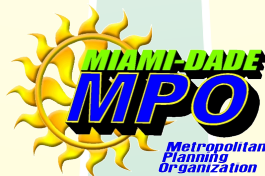


2007

**Transportation Improvement Program**

**TIP**

**Citizen's  
Version!**



# Table of Contents

	<u>Page(s) #</u>
Message to the Reader	3
About this document	3
What is the TIP	3
TIP: Putting the Long Range Transportation Plan into Action	3
Some Basic Facts about Miami-Dade County	4
InteracTIP - How to access the TIP on the web?	5
The TIP's Mechanics:	
Why is there a TIP?	5
Who prepares the TIP?	5
How does the TIP work?	5
TIP Consistency	6
What fiscal years does the TIP include?	6
What does the TIP include?	6
Who participates in putting the TIP together?	6
The TIP's Technicalities:	
Who must approve the TIP locally?	7
Who must approve the TIP at the State level?	7
Who must approve the TIP at the federal level?	7
Where does the MPO get its authority?	7
TIP Program Funding:	
Where does Highway funding come from?	7
Where does Transit funding come from?	7
Primary State Highways and Intermodal Projects	8, 9, 10, 11, 12, 13, 14
Miami-Dade Expressway Authority (MDX)	15, 16
Florida's Turnpike District Improvements	17
Secondary Road Improvements by Public Works	18
Road Impact Fee Improvements by Public Works	19, 20
Local Option Gas Tax (LOGT) Improvements by Public Works	21
People's Transportation Plan Improvements by Public Works	22, 23
Private Sector Improvements	24
Airport Development Improvements	25
Multimodal Seaport Development	26, 27, 28

## Table of Contents (Continued)

	<u>Page(s) #</u>
Public Transportation Improvements	29, 30, 31
South Florida Regional Transportation Authority	32, 33
APPENDIX A: Completed Projects	34
Florida Department of Transportation District 6	35, 36
Florida's Turnpike Enterprise	37
Miami-Dade County Public Works Department	38
Miami-Dade Expressway Authority (MDX)	39
APPENDIX B: Under Construction Projects	40
Florida Department of Transportation District 6	41, 42, 43, 44
Florida's Turnpike Enterprise	45
Miami-Dade County Public Works Department	46
Miami-Dade Expressway Authority (MDX)	47

# A CITIZENS° GUIDE TO THE TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

## 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).

## About this document

This document is titled the "Transportation Improvement Program" and also known as the "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



Picturing the projects contained in the 2030 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 2.2 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 2030, the region's population is expected to climb to 3 million, while the number of households grows 40.7 percent, from the current 0.8 million to 1.1 million. In addition, the number of jobs in the county will increase from 1.2 million to over 1.6 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 362,000 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, 542 miles of major roadways, over 5,600 miles of local streets and roads, and 180 miles of bike paths. In all, that's over 6,000 mile that must be maintained, policed, cleaned and frequently repaved or rebuilt. In addition, there are 110 bridges, 130 miles of active railroad tracks, one major airport, and one seaport.

### Public Transportation

A fleet of over 1000 buses travel an average of 118,000 miles daily (weekday) serving the county's population on major roads. Total daily ridership averages about 240,000. In addition, daily ridership on Metrorail (the 22.6-mile elevated rail) averages about 60,000 trips; on the Metromover (the 4½ mile downtown mover), average daily ridership is 28,000. Of all workers in the central business district, an estimated 20% take one of these forms of transit to get to work.

### Vehicles

In Miami-Dade County, there are 1.8 million passenger vehicles traveling our road network. In total, those vehicles travel 40 million miles daily; by 2025, that will increase to over 50 million miles daily. The typical household makes eight trips a day. The average resident of Miami-Dade County consumed 381 gallons of fuel in the year 2000 and traveled 17.7 average miles per day. These figures are expected to increase by at least 35 percent over the next twenty years.

### The commute

Work trips account for nearly 20 percent of all travel in Miami-Dade County. On an average workday, 96 percent of the region's commuters travel to work by car, 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?

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](http://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](http://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.



### 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) and 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 2030 Long Range Transportation Plan.





### **What fiscal years does this TIP include?**

This TIP covers fiscal years 2007 to 2011. Fiscal years spanned are 2006/07, 2007/08, 2008/09, 2009/10 and 2010/11. Fiscal years, as opposed to calendar years, begin on July 1<sup>st</sup> and end on June 30<sup>th</sup>.

Fiscal Year 2006/07 -----	begins July 1, 2006 and ends June 30, 2007
Fiscal Year 2007/08 -----	begins July 1, 2007 and ends June 30, 2008
Fiscal Year 2008/09 -----	begins July 1, 2008 and ends June 30, 2009
Fiscal Year 2009/10 -----	begins July 1, 2009 and ends June 30, 2010
Fiscal Year 2010/11 -----	begins July 1, 2010 and ends June 30, 2011



### **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)

## 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).



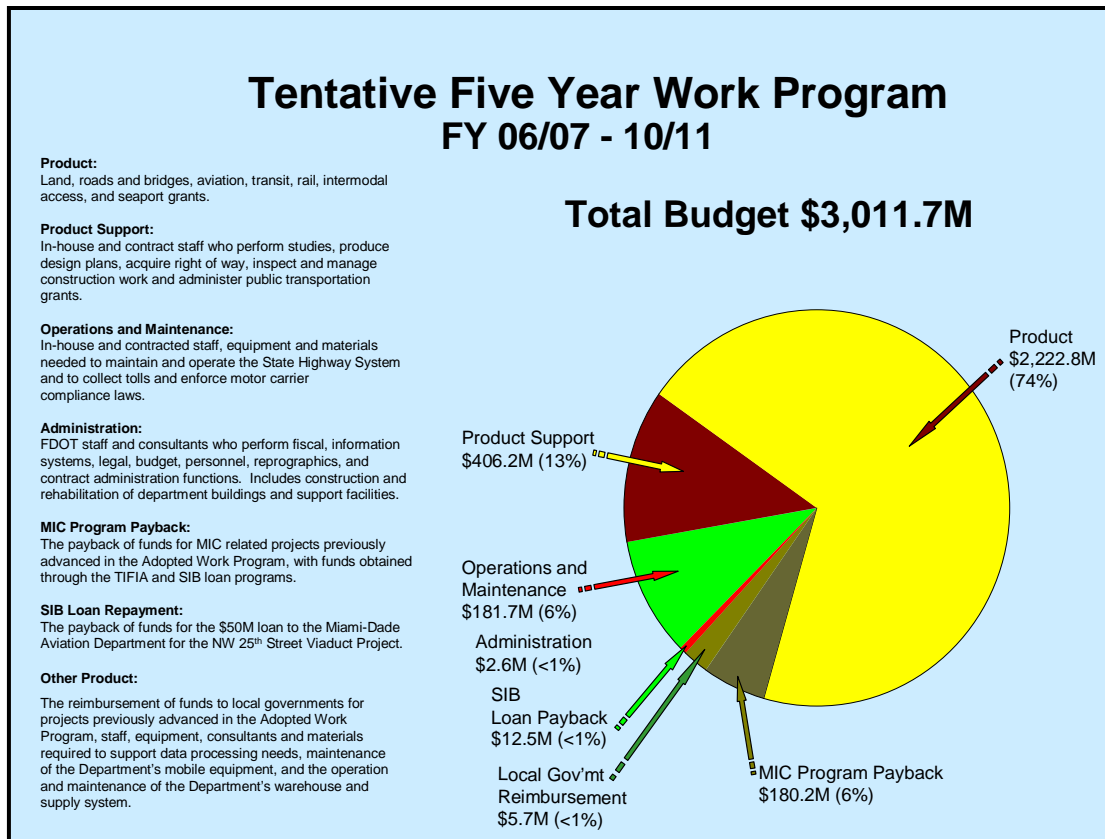
# Primary State Highways and Intermodal Projects

## The Florida Department of Transportation's Five Work Program

The Florida Department of Transportation's (FDOT) District VI<sup>1</sup> 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 list of transportation activities and improvements that the Department is to undertake within a projected five-year period. In accordance with legislation, the first three years of the Adopted Work Program stands as the commitment by the state to undertake transportation projects that local governments may rely on for planning purposes. The projects must be consistent with the goals and objectives found in 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 2005 FDOT began the new cycle to develop the "Tentative" Work Program for Fiscal Years 2007 through 2011. The final program was sent to the Governor and the State Legislature for review in February of 2006. The FDOT Secretary will adopt this Work Program in July 1, 2006.

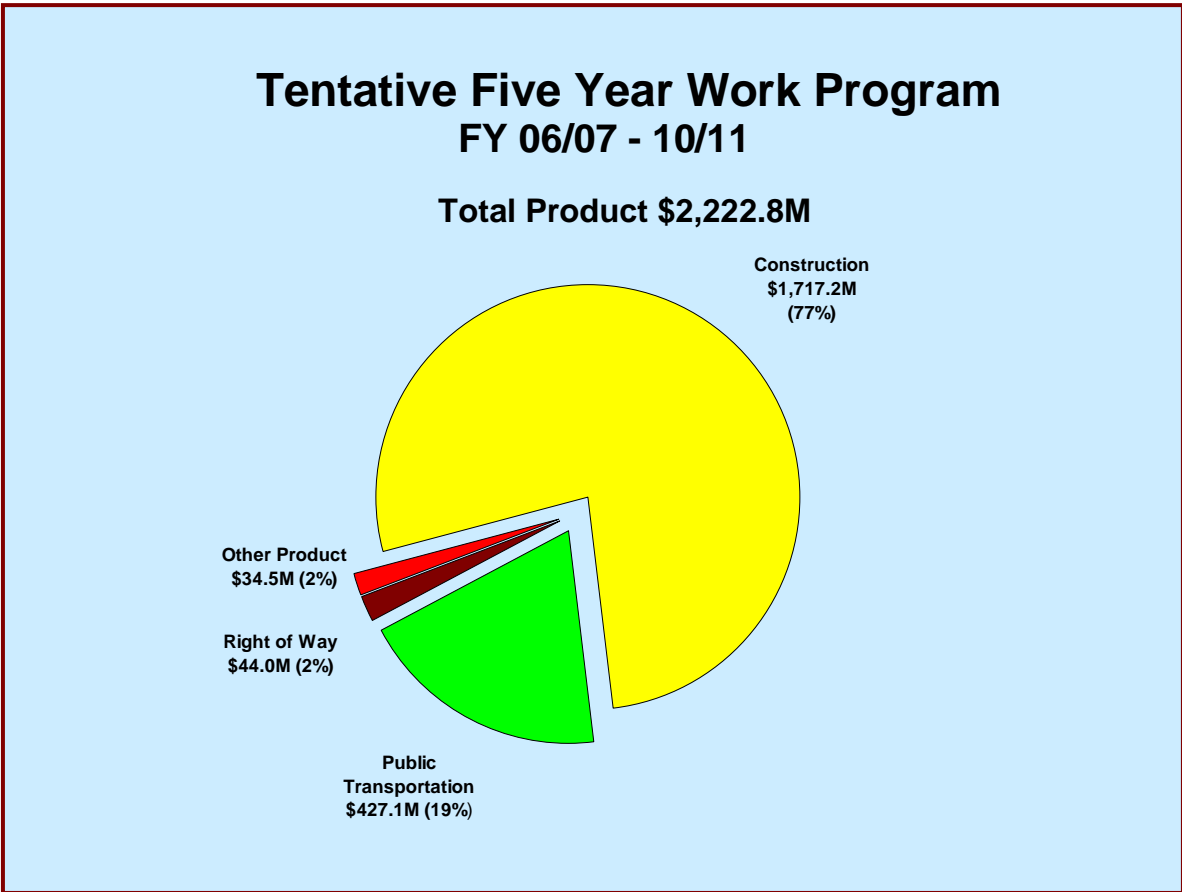


<sup>1</sup> District VI is comprised of Both Miami-Dade and Monroe Counties

# Primary State Highways and Intermodal Projects (Continued)

## Programs

For budgeting purposes the Department’s Work Program is comprised of five departmental programs. They are: Product, Product Support, Operation and Maintenance, Administration and Other. The Department’s Work Program Product is what 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** includes in-house and contract staff who perform studies, produce design plans, acquire right of way, inspect and manage construction work and administer public transportation grants. **Operations and Maintenance** includes in-house and contract staff, equipment, and materials needed to maintain and operate the State Highway System and to collect tolls and enforce motor carrier compliance laws. **Administration** is comprised of FDOT staff and contract staff who perform fiscal, information systems, legal, budget, personnel, reprographics, and contract administration functions. It also includes construction and rehabilitation of department buildings and support facilities. **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 Department’s mobile equipment and the operation and maintenance of the Department’s warehouse and supply system



## Primary State Highways and Intermodal Projects (Continued)

### Funding

The Department's funds are allocated among eight districts statewide. In the Miami-Dade urbanized area, District VI 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. By statute, the Department must develop a program that is balanced to cash and revenue forecasts. 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 intermodal projects. The Department will spend approximately \$3.0 billion on transportation, in District VI, over the next five years. The Department's total product budget is \$2.2 billion. Over 77% of that budget will go toward funding construction projects in District VI. These projects fall under four major construction categories: Capacity improvement, Safety, Bridge, and Resurfacing. Up to 19% of the budget pays for Public Transportation programs and services. A sampling from the work program is highlighted below. They include intermodal, intelligent transportation, corridor improvements, bridge replacements and public transportation improvements.

### Major Intermodal Projects



Golden Glades Intermodal Center Today



Future Miami Intermodal Center  
Rental Car Facility

- **Miami Intermodal Center**

The Department's 5-Year Work Program has over \$425 million programmed for the Miami Intermodal Center (MIC). These funds will be used for the following: planning, design and construction of the MIC Central Station, the Rental Car Facility and the Customer Service Lobby, roadway and intersection improvements, the MIC-Miami International Airport (MIA) station for the people mover connecting the MIC to the MIA terminal, loan paybacks and consultant support.

- **Golden Glades Intermodal Center**

The realization of the Golden Glades Intermodal Center will be made possible through a public-private partnership. It will provide a regional transit link to Tri-Rail, Miami-Dade Transit, Broward County Transit and the MPO's Regional Van Pool Program. A sum of \$38 million of federal, state, and local funds have been programmed.

## Primary State Highways and Intermodal Projects (Continued)

### Strategic Intermodal System (SIS) Projects

The SIS includes all FIHS roadways (expressways, other major arterials, such as Krome Avenue and a portion of Okeechobee Road), seaports and airports and their connections to rail network and the FIHS. Examples of SIS projects are as follows:

- **N.W. 25<sup>th</sup> Street Viaduct and Roadway Projects**  
Over \$125 million has been programmed, for FY 2005/06 and FY 2006/07, in partnership with Miami-Dade County and the MPO.
- **SR 997/Krome Avenue Corridor**  
Projects identified in the Work Program continue the implementation of the Krome Avenue Action Plan. Over \$129 million of State and Federal funds are programmed for right-of-way, environmental mitigation, and construction.
- **Palmetto Expressway/S.R. 826**  
A total of \$470 million is programmed for construction of interchange at S.R. 836 and at Bird Road.
- **Port of Miami**  
The Department has programmed \$178 million towards construction of the Port Tunnel which will link the port to S.R. 836.
- **Miami International Airport Central Boulevard**  
A total of \$48.5 million has been programmed for improvements to the primary entrance road to the airport.

### Intelligent Transportation System (ITS) Program

The deployment of ITS techniques will enable 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 will include closed circuit TV, vehicle sensors and variable message signs describing real time roadway conditions. The 511 SunGuide program, and travel information will be available,, around the clock, for each ITS roadway, by dialing 511.

- Federal , State and local funds have been programmed for ITS. Examples of projects are service patrols, continued expansion to additional roadways, I-95 ramp metering, promotion of the 511 Program and partnering with the MPO and Miami-Dade Expressway Authority.





## Primary State Highways and Intermodal Projects (Continued)



Traffic Management Center Monitoring Screens

### Other Major Corridor Improvements

- Biscayne Boulevard
- S.R. 25/Okeechobee Road
- N.W. 87<sup>th</sup> Avenue
- N.W. 57<sup>th</sup> Avenue
- N.W. 74<sup>th</sup> Street
- Miami International Airport Central Boulevard
- N.W. 25<sup>th</sup> Street Viaduct providing Miami International Airport cargo access improvement.



N.W. 74<sup>th</sup> Street Today

## Primary State Highways and Intermodal Projects (Continued)

### Major Bridge Replacement Program

- N.W. 5<sup>th</sup> Street Bridge

### Public Transportation Projects

#### Transit

- \$86 million State Transit Block Grant
- \$73 million MIC-Earlington Heights Metrorail Connector
- \$108 million for the North Corridor Metrorail Extension



Future N.W. 5<sup>th</sup> Street Bridge



Proposed MIC Transit Terminal



Future N.W. 25<sup>th</sup> Street Viaduct

#### Aviation

- \$73 million for the Miami Intermodal Center - Miami International Airport (MIC - MIA) Connector.
- \$48 million Miami International Airport MIA expansion support.



## Primary State Highways and Intermodal Projects (Continued)

### Public Transportation Projects (Continued)

#### Rail

- \$8.9 million for freight and passenger capacity projects



Tri-Rail--South Florida's Commuter Rail Service

#### Seaport

- \$7.2 million for cargo capacity projects



Port of Miami Cargo Operations

# Miami-Dade Expressway Authority (MDX) Improvements

## INTRODUCTION

The Proposed MDX Five Year Transportation Improvement Program consists of 43 projects for a total of **\$203.9 million for Fiscal Year 2007** and approximately \$593 million for the entire Five-Year Work Program (FY07-FY11).

During Fiscal Year 2006 MDX primarily focused on the design and construction of the three S.R. 836 Extension projects, 83605, 83612 and 83614 all currently on schedule. Major strides were achieved in the construction of S.R. 836 operational improvements projects such as 83615 and 83619; these projects are approaching 100% completion.



- SR 836 to the HEFT Completed -

Some of the planning efforts completed during FY 2006 include the MDX Long Range Master Transportation Plan update to include projects through FY 2025 as well as the Open Road Tolling (ORT) Master Plan report which will pave the way for future mobility enhancements.

MDX has also completed the first of the S.R. 836 Extension Projects, the MDX Project 83612 from East of 107<sup>th</sup> Avenue to its terminus at the entrance to the HEFT Connection. MDX also completed the ITS 10002 project which provides a back bone of communications, highway advisory and incident management/surveillance to the MDX corridor. This project also integrates FDOT with the MDX system providing communication from I-95

through S.R. 836 to the SunGuide center.

MDX is scheduled to complete the Auxiliary lanes or CD roads from East of Red Road (57<sup>th</sup> Avenue) to West of 72<sup>nd</sup> Avenue in fiscal year 2007.



- Extension Project under Construction -

The construction of S.R. 836 Extension project which includes construction from 107<sup>th</sup> Avenue to 137<sup>th</sup> Avenue and the construction of 137<sup>th</sup> Avenue from NW 12<sup>th</sup> Street to SW 8<sup>th</sup> Street, as part of a Joint Participation Agreement with Miami-Dade County, is about 60% completed and MDX anticipates substantial completion by February of 2007. The extension project will provide expressway access to the growing residential and industrial communities in West Miami-Dade County. The Toll Plaza Section includes the improvements from 107<sup>th</sup> Avenue to 87<sup>th</sup> Avenue and a new toll plaza incorporating Express Lanes

and the newest technological advances in electronic toll collection. The Extension of S.R. 836 will be the first Open Road Tolling segment within the MDX system which incorporates electronic toll collection with the use of gantries eliminating conventional cash tolls. The existing roadway geometry

## MDX Improvements (Continued)

will be improved and the project will be designed to tie into the proposed improvements to the S.R. 826/S.R. 836 Interchange under design by FDOT.

All three Extension projects are design build projects and have a total cost of approximately \$225 million. These new improvements will be open to the public by 2007.

The agency is scheduled to retrofit S.R. 112 (Airport) toll plaza to incorporate dual dedicated SunPass Express lanes to increase throughput at the plaza and minimize congestion. The first corridor where these interim modifications did occur was at the S.R. 874 Toll Plaza where the construction of these changes was implemented in record time during the course of one weekend this was completed in April 2005.

All of MDX's projects are implemented through an active public involvement program to ensure that the community impacted is involved and informed. All MDX projects are exclusively funded through the use of toll as user fees which in turn are bonded to finance improvements within its system.



Various projects under construction and the display of the mono tube sign structure on the completed 83612 project.





# Florida's Turnpike Enterprise Improvements



The Turnpike Enterprise is an entity within 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 and bonds to pay for new construction and maintenance of the entire system.

## Miami-Dade County Turnpike Planned Projects-



Homestead Extension HEFT

- Widen from 6 lanes to 8 lanes the Homestead Extension of the Florida’s Turnpike (HEFT) from Kendall Drive to State Road 836/ Dolphin Expressway.
- Widen from 10 lanes to 12 lanes the Homestead Extension of the Florida’s Turnpike (HEFT) from south of SW 117 Avenue to south of Kendall Drive and improvements to adjacent collector street network.
- Widen from 6 lanes to 12 lanes the Homestead Extension of the Florida’s Turnpike (HEFT) from Eureka drive to north of SW 117 Avenue.
- Widen from 4 lanes to 8 lanes the Homestead Extension of the Florida’s Turnpike (HEFT) from SW 216th to US 1
- Widen from 6 lanes to 10 lanes the Homestead Extension of the Florida’s Turnpike (HEFT) from US 1 to Eureka Drive.
- Reconstruct the Golden Glades Toll Plaza including relocating the existing tandem truck staging area.
- Construct a new interchange between Homestead Extension and the planned extension of NW 74<sup>th</sup> Street.
- Resurface the pavement of the Homestead Extension of Milepost 0 to Milepost 12.
- Construct new SunPass Express Lanes as part of the Homestead Toll Plaza.

# Secondary Road Improvements by Public Works

Miami-Dade Public Works Department is in charge of the Secondary Road Program. The Secondary Road Program for FY 2007 totals over \$21 Million and 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.

## MAJOR ROADS CONSTRUCTION PROJECTS

Some of the major projects listed for FY 2007 include:

- West 24 Avenue from West 52 Street to West 72 Street
- NW 62 Street from NW 47 Avenue to NW 37 Avenue
- Grand Avenue from SW 37 Avenue to SW 32 Avenue (Construction Completed)
- SW 24 Street from SW 87 Avenue to SW 77 Avenue (Construction Completed)



## CONTINUING PROGRAM PROJECTS

The Continuing improvement projects listed below have generally the same funding allocations each year for the entire five-year program. They include:



- Bridge Repair and Painting
- Countywide Beautification Improvements
- FEMA Roadway Restoration
- Guardrail Safety Improvement Projects
- Pavement Markings
- Railroad Improvements
- Road and Bridge Maintenance
- Safety Lighting (Countywide)
- Traffic Signals and Signs Supervision
- Street Lighting Maintenance
- Hurricane Cost
- Traffic Materials
- Traffic Control Devices (Equipment and Materials)
- Traffic Signals and Signs (TSS) Loop
- Special Taxing District
- ADA Hotline
- MPO Local Match

# Road Impact Fee Improvements by Public Works

Miami-Dade Public Works Department in charge of the Road Impact Fee Program.



NE 2<sup>nd</sup> Avenue Resurfacing

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 all new building construction in Miami-Dade County, including all municipalities.

The County has been divided into nine road impact fee benefit districts. All fees collected within each district will be expended for roadway capacity improvements within each district. As required by the ordinance, joint County/Municipal Committees were established for each of the nine districts.

Each district program includes four distinct improvement categories, i.e., Road and Bridge projects, Traffic Control Devices, Traffic Operations Projects to Increase Capacity and Safety (TOPICS), and Resurfacing.

## ROAD AND BRIDGE CONSTRUCTION PROJECTS

The Road Impact Fee Program for FY 2007 totals over \$34 Million. Major road and bridge projects listed in FY 2007 include:

- NE 2 Avenue -- NE 91 Street to NE 105 Street
- NE 12 Avenue -- NE 151 Street to NE 167 Street
- NE 15 Avenue -- NE 159 Street to Miami Gardens Drive
- NW 17 Avenue -- NW 119 Street to Opa Locka Boulevard
- SW 26 Street – SW 149 Avenue to SW 147 Avenue
- NW 72 Avenue -- NW 74 Street to Okeechobee Road
- NW 74 Street – NW 87 Avenue to NW 84 Avenue
- NW 87 Avenue -- NW 138 Street to NW 154 Street
- NW 97 Avenue -- Bridge over SR-836
- SW 117 Avenue -- SW 184 Street to SW 152 Street



NW 97<sup>th</sup> Avenue over Dolphin Expressway





# Road Impact Fee Improvements (Continued)

## ROAD AND BRIDGE CONSTRUCTION PROJECTS (Continued)

- W 137 Avenue -- SW 8 Street to NW 12 Street
- SW 137 Avenue -- SW 88 Street to SW 84 Street
- SW 184 Street -- SW 137 Avenue to SW 127 Avenue
- SW 184 Street -- SW 147 Avenue to SW 137 Avenue
- SW 328 Street -- SW 162 Avenue to SW 152 Avenue
- SW 328 Street – US 1 to SW 162 Avenue
- Barbara Goleman High School Access Road
- Card Sound Road – US-1 to Miami-Dade/Monroe County Line road
- Dade Blvd./23 Street Bridge Replacement -- Over Collins Canal
- Miami Gardens Drive Connector



## CONTINUING PROGRAM PROJECTS

The Road Impact Fee Program contains three project categories which are supportive of the transportation system management effort to improve traffic flow countywide. The continuing projects for FY 2007 include:



- TOPICS (Traffic Operations To Increase Capacity and Safety)
  - Intersection Improvements
- RESURFACING
  - Paving, widening, drainage, striping
- TRAFFIC CONTROL DEVICES
  - Signalization

## Local Option Gas Tax Improvements by Public Works

The Capital Improvement Three Cent Local Option Gas Tax, authorized by Section 336.025, Florida Statute (1993) became effective on 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 expenses associated with the requirements of the capital improvement element of the adopted comprehensive plan.

### FY 2004-05 Public Works Department Distribution:

The Municipal distribution schedule is valid unless modified by passage by the voters of the transportation component of a general obligation bond issue. The actual distribution to the municipalities is based on a weighted formula which accounts for percentage of population (from the “Florida Estimates of Population, April 1, 2003” – Bureau of Economic and Business Research-University of Florida) and the center line mileage of municipal roadway for each city (from the “2004 City/County Mileage Report” – Florida Department of Transportation).

In 2004-05, the estimated net revenue for the local option gas tax, was projected at \$25,541 million with \$6,641 million to be distributed to the municipalities and the \$18.9 million to the County (26% to the municipalities and 74% to the County according to the current interlocal agreement). Based on historical data, the County has programmed ninety-five percent (95%) of the anticipated proceeds. The State is allowed to impose a 7.3% administrative fee).

### County Local Option Gas Tax Transportation Projects

The County reviews the Local Option Gas Tax Program (\$ 4.107 million), budgeted at 95% and which includes \$ 3.8162 million in new funding and \$ 2.91 million in carryover, is divided in two categories..

The FY

#### Countywide

Engineering and Construction Supervision = 0.128  
 Traffic Control Crews = 0.600  
 Traffic Control Devices = 1.229

#### Unincorporated Area Services

ADA Hotline = 0.350  
 Road Resurfacing = 1.800  
 UMSA Total = 2.150

**GRAND TOTAL = 4.107**



- Installation of Traffic Control Devices -



- Road Resurfacing – Miller Road -

## People's Transportation Plan Improvements by 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.

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 Plan Work Program for FY 2007 totals over \$74 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

NE 2 Avenue from NE 36 Street to NE 43 Street  
NE 2 Avenue from NE 43 Street to NE 62 Street  
NW 62 Avenue (W 8 Avenue) from NW 138 Street to NW 105 Street  
NW 62 Avenue from SW 24 Street to NW 7 Street  
NW 82 Avenue/NW 8 Street from NW 7 to 10 Street/NW 87 to 79 Avenue  
SW 62 Avenue from SW 70 Street to SW 64 Street  
NW 87 Avenue from NW 186 Street to SW 168 Street  
SW 87 Avenue from SW 216 Street to NW 154 Street  
NW 138 Street Bridge over Miami River Canal at NW 138 Street  
SW 160 Street from SW 147 Avenue to SW 137 Avenue  
SW 264 Street from US-1 to SW 137 Avenue  
SW 312 Street from SW 187 Avenue to SW 177 Avenue  
New Access to Country Walk

### MAJOR COUNTYWIDE HIGHWAY ROAD IMPROVEMENT PROJECTS

ATMS - Advanced Traffic Management System  
SW 1 Avenue from SW 8 Street to SW 1 Street (Tunnel) Feasibility Study  
Grade Separations Study  
Reverse Flow Lanes Study



- Road reconstruction in Hialeah -

## People's Transportation Plan Improvements (Continued)

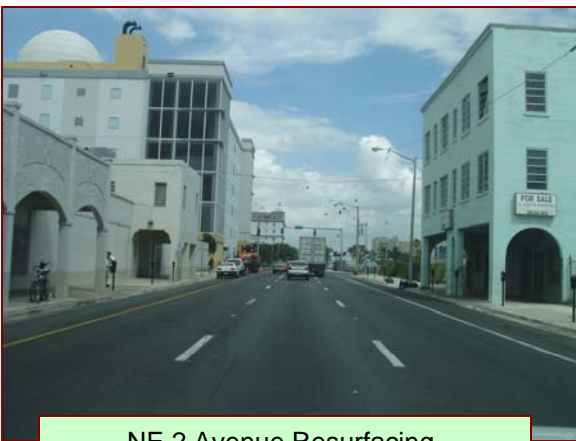
### NEIGHBORHOOD IMPROVEMENT PROJECTS

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 for FY 2007 include:

- Site Specific Neighborhood Improvement Sites
- Non-Site Specific Neighborhood Improvement Sites
- Countywide Neighborhood Improvements



- NE 2 Avenue Resurfacing -



- Road reconstruction work -



# Private Sector Improvements by Public Works

## FINANCED BY CONTRIBUTIONS IN LIEU OF PAYMENTS OF ROAD IMPACT FEES

**Miami-Dade Public Works Department** 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 major zoning requests reviewed by the Miami-Dade County Development Impact Committee (DIC). 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.

These road project listed in FY 2007 under this section include but are not limited to:



- NW 25 Street from NW 117 Ave. to NW 127 Ave.
- NW 127 Ave. from NW 25 St. to SW 8 St.
- NW 17 St. from NW 127 Ave. to NW 137 Ave.
- NW 137 Ave. from NW 12 St. to NW 17 St.
- NW 122 Ave. from NW 25 St. to NW 41 St.
- SW 147 Ave. from SW 10 St. to SW 22 St.
- SW 120 St. from SW 150 Ave. to SW 157 Av
- Kendall Drive from SW 162 Ave. to SW 150 Ave.
- SW 137 Ave. from Sunset Dr. to Kendall Dr.
- SW 162 Ave. from Kendall Dr. to SW 96 St.
- SW 157 Ave. from SW 94 St. to SW 96 St.
- SW 96 Street from SW 162 Ave. to SW 157 Ave.

- Private Sector Road improvements -

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

NW 82 St. between NW 114 Ave. and NW 115Ave. (South Side)  
NW 112 Ave. between NW 84 St. and NW 85 St.  
NW 82 St. between NW 113 Ave. and NW 117 Ave.  
SW 147 Ave. between SW 280 St. and SW 284 St.  
SW 147 Ave. between SW 10 St. and SW 22 St.

# Airport Development Improvements

**Miami-Dade County Aviation Department** is in charge of the airports in Miami-Dade county.

The Miami-Dade County TIP includes capital improvements for the Aviation Department for the continued development of Miami International Airport and the General Aviation Airports. The funding for this program is primarily from revenue generated by the Aviation Department and from Federal and State grants.



- MIA South Terminal Construction -



- Miami International Airport Rendering -

Major projects at Miami-Dade County’s airports include phases of the following:

	<b><u>Grant Eligible Construction Costs (in millions)</u></b>
MIA – Security Operations Center (SOCC)	15.4
MIA – South Terminal Expansion (includes Concourses H, J and Terminal-wide)	260.0
MIA – Northside Runway	50.9
MIA – MIA Mover DBOM	204.0
MIA – Tract One Drainage, Grading & Pavement Improv.	13.7
MIA – GAC Apron and Building	6.0
MIA – Concourses A-J Loading Bridges	2.2
MIA – Land Acquisition	13.8
MIA - Terminal Modifications for EDS Deployment	88.0
MIA – Runway Strengthening – 2nd	19.9
GAA –Airside Improvements/Security	6.5
 TOTAL:	 <b><u>\$ 680.40</u></b>





# 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, the cruise capital of the world and one of the top 5 cargo ports servicing Latin America and the Caribbean, totals \$313 million over the next five years. The Seaport Department’s TIP for Fiscal Years 2007-2011 reflects the Port’s in-progress strategy of optimizing land use and enhancing throughput capability to meet the demands of the cargo and cruise industries. Projects scheduled for completion during Fiscal Year 2006 include the new expanded automated cargo security gateway, final components of the new roadway system which separates cargo and cruise traffic, various container yard improvements, security infrastructure enhancements and completion of two new cruise terminals along with many other significant infrastructure improvements. Projects included in the new 2007-2011 TIP reflect the ongoing long range master implementation program, such as Phase III of the South Channel dredging program, extension of wharf 7, acquisition of additional post-Panamax container gentry cranes and the ongoing Port access improvements.



- Port of Miami: Cruise Capital of the World -

This program exemplifies the Port’s policy of aggressively seeking grant funding from local, state and federal sources. This year’s TIP reflects over \$16 million of grant funds (exclusive of U.S. Army Corps of Engineers dredging grant funds) awarded to the Port, or approximately 5% of the five year program. Grant applications continue as part of the Port’s established goals.

### SPECIFIC ASPECTS OF THE PROGRAM

#### Seaport Security

Seaport security continues to be an item of national significance. Port security enhancement projects nearing completion include the CCTV, access controls, a new automated cargo gateway that interfaces with terminal operator gates and an interim security control facility. Security funding in the new TIP exceeds \$20 million. Ongoing improvements include the construction of a cruise provisioning facility, coordinating with Customs and Border Protection for inbound

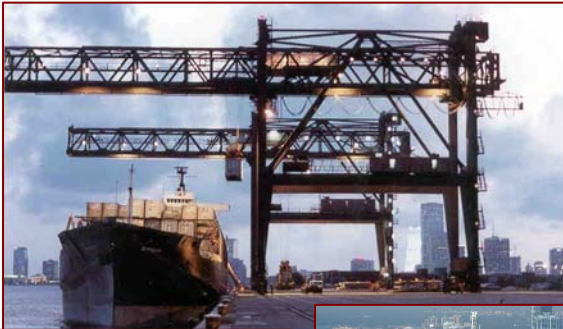
## Multimodal Seaport Development (Continued)

cargo portal monitors and other technological security advances necessary to assist in meeting the new security standards.

This past year the Port was successful in obtaining an additional \$1.7 million in federal security grant funds for selected security projects, bringing to a total of over \$19 million the federal grant funds awarded to the Port for security projects. The Port is looking toward the next round of anticipated federal grants. Furthermore, construction of additional INS and Customs operations space in cruise terminals, a federal requirement, is included in the TIP Security Enhancements project. The Port security program has increased from \$8 million three years ago to over \$60 million in identified needs. During this time, State of Florida security funding, which represents re-allocated commerce project funds, is assisting the Port in meeting its security goals more timely, but does reduce funding for commerce projects, which are the heart of every port. The issue of loss of use of commerce project funding continues to be addressed at all levels of government.

### Harbor Deepening

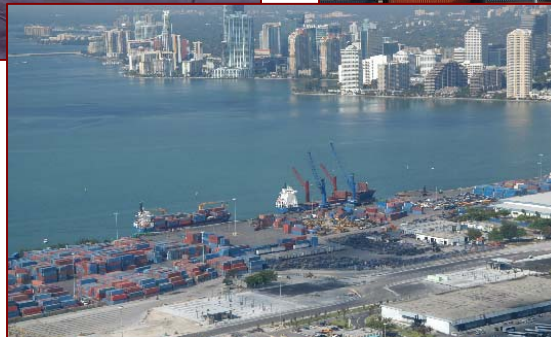
Critical to the Port's ability to provide access to present day large cargo vessels, the Phase II dredging project will deepen the South channel and turning basin to a depth of -42 feet will be completed during fiscal year 2006. This depth will meet the deep draft requirements of the larger cargo ships and allow the Port to remain competitive with the world's leading ports. This project is funded primarily with federal and state grants and is scheduled for completion in fiscal year 2006. At this time the County has entered into an agreement with the USACOE and in turn the USACOE has selected a contractor for this work and issued a notice to proceed. A General Re-evaluation Review, has determined the feasibility of increasing the depth to -50 feet, is underway by the USACOE. Should it be authorized by Congress, Phase III, which would deepen the channel to -50 feet, is expected to take several years to complete. To meet the needs of the larger vessels now on order, Phase III must begin immediately.



- Gantry Cranes at work



- APM Terminals -



- Seaboard marine with Miami skyline -

## Multimodal Seaport Development (Continued)

### Cargo Enhancements

As part of its ongoing renewal and replacement program, this year's TIP includes over \$68.7 million in enhancements to container yards, wharves and rip rap, an extension of Wharf 7 and acquisition and erection of additional super post-Panamax container gantry cranes. These improvements are critical to maintaining the throughput capacity of the Port and its operational efficiency. While these improvements will take several years to complete, the process must begin now to ensure timely completion.

### Cruise Terminal Enhancements

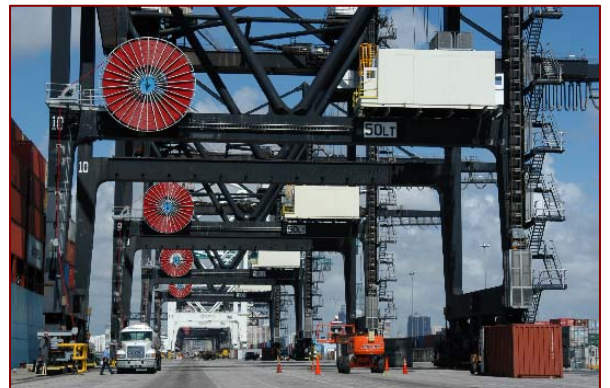
Cruise terminal improvements include upgrading existing terminals and cruise facilities to meet the ever larger vessels calling at the Port along with the necessary parking facilities and related intermodal needs.

### Port Tunnel

While the port tunnel is not listed on the Seaport Department's TIP, this project which is being carried forward by the Florida Department of Transportation is considered critical to the Port's ongoing growth and development. At present the tunnel is proceeding although firm dates and funding are as yet unknown.



- Port of Miami: an aerial overview -



- Port of Miami: gantry cranes -



# Public Transportation Improvements



- New Metrorail prototype artist's rendering-

Miami-Dade Transit (MDT) is one of the 14 largest public transit systems in the country and the largest public transit agency in Florida. MDT is responsible for marketing and providing all public transit services in Miami-Dade County. MDT provides Metrobus service with more than 100 routes, a 22-mile elevated Metrorail system, and a 4.4-mile elevated people mover system, and Medicaid Transportation and Special Transportation Services (STS). During FY 2006 the County will continue to expand park and ride lot facilities, develop several transportation corridors, maintain and

improve public transportation facilities and equipment, and implement service improvements in accordance with the People's Transportation Plan (PTP).

Through the use of Federal, State, and local funding sources, all of Miami-Dade Transit's capital projects to include fixed guideway expansion and operational expenses are funded. On November 5, 2002, the voters of Miami-Dade County approved a one-half percent sales tax increase to be used exclusively for improving transportation in the County and the creation of a Citizen's Independent Transportation Trust (CITT) to provide oversight in the implementation of the PTP.

Miami-Dade County continues to use State Toll Revenue Credits, in addition to Capital Improvement Local Option Gas Tax funds as the required local match for federal formula and discretionary funding. The County also receives State Public Transit Block Grant funds, which are used exclusively for ongoing transit operations.

Miami-Dade County's five-year program of service and capital improvements for the County's public transportation system is described in the pages that follow. This program encompasses the best estimates of local transit capital needs, with the greatest detail focused on the first two years.

## SPECIFIC ASPECTS OF THE PROGRAM

The FY 2006 Transportation Improvement Program includes funding over the next five years for the following projects:

**South Miami-Dade Busway Extension:** The South Miami-Dade Busway extension which adds an additional 11.5 miles of exclusive, bus-only transit corridor lanes to the original 8.2-mile Busway adjacent to U.S.-1 will be completed in FY 2006. The first five-mile segment of the extension was placed into service in April 2005. The construction of this project is enabled using Federal Discretionary and State funds.

## Public Transportation Improvements (Continued)

**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.

### ROUTINE REPLACEMENT AND ENHANCEMENT

**Metrorail Rehabilitation/ Metromover Replacement:** All 136 Metrorail cars will be reconfigured with a new futuristic, aerodynamic sloped front-end design and more modern interior. The original 12 Metromover cars also will be replaced.

**Automated Fare Collection:** MDT is pursuing state-of-the art fare collection equipment that will support a future region-wide Smart Card-based system for seamless fare integration between MDT, Tri-Rail, Broward County Transit and Palm Tran.

**Buses:** MDT continues its bus replacement and expansion program to include new over-the-road coaches for longer, limited stop routes. Funding is provided through the People's Transportation Plan (PTP) and through Congestion Mitigation and Air Quality (CM) Federal funding made available through the State. For 2005, MDT projects delivery of 70 additional 40-foot low-floor buses.

**Safety:** Funding is programmed to purchase security equipment, to continue upgrades and installations of closed circuit camera television systems (CCTV) and to continue the replacement of fire detection and reporting systems.

**Facilities:** Ongoing facility projects are funded, which include replacement of piston lifts at the garages, replacement of bus washers, and improvement of safety conditions.

**Passenger Facilities:** Additional Park and ride facilities, designed to address parking demand on the southern end of the existing Metrorail line and along the Busway continue to be planned and developed. New sites funded with state and local moneys to be developed include sites at the following intersections: Douglas Road / U.S.-1, Dadeland North / U.S.-1, S.W. 200 Street / U.S.-1, Quail Roost Drive / U.S.-1, and S.W. 344 Street / Busway terminus; funding continues for the installation of protective canopies at Metrorail stations, bus stops and over outdoor escalators. In addition, escalators and elevators will be replaced.

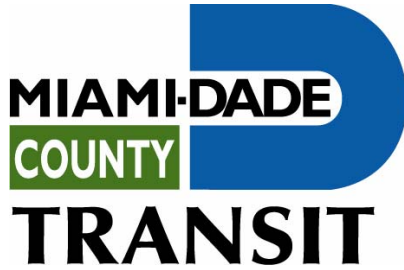


- New Metromover prototype -



- New Bus Prototype -

## Public Transportation Improvements (Continued)



- Bus on South Dade Busway parallel to US-1 -

### RAPID TRANSIT CORRIDOR DEVELOPMENT (ORANGE LINE)

**MIC Extension to Earlington Heights:** The MIC/Earlington Heights extension is a 2.4-mile heavy rail extension that will extend from the Miami Intermodal Center (MIC) to the existing Earlington Heights Metrorail Station. The project includes a station at the MIC. The MIC will serve as a central transfer point for Metrorail, Metrobus, Tri-Rail, Amtrak and charter services; it will also consolidate rental car agencies into one facility. Funding will enable further advancement of this project to coordinate with the completion of the MIC-Miami International Airport (MIA) Connector-People Mover Project. The MIC-MIA Connector-People Mover will allow MIA to link with the MDT's Metrorail system. Estimated project cost is \$340 million, with estimated completion in 2009.

**North Corridor:** The North Corridor is a 9.5-mile, seven (7) station, heavy rail project with its northernmost terminus located at NW 215 Street (County Line Road) and NW 27<sup>th</sup> Avenue. Its southernmost terminus will be located at the current Dr. Martin Luther King, Jr. Metrorail Station. The seven (7) proposed Metrorail stations are expected to be located at the Northside Shopping Center, City of Opa-Locka, Miami-Dade Community College/North Campus, Palmetto Expressway (SR 826), Carol City Shopping Center (N.W. 183 St.), Pro Player Stadium (N.W. 199 St.), and the Homestead Extension of Florida's Turnpike (HEFT). There is provision for a future station at the intersection of NW 103rd Street and NW 27<sup>th</sup> Avenue. Estimated project cost is \$915 million, with estimated completion in 2012.

**East-West Corridor:** This 10.1-mile project starts at the FIU Tamiami Campus at the Florida Turnpike and proceeds eastward along the length of SR 836 to the MIC. The proposed line connects some of the region's most important economic generators, including stops at Blue Lagoon Corporate Park, Palmetto Expressway and the vicinity of FIU/Turnpike. It also provides for direct transfers at the MIC with Tri-Rail, Amtrak, Metrorail, and Metrobus. Estimated project cost is \$1.38 billion, with estimated completion in 2014.

### OTHER CORRIDOR DEVELOPMENT

**Kendall Corridor:** The Kendall Corridor is approximately 15-miles long, with both east-west and north-south segments. The Kendall segment, from SW 157th Avenue to the southern terminus of Phase I Metrorail (Dadeland area) is centered along North Kendall Drive (SW 88 Street). The proposed north-south rail line connects Dadeland to the East-West Corridor. This project needs to complete the federal, state and local funding process.



# South Florida Regional Transportation Authority



On July 1, 2003, the Tri-County Commuter Rail Authority was replaced by the newly formed South Florida Regional Transportation Authority's (SFRTA). SFRTA's mission is to provide greater mobility in South Florida, thus improving the economic viability and the quality of the Community, Region and State.

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 represents projects with identified funding and that are currently underway.



- Opa Locka Tri-Rail Station -



- Miami International Airport Tri-Rail Station -

## **DOUBLE TRACK CORRIDOR IMPROVEMENT PROGRAM SEGMENT 5 PROJECT:**

The Segment 5 Project, which is approximately 43.3-miles long, is the portion of the Double Track Corridor Improvement Program covered by the Full Funding Grant Agreement (FFGA), which is estimated to cost \$333.8 million. The Segment 5 Project includes the installation of 43.3-miles of second mainline track; upgrade of signal systems; construction of 12 new bridges; modification and renovation of 11 stations; acquisition of 5 locomotives and 2 cab cars; provide full closure at 70 grade crossings. Construction of the Segment 5 Project has begun and is scheduled to be completed by 2006.

## **NEW RIVER BRIDGE:**

The design and construction of a new bridge adjacent to the existing New River Bridge. The existing New River Bridge is a mechanically operated, single track "rolling lift bascule bridge", which is located across the south fork on the New River (at waterway milepost 2.8) in Broward County. The new bridge structure will have a 55-foot vertical clearance over the mean high water elevation enabling Tri-Rail to operate 20-minute headways without impeding waterway traffic. The existing low-level bascule bridge will remain in place to handle heavy freight trains.

## South Florida Regional Transportation Authority (Continued)

### CYPRESS CREEK INTERMODAL FACILITY:

The design and construction of an intermodal facility and operations control center adjacent to SFRTA / Tri-Rail's Cypress Creek Station.

### SMART CARD:

Procure and implement Ticket Vending Machines with Smart Card Technology which will provide seamless transportation among the transit agencies.

### JUPITER CORRIDOR:

The project is a rail improvement project located in Palm Beach County, Florida. The Jupiter Corridor extends premium transit service from the City of West Palm Beach, going north along the Florida East Coast (FEC) Railroad Corridor about 16 miles to the Town of Jupiter.

### OPERATIONAL SUPPORT PROJECT:

SFRTA's program of projects includes \$33.84 million for Operational Support Projects. Operational Support Projects consist of on going rolling stock overhaul projects; improvements to the existing maintenance and stations facilities; and SFRTA's short and long- range planning efforts.

### OPERATING ASSISTANCE:

SFRTA's program of projects includes \$176.44 million for Operating Assistance. SFRTA formalized individual Interlocal Agreement with Miami-Dade, Broward and Palm Beach Counties to collectively fund the fifty (50%) percent of the Net Operating Costs, as defined in Florida Statutes Section 341.303(4)(e). The Florida Department of Transportation shall match the Counties contribution up to 50%.



- Tri-Rail Train cars -



- Tri-Rail 79<sup>th</sup> Street Station -

# **Appendix A**

## **Completed Highway Project Listings**

## FY 2006 TIP Completed Projects

### Florida Department of Transportation District 6

	<b>Project Name</b>	<b>Project No.</b>	<b>Limits</b>	<b>Type of Work</b>	<b>Completion</b>
1	Miami Gardens Drive	4165901	at NW 87 Avenue	Widen/Resurface	March 16, 2005
2	Alton Road	4075712	between Michigan Avenue and I-195	Resurfacing	March 18, 2005
3	NW 12 Avenue	4077381	between NW 16 Street and NW 29 Street	Resurfacing	April 1, 2005
4	Rickenbacker Bridge	4086591	Bridge Nos. 870162, 870163	Bridge Rehabilitation	April 11, 2005
5	Alton Road	4075711	between Arthur Godfrey Road and W. 63 Street	Resurfacing	April 23, 2005
6	SW 26 Road	4103511	between SW 1 Avenue and Rickenbacker Causeway	Resurfacing	May 9, 2005
7	S. Dixie Highway/U.S. 1	4103512	between I-95 and 25 Road	Resurfacing	May 9, 2005
8	S. Dixie Highway/U.S. 1	4127601	at SW 14600 Block	Intersection Improvement	May 17, 2005
9	Miami Gardens Drive	2502001	between NW 28 Place and NW 14 Avenue	Reconstruct	June 8, 2005
10	Collins Avenue	4106451	between 44 Street and 63 Street	Resurfacing	June 27, 2005
11	Flagler Street	4117981 4117982	between SW 76 Avenue and SW 73 Court	Safety	July 19, 2005
12	NW/NE 103 Street	4077591 4083031	between I-95 and NE 6 Avenue	Turn Lanes and Pavement Reconstruction	August 11, 2005
13	SW/NW 57 Avenue	4124781	between SW 8 Street and Perimeter Road	Resurfacing	August 18, 2005
14	Flagler Street Bridge	4074612	at Miami River	Rehabilitation	August 29, 2005
15	NW/NE 125 Street	4075911	between NW 7 Avenue and NE 9 Avenue	Resurfacing	September 21, 2005
16	Miami Gardens Drive	2497831	between NW 14 Avenue and NW 2 Avenue	Reconstruct	September 24, 2005



## FY 2006 TIP Completed Projects (Continued)

### Florida Department of Transportation District 6

	Project Name	Project No.	Limits	Type of Work	Completion
17	Florida's Turnpike	2497832	Bridge Nos. 870157, 870378	Replace Bridges	September 24, 2005
18	SW 7 Street	4127591	at SW 4 Avenue	Intersection Improvement	September 29, 2005
19	SR 826	2497192	NW 154 Street/Golden Glades	Intelligent Transportation System	September 30, 2005
20	SR 826	4147601	between US 1 and NW 154 Street	Intelligent Transportation System	October 20, 2005
21	NE 6 Avenue	4146871	between W. Dixie Highway and NE 145 Street	Resurfacing	November 7, 2005
22	Miami Gardens Drive	4124721	between NW 2 Avenue and NE 6 Avenue	Resurfacing	November 23, 2005
23	Verona Avenue Bridge	4059041	at Golden Beach Canal, Bridge No. 875700	Replace Bridge	December 5, 2005
24	SW 1 Street	4127561	between SW 22 Avenue and SW 17 Court	Reconstruct Median	December 5, 2005
25	Hialeah Expressway	2499851	between NW 74 Avenue and NW 57 Avenue	Reconstruct	December 14, 2005
26	SW 107 Avenue	4124791	between SW 8 Street and Flagler Street	Resurfacing	December 23, 2005
27	Harding Avenue	4146371	between 94 Street and 88 Street	Resurfacing	December 25, 2005
28	NW 215 Street	4083011 4083012	between Turnpike and NW 2 Avenue	Resurfacing, Guardrail	January 10, 2006
29	SW 8 Street	2497043	between SW 127 Avenue and SW 152 Street	Landscaping	January 25, 2006
30	I-95	4106797	between NW 65 Street and SR 112/I-195	Landscaping	January 25, 2005
31	US 1/Biscayne Boulevard	4124741	between Broward County Line and NE 207 Avenue	Resurfacing	January 25, 2006

FY 2005 TIP Completed Projects  
 Florida Department of Transportation  
 Turnpike Enterprise

	Project Name	Limits	Phase	Completion
1	Addition of Safety Barriers	Addition of cable safety barriers Homestead Extension and Turnpike Mainline	Construction	2005

## FY 2005 TIP Completed Projects

### Miami-Dade Public Works Department

	<b>Facility</b>	<b>From</b>	<b>To</b>	<b>Description</b>	<b>Status</b>
1	SW 24 <sup>th</sup> Street	SW 87 <sup>th</sup> Avenue	SW 77 <sup>th</sup> Avenue	Widen from 4 to 6 lanes	Construction completed
2	Grand Avenue	SW 37 <sup>th</sup> Avenue	SW 32 <sup>nd</sup> Avenue	4 to 2 lanes, on street parking, signalization, drainage	Construction completed
3	NW 58 <sup>th</sup> Street	NW 107 <sup>th</sup> Avenue	NW 102 <sup>nd</sup> Avenue	Widen from 2 to 4 lanes	Construction completed
4	SW 97 <sup>th</sup> Avenue	SW 40 <sup>th</sup> Street	SW 8 <sup>th</sup> Street	Widen from 2 to 3 lanes	Construction completed
5	NW 42 <sup>nd</sup> Avenue Bridge	@ NW 178 Street		Bridge Enhancements/Renovations and Structural Repairs	Construction completed
6	NW 87 <sup>th</sup> Avenue Bridge over I-75	NW 138 <sup>th</sup> Street	NW 154 <sup>th</sup> Street	Construction of a 4 lane bridge and roadway	Construction completed
7	Barbara Goleman High School Access Road			Construction of new 2 lanes	Construction completed
8	NW 62 <sup>nd</sup> Avenue	NW 105 <sup>th</sup> Street	NW 138 <sup>th</sup> Street	Widen from 2 to 3 lanes	Construction completed
9	NW 22 <sup>nd</sup> Avenue	NW 135 <sup>th</sup> Street	SR 9	Resurfacing and remarking	Construction completed
10	NW 22 <sup>nd</sup> Avenue	NW 62 <sup>nd</sup> Street	NW 135 <sup>th</sup> Street	Resurfacing and remarking	Construction completed

## FY 2005 TIP Completed Projects

### Miami-Dade Expressway Authority (MDX)

	<b>Project Name</b>	<b>Limits</b>	<b>Phase</b>	<b>Completion</b>
1	SR 836 Work Program Project No. 83601.	NW 27th. Ave. to NW 17th Ave.	Installation of fencing and thermoplastic striping at the SR 836 EB Toll Plaza.	September 2005
2	SR 836 Work Program Project No.: 83612	East Of 107th Avenue to the HEFT	Reconstruct existing westbound SR 836 to southbound HEFT connection to provide an additional lane and improved roadway geometry.	November 2005
3	ITS Work Program Project No.: 10002	SR 836 From I-95 to the East to Florida Turnpike Extension (FTE) to the West	Installation of Fiber Back Bone communication system on SR 836 integrating FDOT with MDX system. Provide incident mangement, traffic mangement and highway advisory radio to SR 836.	February 2006



# **Appendix A**

## **Under Construction Highway Project Listings**

## FY 2006 TIP Under Construction Projects

### Florida Department of Transportation District 6

	<b>Project Name</b>	<b>Project No.</b>	<b>Limits</b>	<b>Type of Work</b>	<b>Estimated Completion</b>
1	Harding Avenue	4147251	between 75 Street and 88 Street	Resurfacing	February-06
2	Le Jeune Road	4082231	between SW 8 Street and NW 11 Street	Widening	July-06
3	McArthur Causeway	4106782	Bridge No. 870077	Rehabilitation	March-06
4	NW 27 Avenue	4076501	between NW 39 Street and NW 79 Street	Resurfacing	March-06
5	Galloway Road/SW 87 Avenue	4075871	between SW 40 Street and Grand Canal Drive	Resurfacing	March-06
6	NW 7 Avenue/SR 7	4077391	between NW 159 Street and NW 177 Street	Resurfacing	March-06
7	I-95	2516692	between NW 135 street and NW 151 Street	Add Auxiliary Lane	April-06
8	NE 79 Street	2498692 4150601	Bridge Nos. 870085, 870551, 870083, 870084, 870549, 870550	Rehabilitation	April-06
9	Biscayne Boulevard/US 1	2502221	between NE 87 Street and NE 104 Street	Resurfacing	April-06
10	Kendall Drive	4124681	between Krome Avenue and SW 162 Avenue	Resurfacing	April-06
11	Biscayne Boulevard/US 1	2501331	between NE 105 Street and NE 121 Street	Reconstruct	April-06
12	Palmetto Expressway/SR 826	2496501	at NW 36 Street	Reconstruct	April-06
13	I-195/SR 112	2516831	between NW 11 Avenue and Alton Road	Intelligent Transportation System	May-06
14	I-75	2516851	between SR 826 and Broward County Line	Intelligent Transportation System	May-06
15	Okeechobee Road	4147721	at NW 95 Street	Add Turn Lanes	May-06
16	Coral Way	4164211	between SW 37 Avenue and SW 25 Avenue	Sidewalk/ADA Project	May-06

Note: Includes all projects with let contracts as of February 28, 2006. *Italicized* projects indicate those that have contracts let and, though not yet begun, will be under construction shortly.

**FY 2006 TIP Under Construction Projects (Continued)**  
**Florida Department of Transportation District 6**

	<b>Project Name</b>	<b>Project No.</b>	<b>Limits</b>	<b>Type of Work</b>	<b>Estimated Completion</b>
17	NE 6 Avenue	4146872	between NE 126 Street and NE 145 Street	Landscaping	May-06
18	I-95	4106796	between NW 65 Street and NW 85 Street	Landscaping	June-06
19	Krome Avenue	4163601	at SW 336 Street	Traffic Signals	July-06
20	Palmetto Expressway/SR 826	2496531	between FEC R.R. and NW 103 Street	Reconstruct	July-06
21	Palmetto Expressway/SR 826	2496521	at NW 62 Street	Reconstruct	July-06
22	NE 2 Avenue	2516882	between NE 11 Street and NE 14 Street	I-395 Interim Roadway	July-06
23	NW 57 Avenue	4146171	between NW 186 Street and Broward County Line	Resurfacing	July-06
24	NW 57 Avenue	4146172	at NW 195 Drive	Traffic Signals	July-06
25	NE 125 Street	4075912	between NE 9 Avenue and NE 18 Avenue	Resurfacing	July-06
26	NE 167 Street/SR 826	4126372	between NE 10 Avenue and W. Dixie Highway	Resurfacing	August-06
27	SW 27 Avenue	4146881	between SW 28 Lane and SW 8 Street	Resurfacing	August-06
28	Le Jeune Road	4076332	between SW 16 Street and SW 8 Street	Resurfacing	October-06
29	W. Dixie Highway	4127542	between NE 119 Street and NE 151 Street	Resurfacing	November-06
30	NE 135 Street	4127541	at NE 10 Avenue	Traffic Signals	November-06

Note: Includes all projects with let contracts as of February 28, 2006. *Italicized* projects indicate those that have contracts let and, though not yet begun, will be under construction shortly.

**FY 2006 TIP Under Construction Projects (Continued)**  
**Florida Department of Transportation District 6**

	<b>Project Name</b>	<b>Project No.</b>	<b>Limits</b>	<b>Type of Work</b>	<b>Estimated Completion</b>
31	Brickell Avenue/US 1	2491022	at SE 4 Street	Widen Bridge	November-06
32	NW/NE 167 Street/SR 826	4126371	between NW 1 Avenue and NE 10 Avenue	Resurfacing	December-06
33	Biscayne Boulevard/US 1	2498352	between NE 5 Street and NE 13 Street	Reconstruct	January-07
34	I-95	4106795	between NW 85 Street and NW 110 Street	Landscaping	January-07
35	Le Jeune Road	4076331	between S. Dixie Highway/US 1 and SW 16 Street	Resurfacing	February-07
36	NW/NE 36 Street	2495281	between NW 7 Avenue and NE 7 Avenue	Reconstruct	February-07
38	Hialeah Expressway	2499852	between NW 74 Avenue and NW 57 Avenue	Landscaping	March-07
39	Okeechobee Road	2501051	between W 12 Avenue and W 19 Street	Depressed Section	April-07
40	63 Street Flyover	2499401	63 Street at Abbot Avenue	Remove Flyover	May-07
41	63 Street Bridge	4079351	at Indian Creek, Bridge No. 870613	Bridge Rehabilitation	May-07
42	Biscayne Boulevard/US 1	2502241	between NE 37 Street and NE 67 Street	Reconstruct	May-07
43	NW 27 Avenue	4124711	between NW 203 Street and NW 215 Street	Resurfacing	May-07
44	I-95	4106798	between NW 17 Street and I-195/SR 112	Landscaping	September-07
45	Palmetto Expressway/SR 826	2496481 2496491	between SW 2 Street and SW 32 Street	Reconstruct	January-07

Note: Includes all projects with let contracts as of February 28, 2006. *Italicized* projects indicate those that have contracts let and, though not yet begun, will be under construction shortly.



FY 2006 TIP Under Construction Projects (Continued)  
 Florida Department of Transportation District 6

	Project Name	Project No.	Limits	Type of Work	Estimated Completion
46	MIC/MIA Interchange	4088341	at Le Jeune Road and 21 Street	Miami Intermodal Center/MIA Airport Interchange	February-07
47	MIC/MIA Connector	4083201	between Miami Intermodal Center and MIA Airport	People Mover	February-07
48	MIC/MIA Access	2499372	at MIC Terminal	MIC Terminal Access Roadways	February-07
49	MIC Access	2502342 2502344	at Le Jeune Road	Collector-Distributor Roads	February-07
50	Le Jeune Road	2502345	between NW 11 Street and NW 25 Street	Install Water Main	February-06
51	NW 12 Avenue	2496401	at Miami River Bridge No. 870662	Replace Bridge	February-07

Note: Includes all projects with let contracts as of February 28, 2006. *Italicized* projects indicate those that have contracts let and, though not yet begun, will be under construction shortly.

**Under Construction Highway Projets**  
**Florida Department of Transportation**  
**Turnpike Enterprise**

	<b>Project Name</b>	<b>Limits</b>	<b>Phase</b>	<b>Completion</b>
1	Homestead Extension of Florida's Turnpike new interchange at NW 74 <sup>th</sup> Street	HEFT at NW 74 <sup>th</sup> Street.	Construction	Construction during Fiscal Year 2006
2	Relocation of Truck Staging Area at Golden Glades Toll Plaza	Golden Glades Toll Plaza	Relocation of tandem truck staging area	Construction during Fiscal Year 2006
3	SW 8 <sup>th</sup> Street Interchange Modification	Addition of a ramp from Southbound Homestead Extension to West bound SW 8 <sup>th</sup> Street	Construction	Construction during Fiscal Year 2006

## FY 2006 TIP Under Construction Projects

### Miami-Dade Public Works Department

Facility	From	To	Description	Status
NW 97 <sup>th</sup> Avenue Bridge over SR 836	NW 7 <sup>th</sup> Street (Fontainebleau Boulevard)	NW 14 <sup>th</sup> Street	Construction of a 4 lane bridge and roadway	Ongoing Construction
W 137 <sup>th</sup> Avenue	SW 8 <sup>th</sup> Street	NW 12 <sup>th</sup> Street	Construction of new 6 lane roadway	Ongoing Construction
SW 120 <sup>th</sup> Street Bridge over Black Creek Canal			Construction new 4 lane Bridge	Ongoing Construction
Card Sound Road	US-1	M-D/Monroe County Line	Resurfacing and remarking	Ongoing Construction

## FY 2006 TIP Completed Projects

### Miami-Dade Expressway Authority (MDX)

	<b>Project Name</b>	<b>Limits</b>	<b>Phase</b>	<b>For Information</b>
1	SR 836 Work Program Project No. 83615.	West of 57th Avenue to West of 72nd Avenue	Add Auxiliary lane in Westbound direction. Includes Section 5 (FDOT): West Bound CD Road Bridge with Interim Connections.	Public Information Director @ (305) 637- 3277
2	SR 836 Work Program No.: 83619	East 57th Avenue to West of 57th Avenue	Provide Operational Improvements to interchange and West Bound 57th Avenue Exit Ramp.	Public Information Director @ (305) 637- 3277
3	SR 836 Work Program Project No.: 83605	NW 137th Avenue to NW 107th Avenue	Construction of a new 4 lane expressway extension on SR 836. Construction of portion of W 137th Ave, from SW 8th St. to NW 12th St.	Public Information Director @ (305) 637- 3277
4	SR 836 Work Program Project No.: 83614	87th Ave to 107th Avenue	Providing improvements from NW 107th Avenue to 87th Avenue, including a new bi-directional mainline toll plaza.	Public Information Director @ (305) 637- 3277
5	ITS Work Program Project No.: 10006	MDX Headquarters	Construction of the MDX Traffic Management Center (TMC) at MDX Headquarters. Procure and install hardware equipment and ITS freeway management software for the TMC.	Public Information Director @ (305) 637- 3277