

Miami-Dade MPO
Long Range Transportation Plan Update to 2030:
Financial Resources Review—REVISED DRAFT

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FEDERAL FUNDING PROGRAMS



Federal Funding Programs

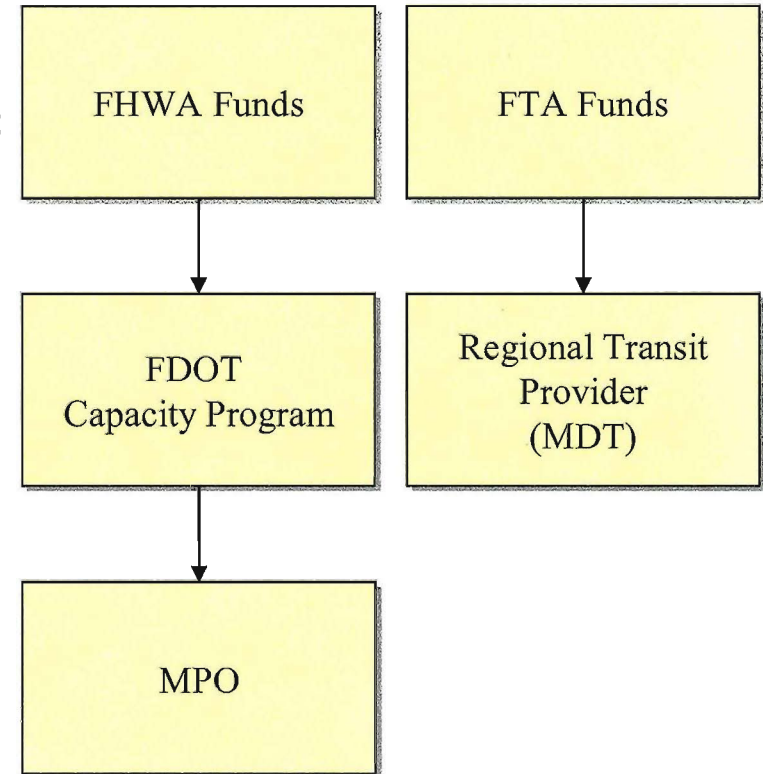


Federal Highway Administration Programs

- National Highway System Program (NHS)
- Surface Transportation Program (STP)
- Congestion Mitigation and Air Quality Improvement Program (CMAQ)

Federal Transit Administration Programs

- Section 5307 Urbanized Area Formula Grants Program
- Section 5309 Discretionary Capital Grants
 - “New Starts” Program
 - Bus Acquisition Program
 - Rail Modernization Program



STATE FDOT & FLORIDA TURNPIKE REVENUE FORECASTS



FDOT Programs: Capacity Program Descriptions



- **FIHS Construction and Right-of-Way**
 - Eligible uses include construction, improvements, and associated right of way acquisition on the FIHS
- **Aviation**
 - Eligible uses include any “air” (e.g. runway expansion) or “land” (e.g. terminal expansion, access improvements) improvements on airport facility’s land
- **Rail**
 - None allocated to Miami-Dade County. Any funds for Tri-Rail improvements that flow through an MPO will go to the Broward County MPO or Palm Beach MPO.
- **Intermodal Access**
 - Eligible uses include improving access to seaports and airports, particularly through highway and rail improvements, and the development of intermodal terminals and facilities.
- **Other Arterial Construction and Right of Way**
 - Eligible uses include capital improvements, including land acquisition on the part of the State Highway System that is not designated as the FIHS. Construction and traffic operations improvements on certain local government roads
- **Transit**
 - Eligible uses include operating assistance and capital improvements to transit, paratransit, and ridesharing systems

FDOT Capacity Program Estimates



FDOT Capacity Program Revenue Forecast FY 2011 - 2030					
Estimates for Miami-Dade County					
(Millions, 2003\$)					
CAPACITY PROGRAM AREAS	FYs 11-15 Subtotal	FYs 16-20 Subtotal	FYs 21-25 Subtotal	FYs 26-30 Subtotal	20 Year Total
FIHS Construction/ROW	\$ 324.0	\$ 307.2	\$ 270.8	\$ 238.7	\$ 1,140.6
Rail	-	-	-	-	-
Intermodal Access	28.5	34.5	39.3	44.8	147.1
Other Arterial Construction/ROW	549.0	513.2	491.0	469.8	2,023.1
Transit	91.3	90.9	90.3	89.8	362.3
TOTAL CAPACITY PROGRAMS	\$ 992.7	\$ 945.7	\$ 891.4	\$ 843.1	\$ 3,673.0
Source: Based on FDOT estimates, February 2001: Extended through 2030 and inflated to 2003\$ by PFM					

- Current forecasts are based upon FDOT 2025 forecasts developed in 2001
 - 2025 forecast were extended through 2030 based on average growth rate over the last five years of original forecast

Florida's Turnpike: Overview



- 450-mile system of limited-access toll highways
- Serves over 400 million patrons annually
 - Approximately half of these are served in South Florida
- Ongoing investment supported with Net Revenues:
 - gross revenues (i.e. tolls and concessions) less operating and maintenance expenses
- Net revenues used for:
 - Widening and interchange improvement
 - Safety improvements
 - SunPass improvements
 - Preservation activities such as resurfacing and rehabilitation
 - Annual debt service

Revenue Estimates

	State Turnpike Enterprise Forecasted Revenues FY 2011-2030 (Thousands, 2003 \$'s)				
State Turnpike Enterprise	FYs 11-15 Subtotal	FYs 16-20 Subtotal	FYs 21-25 Subtotal	FYs 26-30 Subtotal	20-Year Total
NET REVENUES (1)	302,565	275,904	241,144	204,312	1,023,926

(1) Net revenues are derived from gross revenue (tolls & concessions) less O&M expenses

GAS TAX & IMPACT FEE REVENUES



Gas Tax Revenues

State Motor Fuel Taxes

- **Constitutional Gas Tax (A.K.A. Secondary Gas Tax)**
 - 2 cents per gallon imposed on all fuels
 - County's Share (2003-04) = \$19.48 million

- **County Gas Tax**
 - 1 cent per gallon imposed on all fuels
 - County's Share (2003-04) = \$8.7 million

Local Option Gas Taxes

- **Local Option Gas Tax**
 - 6 cents per gallon on gas/gasohol, and diesel
 - County's Share (2003-04) = \$41.9 million

- **Capital Improvement Local Option Gas Tax**
 - Can impose up to 5 cents per gallon. Miami-Dade County levies a 3 cent per gallon tax on gas/gasohol.
 - County's Share (2003-04) = \$19.8 million

- **Ninth Cent Gas Tax**
 - 1 cent per gallon on gas/gasohol, and diesel
 - County's Share (2001-02) = \$10.6 million



Gas Tax Revenues: Eligible & Current Uses



Revenue Source	Eligible Uses	Current Uses ⁽¹⁾
Secondary/Constitutional Gas Tax	Acquisition, construction and maintenance of roads. Bondable for the same purposes.	20% to Countywide General Fund for operating support; 80% used for PWD construction fund. Currently used for the Secondary Roads Capital Program.
County Gas Tax	All legitimate County transportation purposes. Can be used for both PWD and MDTA needs.	MDT and PWD countywide operations
Local Option Gas Tax (6-cent)	All legitimate transportation purposes. Can be used both for PWD and MDTA needs.	MDT and PWD countywide operations
Local Option Gas Tax (5-cent)	All County Capital transportation purposes. Can only be used for either PWD or MDTA for capital improvement needs.	Supports local road construction and MDT through the LOGT Program
Ninth Cent Gas Tax	All County transportation purposes.	MDT and PWD countywide operations
1. Current uses provided by the County OMB		

Road Impact Fees



- **Road Impact Fees**
 - One of numerous impact fees (e.g., Police, Park and Fire) assessed by the County
 - Revenues are accounted for under the PWD budget (a unit of the County) and flow to the Road Impact Fee Program
 - Total revenues for FY 2003-04 = \$16.5 million
 - This represents new revenues for FY 2003-04, not carryover which is \$90 million

LOCAL AGENCY REVENUES



Miami-Dade Transit (MDT)

2004 Overview

- **Total Operating Revenue (FY 2004) = \$261 million**
 - System fares = \$84 million
 - General Fund subsidy = \$118.6 million
 - Federal 5307 Funds = \$42.6 million
 - State Block Grant = \$16.3 million
- **Total Revenues for Capital Improvements (FY 2004) = \$49.2 million**
 - County LOGT funds = \$14.8 million
 - State Funds = \$14.9 million
 - Section 5309:
 - Fixed Guideway Modernization = \$12 million
 - “New Starts” = \$4.5 million
 - Bus = \$3 million
- **Total Revenues sales tax revenue (FY 2004) = \$130 million**



Miami-Dade Transit: People's Transportation Plan



PTP Components Included in MDT Pro Forma

- Increase annual bus service from 27 to 43.5 million miles (63%) by 2007
- Increase bus fleet from 700 to 1191 buses by 2007
- Increase existing rail service headways
- \$3.1 billion (2003\$) rail capital program by 2023 / \$5.27 billion (2003\$) by 2033
- Rail capital funding participation levels:
 - 50% Federal / 25% State / 25% Local
- Ongoing system R&R: \$990 million through 2023 / \$1.1 billion through 2033
- \$470 million in Public Works projects
- 20% of sales tax proceeds distributed annually to cities in Miami-Dade County for transit improvements
- Implement fare increases in base bus and rail fare:
 - \$0.25 in 2007 / \$0.50 in 2012 / \$0.50 in 2017 / \$0.50 in 2022
- General fund subsidy growth rate = 3.5% annually

Miami-Dade Transit: Revenue Estimates

- MDT Revenues based upon the most recent PTP pro forma (Dec 2003)

MDT Revenue Source	MDT Revenue Forecast FY 2011 - 2030 (Thousands, 2003\$)				
	FYs 11-15 Subtotal	FYs 16-20 Subtotal	FYs 21-25 Subtotal	FYs 26-30 Subtotal	20 Year Total
Capital Funding Sources					
Federal 5309 Grant Funds - Rail Capital ⁽¹⁾	522,557	165,816	66,332	66,786	662,492
Federal 5309 Grant Funds - Rail Mod Funds	60,227	63,774	67,659	71,780	263,440
Federal 5309 Grant Funds - Bus Capital	18,948	13,789	13,906	12,613	59,258
State Grant and Other - Rail Capital	261,279	87,923	33,166	33,393	415,761
State Grant - Bus Capital	-	-	-	-	-
State Trans. Disad. & Corridor Enhancement	26,294	24,810	23,410	22,088	96,603
MDT LOGT	64,172	60,282	56,628	53,195	234,276
Total Capital Revenue	794,478	416,395	261,100	259,856	1,731,829
Operating Revenue					
System Fares and Other Operating Revenues	729,018	899,077	1,013,938	969,572	3,611,605
Federal 5307 Formula Funds	219,509	232,880	247,065	262,114	961,568
State Block Grants	71,201	66,830	63,114	59,239	260,383
MDT General Fund Subsidy	608,369	627,213	647,094	668,000	2,550,676
Interest Income	10,375	1,280	2,859	11,676	26,190
Total Operating Revenue	1,638,472	1,827,280	1,974,069	1,970,601	7,410,422
Other Revenue Sources					
1/2 cent Sales Tax Revenue ⁽²⁾	814,538	959,375	1,119,515	1,306,385	4,199,812
Total Other Revenue Sources	814,538	959,375	1,119,515	1,306,385	4,199,812
TOTAL REVENUE	\$ 3,247,487	\$ 3,203,050	\$ 3,354,684	\$ 3,536,843	\$ 13,342,063

1. Includes Commercial Paper proceeds to be repaid with 5309 Funds

2. 1/2 cent Sales Tax Revenue is net of 20% payment to municipalities

Miami-Dade County Public Works Department

- **Three Major Transportation Programs**

- **Secondary Road Program**

- Includes construction, rehabilitation, and maintenance of arterial and collector roads and bridges
- Funded by the Secondary Gas Tax (“Constitutional Gas Tax”)
- Total budgeted expenditures/revenues (FY 2003-04) = \$23.2 million

- **Local Option Gas Tax Program**

- Includes roadway resurfacing, pedestrian pathway improvements and construction and pavement marking
- Funded by the 5 cent (only 3 cents currently levied) LOGT
- Total budgeted expenditures/revenues (FY 2003-04) = \$5.9 million

- **Road Impact Fee Program**

- Projects include road and bridge capacity improvements, road widening and resurfacing and safety improvements
- Funded by Road Impact Fees collected by the County from developers and reallocated to the District in which it was collected
- Total budgeted expenditures/revenues (FY 2003-04) = \$107 million



Miami-Dade County PWD: Revenue Estimates



- Revenue forecasts based upon the 2003-04 Final Adopted Budget Ordinance
- Gas tax supported programs projected to grow with County population growth (1.36 percent) in lieu of long term VMT estimates
- Current road impact fee revenues held constant through 2030, then discounted.

PWD Road Transportation Program Revenues FY 2011 - 2030 ⁽¹⁾					
(Thousands, 2003\$)					
Program	FYs 11-15 Subtotal	FYs 16-20 Subtotal	FYs 21-25 Subtotal	FYs 26-30 Subtotal	20 Year Total
CAPITAL PROGRAM					
Secondary Roads Program	70,625	65,911	61,512	57,407	255,455
Local Option Gas Tax Program	21,787	20,333	18,976	17,709	78,805
Road Impact Fee	71,171	66,421	61,987	57,850	257,429
TOTAL CAPITAL REVENUE	163,583	152,665	142,475	132,966	591,689
TOTAL OPERATING REVENUE (2)	148,487	138,576	129,327	120,695	537,085
TOTAL REVENUE	312,069	291,241	271,802	253,662	1,128,774

1. Program uses are projected from 2003-04 baseline numbers provided by the OMB staff

2. Operating revenue are only for DPW administered road programs (not for MDT). MDT O&M revenues from gas taxes are accounted for in MDT estimates.

Miami-Dade Expressway Authority (MDX)



- MDX is responsible for funding and financing capital improvements, operations and maintenance of the MDX roadway system. The MDX also establishes and collects tolls, rates, fees, rentals and other charges for services and facilities of the system
- ***< MDX is in the process of developing long term needs and revenue forecasts and will provide that data when complete >***

SUMMARY OF FORECASTED REVENUES THROUGH 2030



Summary of Forecasted Revenues Through 2030



Summary -- Total Forecasted Revenues FY 2011-2030 (Thousands, 2003 \$'s)					
Transportation Program	FYs 11-15 Subtotal	FYs 16-20 Subtotal	FYs 21-25 Subtotal	FYs 26-30 Subtotal	20-Year Total
Capital Revenue					
State FDOT Capacity Program ⁽¹⁾	\$ 901,449	\$ 854,832	\$ 801,109	\$ 753,336	\$ 3,310,725
State Turnpike Enterprise	302,565	275,904	241,144	204,312	1,023,926
MDT ⁽²⁾	1,812,650	1,615,613	1,660,494	1,892,838	6,981,595
DPW	163,466	152,501	142,271	132,728	590,965
Total Capital Revenue	3,180,130	2,898,850	2,845,017	2,983,214	11,907,211
Operating Revenue					
MDT	1,638,472	1,827,280	1,974,069	1,970,601	7,410,422
DPW	148,380	138,427	129,142	120,479	536,428
Total Operating Revenue	1,786,852	1,965,707	2,103,210	2,091,080	7,946,850
TOTAL REVENUE	\$ 4,966,982	\$ 4,864,557	\$ 4,948,228	\$ 5,074,295	\$ 19,854,061
1. \$362.3 million have been subtracted from State FDOT totals and accounted for under MDT revenues					
2. MDT Capital Revenue includes 1/2 cent Sales Tax Revenues					