

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

FISCAL YEAR 2011-2015

**RENEWAL AND REPLACEMENT PROGRAM**



Project Number	Project Name		Phase	Expenditures Thru FY09	Projected FY10 Budget	FY11 THROUGH FY15 (\$000s)					Total Project Budget
	Description	Project Limits				FY11	FY12	FY13	FY14	FY15	
<b>30016</b>	<b>Systemwide Bridge Repairs (Phase III)</b>										
	Replacement of bridge joints on bridges that have been identified in the Bridge Inspection Report.	Systemwide	Project Development								\$0
			Final Design	\$28	\$5						\$33
			Construction	\$708	\$493						\$1,202
			Design/Build								\$0
<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	\$107							\$107
			Final Design		\$33						\$33
			Right-of-Way								\$0
			Construction	\$923	\$725						\$1,648
			Design/Build							\$0	
<b>30019</b>	<b>Non-Routine Bridge Repairs</b>										
	Repair and rehabilitation of MDX bridge structures.	Systemwide	Project Development								\$0
			Final Design	\$37	\$79						\$115
			Construction	\$333	\$701						\$1,034
			Design/Build								\$0
<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	\$698	\$344	\$172					\$1,214
			Final Design								\$0
			Construction								\$0
			Design/Build								\$0
<b>30021</b>	<b>Systemwide Pavement Rehabilitation</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	Project Development	\$104	\$122						\$226
			Final Design	\$295	\$308	\$34					\$638
			Construction	\$2,720	\$2,870	\$1,615					\$7,205
			Design/Build								\$0
<b>30022</b>	<b>Systemwide Re-Striping &amp; RPM Replacement</b>										
	Systemwide re-striping & replacement of RPM and striping tape.	Systemwide	Project Development	\$10							\$10
			Final Design								\$0
			Construction	\$481	\$93						\$574
			Design/Build								\$0
<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							\$8
			Final Design								\$0
			Construction	\$558	\$562	\$1,320					\$2,440
			Design/Build								\$0
<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	\$61	\$51						\$112
			Final Design		\$140						\$140
			Construction	\$10	\$506	\$1,517					\$2,033
			Design/Build								\$0

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<b>30026</b>	<b>SR 836 Drainage Trough Replacement from NW 57th Ave. to I-95.</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		\$49							\$49	
			Final Design		\$197							\$197	
			Construction				\$2,815						\$2,815
			Design/Build										\$0
<b>30027</b>	<b>SR 836 Milling, Resurfacing and Misc. Upgrades from NW 57 to I-95</b>												
	Perform milling and resurfacing along SR 836 mainline and ramps from NW 57th Avenue to I-95; provide pavement markings, perform sign inventory and upgrade to standards, and perform minor drainage work.	NW 57th Avenue to I-95	Project Development				\$54					\$54	
			Final Design				\$86	\$86				\$171	
			Construction	\$24					\$2,055				\$2,079
			Design/Build										\$0
<b>30028</b>	<b>SR 836 Bridge Rehabilitation from NW 57 Ave. to I-95</b>												
	Perform structural improvements to bridges along the SR 836 corridor from NW 57th Avenue to I-95.	NW 57th Avenue to I-95	Project Development		\$24	\$9						\$33	
			Final Design			\$115	\$11					\$126	
			Construction					\$1,303				\$1,303	
			Design/Build										\$0
<b>30029</b>	<b>SR 112 Bridge Rehabilitation from NW 21 Street to I-95</b>												
	Perform structural improvements to bridges along the SR 112 corridor from NW 21st Street to I-95.	NW 21st Street to I-95	Project Development	\$38	\$78							\$116	
			Final Design		\$287	\$106						\$393	
			Construction		\$682	\$2,997	\$364					\$4,043	
			Design/Build										\$0
<b>30030</b>	<b>SR 112 Milling, Resurfacing and Misc. Upgrades from NW 21st Street to NW 27th A</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 Ave.	Project Development	\$20	\$114							\$135	
			Final Design		\$345	\$128						\$473	
			Construction			\$1,582	\$2,972	\$240				\$4,794	
			Design/Build										\$0
<b>30031</b>	<b>SR 112 Milling, Resurfacing and Misc. Upgrades from NW 27 Ave. to 12th Avenue</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	\$15	\$93							\$107	
			Final Design		\$166	\$179						\$345	
			Construction			\$1,687	\$1,828					\$3,515	
			Design/Build										\$0
<b>30032</b>	<b>Systemwide Pavement Markings Rehabilitation (FY 2011 - 2012)</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 required in FY 2011 to FY 2012.	Systemwide	Project Development			\$74						\$74	
			Final Design			\$142						\$142	
			Construction			\$304	\$1,383					\$1,687	
			Design/Build										\$0
<b>30033</b>	<b>Systemwide Pavement Markings Rehabilitation (FY 2013 - 2015)</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 required in FY 2013 to FY 2015.	Systemwide	Project Development				\$42					\$42	
			Final Design				\$22	\$40	\$3			\$65	
			Construction					\$529	\$196			\$724	
			Design/Build										\$0
				<b>Contingency Cost</b>	<b>\$0</b>	<b>\$200</b>						<b>\$200</b>	
<b>RENEWAL AND REPLACEMENT PROGRAM TOTALS</b>					<b>\$7,178</b>	<b>\$9,066</b>	<b>\$14,996</b>	<b>\$8,001</b>	<b>\$2,444</b>	<b>\$569</b>	<b>\$199</b>	<b>\$42,452</b>	