

**MIAMI-DADE EXPRESSWAY AUTHORITY (MDX)  
FISCAL YEARS 2009-2013**

**TRANSPORTATION IMPROVEMENT PROGRAM**



Project Number	Project Name		Phase	FY09 THROUGH FY13 (\$000s)				
	Description	Project Limits		FY09	FY10	FY11	FY12	FY13
<b>11205</b>	<b>Interconnector from MIA to SR 112</b>							
	Identify improvements to LeJeune Road, SR 112, and Iron Triangle Interchange. Develop a master plan for the future direct connection between SR 836 and SR 112 with coordination of right-of-way acquisition with Miami-Dade Transit Authority between NW 25th Street and SR 112 / NW 27th Avenue. Develop final design plans for interim improvements to LeJeune Road.	NW 25th Street/LeJeune Road to SR 112 / NW 27th Avenue	Project Development					
			Final Design	\$108				
			Right-of-Way	\$225				
			Construction Design/Build					
<b>11209</b>	<b>SR 112 Infrastructure Modifications for Open Road Tolling</b>							
	Removal of existing toll plaza and reconstruction of the SR 112 roadway to accommodate highway-speed vehicle traffic for implementation of Open Road Tolling.	NW 17th Avenue to NW 12th Avenue	Project Development			\$68		
			Final Design				\$219	
			Construction					\$2,127
			Design/Build					
<b>11210</b>	<b>SR 112 Open Road Tolling Signage</b>							
	Procurement and installation of signs for Open Road Tolling implementation.	Le Jeune Road to I-95	Project Development	\$40				
			Final Design	\$98	\$37			
			Construction			\$307	\$1,429	
			Design/Build					
<b>83603</b>	<b>SR 836 / SR 112 Interconnector</b>							
	Funding JPA for acquisition of ROW by FDOT for Interconnector from SR 836 to Central Boulevard. Design and construction by FDOT of C-D roads to access MIC and MIA from SR 836 with provisions for connections to SR 836 Managed Lanes. Refer to FDOT FM 250234 1 005 06, and FM 250234 2 005 06.	SR 836 to NW 28th Street	Project Development	\$11,003	\$10,803			
			Final Design					
			Construction					
			Design/Build					
<b>83608</b>	<b>SR 826 / SR 836 Interchange Improvements</b>							
	Includes Design and Right-of-Way JPA w/ FDOT for partial funding of SR 826 / SR 836 interchange. Construction JPA under negotiation. Refer to FM 249581.	SR 826 Interchange to SR 836	Project Development	\$260	\$260	\$260		
			Final Design					
			Construction	\$10,001	\$15,001	\$25,001	\$25,001	\$25,001
			Design/Build					
<b>83611</b>	<b>SR 836 / I-95 Interchange Environmental Impact Statement</b>							
	Coordination of operational improvements to SR 836 from NW 17th Avenue to I-95 Interchange with City of Miami, FDOT-6, and others. JPA established with FDOT.	NW 17th Avenue to I-95	Project Development	\$50	\$138			
			Final Design					
			Construction					
			Design/Build					
<b>83617</b>	<b>SR 836 Landscaping</b>							
	Landscaping Contract for 83605, 83612, and 83614.	NW 137th Avenue to NW 87th Avenue	Project Development					
			Final Design					
			Construction	\$1,928				
			Design/Build					

**MIAMI-DADE EXPRESSWAY AUTHORITY (MDX)  
FISCAL YEARS 2009-2013**

**TRANSPORTATION IMPROVEMENT PROGRAM**



Project Number	Project Name		Phase	FY09 THROUGH FY13 (\$000s)				
	Description	Project Limits		FY09	FY10	FY11	FY12	FY13
<b>83622</b>	<b>SR 836 EB Auxiliary Lane</b>							
	Construction of an additional auxiliary lane on SR 836 to match FDOT's SR 826 / SR 836 Interchange on the west and NW 42nd Avenue on the east, including SR 836 Contra-Flow Lane Study.	SR 826 / SR 836 Interchange to NW 42nd Avenue	Project Development					
			Final Design					
			Construction					
			Design/Build	\$24,483	\$2,655			
<b>83624</b>	<b>SR 836 Infrastructure Modifications for Open Road Tolling</b>							
	Modification of existing toll plaza and reconstruction of the roadway to accommodate highway-speed vehicle traffic.	NW 22nd Avenue to NW 17th Avenue	Project Development		\$64	\$33		
			Final Design			\$205	\$225	
			Construction					\$4,328
			Design/Build					
<b>83625</b>	<b>SR 836 Emergency Ramp</b>							
	Design and construction of access ramp from 107th Avenue to the MDX SR 836 Extension for exclusive use of emergency vehicles.	NW 107th Avenue to SR 836	Project Development	\$47				
			Final Design		\$162			
			Construction		\$771	\$1,184		
			Design/Build					
<b>83626</b>	<b>SR 836 Open Road Tolling Signage</b>							
	Procurement and installation of signs for Open Road Tolling implementation.	NW 137th Avenue to I-95	Project Development	\$134				
			Final Design		\$459			
			Right-of-Way					
			Construction			\$1,021	\$4,746	
	Design/Build							
<b>83627</b>	<b>SR 836 Express Bus Service Study</b>							
	Study of current conditions and needed improvements for potential development of express bus service along the SR 836 outside shoulders in the eastbound and westbound directions; with potential park and ride lots at selected locations in coordination with Miami-Dade Transit.	NW 137th Avenue to I-95	Project Development	\$8				
			Final Design					
			Right-of-Way					
			Construction					
	Design/Build							
<b>87404</b>	<b>SR 874 / Killian Parkway Interchange</b>							
	Modification of Killian Parkway Interchange and provision for new northbound and southbound electronic toll collection gantries. Includes removal of existing northbound and southbound toll plazas; roadway widening and installation of sound barrier walls.	Homestead Extension of Florida Turnpike to Kendall Drive	Project Development					
			Final Design					
			Construction	\$37,727	\$43,738	\$20,178		
			Design/Build					
<b>87407</b>	<b>SR 874 NB On-Ramp from Kendall Drive</b>							
	Northbound ramp from Kendall Drive to SR 874.	Kendall Drive to SW 72nd Street	Project Development					
			Final Design					
			Construction	\$5,951				
			Design/Build					

**MIAMI-DADE EXPRESSWAY AUTHORITY (MDX)  
FISCAL YEARS 2009-2013**

**TRANSPORTATION IMPROVEMENT PROGRAM**



Project Number	Project Name		Phase	FY09 THROUGH FY13 (\$000s)				
	Description	Project Limits		FY09	FY10	FY11	FY12	FY13
<b>87409</b>	<b>SR 874 Mainline Reconstruction</b>							
	Reconstruction and modification of SR 874 mainline from Kendall Drive to SR 826 including the SR 874 / SR 878 interchange. Preparation of noise analysis report.	Kendall Drive to SR 826	Project Development	\$335				
			Final Design	\$8,597	\$5,144	\$751		
			Construction					
			Design/Build					
<b>87410</b>	<b>SR 874 Ramp Connector</b>							
	Project development and preparation of concept report for connection from SR 874 to SW 136th Street, as part of MDX Long Range Plan.	SW 136th Street to SR 874	Project Development	\$487	\$557	\$57		
			Final Design					
			Right-of-Way					
			Construction					
	Design/Build							
<b>87411</b>	<b>SR 874 / SR 826 Interchange Improvements</b>							
	JPA with FDOT to contribute monies towards the reconstruction of the SR 874 / SR 826 Interchange to facilitate the construction of MDX Project 87409.	North of SR 874 / 826 Interchange South of SR 874 / 826 Interchange	Project Development	\$48	\$7			
			Final Design					
			Construction	\$15,001	\$15,001			
			Design/Build					
<b>87412</b>	<b>SR 874 Open Road Tolling Signage</b>							
	Procurement and installation of signs for Open Road Tolling implementation.	Homestead Extension of Florida Turnpike to SR 826	Project Development	\$40				
			Final Design	\$134				
			Construction		\$1,605			
			Design/Build					
<b>87801</b>	<b>SR 878 Open Road Tolling Signage</b>							
	Procurement and installation of signs for Open Road Tolling implementation.	SR 874 to U.S. 1	Project Development	\$10				
			Final Design	\$96				
			Construction		\$1,164			
			Design/Build					
<b>92404</b>	<b>SR 924 Extension to Homestead Extension of Florida Turnpike (WEST)</b>							
	Project development and preparation of concept report for a new expressway extension from SR 924 west to the Homestead Extension of the Florida's Turnpike (HEFT), as part of MDX Long Range Plan.	SR 826 to Homestead Extension of Florida Turnpike	Project Development	\$799				
			Final Design					
			Construction					
			Design/Build					
<b>92405</b>	<b>SR 924 Infrastructure Modifications for Open Road Tolling</b>							
	Removal of existing toll plaza and reconstruction of the roadway to accommodate highway-speed vehicle traffic.	East of 57th Avenue to LeJeune Road	Project Development					
			Final Design	\$235				
			Construction	\$2,206	\$10,256			
			Design/Build					

**MIAMI-DADE EXPRESSWAY AUTHORITY (MDX)**

**FISCAL YEARS 2009-2013**

**TRANSPORTATION IMPROVEMENT PROGRAM**



Project Number	Project Name		Phase	FY09 THROUGH FY13 (\$000s)				
	Description	Project Limits		FY09	FY10	FY11	FY12	FY13
<b>92406</b>	<b>SR 924 Open Road Tolling Signage</b>							
	Procurement and installation of signs for Open Road Tolling implementation.	SR 826 to NW 27th Avenue	Project Development	\$24				
			Final Design	\$301				
			Construction	\$1,018	\$2,526			
			Design/Build					
<b>20002</b>	<b>Systemwide Planning</b>							
	Evaluation and assessment of various projects for potential inclusion into the MDX Long Range Plan including the study for the SR 924 Extension to I-95, SR 924 Extension to the Homestead Extension of the Florida's Turnpike, SR 836 Bus Rapid Transit from I-95 to the Miami-Dade Airport, US 1 Managed Lanes, US 1 Reversible Lanes, US 25/US 27 Conversion to Limited Access Facility and Truckway Connector.	Systemwide	Project Development	\$84	\$2,461			
			Final Design					
			Right-of-Way					
			Construction					
			Design/Build					
<b>10007</b>	<b>SR 112 Communications and Incident Mgmt. /Surveillance</b>							
	Install communications system integrating FDOT and Miami-Dade County systems with MDX system. Install incident management and traffic surveillance equipment to SR 112.	Miami International Airport to I-95	Project Development					
			Final Design					
			Construction					
			Design/Build	\$3,603	\$1,167			
<b>10009</b>	<b>SR 924 Communications and Incident Mgmt. /Surveillance</b>							
	Install communications system integrating FDOT system with MDX system. Install incident management and traffic surveillance equipment to SR 924.	SR 826 to NW 27th Avenue	Project Development					
			Final Design					
			Construction					
			Design/Build	\$2,271	\$730			
<b>10010</b>	<b>SR 874 / SR 878 Communications and Incident Mgmt. /Surveillance</b>							
	Install communications system integrating SR 874 / SR 878 to Miami-Dade County system along U.S. 1. Install incident management and traffic surveillance equipment to SR 874 / SR 878.	SR 874 to U.S. 1	Project Development					
			Final Design					
			Construction					
			Design/Build	\$2,077	\$667			
<b>10012</b>	<b>Open Road Tolling (ORT) Master Plan &amp; Community Outreach</b>							
	Development of ORT Master Plan to establish the phased implementation plan for the deployment of open road tolling systemwide, including community outreach efforts and the procurement of system integration services for systemwide implementation.	Systemwide	Project Development	\$158				
			Final Design					
			Right-of-Way					
			Construction					
			Design/Build					

**MIAMI-DADE EXPRESSWAY AUTHORITY (MDX)**

**FISCAL YEARS 2009-2013**

**TRANSPORTATION IMPROVEMENT PROGRAM**



Project Number	Project Name		Phase	FY09 THROUGH FY13 (\$000s)				
	Description	Project Limits		FY09	FY10	FY11	FY12	FY13
<b>10013</b>	<b>SR 924 Toll System Conversion</b>							
	SR 924 toll system conversion from the existing toll collection system to an Open Road Tolling (ORT) system.	SR 826 to NW 27th Avenue	Project Development					
			Final Design					
			Construction					
			Design/Build	\$5,460				
<b>10014</b>	<b>SR 878 Toll System Conversion</b>							
	SR 878 toll system conversion from the existing toll collection system to an Open Road Tolling (ORT) system.	US-1 to SR 874	Project Development		\$61			
			Final Design					
			Construction					
			Design/Build		\$3,576	\$847		
<b>10015</b>	<b>SR 874 Toll System Conversion</b>							
	SR 874 toll system conversion from the existing toll collection system to an Open Road Tolling (ORT) system.	SR 826 to Homestead Extension of Florida Turnpike	Project Development		\$106			
			Final Design					
			Construction					
			Design/Build		\$6,616	\$1,566		
<b>10016</b>	<b>SR 112 Toll System Conversion</b>							
	SR 112 toll system conversion from the existing toll collection system to an Open Road Tolling (ORT) system.	LeJeune Road to I-95	Project Development			\$89		
			Final Design					
			Construction					
			Design/Build			\$5,977	\$1,414	
<b>10017</b>	<b>SR 836 Toll System Conversion</b>							
	SR 836 toll system conversion from the existing toll collection system to an Open Road Tolling (ORT) system.	NW 137th Avenue to I-95	Project Development			\$198		
			Final Design					
			Construction					
			Design/Build			\$21,316	\$5,041	
<b>10018</b>	<b>Systemwide Open Road Tolling Hardware/Software Development</b>							
	Development of systemwide hardware and software and enhancements to the violation enforcement system to accommodate requirements from Open Road Tolling.	Systemwide	Project Development					
			Final Design					
			Construction					
			Design/Build	\$1,583	\$4,127	\$3,078	\$1,811	
			<b>Contingency Cost</b>	<b>\$5,027</b>				
<b>TRANSPORTATION IMPROVEMENT PROGRAM TOTALS</b>				<b>\$141,659</b>	<b>\$129,861</b>	<b>\$82,135</b>	<b>\$39,888</b>	<b>\$31,457</b>

**MIAMI-DADE EXPRESSWAY AUTHORITY (MDX)  
FISCAL YEARS 2009-2013**

**RENEWAL AND REPLACEMENT PROGRAM**



Project Number	Project Name		Phase	FY09 THROUGH FY13 (\$000s)				
	Description	Project Limits		FY09	FY10	FY11	FY12	FY13
<b>30016</b>	<b>System-Wide Bridge Repairs (Phase III)</b>							
	Replacement of bridge joints on bridges that have been identified in the Bridge Inspection Report.	Systemwide	Project Development					
			Final Design					
			Construction	\$396				
			Design/Build					
<b>30017</b>	<b>Roadway Lighting Improvements</b>							
	Includes a study to determine the extent of safety improvements required for the program-wide roadway lighting system. Includes verification of grounding in areas subject to pedestrian traffic and identification of secondary load center deficiencies and replacement.	Systemwide	Project Development					
			Final Design	\$43				
			Construction	\$468	\$246			
			Design/Build					
<b>30019</b>	<b>Non-Routine Bridge Repairs</b>							
	Repair and rehabilitation of MDX bridge structures identified through the bi-annual bridge inspection program.	Systemwide	Project Development					
			Final Design	\$15				
			Construction	\$388	\$205			
			Design/Build					
<b>30020</b>	<b>Systemwide Bridge Rehabilitation / Replacement Planning Study</b>							
	Planning study of bridges systemwide to assess current conditions, identify and prioritize rehabilitation or replacement as part of the R&R program.	Systemwide	Project Development	\$405	\$309			
			Final Design					
			Construction					
			Design/Build					
<b>30021</b>	<b>SR 836 &amp; SR 924 Pavement Rehabilitation</b>							
	SR 836 & SR 924 pavement rehabilitation to include pavement evaluation, identification and prioritization of repairs as part of the R&R program.	SR 836 & SR 924	Project Development	\$38				
			Final Design	\$224	\$33			
			Construction	\$3,002	\$4,594			
			Design/Build					
<b>30023</b>	<b>Systemwide Fence Replacement</b>							
	Systemwide fence replacement and upgrades including the replacement of 4' fencing and installation of fence for right-of-way outside of L/A fence line.	Systemwide	Project Development	\$8				
			Final Design					
			Construction	\$992	\$999			
			Design/Build					
<b>30024</b>	<b>Systemwide Facilities Upgrades</b>							
	Systemwide facilities upgrade to include painting, HVAC upgrades and replacement of roofs, floor coverings and generators/tanks.	Systemwide	Project Development					
			Final Design					
			Construction	\$431				
			Design/Build					
			<b>Contingency Cost</b>	<b>\$221</b>				
<b>RENEWAL AND REPLACEMENT PROGRAM TOTALS</b>				<b>\$6,631</b>	<b>\$6,386</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**MIAMI-DADE EXPRESSWAY AUTHORITY (MDX)**

**FISCAL YEARS 2009-2013**

**CAPITAL IMPROVEMENT PROGRAM**



Project Number	Project Name		Phase	FY09 THROUGH FY13 (\$000s)				
	Description	Project Limits		FY09	FY10	FY11	FY12	FY13
<b>40025</b>	<b>Contract Administration Module</b>							
	Procurement and implementation of Contract Administration Software for MDX.	Systemwide	Project Development					
			Final					
			Construction	\$175				
			Design/Build					
<b>40027</b>	<b>Systemwide Safety Improvements</b>							
	Guardrail upgrades on MDX Corridors SR-112, SR-874, SR-878, and SR-836. To include the replacement of deteriorated wooden offset blocks, replacement of outdated end approach assemblies, bridge approach attachments, and closure of open median with guardrail.	Systemwide	Project Development					
			Final Design					
			Construction	\$1,595	\$1,302	\$358		
			Design/Build					
<b>40028</b>	<b>Roadway Signing Improvements</b>							
	Systemwide replacement of speed limit and ramp speed signing to comply with MUTCD. Replacement of non-reflective and deteriorated roadway signs on the SR-112 and SR-836 corridors.	Systemwide	Project Development					
			Final Design					
			Construction	\$412				
			Design/Build					
<b>40029</b>	<b>Systemwide Landscaping Improvements</b>							
	Implementation of landscaping improvements at various locations throughout the MDX system. Focus will be improvements to highly visual interchange areas as prioritized through coordination with state and county agencies and local municipalities.	Systemwide	Project Development					
			Final Design					
			Construction	\$874				
			Design/Build					
<b>40033</b>	<b>SR 836 Median Guardrail Improvement</b>							
	SR 836 median closing (Guardrail Safety Project).	SR 826 to 107th Avenue	Project Development					
			Final Design					
			Construction	\$370				
			Design/Build					
<b>40034</b>	<b>Systemwide Sign Assessment</b>							
	Inspection and assessment of systemwide signage including master guide signs and potential use of dynamic message signs.	Systemwide	Project Development	\$33				
			Final Design					
			Construction					
			Design/Build					

**MIAMI-DADE EXPRESSWAY AUTHORITY (MDX)  
FISCAL YEARS 2009-2013**

**CAPITAL IMPROVEMENT PROGRAM**



Project Number	Project Name		Phase	FY09 THROUGH FY13 (\$000s)				
	Description	Project Limits		FY09	FY10	FY11	FY12	FY13
<b>40035</b>	<b>Steel Bridge / Structure Painting</b>							
	Painting of steel bridges and structures systemwide.	Systemwide	Project Development	\$136				
			Final Design	\$366	\$39			
			Construction	\$8,804	\$5,156	\$739		
			Design/Build					
<b>40036</b>	<b>Concrete Coating for SR 924 Bridges and Systemwide Barrier Walls</b>							
	Concrete coating of bridges on SR 924 and retaining, sound and barrier walls systemwide.	Systemwide	Project Development	\$10				
			Final Design	\$100	\$11			
			Construction	\$1,489	\$1,531	\$160		
			Design/Build					
<b>40037</b>	<b>Improvements to the SR 836 Bridge over the Miami River</b>							
	Replacement of bridget fender system, lighting and access ladder to protect bridget piers from vessel impacts.	Systemwide	Project Development	\$25				
			Final Design		\$132			
			Construction			\$1,892		
			Design/Build					
			<b>Contingency Cost</b>	<b>\$645</b>				
<b>CAPITAL IMPROVEMENT PROGRAM TOTALS</b>				<b>\$15,034</b>	<b>\$8,170</b>	<b>\$3,150</b>	<b>\$0</b>	<b>\$0</b>