



TRANSPORTATION IMPROVEMENT PROGRAM

TIP

2008

Citizen's Version!



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**TRANSPORTATION IMPROVEMENT PROGRAM
FISCAL YEARS 2007/2008 to 2011/2012**

CITIZEN'S VERSION

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

Approved by MPO Governing Board on May 24th, 2007

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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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"

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.

Photo by Benjamin Thacker



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.



Photo by Ryan Holloway



Photo by Benjamin Thacker

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 1,000 buses travel an average of 115,000 miles daily (weekday) serving the county's population on major roads. Total daily ridership averaged about 266,000 as of February 2007. 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 was 27,100 in Fiscal Year 2005/06. 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 - 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 NEIGHBORGGOOD 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.



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.



TIP consistency

The TIP must be consistent with the Long Range transportation plan and meet clean air standards (1990 Clean Air Act Amendments).



What fiscal years does this TIP include?

This TIP covers fiscal years 2008 to 2012. Fiscal years spanned are 2008, 2009, 2010, 2011 and 2012. Fiscal years, as opposed to calendar years, begin on July 1st and end on June 30th.

- Fiscal Year 2008 ----- begins July 1, 2007 and ends June 30, 2008
- Fiscal Year 2009 ----- begins July 1, 2008 and ends June 30, 2009
- Fiscal Year 2010 ----- begins July 1, 2009 and ends June 30, 2010
- Fiscal Year 2011 ----- begins July 1, 2010 and ends June 30, 2011
- Fiscal Year 2012 ----- begins July 1, 2011 and ends June 30, 2012



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 Department (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).



FY 2008-2012
TRANSPORTATION
IMPROVEMENT PROGRAM



Primary State Highways and
Intermodal Projects

**Florida Department of
Transportation District VI**

The Florida Department of Transportation's Five Work Program

The Florida Department of Transportation's (FDOT) District VI¹ 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 2006 FDOT began the new cycle to develop the "Tentative" Work Program for Fiscal Years 2008 through 2012. The final program was sent to the Governor and the State Legislature for review in February of 2007, and it will become effective on July 1, 2007.

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 staffs that 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 staffs, 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 work program development, fiscal, information systems, legal, budget, personnel, 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.

¹ District VI is comprised of Miami-Dade and Monroe Counties

Tentative Five Year Work Program FY 07/08 - 11/12

Total Program \$3,260.5M¹

Product:

Land, roads and bridges, aviation, transit, rail, intermodal access, and seaport grants.

Product Support:

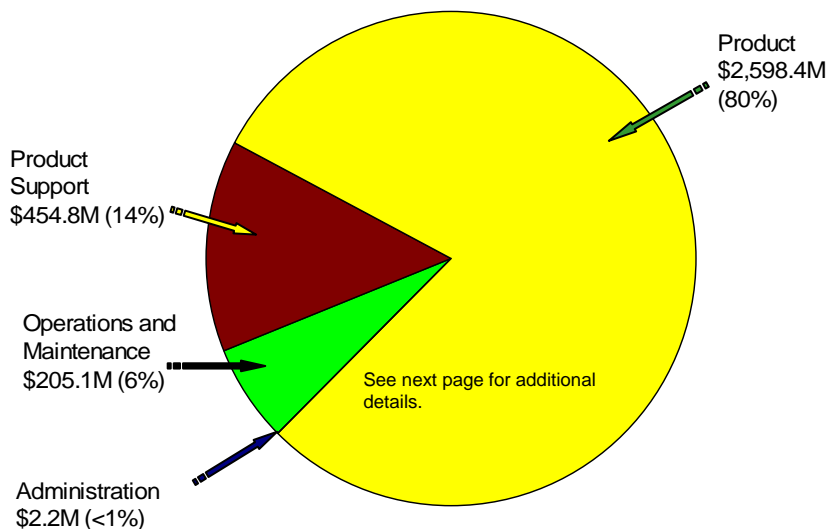
In-house and contract staff who perform studies, produce design plans, acquire right of way, inspect and manage construction work and administer public transportation grants.

Operations and Maintenance:

In-house and contracted staff, equipment and materials needed to maintain and operate the State Highway System and to collect tolls and enforce motor carrier compliance laws.

Administration:

FDOT staff and consultants who perform fiscal, information systems, legal, budget, personnel, reprographics, and contract administration functions. Includes construction and rehabilitation of department buildings and support

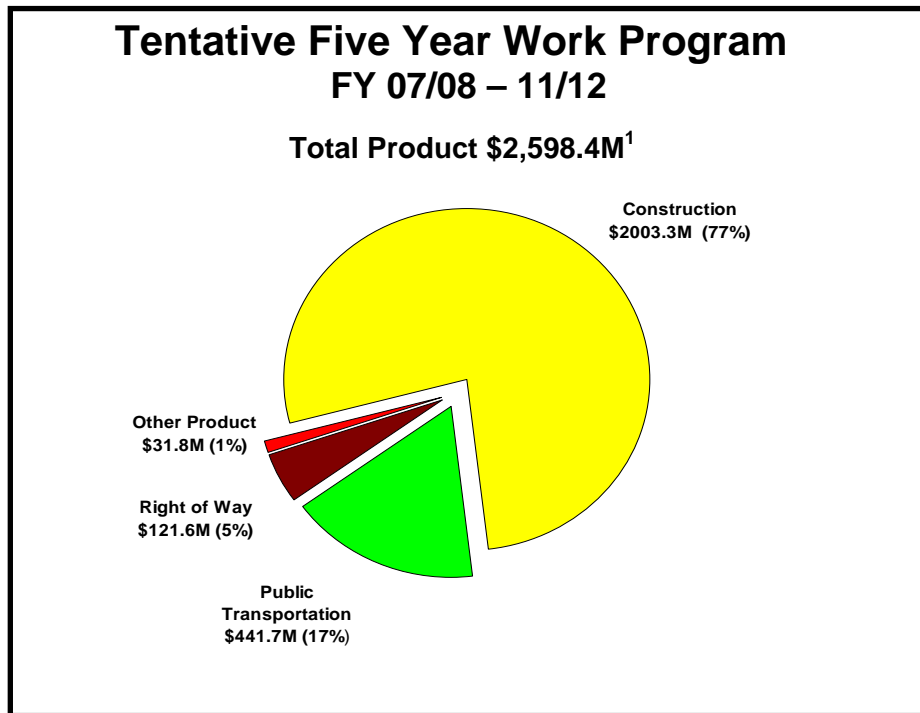


¹ Does not include \$124 million for Miami-Dade Transit's North Corridor Project.

Funding

The Department's funds are allocated among seven 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 over \$3.2 billion on transportation, in District VI, over the next five years. The Department's total product budget is \$2.6 billion. A total of 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 17% 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.



¹ Does not include \$124 million for Miami-Dade Transit's North Corridor Project.

Major Intermodal Projects

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.



Miami Intermodal Center's Miami Central Station rendering.

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 County Transit, Broward County Transit and the MPO's Regional Van Pool Program. A sum of \$6.3 million in State funds is programmed as part of an anticipated \$48.6 million of State, Federal, and private funds.



golden glades
multimodal center

Home About the Project Strategic Location Procurement **Plans and Studies** News Room Calendar Additional Information Contacts

Plans and Studies

[Example Development Programs](#) by Renaissance Planning Group
-The example Golden Glades Multimodal Center development programs are based on the current CUC land use designation

[Golden Glades Tandem Truck Staging Relocation Contract Plans](#) by Wantman Group, Inc.

[Golden Glades Function Analysis Siting](#) by PMA Consulting, LLC

[Golden Glades Multimodal Center Market Analysis](#) by WEG

[Golden Glades TOD Case Study Information](#) by WEG

[Golden Glades Multimodal Transportation Facility PD&E Study](#) by FDOT

[Golden Glades Multimodal Transportation Facility Feasibility Study](#) by ICF Kaiser

[SR 7 Corridor Study Panel Report](#) by the Urban Land Institute

[Transit Center Connections](#) by Miami-Dade MPO

RFQ now Available -- [Click Here to Obtain](#)

Golden Glades Redevelopment – A Unique South Florida Investment Opportunity



Plans and Studies page from the Golden Glades Multimodal Center website.

Strategic Intermodal System (SIS) Projects

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

N.W. 25th Street Viaduct and Roadway Projects

These improvements have been split into 2 projects; **Eastside Project: Roadway & Viaduct** from SR 826 to NW 67th Avenue connecting to MIA's Westside Cargo Area. This was let for construction in October 2006. The **Westside Project: Roadway & Viaduct** from NW 89th Court to SR 826 will be implemented later, as construction remains unfunded.



NW 25th Street Viaduct renderings.

SR 997/Krome Avenue Corridor

The Environmental process has been completed with an issuance of a Location Design Acceptance (LDA) for the segment from SW 136th Street to US 27. Construction of the 4-lane typical section has been funded for a portion of Krome Avenue from SW 8th Street to US 27. The environmental study for the segment from SW 288th Street to SW 132nd Street is on-going. Design and R/W funds are programmed for the segment from SW 88th Street to SW 8th Street. Projects identified in the Work Program continue the implementation of the Krome Avenue Action Plan.

Palmetto Expressway/S.R. 826

\$430 million is programmed for construction of interchange improvements at S.R. 836 (in partnership with MDX) and \$125 million for interchange improvements at Bird Road.



State Roads 826/836 Interchange rendering.

Port of Miami Tunnel

The Port of Miami Tunnel (POMT) will link the port directly to I-395/SR 836 and is being procured as a Public Private Partnership (PPP). The Environmental process is complete and the general project location and alignment has been identified. The procurement process is under way with three teams short-listed, and a request for proposal was issued to the teams in November 2006. The teams are required to perform all aspects of the project, including design, build, finance, operate, maintenance and concessionaire functions. The teams are currently preparing detailed proposals which are due March 2007, and it is anticipated that the project could be operational by 2012.

SR 9A/I-95 Corridor

The District has programmed a number of landscaping, operational improvements and pavement rehabilitation projects for the I-95 Corridor. Additionally, the District is currently studying a “Managed Lane Concept” to address the future traffic volumes for the corridor and will begin the Project Development and Environmental (PD&E) study in fiscal year 2007/08.



I-95 Managed Lanes rendering.

Miami International Airport Central Boulevard

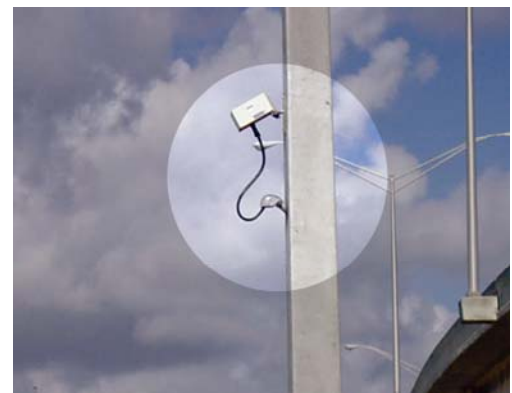
A total of \$48.5 million in state matching funds has been allocated for improvements to the primary entrance road to the airport.

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 dynamic 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.



Intelligent Transportation System dynamic message sign.



Close-up of overhead camera.

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

Other Major Corridor Improvements

SR 5/Biscayne Boulevard
SR 5/South Dixie Highway
SR 973/NW 87th Avenue
SR 823/NW 57th Avenue
SR 959/SW 57th Avenue
SR 934/NW 74th Street.
North Beach Recreational Corridor
South Dade Greenways

Major Bridge Replacement Program

NW 5th Street Bridge



NW 5th Street Bridge rendering.

Public Transportation Projects

Transit

\$86 million State Transit Block Grant
\$50 million for the MIC-Earlington Heights Metrorail Connector
\$124 million for the North Corridor Metrorail Extension

Aviation

\$74 million MIA expansion support

\$48 million Expansion Support for MIA’s Central Boulevard improvements



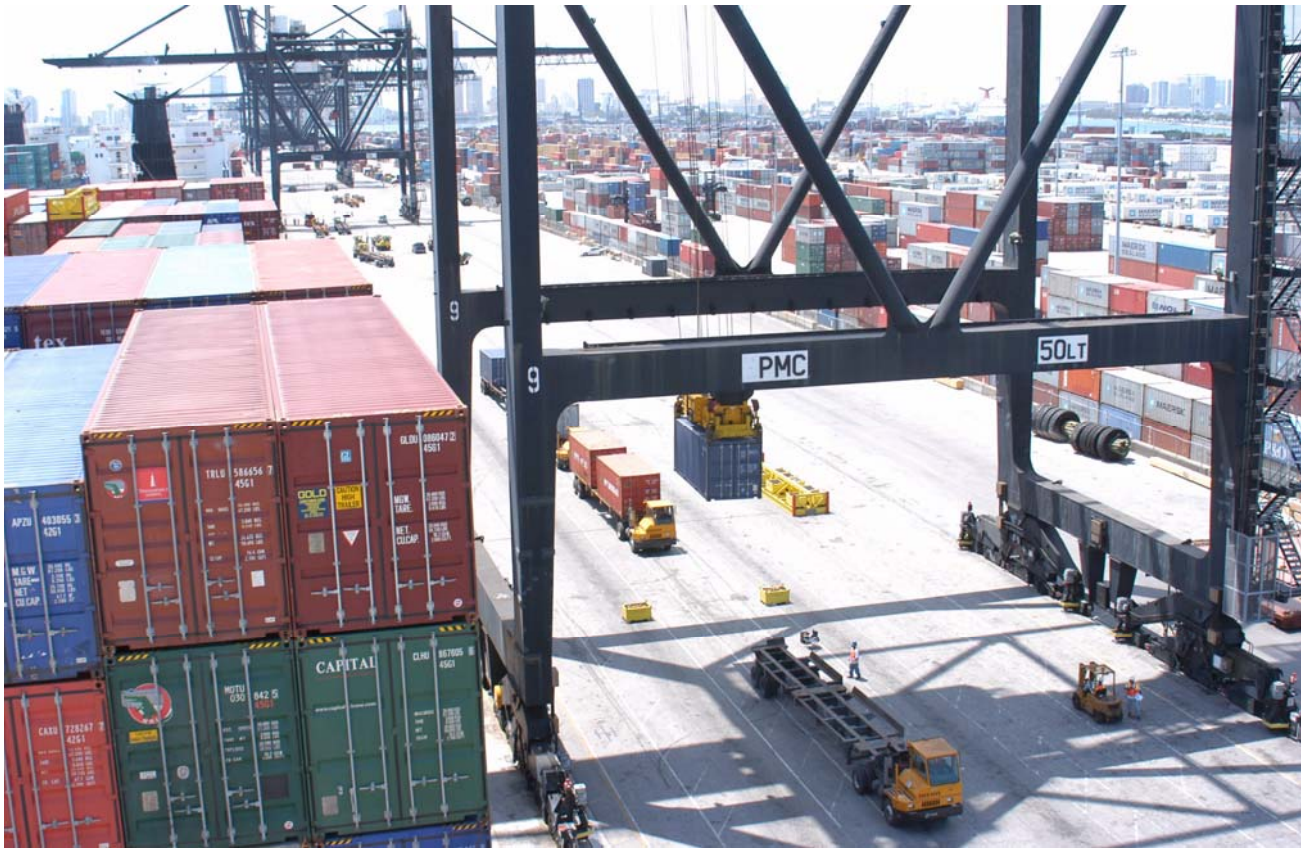
Miami International Airport’s new South Terminal under construction.

Rail

\$4.4 million for freight and passenger capacity projects

Seaport

\$7.2 million for cargo capacity projects



Port of Miami.

Miami-Dade Expressway Authority (MDX) Improvements

INTRODUCTION

During Fiscal Year 2007 MDX has primarily focused on the design and construction of the S.R. 836 Extension to NW 137th Avenue and Toll Plaza projects 83605 and 83614 both currently scheduled to open to traffic by June 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 107th Avenue to 87th Avenue and a new toll plaza incorporating high-speed 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 has been improved and the project has been designed to tie into the proposed improvements to the S.R. 826 / S.R. 836 Interchange under design by FDOT and to be constructed in joint participation between FDOT and MDX.



Projects 83615 and 83619 completed during Fiscal Year 2007 added auxiliary lanes to the SR 836 corridor from NW 57th Avenue to SR 826 and provided enhancements to the SR 836 / NW 57th Avenue interchange that significantly improved operations in the area.

Major strides were achieved in the design of the S.R. 874 Mainline Reconstruction project 87404 and the design of the S.R. 874 northbound on-ramp from Kendall Drive project 87407 was completed and construction services procured.

Some of the planning efforts started during Fiscal Year 2007 include the preparation of a concept report for the future S.R. 836 Extension from SW 136 Street to NW 137th Avenue as well as the implementation of the community outreach program to educate the general public and elected officials on the benefits of Open Road Tolling (ORT).

MDX Improvements (Continued)

During Fiscal Years 2008-2012 MDX will primarily focus on the implementation of Open Road Tolling on most of the MDX corridors. This transition involves toll plaza demolition, roadway modifications and installation of gantries at specified toll collection points.

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.



Florida's Turnpike Enterprise Improvements



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.



Homestead Extension HEFT

Miami-Dade County Turnpike Planned Projects

- Widen from 6 lanes to 10 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 north of Eureka Drive.
- Relocate the Golden Glades Toll Plaza
- Construct a new interchange between the Homestead Extension and the planned extension of NW 74th Street.
- Resurface the pavement of the Homestead Extension from Milepost 0 to Milepost 12 and construct guardrail both northbound and southbound.
- Construct new SunPass Express Lanes as part of the Homestead Toll Plaza.
- Reconstruct the Homestead Extension / I-75 interchange.

Secondary Roads Improvements by Public Works Department

Miami-Dade Public Works Department is in charge of the Secondary Road Program. The Secondary Road Program for FY 2008 totals over \$18 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 2006 include:

West 24 Avenue from West 52 Street to West 72 Street

NW 62 Street from NW 47 Avenue to NW 37 Avenue

NW 72 Avenue from NW 74 Street to Okeechobee Road



- NW 62 Street reconstruction -

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
- Guardrail Safety Improvement Projects
- Pavement Markings
- Railroad Improvements
- Road and Bridge Maintenance
- Safety Lighting Maintenance
- Traffic Control Devices (Equipment/Materials)
- Traffic Signals and Signs Supervision
- Special Taxing District
- ADA Hotline
- Mast Arm Upgrades
- Illuminated Street Signs

Road Impact Fee Improvements by Public Works



Ponce de Leon Turn Bay Improvements

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

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 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.

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 2008 totals over \$40 Million. Major road and bridge projects listed in FY 2008 include:



SW 104 Street Improvements

- NE 2 Avenue -- NE 91 Street to NE 115 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 97 Avenue -- Bridge over SR-836
- SW 117 Avenue -- SW 184 Street to SW 152 Street
- 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 120 St Bridge over Black Creek Canal

Road Impact Fee Improvements (Continued)

ROAD AND BRIDGE CONSTRUCTION PROJECTS (Continued)

SW 328 Street -- SW 162 Avenue to SW 152 Avenue

SW 328 Street – US 1 to SW 162 Avenue

Dade Blvd./23 Street Bridge Replacement -- Over Collins Canal

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 2008 include:

TOPICS (Traffic Operations To Increase Capacity and Safety) :



Intersection Improvements

RESURFACING:

Paving, widening, drainage, striping



TRAFFIC CONTROL DEVICES



Signalization

Capital Improvement Local Option Gas Tax by Public Works

The Capital Improvement 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 2006-07 Projected Municipal Distribution:

The Miami-Dade County FY 2005-2006 Capital Improvement Local Option Gas Tax Program, is budgeted to provide over \$19 Million in new funding for Public Works related projects to address traffic safety and roadway improvements related needs.

Countywide Service

Transit Projects

Unincorporated Area Services

ADA Hotline Projects

Local Road Resurfacing

Sidewalks / Pedestrian

Debt service on Public Works Projects



Roadway resurfacing work



- Local Road Resurfacing -



Roadway Curb work

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 2008 totals over \$160 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 154 Street to SW 186 Street
SW 87 Avenue from SW 216 Street to NW 168 Street
NW 138 Street Bridge over Miami River Canal
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
SW 143 Terrace from SW 145 Place to SW 144 Avenue (New Access to Country Walk)

MAJOR COUNTYWIDE HIGHWAY ROAD IMPROVEMENT PROJECTS

ATMS - Advanced Traffic Management System
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 2008 include:

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



- Road reconstruction work -



- Road reconstruction work -

PRIVATE SECTOR IMPROVEMENTS

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.



- Private Sector Road improvements -

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.
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.

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 operates a system of Airports through the Miami-Dade Aviation Department (MDAD) which consist of Miami International Airport (MIA), three General Aviation Airports; Opa-locka Executive Airport (OPF), Kendall Tamiami Executive Airport (TMB), Homestead General Aviation Airport (X-51), and one training airport, the Dade-Collier Training and Transition Airport (TNT).

The Miami-Dade County Transportation Improvement Program includes capital improvements projects for the continued development and enhancement of Miami International Airport and the General Aviation Airports. All of MDAD projects are funded primarily from revenue generated by the Aviation Department and from Federal and State grants.



- MIA South Terminal Construction -



- Miami International Airport Rendering -

The proposed MDA Five-Year Transportation Improvement Program consists of the following projects:

	<u>Dollars in Millions</u> <u>(Funded)</u>
MIA – Front Terminal “D” through “H” Life Safety Master Plan and baggage improvements	\$ 30.4
MIA – South Terminal/Terminal Multi-Trade Improvements And Expansion Program	\$370.7
MIA – New Northside Runway	\$ 22.6
MIA – Central Boulevard	\$ 97.0
MIA – “Tract One Drainage”, Grading & Pavement Improv.	\$ 5.7
MIA – Mover – Design Build Operate and Manage (DBOM)	\$122.2
MIA – Way Finding Signage Program	\$ 21.4
MIA – Concourse “H” Airbus A380 Gate Modifications	\$ 10.6
OPF - Air Traffic Control Tower Replacement	\$ 10.2
TOTAL:	<u>\$ 711.30</u>



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 \$231 million over the next five years. The Seaport Department’s TIP for Fiscal Years 2008-2012 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 2007 include a new expanded automated cargo security gateway, various container yard improvements, security enhancements and completion of two new cruise terminals along with many other significant infrastructure improvements. Projects included in the new 2008-2012 TIP reflect the ongoing long range master implementation program, such as Phase III of the south channel dredging program, upgrades to Terminals B and C, a new Terminal A, acquisition of additional super port-Panamax container gantry cranes, and ongoing Port access improvements.



- Port's Access Bridge at night -

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 7 % 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. During this past year Port of Miami received notice of compliance of our security plan to the U. S. Coast Guard. This significant accomplishment addresses the most recently issued new security standards for seaports. 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. Ongoing Improvements include construction of a cruise provisioning inspection facility, coordinating with Customs and Border Protection for inbound 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 \$2.0 million in federal security grant funds for selected security projects, bringing to a total of over \$20 million the federal grant funds awarded to the Port for security projects. The Port is looking toward the next round of anticipated federal grant funds. Over the past four years, the Port’s security infrastructure program has increased from \$8 million to over \$60 million in identified

MULTIMODAL SEAPORT DEVELOPMENT (Continued)

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, deepening the South channel and turning basin to a depth of -42 feet was completed in 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 was funded primarily with federal and state grants. A General Re-evaluation Review, has determined the feasibility of increasing the depth to -50 feet. 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, the Seaport is urging that Phase III be approved.

Cargo Enhancements

As part of its ongoing renewal and replacement program, this year's TIP includes over \$77.7 million in enhancements to container yards, wharves, 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

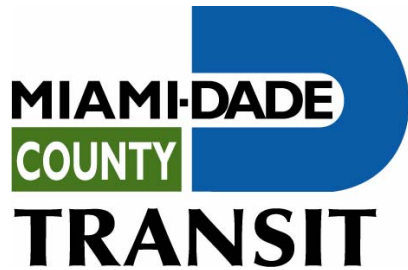
Cruise terminal improvements include upgrading existing terminals B and C and cruise facilities to meet the ever larger vessels calling at the Port along with the necessary parking facilities and related intermodal needs.



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.

PUBLIC TRANSPORTATION IMPROVEMENTS



Miami-Dade Transit (MDT) is one of the 12 largest public transit systems in the country and the largest public transit agency in Florida.

SPECIFIC ASPECTS OF THE PROGRAM

The FY 2008 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 8.5 - mile Busway adjacent to U.S.-1 will be completed in FY 2007. 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.

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. Remaining 17 mover cars receiving “face lifts”.

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. The Request for Proposal was issued in 2006. Evaluation is in progress. Installation of the MDT equipment is expected to be completed by 4th Quarter 2008.

Buses: MDT continues its bus replacement and expansion program. 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 2007, MDT will receive 75 Optima Opus 30-foot buses. Thirty nine articulated hybrid Bus Rapid Transit (BRT) buses are expected by 2009. Between 2009 and 2010, 260 replacement 42-foot hybrid buses will be delivered.

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. The fire panels at Metrorail stations will be replaced during 2007-2008.

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

PUBLIC TRANSPORTATION IMPROVEMENTS (Continued)

- The first eight sets of mobile column bus lifts are expected to arrive near April 2007, with another eight set delivered each week thereafter, for a total of thirty sets of four.
- Parallelogram lifts are scheduled for a pre-bid meeting near the end of March 2007.
- Vehicle washers are being installed at Central, Metromover, and Northeast facilities. A majority of the equipment has been installed at Central and Northeast and is expected to be completed by June 2007.
- Replacements of bus vacuum systems at Central, Northeast and Coral Way are being designed and specifications written to advertise.



Metrorail and Metromover



Metromover train with Miami's downtown backdrop -

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 serving the South Miami-Dade Busway:

SW 152nd Street

126-space parking lot adjoining Palmetto Golf Course. In November 1999, MDT and the Miami-Dade Parks and Recreation Department entered into a 30-year Memorandum of Understanding for the joint use of the parking lot. MDT prepaid rent for the first 10 years in order that Parks make necessary modifications, re-design and lighting improvements to the lot wherein MDT gained 50 additional transit parking spaces, from 76 to 126, and Parks had priority over remaining 264 spaces. Construction began June 2002, completed February 2003.

SW 168th Street

149-space park and ride lot opened December 2002. Site is leased to MDT from private landowner.

PUBLIC TRANSPORTATION IMPROVEMENTS (Continued)

SW 200th Street Temporary 362-space park and ride lot. MDT acquired 3.4 acre site at N.W. corner of SW 200th Street (Caribbean Boulevard) and the Busway to be used as a park and ride lot. Necessary public hearings were held and zoning issues resolved. Design and construction plans for a permanent facility are underway.

SW 244th Street 92-space park and ride lot on 0.96 acre site, leased to MDT.

SW 296th Street Temporary 2.2 acre site at N.E. corner at N.E. corner of S.W. 296th Street and US 1 adjacent to the Busway. Design and construction plans for a permanent park and ride lot underway.

Serving other bus routes:

SW 152nd St at SW 117th Av. 125-space 2.5 acre parking lot leased from FDOT

Kendall Hammocks 50-space park and ride lot located at SW 104th Street and Town Centre S.W. 142nd Avenue. Privately owned, the site is leased to MDT for a nominal fee.

Golden Glades 1,400-space park and ride lot, owned by FDOT and leased to MDT. Golden Glades Park and Ride is the oldest and most heavily used park and ride facility in Miami-Dade County.

Miami-Dade 50-space park and ride lot located at approximately S.W. College 104th Street and S.W. 113th Avenue on the Miami-Dade College campus and leased to the County.



FUTURE PARK & RIDE SITES

Dadeland North Metrorail Parking Garage:

MDT has contacted Florida East Coast Railway, LLC regarding the acquisition of property located between the Metrorail right-of-way located South of S.W. 85th Street and west of S.W. 70th Avenue. This property would be acquired in order to develop

PUBLIC TRANSPORTATION IMPROVEMENTS (Continued)

additional parking for the Dadeland North Metrorail Station. Florida East Coast Railway, LLC is currently reviewing our request.

The Dadeland North Metrorail Garage, in its original configuration contained approximately 1,970 parking spaces. The garage reached 100 % occupancy prior to the Fall of 2000. During this time, MDT received many complaints from riders who were unable to find parking at this station. In October 2000, the garage was reconfigured to provide an additional 89 spaces to 2,059. These additional spaces were immediately absorbed by the demand for parking at this station. On workdays, the garage fills up to capacity by approximately 9:00 am. Since parking at the Dadeland South Station is also 100% full by this time, Metrorail riders arriving after 9:00 am are forced to either drive to the South Miami Garage or to their destination.

Dadeland South:

Additional surface parking is being added to the existing surface parking lot located between Dadeland Boulevard and Kendall Drive facing US; currently under design.
SW 186 St./Busway - Quail Roost Transit Village Project

MDT is negotiating to lease 500 parking spaces at a transit oriented development adjacent to the Busway between SW 184 St and SW 186 St.

SW Bird Road/89th Court

Future Park and Ride on a 29,000 sq. ft. on the north side of Bird Road between SW 89th Ct. and 89th Court.

SW 8th St. and 127th Ave.

Future Park and Ride on a 2.23 acres on the southwest corner of SW 8th St. and 127th Ave.

SW 127 Ave./ Kendall Dr.

Future Park and Ride on a 2.5 acres on the southwest corner of Kendall Dr. and 127th Ave.

SW 97 Ave./ Kendall Dr.

Future Park and Ride on a 2.5 acres on the northwest corner of Kendall Dr. and 127th Ave

NW 186 St./73 Ave.

Future Park and Ride on a 2 acre site under design at .NW 186 St./73 Ave

PUBLIC TRANSPORTATION IMPROVEMENTS (Continued)

Additional sites have been identified and will be implemented subject to availability of funding a 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.

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 \$528 million, with estimated completion in 2010.

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 27th 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 27th Avenue. Estimated project cost is \$1.372 billion, with estimated completion in 2014.

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 \$2.28 billion, with estimated completion in 2016.

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 form 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.



- Tri-Rail Train arriving at a station -



- Tri-Rail riders boarding -

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.

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.

SOUTH FLORIDA REGIONAL TRANSPORTATION AUTHORITY (Continued)

OPERATIONAL SUPPORT PROJECT

SFRTA's program of projects includes \$62,965 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 \$179.181 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 ticket vending machines -



- Tri-Rail 79th Street Station -



APPENDIX A

Completed Highway Project Listings

FY 2007 TIP Completed Projects

Florida Department of Transportation District 6

	Project Name	Project No.	Limits	Type of Work	Completion
1	SW 8 Street	2497043	between SW 127 Avenue and SW 152 Street	Landscaping	January-06
2	I-95	4106797	between NW 65 Street and SR 112/I-195	Landscaping	January-06
3	US 1/Biscayne Boulevard	4124741	between Broward County Line and NE 207 Avenue	Resurfacing	January-06
4	Le Jeune Road	4082231	between SW 8 Street and NW 11 Street	Widening	January-06
5	Harding Avenue	4147251	between 75 Street and 88 Street	Resurfacing	February-06
6	McArthur Causeway	4106782	Bridge No. 870077	Rehabilitation	March-06
7	NW 27 Avenue	4076501	between NW 39 Street and NW 79 Street	Resurfacing	March-06
8	Kendall Drive	4124681	between Krome Avenue and SW 162 Avenue	Resurfacing	March-06
9	I-95	2516692	between NW 135 Street and NW 151 Street	Add Auxiliary Lane	April-06
10	Palmetto Expressway/SR 826	2496501	at NW 36 Street	Reconstruction	April-06
11	Okeechobee Road	4147721	at NW 95 Street	Add Turn Lanes	May-06
12	I-95	4106796	between NW 65 Street and NW 85 Street	Landscaping	May-06
13	NW 57 Avenue	4146171	between NW 186 Street and Broward County Line	Resurfacing	June-06
14	NW 57 Avenue	4146172	at NW 195 Drive	Traffic Signals	June-06
15	NE 125 Street	4075912	between NE 9 Avenue and NE 18 Avenue	Resurfacing	June-06

FY 2007 TIP Completed Projects (Continued)
Florida Department of Transportation District 6

	Project Name	Project No.	Limits	Type of Work	Completion
16	Galloway Road/SW 87 Avenue	4075871	between SW 40 Street and Grand Canal Drive	Resurfacing	July-06
17	NW 7 Avenue/SR 7	4077391	between NW 159 Street and NW 177 Street	Resurfacing	July-06
18	Biscayne Boulevard/US 1	2501331	between NE 105 Street and NE 121 Street	Reconstruction	July-06
19	NE 167 Street/SR 826	4126372	between NE 10 Avenue and W. Dixie Highway	Resurfacing	July-06
20	NW 57 Avenue	4146171	between NW 186 Street and Broward County Line	Resurfacing	July-06
21	Biscayne Boulevard/US 1	2502221	between NE 87 street and NE 104 Street	Resurfacing	July-06
22	NE 6 Avenue	4146872	between NE 126 Street and NE 145 Street	Landscaping	August-06
23	Krome Avenue	4163601	at SW 336 Street	Traffic Signals	August-06
24	Okeechobee Rd/SR-25/US-27	4164231	at NW 116 Way	Reconstruction	September-06
25	Coral Way	4164211	between SW 37 Avenue and SW 25 Avenue	Sidewalk/ADA Project	October-06
26	NE 2 Avenue	2516882	between NE 11 Street and NE 14 Street	I-395 Interim Roadway	October-06
27	SW 27 Avenue	4146881	between SW 28 Lane and SW 8 Street	Resurfacing	October-06
28	I-95	2516821	between US-1 to County Line	Intelligent Transportation System	October-06
29	W. Dixie Highway	4127542	between NE 119 Street and NE 151 Street	Resurfacing	November-06
30	I-195/SR 112	2516831	between NW 11 Avenue and Alton Road	Intelligent Transportation System	November-06

FY 2007 TIP Completed Projects (Continued)
Florida Department of Transportation District 6

	Project Name	Project No.	Limits	Type of Work	Completion
31	I-75	2516851	between SR 826 and Broward County Line	Intelligent Transportation System	November-06
32	NE 135 Street	4127541	at NE 10 Avenue	Traffic Signals	November-06
33	Brickell Avenue/US 1	2491022	at SE 4 Street	Widen Bridge	November-06
34	Kendall Dr / SR-94	4147611	between Mills Dr. and SW 102 Ave	Add Turn Lanes	December-06
35	Le Jeune Road	4076332	between SW 16 Street and SW 8 Street	Resurfacing	December-06
36	NW/NE 167 Street/SR 826	4126371	between NW 1 Avenue and NE 10 Avenue	Resurfacing	December-06
37	I-75	4164001	at Palmetto Expy/SR-826	Safety (Guardrail)	December-06
38	I-75	4164002	at Miami Gardens Dr./SR 860	Safety (Guardrail)	December-06
39	I-75	4164003	Florida TPK So./SR 821	Safety (Guardrail)	December-06
40	Biscayne Boulevard/US 1	2498352	between NE 5 Street and NE 13 Street	Reconstruction	January-07
41	NE 79 Street	2498692 4150601	Bridge Nos. 870085, 870551, 870083, 870084, 870549, 870550	Rehabilitation	January-07
42	I-95	4106795	between NW 85 Street and NW 110 Street	Landscaping	January-07
43	I-95	4106798	between SR-112 - NW 17 ST	Landscaping	January-07
44	Hialeah Expressway / SR-934	2499852	between NW 74 Ave and NW 57 Ave	Landscaping	January-07

FY 2007 TIP Completed Projects
Florida Department of Transportation
Turnpike Enterprise

	Project Name	Limits	Phase	Completion
1	Additional ramp from southbound HEFT to westbound SW 8 th St.	HEFT/SW 8 th Street Interchange	Construction	2006

FY 2007 TIP Completed Projects
Miami-Dade Public Works Department

	Project Name	Limits	Type of Work	Status
1	SW 26 Street	From SW 149 Ave to SW 147 th Avenue	Widen road from 2 to 4 lanes	Construction completed
2	SW 120 th Street bridge over Black Creek Canal		New 4-lane bridge	Construction completed
3	Card Sound Road	From US-1 to Miami-Dade / Monroe County line	Resurfacing and remarking	Construction completed

FY 2007 TIP Completed Projects

Miami-Dade Expressway Authority (MDX)

	Project Name	Limits	Type of Work	Status
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.: 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

APPENDIX B

Under Construction Highway Project Listings

FY 2007 TIP Under Construction Projects

Florida Department of Transportation District 6

	Project Name	Project No.	Limits	Type of Work	Estimated Completion
1	NW 167 St/SR-826	4126371	between NW 1 Ave and NE 10 Ave	Resurfacing	February-07
2	NE 79 ST/SR-934	2498692	at Intercoastal Waterway Bridges 870085 & 870551	Bridge Rehab	March-07
3	NE 79 ST/SR-934	4150601	at Bridges 870083, 870084, 870549 & 870550	Bridge Rehab	March-07
4	Palmetto Expressway/SR 826	2496521	at NW 62 Street	Reconstruction	March-07
5	Palmetto Expressway/SR 826	2496481 2496491	between SW 2 Street and SW 32 Street	Reconstruction	March-07
6	NW 154 St	4147641	at Palmetto Expressway/SR-826	Reconstruction	March-07
7	NW 7 Ave/SR-7/US-441	2501722	between NW 8 St and 36 St	Landscaping and ADA	March-07
8	NW-NE 36 ST/SR-25	2495281	between NW 7 Ave and NE 7 Ave	Reconstruction	March-07
9	NW 27 Ave / SR-9	4146882	Landscaping: SR-9/NW 27 Ave: SW 28 La - SW 8 St	Landscaping	March-07
10	SW 112 Ave/SR-989	4146212	at SW 224 St	Traffic Ops Improvements	March-07
11	Biscayne Blvd/US-1/SR-5	2502241	between NE 37 St and NE 67 St	Reconstruction	April-07
12	Krome Ave / SR-997	2496146	at Kendall Dr./SR-94	Traffic Ops Improvements	April-07
13	Biscayne Blvd/US-1/SR-5	2498352	between NE 5 St and NE 13 St	Reconstruction	April-07
14	Okeechobee Rd/SR-25/US-27	2501051	between W 12 Ave - W 19 St	Reconstruction	April-07
15	Quail Roost /SR-994	4164722	at SW 137 Ave	Traffic Signals	April-07

Note: Includes all projects with let contracts as of February 28, 2006.

FY 2007 TIP Under Construction Projects (Continued)
Florida Department of Transportation District 6

	Project Name	Project No.	Limits	Type of Work	Estimated Completion
16	W Dixie Hwy / SR-909	4127542	between NE 119 St and NE 151 St	Resurfacing	April-07
17	NE 135 St/SR-916	4127541	at 10 AVE	Traffic Signals	April-07
18	NW 5 St /SR 7	4128082	Bascule Bridge	Replace Movable Span	May-07
19	Brickell Ave /SR-5/US-1	4164721	between SE 13 St and SE 15 Rd	Traffic Ops Improvements	May-07
20	Krome Ave/SR-997	4106431	between SW 296 St and SW 292 St	Resurfacing	May-07
21	Miami Gardens Dr/SR-860	4077364	between West Oakmont Dr and NW 75 PL	Traffic Signals	June-07
22	Alton Rd/SR-907	4167721	over Indian Creek Canal	Bridge Rehab	June-07
23	Indian Creek/SR-A1A	2499401	between 63rd St to Abbott Ave	Reconstruction	June-07
24	63rd St/SR-907	4079351	at 63rd St Bridge	Bridge Rehab	June-07
25	NW 27 Ave/SR-817	4124711	between NW 203 St and NW 215 St	Resurfacing	June-07
26	NW 167 St/SR-826	4076302	between US-1 and NE 35 Ave	Resurfacing	June-07
27	Okeechobee Rd/SR-25/US-27	4164234	at NW 105 Way	Add Turn Lanes	July-07
28	Okeechobee Rd/SR-25/US-27	4164234	at NW 105 Way	Add Turn Lanes	July-07
29	Biscayne Blvd/SR-5/US-1	2498355	between NE 5 St and NE 13 St	Landscaping	July-07
30	Biscayne Blvd/SR-5/US-1	2498355	between NE 5 St and NE 13 St	Landscaping	July-07

Note: Includes all projects with let contracts as of February 28, 2006.

FY 2007 TIP Under Construction Projects (Continued)
Florida Department of Transportation District 6

	Project Name	Project No.	Limits	Type of Work	Estimated Completion
31	SE - SW 7 St/SR-90	4124811	between SW 27 Ave/SR-9 and Brickell Ave/SR-5	Resurfacing	July-07
32	Okeechobee Rd/SR-25/US-27	4164232	at Krome Ave	Intersection Improvements	August-07
33	W. Dixie Hwy	4127543	between NW 119 St and NE 151 St	Landscaping	September-07
34	W Dixie Hwy / SR-909	4127543	between NW 119 St and NE 151 St	Landscaping	September-07
35	Sunset Dr/SR-986	4124761	between SW 117 Ave and SW 107 Ave	Resurfacing	September-07
36	I-95	2516623	between US-1 and SR-836	Reconstruction	November-07
37	NW 103 ST / SR-932 (W 49 St)	4179141	between W 2 Ave and- E 10 Ave	Resurfacing	November-07
38	NW 27 Ave/SR-9	4182361	between SW 8 St and NW 16 St	Safety Improvement	December-07
39	SW 8 St/SR-90	4182362	between SW 87 and SW 57 Ave	Safety Improvement	December-07
40	SW 12 Ave/SR-933	4182364	between NW 7 St and NW 16 St	Safety Improvement	December-07
41	I-95	4106793	between NW 132 St and Biscayne Canal/NW 154 St	Landscaping	December-07
42	NW 27 Ave/SR-817	4124701	between SR-9 and NW 187 St	Resurfacing	January-08
43	Le Jeune Road (MIC/MIA)	2502345	between NW 11 Street and NW 25 Street	Install Water Main	February-08
44	MIC/MIA Interchange	4088341	at Le Jeune Road and 21 Street	Miami Intermodal Center/MIA Airport Interchange	February-08
45	MIC/MIA Connector	4083201	between Miami Intermodal Center and MIA Airport	People Mover	February-08
46	MIC/MIA Access	2499372	at MIC Terminal	MIC Terminal Access Roadways	February-08

Note: Includes all projects with let contracts as of February 28, 2006.

FY 2007 TIP Under Construction Projects (Continued)
Florida Department of Transportation District 6

	Project Name	Project No.	Limits	Type of Work	Estimated Completion
47	MIC Access	2502342 2502344	at Le Jeune Road	Collector-Distributor Roads	February-08
48	I-395	2516861	between NW 7 Ave East and Alton Rd	Intelligent Transportation System	March-08
49	I-95	2516822	between NW 62 St and Miami Gardens Dr/SR-860	Intelligent Transportation System	March-08
50	I-95	2516693	between NW 125 St and NW 135 St	Reconstruction	June-08
51	Biscayne Blvd/SR-5/US-1	4056413	between NE 78 St and NE 87 St	Reconstruction	June-08
52	NW 12 Avenue	2496401	at Miami River Bridge No. 870662	Replace Bridge	April-09
53	MIC/MIA Access	2499376	at Terminal Access MTAR	Construction	June-10
54	MIC/MIA Access	2499375	at Rental Car Facility	Construction	June-10
55	MIC/MIA Access	4068006	at MIC/MIA Station	Construction	June-10
56	NW 25 ST	2511852	between Palmetto Expy/SR-826 and NW 67 Ave	Reconstruction	June-11
57	NW 25 ST Viaduct	4056653	between Palmetto Expy/SR-826 and NW 68 Ave	Reconstruction	June-11

Note: Includes all projects with let contracts as of February 28, 2006.

FY 2007 Under Construction Highway Projects Turnpike Enterprise

	Project Name	Limits	Phase	Completion
1	Homestead Extension of Florida's Turnpike	New Interchange at NW 74 th Street	Construction	Construction during 20007
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 2007

FY 2007 TIP Under Construction Projects Miami-Dade Expressway Authority (MDX)

	Project Name	Limits	Phase	For Information
1	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
2	SR 874 Work Program Project No.: 87407	Kendall Drive to SW 72nd Avenue	Construction of a northbound on-ramp from Kendall Drive to SR 874.	Public Information Director @ (305) 637-3277
3	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

FY 2007 TIP Under Construction Projects

Miami-Dade Public Works Department

Facility	From	To	Description	Status
NW 97 Avenue Bridge over SR 836	NW 7 Street (Fontainebleau Boulevard)	NW 14 Street	Construction of a 4 lane bridge and approaches	Under construction
NE 12 Avenue	NE 151 Street	NE 167 Street	Widen road to 3 lanes, intersection improvements	Under construction
NW 17 Avenue	NW 119 Street	Opa-locka Boulevard	Widen road to 5 lanes	Under construction
NW 97 Avenue	NW 138 Street	NW 154 Street	New 4 lane road	Under construction
W 137 Avenue	SW 8 Street	NW 12 Street	New 6 lane road	Under construction
SW 56 Street	SW 158 Avenue	SW 152 Avenue	Widen road from 2 to 4 lanes	Under construction
SW 117 Avenue	SW 184 Street	SW 152 Street	Widen road from 2 to 4 lanes	Under construction
SW 184 Street	SW 137 Avenue	SW 127 Avenue	Widen road from 2 to 4 lanes	Under construction
SW 97 Avenue	SW 72 Street	SW 40 Street	Widen road from 2 to 3 lanes	Under construction
South Miami Avenue	SW 25 Road	SW 15 Road	Traffic calming, curbs, sidewalks	Under construction
SW 143 Terrace	SW 145 Place	SW 144 Avenue	New 2 lane road	Under construction

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