

MIAMI-DADE EXPRESSWAY AUTHORITY (MDX)

FISCAL YEAR 2015-2019



WORK PROGRAM SUMMARY

	Program Name	Programmed in 5-Years (\$000's)					TOTAL
		FY15	FY16	FY17	FY18	FY19	
<b>TIP</b>	<b>Transportation Improvement Program</b>						
		\$170,569	\$221,735	\$251,462	\$139,299	\$63,449	\$846,514
<b>R&amp;R</b>	<b>Renewal and Replacement Program</b>						
		\$12,394	\$2,873	\$4,590	\$1,452	\$93	\$21,402
<b>CIP</b>	<b>Capital Improvement Program</b>						
		\$1,109	\$6,515	\$3,665	\$0	\$0	\$11,289
<b>PROGRAM TOTALS</b>		<b>\$184,072</b>	<b>\$231,123</b>	<b>\$259,717</b>	<b>\$140,750</b>	<b>\$63,542</b>	<b>\$879,205</b>

Includes contingency



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TRANSPORTATION IMPROVEMENT PROGRAM

Project Number	Project Name		Phase	Expenditures Thru FY13	Projected FY14 Budget	FY15 THRU FY19 (\$000s)					Total Project Budget
	Description	Project Limits				FY15	FY16	FY17	FY18	FY19	
<b>83629</b>	<b>SR 836 Interchange Modifications at 87th Avenue</b>										<b>\$88,972</b>
	Reconstruction of the NW 87th Avenue Interchange and SR 836 Mainline to 500 feet west of NW 82nd Avenue.	SR 836 West of 82nd Avenue to NW 97th Avenue	Project Development	\$717							\$717
			Final Design	\$4,818	\$2,421	\$50					\$7,290
			Right-of-Way								\$0
			Construction		\$37	\$14,718	\$23,914	\$21,216	\$15,079	\$6,002	\$80,965
			Design/Build								\$0
<b>83630</b>	<b>SR 836 and NW 14th Street Off-Ramp Widening</b>										<b>\$257</b>
	Widening of Westbound Exit Ramp at NW 14th Street and SR 836.	SR 836 at NW 10th Avenue	Project Development	\$24							\$24
			Final Design	\$227	\$6						\$233
			Right-of-Way								\$0
			Construction								\$0
			Design/Build								\$0
<b>83631</b>	<b>SR 836 Infrastructure Modifications for Open Road Tolling (WEST SECTION)</b>										<b>\$12,716</b>
	Modification of existing toll plaza and installation of gantries and on & off system signage, and modification to the SR 836 roadway and ramps in the area of the existing toll plaza.	NW 137th Avenue to NW 62nd Avenue	Project Development	\$1,141	\$127						\$1,268
			Final Design								\$0
			Right-of-Way								\$0
			Construction								\$0
			Design/Build		\$1,832	\$7,900	\$1,717				\$11,449
<b>87404</b>	<b>SR 874 / Killian Parkway Interchange</b>										<b>\$98,995</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, installation of sound barrier walls and extension of 4th lane on Killian Parkway from west of 107th Avenue to Miami - Dade College entrance.	Homestead Extension of Florida's Turnpike to Kendall Drive	Project Development	\$1,697							\$1,697
			Final Design	\$9,678	\$39						\$9,717
			Right-of-Way								\$0
			Construction	\$85,677	\$635	\$1,269					\$87,581
			Design/Build								\$0
<b>87409</b>	<b>SR 874 Mainline Reconstruction</b>										<b>\$66,876</b>
	Widening and resurfacing of SR 874 mainline from Kendall Drive to SR 826. Preparation of noise analysis report and installation of sound barrier walls.	Kendall Drive to SR 826	Project Development	\$825							\$825
			Final Design	\$5,953	\$1						\$5,954
			Right-of-Way	\$13							\$13
			Construction	\$216							\$216
			Design/Build	\$48,703	\$11,164						\$59,867
<b>87410</b>	<b>SR 874 Ramp Connector to SW 128th Street</b>										<b>\$114,294</b>
	New connection from SR 874 to SW 128th Street as part of the MDX Master Plan and the MPO Long Range Transportation Plan.	SW 128th Street to SR 874	Project Development	\$3,217	\$1,729	\$973					\$5,919
			Final Design								\$0
			Right-of-Way	\$9	\$919	\$3,693	\$18				\$4,638
			Construction								\$0
			Design/Build		\$5,000	\$15,821	\$47,502	\$29,218	\$6,196		\$103,737
<b>92404</b>	<b>SR 924 Extension West to the Homestead Extension of the Florida Turnpike</b>										<b>\$42,122</b>
	Project development, preparation of concept report, PD&E Study and advanced Right-of-Way activities for a new expressway extension from SR 924 west to the Homestead Extension of the Florida's Turnpike (HEFT) as part of the MDX Master Plan and the MPO Long Range Transportation Plan.	Existing SR 924 to Homestead Extension of Florida's Turnpike	Project Development	\$3,679	\$410	\$230					\$4,319
			Final Design			\$1,352	\$6,894	\$4,596	\$676		\$13,517
			Right-of-Way	\$27	\$358	\$4,341	\$6,669	\$1,128			\$12,523
			Construction	\$11,763							\$11,763
			Design/Build								\$0

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TRANSPORTATION IMPROVEMENT PROGRAM

Project Number	Project Name		Phase	Expenditures Thru FY13	Projected FY14 Budget	FY15 THRU FY19 (\$000s)					Total Project Budget
	Description	Project Limits				FY15	FY16	FY17	FY18	FY19	
<b>92407</b>	<b>SR 924 Extension East to I-95</b>										<b>\$3,840</b>
	PD&E Study for a new expressway extension from SR 924 at 32nd Avenue east to I-95 as part of the MDX Master Plan and the MPO Long Range Transportation Plan.	Existing SR 924 at NW 32nd Avenue to I-95	Project Development	\$3,369	\$231	\$188	\$52				\$3,840
			Final Design								\$0
			Right-of-Way								\$0
			Construction								\$0
			Design/Build								\$0
<b>20001</b>	<b>Connect 4 Express</b>										<b>\$10,692</b>
	Project development for new expressway connecting SR 836, SR 112 and SR 924. Includes system interchanges with SR 112 and SR 924 and potential service interchanges with NW 54th Street, NW 79th Street and NW 103rd Street with connectors to NW 37th Avenue.	SR 836 to SR 924	Project Development	\$1,334			\$655	\$1,872	\$2,808	\$1,965	\$10,692
			Final Design								\$0
			Right-of-Way								\$0
			Construction								\$0
			Design/Build								\$0
<b>20003</b>	<b>U.S. 1 Express Lanes</b>										<b>\$9,968</b>
	Preparation of PD&E Study to convert existing Busway into Managed Lane facility as part of the MDX Master Plan and the MPO Long Range Transportation Plan.	SW 344 Street to SW 88 Street	Project Development	\$4,942	\$3,216	\$1,809					\$9,968
			Final Design								\$0
			Right-of-Way								\$0
			Construction								\$0
			Design/Build								\$0
<b>20004</b>	<b>MIC-Dadeland Busway</b>										<b>\$25</b>
	Preparation of study to evaluate feasibility of running bus service from the MIC to Dadeland.	Miami Intermodal Center to Dadeland	Project Development			\$25					\$25
			Final Design								\$0
			Construction								\$0
			Design/Build								\$0
<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								\$0
			Final Design								\$0
			Construction								\$0
			Design/Build	\$2,687	\$664						\$3,351
<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								\$0
			Final Design								\$0
			Construction								\$0
			Design/Build	\$1,379	\$475						\$1,854
<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.	Homestead Extension of Florida's Turnpike to SR 826	Project Development								\$0
			Final Design								\$0
			Construction								\$0
			Design/Build	\$2,850	\$1,239						\$4,088
<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								\$0
			Final Design								\$0
			Construction								\$0
			Design/Build	\$218	\$1,506	\$3,088					\$4,811
<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								\$0
			Final Design								\$0
			Construction								\$0
			Design/Build	\$568	\$5,708	\$12,743					\$19,020

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TRANSPORTATION IMPROVEMENT PROGRAM

Project Number	Project Name		Phase	Expenditures Thru FY13	Projected FY14 Budget	FY15 THRU FY19 (\$000s)					Total Project Budget		
	Description	Project Limits				FY15	FY16	FY17	FY18	FY19			
<b>10018</b>	<b>Systemwide Open Road Tolling Hardware/Software Development</b>										<b>\$13,603</b>		
	Development of systemwide hardware and software and enhancements to the account management toll enforcement system to accommodate requirements for Open Road Tolling.	Systemwide	Project Development								\$0		
			Final Design								\$0		
			Construction								\$0		
			Design/Build	\$8,850	\$4,752						\$13,603		
<b>10019</b>	<b>Systemwide Implementation of Dynamic Message Signs (DMS)</b>										<b>\$12,401</b>		
	Procurement and installation of dynamic message signs (DMS) at specific locations throughout the MDX System to provide travelers information on traffic conditions.	Systemwide	Project Development	\$414							\$414		
			Final Design								\$0		
			Construction								\$0		
			Design/Build	\$1,090	\$6,321	\$4,577					\$11,988		
<b>10021</b>	<b>Systemwide ITS Improvements</b>										<b>\$750</b>		
	Concept development and preparation of procurement documents for systemwide ITS improvements resulting from ITS Master Plan recommendations.	Systemwide	Project Development		\$60	\$593	\$98				\$750		
			Final Design								\$0		
			Construction								\$0		
			Design/Build								\$0		
			<b>Contingency Cost</b>			<b>\$7,000</b>					<b>\$7,000</b>		
<b>TRANSPORTATION IMPROVEMENT PROGRAM TOTALS</b>						<b>\$450,291</b>	<b>\$119,832</b>	<b>\$170,569</b>	<b>\$221,735</b>	<b>\$251,462</b>	<b>\$139,299</b>	<b>\$63,449</b>	<b>\$1,446,497.85</b>

MIAMI-DADE EXPRESSWAY AUTHORITY (MDX)

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CAPITAL IMPROVEMENT PROGRAM

Project Number	Project Name		Phase	Expenditures Thru FY13	Projected FY14 Budget	FY15 THRU FY19 (\$000s)					Total Project Budget
	Description	Project Limits				FY15	FY16	FY17	FY18	FY19	
<b>40025</b>	<b>Integrated Financial Contract Management System</b>										<b>\$568</b>
	Procurement and implementation of an Integrated Financial Contract Management System.	Systemwide	Project Development								\$0
			Final Design								\$0
			Construction	\$8	\$560						\$568
			Design/Build								\$0
<b>40027</b>	<b>Systemwide Safety Improvements</b>										<b>\$6,054</b>
	Safety improvements including those resulting from and recommended through the MDX systemwide safety studies.	Systemwide	Project Development	\$174	\$1						\$175
			Final Design	\$568	\$127						\$695
			Construction	\$3,282	\$1,712	\$190					\$5,184
			Design/Build								\$0
<b>40037</b>	<b>Improvements to the SR 836 Bridge over the Miami River</b>										<b>\$276</b>
	Replacement of bridge fender system, lighting and access ladder to protect bridge piers from vessel impacts at the Miami River and removal of the fender system at the Tamiami Canal Bridge.	SR 836	Project Development	\$38							\$38
			Final Design	\$239							\$239
			Construction								\$0
			Design/Build								\$0
<b>40040</b>	<b>Systemwide Landscaping Improvements (Phase II)</b>										<b>\$4,325</b>
	Implementation of landscape on specific segments sytemwide.	Systemwide	Project Development	\$117	\$24						\$141
			Final Design	\$260	\$161						\$421
			Construction	\$3,300	\$463						\$3,764
			Design/Build								\$0
<b>40041</b>	<b>SR 924 ORT System Replacement</b>										<b>\$2,892</b>
	SR 924 ORT System Replacement	SR 826 to NW 27th Avenue	Project Development								\$0
			Final Design								\$0
			Construction								\$0
			Design/Build				\$1,851	\$1,041			\$2,892
<b>40042</b>	<b>SR 878 ORT System Replacement</b>										<b>\$2,346</b>
	SR 878 ORT System Replacement	US-1 to SR 874	Project Development								\$0
			Final Design								\$0
			Construction								\$0
			Design/Build				\$1,501	\$844			\$2,346
<b>40043</b>	<b>SR 874 ORT System Replacement</b>										<b>\$4,943</b>
	SR 874 ORT System Replacement	Homestead Extension of Florida's Turnpike SR 826	Project Development								\$0
			Final Design								\$0
			Construction								\$0
			Design/Build				\$3,163	\$1,779			\$4,943
<b>40044</b>	<b>SR 924 Drainage Improvements at NW 32nd Avenue</b>										<b>\$753</b>
	Upgrade the SR 924 drainage infrastructure at NW 32nd Avenue.	NW 32 Avenue to NW 32 Avenue	Project Development								\$0
			Final Design		\$84	\$45					\$129
			Construction			\$624					\$624
			Design/Build								\$0
			Contingency Cost			\$250				\$250	
<b>CAPITAL IMPROVEMENT PROGRAM TOTALS</b>				<b>\$7,985</b>	<b>\$3,132</b>	<b>\$1,109</b>	<b>\$6,515</b>	<b>\$3,665</b>	<b>\$0</b>	<b>\$0</b>	<b>\$22,406.86</b>

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RENEWAL AND REPLACEMENT PROGRAM

Project Number	Project Name		Phase	Expenditures Thru FY13	Projected FY14 Budget	FY15 THRU FY19 (\$000s)					Total Project Budget
	Description	Project Limits				FY15	FY16	FY17	FY18	FY19	
<b>30021</b>	<b>Systemwide Pavement Rehabilitation</b>										<b>\$4,774</b>
	Pavement rehabilitation on SR 836 & SR 924 to include pavement evaluation, identification and prioritization of repairs as part of the R&R program.	SR 836 / SR 924	Project Development	\$110							\$110
			Final Design	\$556	\$6						\$562
			Construction	\$4,102							\$4,102
			Design/Build								\$0
<b>30024</b>	<b>Systemwide Facilities Upgrades</b>										<b>\$2,374</b>
	Systemwide facilities upgrade to include HVAC and miscellaneous upgrades at the MDX Headquarters building.	Systemwide	Project Development	\$97	\$30						\$127
			Final Design	\$22	\$78						\$100
			Construction	\$400		\$1,746					\$2,146
			Design/Build								\$0
<b>30026</b>	<b>SR 836 Drainage Trough Replacement from NW 57th Ave. to I-95</b>										<b>\$183</b>
	Drainage trough replacement at isolated locations along the SR 836 corridor from NW 57th Avenue to I-95.	NW 57th Avenue to I-95	Project Development								\$0
			Final Design	\$173	\$6						\$180
			Construction	\$3							\$3
			Design/Build								\$0
<b>30028</b>	<b>SR 836 Bridge Rehabilitation from NW 57 Ave. to I-95</b>										<b>\$330</b>
	Perform structural improvements to bridges along the SR 836 corridor from NW 57th Avenue to I-95.	NW 11th Street to I-95	Project Development	\$6							\$6
			Final Design	\$158	\$6						\$164
			Construction	\$160							\$160
			Design/Build								\$0
<b>30029</b>	<b>Systemwide Bridge Rehabilitation and Joint Repairs</b>										<b>\$5,878</b>
	Perform bridge rehabilitation and joint repairs systemwide per the Long-Range R&R Program.	Systemwide	Project Development	\$125	\$75						\$200
			Final Design	\$304	\$73	\$27					\$404
			Construction	\$472		\$4,322	\$480				\$5,274
			Design/Build								\$0
<b>30030</b>	<b>SR 112 Milling, Resurfacing and Misc. Upgrades from NW 21st Street to NW 27th Avenue</b>										<b>\$6,259</b>
	Perform milling and resurfacing along SR 112 mainline and ramps from NW 21st Street to NW 27th Avenue; provide pavement markings, perform sign inventory and upgrade to latest standards, upgrade lighting, perform minor drainage work and develop RRR Report.	NW 21st Street to NW 27th Avenue	Project Development	\$113	\$0						\$113
			Final Design	\$563	\$3						\$566
			Construction	\$12	\$5,066	\$501					\$5,579
			Design/Build								\$0
<b>30031</b>	<b>SR 112 Milling, Resurfacing and Misc. Upgrades from NW 27th Avenue to 12th Avenue</b>										<b>\$6,025</b>
	Perform milling and resurfacing along SR 112 mainline and ramps from NW 27th Avenue to 12th Avenue; provide pavement markings, perform sign inventory and upgrade to latest standards, upgrade lighting, perform minor drainage work and develop RRR Report.	NW 27th Avenue to 12th Avenue	Project Development	\$101	\$0						\$101
			Final Design	\$544	\$0						\$544
			Construction	\$16	\$3,916	\$1,448					\$5,379
			Design/Build								\$0
<b>30033</b>	<b>Systemwide Pavement Markings Rehabilitation (Phase II)</b>										<b>\$815</b>
	Systemwide improvements including installation and replacement of Roadway Pavement Markings (RPM), thermoplastic pavement markings, audible and vibratory pavement markings, rumble strips and high performance tape. Funding includes improvements recommended in FY 2013 to FY 2015 of the Long-Range R&R Program.	Systemwide	Project Development		\$34						\$34
			Final Design		\$85						\$85
			Construction			\$625	\$71				\$696
			Design/Build								\$0
<b>30034</b>	<b>SR 924 Milling &amp; Resurfacing from SR 826 to MM 1.2</b>										<b>\$1,302</b>
	Milling and Resurfacing of SR 924 from SR 826 to Mile Marker 1.2 per the Long-Range R&R Program.	SR 826 to MM 1.2	Project Development								\$81
			Final Design			\$117					\$117
			Construction				\$1,104				\$1,104
			Design/Build								\$0

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RENEWAL AND REPLACEMENT PROGRAM

Project Number	Project Name		Phase	Expenditures Thru FY13	Projected FY14 Budget	FY15 THRU FY19 (\$000s)					Total Project Budget
	Description	Project Limits				FY15	FY16	FY17	FY18	FY19	
<b>30035</b>	<b>SR 924 Light Pole Removal / Installation</b>										<b>\$140</b>
	Removal and installation of light poles on SR 924 at the Ljeune / Douglas Connector Interchange per the Long-Range R&R Program.	SR 924	Project Development	\$1	\$4						\$5
			Final Design		\$20						\$20
			Construction		\$84	\$31					\$115
			Design/Build								\$0
<b>30036</b>	<b>SR 836 Overhead Signature Gantries &amp; Sign Structure Coating</b>										<b>\$1,101</b>
	Coating of overhead signature structures on SR 836 per the Long-Range R&R Program.	137th Ave to NW 87th Avenue	Project Development	\$18	\$44						\$63
			Final Design								\$0
			Construction								\$0
			Design/Build			\$945	\$93				\$1,039
<b>30037</b>	<b>Systemwide Class V Coating (Phase I)</b>										<b>\$2,805</b>
	Class V Coating of bridges, noise walls, and barrier walls system-wide per the Long-Range R&R Program.	Systemwide	Project Development		\$72						\$72
			Final Design		\$80	\$240					\$320
			Construction			\$1,560	\$853				\$2,413
			Design/Build								\$0
<b>30038</b>	<b>Systemwide Pavement Markings Rehabilitation (Phase III)</b>										<b>\$1,167</b>
	Systemwide improvements including installation and replacement of Roadway Pavement Markings (RPM), thermoplastic pavement markings, audible and vibratory pavement markings, rumble strips and high performance tape. Funding includes improvements recommended in FY 2017 of the Long-Range R&R Program.	Systemwide	Project Development					\$31	\$31		\$63
			Final Design						\$86		\$86
			Construction					\$926	\$93		\$1,019
			Design/Build								\$0
<b>30039</b>	<b>Systemwide Class V Coating (Phase II)</b>										<b>\$4,138</b>
	Class V Coating of bridges noise walls and barrier walls system-wide in FY 2017 per the Long-Range R&R Program.	Systemwide	Project Development				\$142				\$142
			Final Design				\$130	\$318			\$448
			Construction					\$3,225	\$323		\$3,548
			Design/Build								\$0
<b>30040</b>	<b>HVAC Replacement at 97th Avenue and 137th Avenue Tolling Points</b>										<b>\$221</b>
	HVAC Replacement at 97th Avenue and 137th Avenue Tolling Points	SR 836 to 97th & 137th Avenue	Project Development					\$13			\$13
			Final Design					\$22			\$22
			Construction					\$169	\$17		\$186
			Design/Build								\$0
<b>30041</b>	<b>Systemwide Lighting Upgrades</b>										<b>\$880</b>
	Systemwide Lighting Upgrades per the Long-Range R&R Program.	Systemwide	Project Development					\$34			\$34
			Final Design					\$90			\$90
			Construction					\$687	\$69		\$756
			Design/Build								\$0
			Contingency Cost			\$750					\$750
<b>RENEWAL AND REPLACEMENT PROGRAM TOTALS</b>				<b>\$8,057</b>	<b>\$9,682</b>	<b>\$12,394</b>	<b>\$2,873</b>	<b>\$4,590</b>	<b>\$1,452</b>	<b>\$93</b>	<b>\$39,140.67</b>