulevard bridge.

Cargo Container Yards

As part of its contracts with the cargo terminal operators, the Port is committed to improving drainage, pavement and access to container yards over the next several years with anticipated project costs above \$50 million.

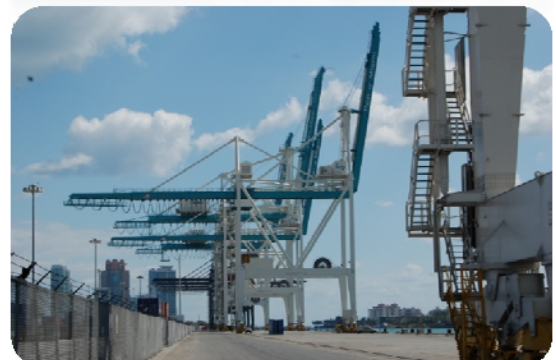
Cruise Terminals and Parking

Cruise terminal improvements have been underway in order to prepare for larger cruise ships calling at the Port. These projects include upgrading existing terminals D and E and the completion of upgrades to terminals B and C. Other infrastructure improvements include the construction of Parking Garage D and a paving of a new surface lot, which created an additional 873 spaces. Thanks to the continued support from FDOT, these parking projects have been completed.



Gantry Cranes

The Port currently has nine rail mounted gantry cranes that operate on over 5,000 feet of wharf. The Port intends to increase its efficiency by adding an additional seven cranes, for a total of sixteen. This requires the construction of an additional 2,000 feet of wharf area. This Port is converting four existing cranes from running on diesel power to running on an electric power system. The new system will provide emission free operations, reduce maintenance costs and eliminate the use of diesel fuels, thus creating a cleaner and healthier environment for the work force in the area.



Seaport Security

Security continues to be an item of national significance; therefore the Port of Miami operates under the Title 33 Code of Federal Regulations (CFR) Part 105 and receives support from the Department of Homeland Security (DHS) to fund security projects eligible under the Port Security Grants Program (PSGP).



Fiscal Years 2010/2011 - 2014/2015
Transportation Improvement Program
Public Transportation Improvements
Miami-Dade Transit

Specific Aspects Of The Program

The FY 2011 Transportation Improvement Program includes funding over the next five years for the following projects:

Urban Corridor Development: State Transit Corridor Program funds will be used for the continuation of several successful South Miami-Dade Busway routes as well as the Flagler MAX route, Busway Max, and I-95 Managed Lanes.

Routine Replacement and Enhancement

Metrorail Replacement: Based on the final negotiated price to rehabilitate the existing 136 rail car fleet, current operating and market conditions, and the results of life cycle cost analyses of new versus rehab, the County has determined that the procurement of new rail cars in lieu of rehabilitation would present a best value procurement option for the County at this time. The Board of County Commissioners (BCC) and Citizens' Independent Transportation Trust (CITT) has approved the \$401 million procurement of 136 new Metrorail vehicles featuring more comfortable interiors and a self-diagnostic system to address mechanical issues before they result in failures. The Request for Proposals (RFP No. 654) was issued March 31, 2009. Car manufacturers Alstom, Breda, and CAF submitted proposals on September 25, 2009. MDT Project Team is currently reviewing proposals. Notice to Proceed is scheduled for November 26, 2010. Delivery of the vehicles will begin November 2013.

Metromover Replacement: MDT awarded a contract on January 24, 2006 to Bombardier Transportation for the purchase of 29 Mover vehicles. The first part of the contract was to replace the existing Metromover Phase I vehicles. All 12 Phase I replacement vehicles have been delivered, tested and commissioned to revenue service. The warranty period for the 12 Phase I replacement vehicles will expire in March 2010.



On May 6, 2008, the Board of County commissioners (Board) approved the County Manager's recommendation to purchase the optional Phase II 17 new Metromover replacement vehicles that were included in the contract with Bombardier. The CITT forwarded a favorable recommendation on this amendment during its March 26, 2008 meeting. Notice to Proceed for the 17 Phase II vehicle option was issued effective July 17, 2008. Bombardier is procuring vehicle subsystems for the Phase II 17 car option and the first two (2) vehicles are expected to be delivered by July 2010.

Automated Fare Collection: This project has been completed.

Buses: Miami Dade Transit (MDT) continues its bus replacement program. MDT will be replacing forty-three buses this calendar year. Funding for this program is provided through various sources including the People's Transportation Plan (PTP), FDOT and Federal funding sources. MDT is currently overseeing the production of thirteen 40-foot diesel-electric hybrid buses for fleet replacement. These buses are scheduled to be put into service in the fall of 2010. In addition, twenty-five 60-foot diesel-electric hybrid buses are being produced, sixteen for use on the inter-county Dade Broward Express and nine for use on the Kendall Enhanced Bus Service. These twenty-five buses will be put into service in the summer of 2010. MDT is also in pre-production meetings for the manufacture of five 40 foot diesel-electric hybrids which are scheduled for delivery in late 2010.



Safety and Security: Funding is programmed to purchase security equipment to continue upgrades and installations of closed circuit camera television systems (CCTV) and its respective software components, and to continue the replacement of fire detection and reporting systems. MDT's commitment to the safety and security of the MDT system, its patrons, and its employees is the highest of priorities in the agency, therefore, staff has completed the installation of digital monitoring equipment at several key locations throughout MDT. In an effort to further complement its existing security infrastructure, MDT continues to aggressively add state-of-the art technology to both reduce crime and to aid law enforcement in proactively securing and safeguarding the system. Florida Department of Transportation (FDOT), Rule 14-15.017(2.2.1), however, prevents us from disclosing these improvements/installations in greater detail.

Future Park & Ride Sites

Miami-Dade Transit (MDT) continues to plan and construct additional park and ride facilities designed to address parking demand from transit patrons throughout Miami-Dade County.

Serving the Busway:



Miami-Dade Busway



Future Park and Ride Sites

New facilities along the Busway include:

SW 344 Street:

MDT is planning to build a 261 space parking lot with bus bays and shelters, located west of the southern end of the Busway between SW 344 Street (Palm Drive) and NW 2 Street and from NW 2 Avenue to NW 3 Avenue, in Florida City. This facility has an anticipated opening in the summer of 2012.

SW 168 Street:

MDT is contemplating the purchase of an existing 1.68 acre parking lot with 149 spaces, located north of SW 168 Street and east of SW 97 Avenue, adjacent to the Busway.

Quail Roost Drive:

MDT is considering the purchase of approximately 3.75 acres of vacant property (located between SW 184 Street and SW 186 Street) on which a park and ride lot would be constructed. It is estimated that the lot would have approximately 200 parking spaces.

Serving other bus routes:

SW 127 Avenue / Kendall Drive: MDT is planning to construct a park and ride lot on approximately 2.8 acres at the southeast corner of SW 88 Street (Kendall Drive) and SW 127 Avenue with about 180 spaces.

NW 186 Street / 73 Avenue: MDT has completed the design for a park and ride facility with 124 parking spaces, on a 2 acre site located at the southwest quadrant of NW 186 Street and 73 Avenue. Construction completion is expected by early 2011.

Douglas Road Metrorail Station: MDT is planning to repair and restore the park and ride lot under the Metrorail guideway located just south of the Douglas Road Station. This lot, with approximately 50 spaces, is anticipated to open September 2010.

Dadeland South Metrorail Station (SW 88 Street and US1): MDT is expanding the existing park and ride lot at Dadeland South Metrorail Station with an additional 93 parking spaces. Construction completion is anticipated by the end of March 2010.

Other Transit Facilities

Northeast Passenger Activities Center (NE-PAC)

The proposed NE-PAC is anticipated to be an enhanced bus hub that will connect circular, regional, and premium bus routes within the area. This transit center will replace and / or supplement the existing bus terminal located near the Mall at 163 Street. There are currently 15 bus routes that serve the existing bus terminal at the Mall at 163 Street. This project has been deferred by two years; however, MDT is presently identifying potential sites and will begin design in 2013.

7th Avenue Transit Village (NW 7th Avenue / NW 62 Street)

This proposed Miami-Dade Transit joint development project is expected to provide space for an enhanced transit facility within the context of an active, mixed-use development including space for housing, community-serving activities and functions in addition to retail use. This project is scheduled to be advertised in 2010.

Rapid Transit Corridor Development

Miami Intermodal Center (MIC) - Earlington Heights Connector:



Miami-Dade County broke ground on a 2.4-mile extension of Metrorail that will extend from the existing Earlington Heights Station at 2100 NW 41 Street along State Road 112 to the MIC, the county's future central transportation hub under construction next to Miami International Airport (MIA). This Miami-Dade Transit project includes a multilevel station at the MIC featuring landscaping, an entry plaza and other passenger amenities. The MIC will serve as a central transfer point for Metrorail, Metrobus, Tri-Rail, Amtrak, Greyhound, tour buses, taxi cabs, and rental cars. An automated people mover will connect the MIC to the MIA. This project will provide residents and visitors with direct Metrorail access to MIA. With this project, Miami-Dade County joins the ranks of major metropolitan areas around the world with rapid transit connections to their airports. Estimated project cost is \$526 million, with scheduled completion in the third quarter of FY 2012.

North Corridor: Deferred to outer years

East-West Corridor: Deferred to outer years



Fiscal Years 2010/2011 - 2014/2015

Transportation Improvement Program

Public Transportation Improvements

South Florida Regional Transportation Authority

The South Florida Regional Transportation Authority's (SFRTA) mission is to provide greater mobility in South Florida, thus improving the economic viability and the quality of the Community, Region and State. SFRTA operates the Tri-Rail Commuter Rail System. SFRTA, per its legislation, is charged with the responsibility of having the overall authority to coordinate, develop and operate a regional transportation system within the area served. The following projects are included in SFRTA's Capital Budget and Five Year Plan in the Fiscal Year 2011 thru 2015 period.



Tri-Rail Station And Parking Lot Improvements

SFRTA's Planning Department completed a Tri-Rail Parking and Circulation Study in April, 2007. The study, which was updated in 2008, evaluated parking facilities and various other passenger amenities (i.e. bike racks, signage, trash receptacles and benches, etc.) at all Tri-Rail stations. As a result of the study, recommended parking, access and miscellaneous improvements and upgrades to various Tri-Rail stations are programmed for implementation in the next five years including Opa-Locka and Golden Glades.

Tri-Rail/Metrorail 79th Street Station Improvements

As part of the Segment 5 Double Tracking Project, a new northbound station platform was added at the 79th Street Tri-Rail/Metrorail Station. In order to facilitate vertical and horizontal traffic movement between the two major modes of transit (Tri-Rail and Metrorail), SFRTA will construct a new East Connection to accommodate the new East (i.e., northbound) platform. Funds are programmed in current year and next two fiscal years for the construction phase of these improvements.

Ticket Vending Machines With Smart Card Technology

SFRTA is implementing universal fare card technology, usually referred to as smart card, to enhance the efficiency of intermodal transfers throughout south Florida. SFRTA has programmed capital funds for the procurement and implementation of a new generation of Ticket Vending Machines with Smart Card Technology to provide a seamless regional transportation system.

Planning And Capital Development

SFRTA's short and long term planning efforts and activities conducted by the Planning Department are included in this line item. This item facilitates the performance of planning and capital development studies and projects such as the Transit Development Plan (TDP), the development of a station-area Transit Oriented Development (TOD) plan for 18 Tri-Rail stations, and other studies and plans.



General Engineering Consultants

This budget item provides funding for the hiring of General Engineering Consultants. All contracts will be work-order based. Design work in support of parking and station improvements is underway.

Operation Department Projects

Included as part of SFRTA's budget line item for operational support projects, are miscellaneous improvements at the Hialeah Yard such as carwash and rewiring of the mechanical shop.

Rolling Stock Overhaul / Spare Parts

Rolling stock is one of SFRTA's major capital investments and must be well maintained for its service life. SFRTA's capital budget includes a line item that funds the overhaul of rail equipment, the purchase of spare components, painting of rail equipment, and other maintenance items.



Capital Improvement Projects

Capital improvement projects include funds for laying down additional storage tracks rail at the Hialeah Yard to store new rail equipment overnight, the purchase backup generators for stations, an elevator monitoring system, office and telecommunication equipment for SFRTA's Customer Service Center, replacement of the On-Board GPS System, leasehold improvements and the purchase of new and replacement vehicles for SFRTA's fleet.

Rolling Stock

Purchase of additional trains will allow SFRTA to continue to run twenty-minute service headways during rush hour, which is a requirement of the Full Funding Grant Agreement (FFGA) between SFRTA and the Federal Transit Administration (FTA). As part of its capital improvement program, SFRTA is planning to purchase new rolling stock including 14 rail cars (10 cab cars and 4 coaches) during the next fiscal years. Additionally, Stimulus funds are also being used to purchase new locomotives.

Preventive Maintenance

The projects under this line item include preventive maintenance expenses incurred by SFRTA, which are allowable expenditures of capital funds under FTA guidelines. Capitalized preventive maintenance costs include such items as rolling stock maintenance, station maintenance and ticket vending machine maintenance.

Appendix A

Completed Highway Project Listings

Completed Projects

Completed Projects in 2009 Florida Department of Transportation District 6

#	Project Name	Project Number	Limits	Type of Work	Completion Date
1	City of Sweetwater Sidewalk	41894915201	Sidewalk Repairs (Federal Earmark)	Sidewalk	September-09
2	Miami Intermodal Center Flexible Pavement Reconstruction	24993775201	NW 21 Street from East of NW 42 Avenue to NW 37 Avenue	Flexible Pavement Reconstruction	March-09
3	Miami Intermodal Center Flexible Pavement Reconstruction	25023465201	Interim Roadway Improvement from NW 42 Avenue to NW 25 Street	Flexible Pavement Reconstruction	March-09
4	Miami Intermodal Center Landscaping	41524015201	Roadway Landscaping	Landscaping	November-09
5	SR 112/41 Street Pedestrian Safety Improvement	41823865201	From SR 907/Alton Road to Pine Tree Drive	Pedestrian Safety Improvement	February-09
6	SR 5/Brickell Avenue Advanced Traveler Information System	41247335201	From South of SE 25 Road to Brickell Bridge (North of SE 5 Street)		July-09
7	SR 5/US-1/Biscayne Boulevard Landscaping	25022425201	From NE 37 Street to NE 67 Street	Landscaping	March-09
8	SR 5/US-1/Biscayne Boulevard Resurfacing	41462315201	From SE 2 Street to NE 5 Street	Resurfacing	November-09
9	SR 7/NW 7 Avenue Landscaping	25008125201	From NW 79 Street to NW 107 Street	Landscaping	October-09
10	SR 7/NW 7 Avenue Landscaping	25008135201	From NW 107 Street to NW 137 Street	Landscaping	September-09
11	SR 826/NW 7 Avenue	41808815201	From 850' South West of NW 7 Avenue to SR 7/US-441/NW 2 Avenue	Resurfacing	November-09
12	SR 826/Palmetto Expressway Landscaping	24911325201	From NW 99 Street to NW 122 Street	Landscaping	December-09
13	SR 836/I-395/I-95 Bridge Repair/Rehabilitation	42269415201	From I-95 to Biscayne Boulevard	Bridge Repair/Rehabilitation	August-09

Completed Projects

#	Project Name	Project Number	Limits	Type of Work	Completion Date
14	SR 9/SW/NW 27 Avenue Resurfacing	41984715201	From SW 8 Street to NW 11 Street	Resurfacing	May-09
15	SR 90/SE/SW 8 Street Resurfacing	41464615201	From Beacon Boulevard to SW 4 Avenue	Resurfacing	March-09
16	SR 90/US-41/Tamiami Guardrail	41965815201	Trail from MP 10 to MP 13.8	Guardrail	March-09
17	SR 907/Alton Road Pedestrian Safety Improvement	41823875201	From 5 Street to 17 Street	Pedestrian Safety Improvement	February-09
18	SR 915/NE 6 Avenue	42640715201	From NE 113 Street to NE 121 Street	Landscaping	December-09
19	SR 915/NE 6 Avenue Safety Project	42270115201	At NE 137 Street (Traffic Signal)	Safety Project	July-09
20	SR 922/96 Street/Kane Concourse Lighting	41839515201	From East Bay Harbor Drive to West Broadview Drive	Lighting	August-09
21	SR 922/NE 123 Street	41807115201	From Biscayne Boulevard to East Bayshore Drive	Resurfacing	December-09
22	SR 93/I-75 Resurfacing	25163025201	From SR 826/Palmetto Expressway to Broward County Line	Resurfacing	February-09
23	SR 933/NW 12 Avenue Replace Movable Span Bridge	24964015201	Over Miami River Bridge	Replace Movable Span Bridge	June-09
24	SR 933/SW/NW 12 Avenue Resurfacing	41464315201	From SW 13 Street to NW 7 Street	Resurfacing	June-09
25	SR 9336/SW 344 Street Safety Project	42269815201	At NW 7 Avenue (Pedestrian Signal)	Safety Project	July-09
26	SR 934/NW 79th Street Resurfacing	41985515201	From 175' East of NW 12 Avenue to NW 7 Avenue	Resurfacing	May-09
27	SR 968/Flagler Street Safety Project	42270015201	Between SW 38 Ct & SW 38 Avenue (Pedestrian Signal)	Safety Project	January-09
28	SR 972/Coral Way Resurfacing	41247515201	From West of SW 12 Avenue to SR 5/US-1	Resurfacing	October-09

Completed Projects

#	Project Name	Project Number	Limits	Type of Work	Completion Date
29	SR 973/NW 87 Avenue Resurfacing	41809015201	From North of Flagler Street to South of NW 12 Street	Resurfacing	October-09
30	SR 973/NW 87 Avenue Resurfacing	41809015202	From North Of Flagler Street to South of NW 12 Street	Resurfacing	October-09
31	SR 985/SW 107 Avenue Resurfacing	24959325201	From SR 976/SW 40 Street To SR 972/SW 24 Street	Resurfacing	October-09
32	SR 990/Killian Drive Safety Project	42270315201	At SW 82 Avenue (Traffic Signal)	Safety Project	January-09
33	SR 994/SW 200 Street Safety Project	42270215201	At SW 147 Avenue (Traffic Signal)	Safety Project	August-09
34	SR 9A/I-95	41067945201	From NW 130 Street to NW 110 Street	Landscaping	December-09
35	SR 9A/I-95 Park and Ride Lots	25168445201	Golden Glades Interchange Park & Ride (East Lot)	Park And Ride Lots	November-09
36	SR A1A Bridge Repair/Rehabilitation	25015325201	At Haulover Cut Bridge	Bridge Repair/Rehabilitation	December-09
37	SR A1A/Collins Avenue Pedestrian Safety Improvement	41823855201	From Sunny Isles Causeway to Lehman Causeway	Pedestrian Safety Improvement	February-09
38	SR A1A/Collins Avenue Resurfacing - Ride Only	41806715201	From 15 Street to North of Lincoln Road	Resurfacing - Ride Only	September-09
39	SR A1A/Harding Avenue Miscellaneous Construction	24956125201	From NE 87 Street to NE 96 Street	Miscellaneous Construction	May-09
40	Sunny Isles Boulevard Bridge Repair/Rehabilitation	25006525201	Bridge # 870592 and Bridge	Bridge Repair/Rehabilitation	March-09

List includes projects completed January 1 through December 31, 2009.

Completed Projects

Completed Projects in 2009 Florida's Turnpike Enterprise

#	Project Name	Project Number	Limits	Phase	Estimated Completion Date
1	Resurfacing		MP 12 – 17 and 20 – 23	Construction	November 2009

Completed Projects**Completed Projects in 2009
Miami-Dade Expressway Authority (MDX)**

#	Project Name	Project Number	Limits	Type of Work	Completion Date
1	SR 112 Communications and Incident Mgmt. /Surveillance	10007	Miami International Airport to I-95	ITS	December-09
2	SR 924 Communications and Incident Mgmt. /Surveillance	10009	SR 826 to NW 27th Ave.	ITS	October-09
3	SR 874 Northbound On-Ramp to Kendall Drive	87407	Kendall Drive to SW 72 Street	New ramp construction	January-10

List includes projects completed January 1 through December 31, 2009.

Completed Projects

Completed Projects in 2009 Miami-Dade County Public Works Department

Facility	From	To	Description	Status
NE 15 Avenue	NE 163 Street	NE 170 Street	Widen road to 4 lanes	Construction completed
NE 15 Avenue	NE 159 Street – 163 Street	NE 170 Street – Miami Gardens Dr.	Widen road to 3 lanes, intersection improvements	Construction completed
SW 142 Avenue	SW 42 Street	SW 26 Street	Roadway improvements	Construction completed
SW 157 Avenue	SW 54 Terrace	SW 52 Street	Widen road to 4 lanes	Construction completed
NE 2 Avenue	West Little River Canal	NE 91 Street	Street/Traffic Operational Improvements	Construction completed
NW 7 Street	NW 72 Avenue	NW 37 Avenue	Resurfacing and Traffic Operational Improvements	Construction completed
SW 180 Street	SW 147 Avenue	SW 137 Avenue	Curb and Gutter, Traffic Operational Improvements	Construction completed
SW 127 Avenue	SW 120 Street	SW 88 Street	Widen road to 4 lanes	Construction completed
SW 136 Street	SW 154 Avenue	SW 139 Court	Widen road to 4 lanes	Construction completed
SW 157 Avenue	SW 120 Street	SW 112 Street	New 4 lanes	Construction completed

Appendix B

Under Construction Highway Project Listings

**2010 TIP Projects Under Construction
Florida Department of Transportation District 6**

#	Project Name	Project Number	Limits	Type of Work	Estimated Completion Date
1	SR 907/Alton Rd	42382915201	At Allison Drive	Drainage/Retention	January-10
2	(ADA) Structure Relocation Drainage Improvements	41807855201	Biscayne Park, Miami Shores, North Miami, North Miami Beach, Surfside, Golden Beach	Drainage Improvements	January-10
3	(ADA) Structure Relocation Drainage Improvements	41807865201	Coral Gables, West Miami, South Miami, Pinecrest, Florida City	Drainage Improvements	January-10
4	(ADA) Structure Relocation Drainage Improvements	41807875201	Hialeah, Hialeah Gardens, Medley, Opa-Locka	Drainage Improvements	January-10
5	(ADA) Structure Relocation Drainage Improvements	41807885201	Miami Beach, Miami Springs, Miami, Virginia Gardens	Drainage Improvements	January-10
6	I-395/SR A1A	25168615201	From NW 7 Avenue East to Alton Road	Advanced Traveler Information System	January-10
7	I-95	41774029201	ITS Equipment Replacement	ITS Communication System	November-10
8	Miami Intermodal Center: GMP 5	40680005201	Automated People Mover Platform	New Construction	June-10
9	Miami Intermodal Center: GMP 4A	249937-5 249937-6	Rental Car Center Including Support Building	New Construction	December-10
10	NW 87 Avenue	40561525201	From NW 58 Street to NW 74 Street	New Road Construction	February-11
11	NE 87 Street	42640915201	From NE 2 Avenue to NE 4 Road	Resurfacing	January-10

Under Construction Highway Project Listings

#	Project Name	Project Number	Limits	Type of Work	Estimated Completion Date
12	NW 25 Street	25118525201	From SR 826 to NW 67 Avenue	Add Lanes & Reconstruct	July-11
13	NW 25 Street	40566535201	Viaduct from SR 826 to NW 68 Avenue	New Road Construction	July-11
14	NW 67 Avenue/Ludlam Road	42641815201	At NW 38 Terrace and at NW 40 Street	Drainage Improvements	January-10
15	Perimeter Road Intermodal Hub Capacity	41820815201	From NW 72 Avenue to NW 57 Avenue	Intermodal Hub Capacity	May-10
16	Port of Miami Tunnel	25115635201	Port of Miami to SR 836/I-395	New Construction	May-14
17	SR 112/I-195	40557845201	From Biscayne Waterway to SR 907/Alton Road	Resurfacing	February-10
18	SR 25/NW 36 Street Railroad Signal	41643725201	At Crossing	Railroad Signal	January-10
19	SR 25/Okeechobee Rd	42269915201	At NW 154 Avenue (Traffic Signal)	Traffic Signals	March-10
20	SR 5/US-1	24985645201	From Mile Marker 115.94 to SW 344 Street (W/ Excep)	Flexible Pavement Reconstruction	March-11
21	SR 5/US-1/Biscayne Boulevard	40557835201	From NE 36 Street to NE 38 Street	Resurfacing	July-11
22	SR 5/US-1/Biscayne Boulevard	41462415201	From NE 15 Street to NE 35 Terrace	Flexible Pavement Reconstruction	July-11
23	SR 5/US-1/Biscayne Boulevard	40564125201	From NE 67 Street to NE 87 Street	Landscaping	February-10

Under Construction Highway Project Listings

#	Project Name	Project Number	Limits	Type of Work	Estimated Completion Date
24	SR 5/US-1/South Dixie	41062525201	From 400' South of SW 284 Street to 340' North of SW 266 Street	Flexible Pavement Reconstruction	December-11
25	SR 5/US-1/South Dixie	42351715201	At SW 344 Street	Intersection (Modify)	April-10
26	SR 5/US-1	24985625201	From Mile Marker 121.32 to Mile Marker 124.18	Flexible Pavement Reconstruction	May-11
27	SR 7/NW 5 Street Bridge	41280815201	Bridge from NW 3 Street to NW 8 Street	Replace Movable Span Bridge	March-10
28	SR 823/NW 57 Avenue	24994125201	From West 19 Street to West 23 Street	Add Lanes & Reconstruct	June-11
29	SR 823/NW 57 Avenue	24994135201	From Okeechobee Road to West 19 Street	Add Lanes & Reconstruct	June-11
30	SR 826 at NW 122 Street	41611715201	From West 21 Court to East of West 20 Avenue	Interchange Ramp (Modify)	March-10
31	SR 826/Palmetto Expressway	24965125201	From NW 47 Street to NW 62 Street	Landscaping	March-10
32	SR 826/Palmetto Expressway	24903515201	From North of Sunset Drive/SW 72 Street to SW 32nd Street	Interchange (Modify)	June-12
33	SR 826/Palmetto Expressway	41476025201	From NW 25 St Interchange to I-75	ITS Surveillance System	January-10
34	SR 826/SR 836	24958115201	North of SW 8 Street to South of NW 25 Street & from NW 87 to 57 Avenues	Interchange (Modify)	November-14
35	SR 860/Miami Gardens Drive	40773615201	NW 84 Court to NW 68 Avenue	Resurfacing	November-10

Under Construction Highway Project Listings

#	Project Name	Project Number	Limits	Type of Work	Estimated Completion Date
36	SR 860/Miami Gardens Drive	40773625201	NW 68 Avenue to NW 59 Avenue	Resurfacing	November-10
37	SR 90/US-41/Tamiami	41949615201	Trail From MP 0 to 10.00 and from MP 24.7 to 25.7	Safety Project	January-10
38	SR 907/63 Street	40793515201	Bascule Bridge	Bridge Repair/Rehabilitation	July-10
39	SR 916/NW/NE 135 Street	41985615201	From NW 47 Avenue to NW 30 Avenue	Resurfacing	January-10
40	SR 934/79 Street Causeway	41506025201	Phase 2 Substruct Repairs	Bridge Repair/Rehabilitation	August-10
41	SR 94/Kendall Drive	42351415201	West of SW 99 Court to East of SW 98 Court	Intersection Improvement	December-10
42	SR 968/West Flagler Street	41985015201	784' East of SW 87 Avenue to 384' of SW 78 Avenue	Resurfacing	August-10
43	SR 976/SW 40 Street	41809315201	From SW 57 Avenue to West of SW 38 Avenue	Resurfacing	October-10
44	SR 9A/I-95	41067995201	From SR 5/US-1 to NW 8 Street	Landscaping	May-10
45	SR 9A/I-95	42303615201	Southbound Ramp to SW 7 Street	Bridge Repair/Rehabilitation	October-10
46	SR 9A/I-95 Express	41545615201	From North of SR 836/I-395 to Golden Glades Interchange	Add Special Use Lane	April-10
47	SR A1A/Collins Ave	41808915201	South of 26 Street to Indian Creek Drive	Resurfacing	November-10

Under Construction Highway Project Listings

#	Project Name	Project Number	Limits	Type of Work	Estimated Completion Date
48	SR A1A/Indian Creek	24994015202	From 63 Street to Abbott Avenue	Intersection (Minor)	July-10
49	SR A1A/Indian Creek	24994015201	From 63 Street to Abbott Avenue	Intersection (Minor)	July-10
50	SR A1A/McArthur Causeway	41463515201	From Ramp to Watson Island to East of Terminal Island	Resurfacing	January-10
51	Sunguide Control Center	25023875201	ITS Communication System	Building Repair	April-10
52	Sunguide Control Center	25023885201	ITS Communication System	Building Repair (Phase 2)	August-10

List includes all projects let as of December 2009.

**2010 TIP Projects Under Construction
Florida's Turnpike Enterprise**

#	Project Name	Limits	Phase	Estimated Completion Date
1	NW 74th Street Interchange	NW 74th Street	Construction	March 2010
2	Okeechobee Plaza ORT Conversion	Okeechobee Plaza	Construction	March 2010
3	HEFT All-Electronic Tolling	MP 0 (S. Dixie Highway) – MP 47 (Miramar Toll Plaza)	Construction	September 2011

**2010 TIP Projects Under Construction
Miami-Dade Expressway Authority (MDX)**

#	Project Name	Project Number	Limits	Type of Work	Estimated Completion Date
1	SR 826/SR 836 Interchange Improvements	83608	SR 826 Interchange to SR 836	Interchange Modification (JPA with FDOT)	November-14
2	SR 836 Eastbound Auxiliary Lane	83622	SR 826/SR 836 Interchange to NW 42nd Ave.	Additional Capacity	March-11
3	SR 874 / Killian Parkway Interchange Improvements	87404	Homestead Extension of Florida's Turnpike to Kendall Drive	Mainline Reconstruction	November-12
4	SR 874 Infrastructure Modifications for Open Road Tolling	87412	Homestead Extension of Florida's Turnpike to SR 826	Rdwy. Reconstruction, Demolition, Gantry, Signs Installation	July-10
5	SR 878 Infrastructure Modifications for Open Road Tolling	87801	SR 874 to U.S. 1	Rdwy. Reconstruction, Gantry, Signs Installation	July-10
6	SR 924 Infrastructure Modifications for Open Road Tolling	92405	57th Avenue to 27th Avenue	Rdwy. Reconstruction, Demolition, Gantry, Signs Installation	November-10
7	SR 874 / SR 878 Communications and Incident Mgmt. /Surveillance	10010	SR 874 to U.S. 1	ITS	February-10
8	SR 924 Toll System Conversion	10013	SR 826 to NW 27th Ave.	ORT In-Lane Hardware/Software	June-10
9	SR 878 Toll System Conversion	10014	SR 874 to U.S. 1	ORT In-Lane Hardware/Software	July-10
10	SR 874 Toll System Conversion	10015	SR 826 to the Homestead Extension of the Florida's Turnpike	ORT In-Lane Hardware/Software	July-10
11	SR 112 Toll System Conversion	10016	Le Jeune Road to I-95	ORT In-Lane Hardware/Software	July-12

Under Construction Highway Project Listings

#	Project Name	Project Number	Limits	Type of Work	Estimated Completion Date
12	SR 836 Toll System Conversion	10017	NW 137 th Ave. to I-95	ORT In-Lane Hardware/Software	June-14
13	Systemwide Open Road Tolling Hardware/Software Development	10018	Systemwide	ORT Host and AMTES Hardware/Software	July-10

List includes all projects let, but not completed from December 2009 to date.

2010 TIP Projects Under Construction
Miami-Dade County Public Works Department

Facility	From	To	Description	Status
NW 72 Avenue	NW 74 Street	Okeechobee Road	Widen road to 4 lanes	Under construction
NW 74 Street	NW 87 Avenue	NW 84 Avenue	Road reconstruction	Under construction
NE 2 Avenue	NE 91 Street	NE 105 Street	Roadway improvements	Under construction
NW 97 Avenue	NW 138 Street	NW 154 Street	New 4 lanes	Under construction
NW 138 Street	NW 107 Avenue	I-75	Widen road to 6 lanes, canal relocation	Under construction
SW 62 Avenue	SW 24 Street	NW 7 Street	Street Improvements	Under construction
SW 72 Avenue	SW 40 Street	SW 20 Street	Street/Traffic Operational Improvements	Under construction
SW 160 Street	SW 147 Avenue	SW 137 Avenue	New 4 lanes	Under construction
SW 157 Avenue	SW 136 Street	SW 120 Street	New 4 lanes	Under construction
NW 74 Street	NW 107 Avenue	NW 87 Avenue	New 6 lanes	Under construction

