



Fiscal Years 2022-2026 Work Program

MIAMI-DADE EXPRESSWAY AUTHORITY

Fiscal Years 2022-2026 Work Program

Miami-Dade County Expressway Authority

The Expressway Authority System

The Miami-Dade County Expressway Authority was given powers to acquire, hold, construct, improve, maintain, operate, own and lease an expressway system located in Miami-Dade County. The Authority's System includes five (5) of the busiest and most important State Roads in Miami-Dade County: Airport Expressway (SR 112); Dolphin Expressway (SR 836); Don Shula Expressway (SR 874); Snapper Creek Expressway (SR 878); Gratigny Parkway (SR 924) as well as NW 138th Street from US-27 to just east of NW 97th Avenue and the LeJeune Frontage Roads from SR 836 to Central Boulevard.

FY 2022-2026 Work Program

The Five-Year Work Program identifies and prioritizes projects that the Authority anticipates funding during the next five years. Funding for these projects may be total or partial depending on the phase of the project and the availability of funds. As such, changes are made on an annual basis as priorities are re-evaluated, projects are completed, new projects are identified, and the financial capabilities of the Authority evolve. The Five-Year Work Program is an important tool used by the Authority to effectively manage its program of System safety, preservation, expansion and improvements.

The FY 2022-2026 Work Program includes 21 projects with a total project cost of \$961.3 million of which \$635.0 million or 66.1% of the total cost has been previously spent through FY 2021, and \$326.2 million or 33.9% is budgeted within FY 2022-2026. Additionally, there are \$256.8 million beyond FY 2026 in Renewal & Replacement projects that are required per the Trust Indenture to keep the Authority's system in good condition, as well as over \$1.5 billion in unfunded needs for long-range mobility projects.

The basis for the Five-Year Work Program is the Authority's Long-Range Master Transportation Plan (LRMTP) which includes projects of regional significance that the Authority is examining for future implementation. On an annual basis, the Authority evaluates the financial feasibility of projects in the LRMTP. Those that are financially feasible are incorporated into the Five-Year Work Program, and those that are not yet deemed feasible remain in the LRMTP. The number of projects or phases of projects added to the Five-Year Work Program is contingent upon the Authority's ability to fund them while maintaining existing programs.

Programs Overview

The Five-Year Work Program consists of three aspects of infrastructure construction:

- Five-Year Transportation Improvement Program (TIP) which includes expansion of, as well as capacity improvements to, the Authority's highway system, planning projects geared towards improving mobility in Miami-Dade County and implementation of Intelligent Transportation and Open Road Toll Collection Systems.
- Five-Year Capital Improvement Program (CIP) which includes improvements that are not primarily capacity expansion such as operational improvements and safety projects.
- Five-Year Renewal and Replacement Program (R&R) which includes budget for comprehensive system maintenance or repairs not recurring annually and renewals and replacements; repairs or replacements resulting from an emergency caused by some unforeseen or extraordinary occurrence; and all or any part of any System Improvement.

Program Priorities

The Authority's first priority is to provide safe roadways. To that end the Authority has a systematic safety program to identify locations in the system that may be deficient, and to include in its Five-Year Work Program safety projects aimed to reduce the number of traffic crashes and injuries on its system. Safety components are also included on every project.

The second priority is to preserve the roadways and bridges in good condition. For this purpose, the Authority annually funds a series of renewal and replacement projects that include resurfacing of the roadway and other non-routine repairs.

Once safety and system preservation projects have been funded, the Authority funds mobility improvement projects. These reduce congestion by adding capacity to the existing roadways through the construction of new lanes or by expanding its current expressway network.

Funding Overview

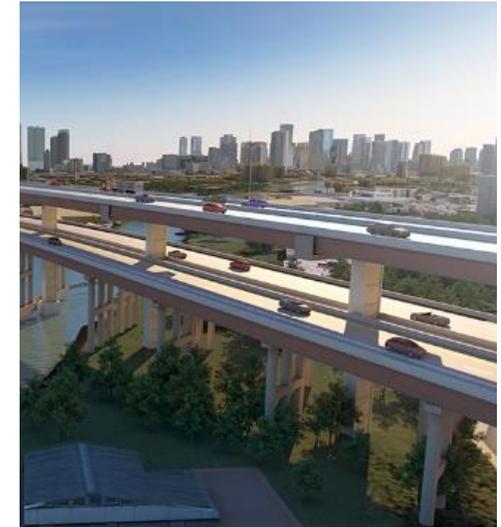
The Authority's primary source of revenue is the tolls collected on its five expressways which are reinvested in Miami-Dade County to improve mobility and offer transportation choices within the county. The Authority borrows money to fund its projects by selling bonds and

uses the toll revenues as collateral. Like a mortgage loan where collateral is offered to the bank to secure the loan until fully paid, the Authority offers the projected revenues as assurance that the bond’s principal and interest will be paid. The Authority does not receive any gas tax, property tax, sales tax or any other source of revenue. No debt issuance is planned for this work program.

Major Project Overview

Project 83611 – SR 836/I-95 Interchange Improvements

The Authority has partnered with FDOT to acquire right-of-way, design and build the SR 836 improvements from NW 17th Avenue to I-95 in conjunction with the I-95/I-395 project. Improvements to SR 836 from NW 17th Avenue to I-95 including widening and operational improvements to SR 836 eastbound and westbound, and a new viaduct consisting of an elevated 4 lane structure to bypass traffic on the lower level and improve mobility to and from Downtown and Miami Beach. The project will improve access to the Health District by providing improved connections to the area from I-95 and SR 836. The design-build contract was executed in July 2018 and completion is anticipated by FY 2024. Total cost for the Authority’s project is estimated at \$244.0 million.



Project 83618 – SR 836 Southwest Extension/Kendall Parkway

This 14-mile multimodal corridor will extend SR 836 from NW 137th Avenue to SW 136th Street and provide the residents in the western portion of the County another transportation option. The project is envisioned to include: Express bus service and park & ride facilities in the vicinity

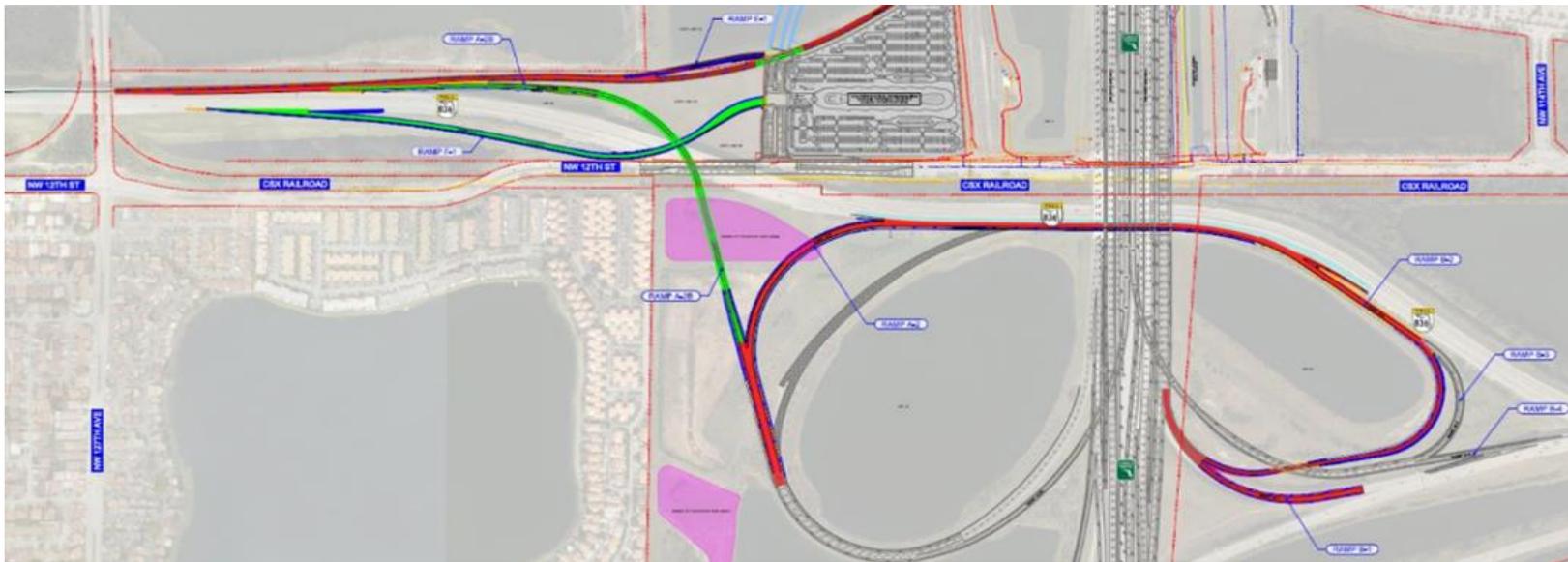


of SW 88th Street and SW 136th Street; a multi-use recreational trail for walking and biking; 1,000 acres of land to be preserved in its natural state in perpetuity; widening of the existing SR 836 Extension from NW 137th Avenue to the Florida’s Turnpike. The improvements to local streets and portions of ramp connections will be a contribution to Miami-Dade County. This work program provides for coordination of the environmental permitting, right-of-way transfer of government parcels, right-of-way acquisition from willing sellers and the advancements of roadway improvement projects within the first segment of the project such as the widening of 137th

Avenue from SW 8th Street to SW 26th Street as well as the widening of EB SR 836 from 107th Avenue to 97th Avenue. The final design and construction start dates for the remaining components of the project are yet to be determined pending funding availability. Total cost is estimated at over \$1 billion.

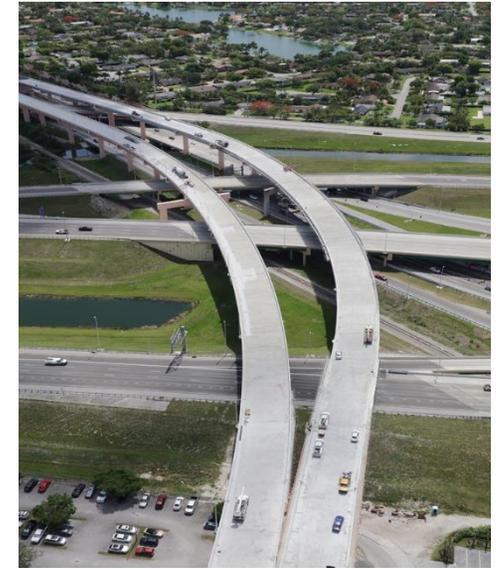
Project 83634 – SR 836 New Homestead Extension of Florida’s Turnpike (HEFT) Ramp Connections

This project consists of new ramps from eastbound SR 836 to northbound HEFT and southbound HEFT to westbound SR 836. Additionally, the southbound HEFT Express Lanes to westbound SR 836 ramp bridge, which is funded by Florida’s Turnpike Enterprise (FTE), to provide direct access to westbound SR 836 for future FTE southbound Express Lane users is included. These ramps were originally contemplated to be part of the Authority’s SR 836 Southwest Extension (83618) project which is currently in the right-of-way acquisition and permitting phase. In light of the Florida’s Turnpike Enterprise (FTE) advancing the construction of their project to alter the current interchange and HEFT mainline configuration, the Authority has prioritized the ramps portion of this Project. This allows the Authority to work with FTE on a unified interchange project that will yield significant efficiencies and eliminate future throwaway costs. Total cost is estimated at \$74.1 million, where the Authority’s portion of the project is \$53.8 million and FTE’s \$20.3 million for construction of their bridge. The project is currently under procurement with an anticipated design-build start of February 2022. This work program assumes FTE will pre-fund the cost of their project.



Project 87410 – SR 874 Ramp Connector to SW 128th Street

The new access ramp connection from the southern terminus of SR 874 to SW 128th Street has been substantially completed and is open to traffic. This new ramp provides expressway access to the growing southwest Miami-Dade communities, previously only serviced by access to and from Florida’s Turnpike, through the SW 120th Street and the SW 152nd Street ramps. The Authority also widened SW 128th Street from two to five lanes with two through lanes in each direction and a continuous turn lane in the median from SW 137th Avenue to SW 122nd Avenue as a contribution to Miami-Dade County. A portion of this project was constructed by the Florida’s Turnpike Enterprise under an interagency agreement with the Authority as part of a larger project to widen the HEFT and reconstruct the HEFT/SR 874 Interchange to yield efficiencies and eliminate future throwaway costs. This project also included the widening of SW 127th Avenue from SW 128th Street to SW 124th Street funded by Miami-Dade County as well as the widening of Northbound SR 874 south of Killian Parkway (SW 104th Street) to provide three continuous lanes in the northbound direction. Total cost of the project is estimated at \$114.5 million including the Miami-Dade County project.



SR 874 NORTHBOUND/SOUTHBOUND
CONNECTOR BRIDGES TO SR 874

Project 92404 – SR 924 Extension West to the Homestead Extension of the Florida’s Turnpike (HEFT)

The Authority has completed the PD&E study for the 2.3-mile expressway extension of SR 924 west to the HEFT. Due to legislation affecting the Authority this project has been halted. Only minimal budget remains in the next five years to coordinate the construction of substructure in critical areas which will be procured and managed by FTE as part of their larger project. The improvements on NW 107th Avenue under Interlocal Agreement with City of Hialeah and City of Hialeah Gardens are to be funded and constructed by Miami-Dade County. The total funded for this project is \$36.7 million.

REFER TO THE FOLLOWING PAGES FOR ESTIMATED COST BY PROJECT PHASE AS WELL AS ESTIMATED SCHEDULE.

FY 2022-2026 WORK PROGRAM

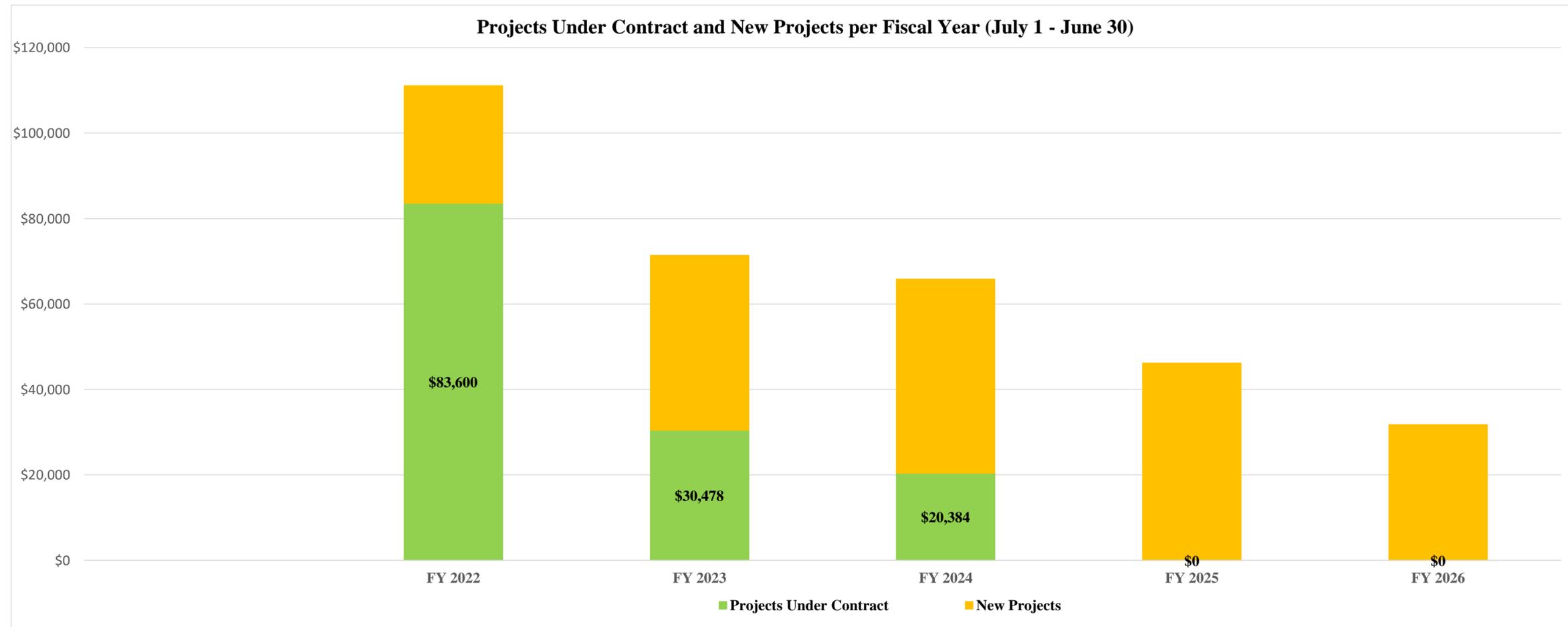
Date prepared: 9/16/2021



	Program Name	Expenditures Thru FY20	Projected Expenditures for FY 2021	Programmed in 5-Year (\$000's)					Total Project Cost
				FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
TIP	Transportation Improvement Program	\$561,426	\$57,365	\$101,645	\$61,777	\$61,457	\$34,390	\$22,817	\$900,877
R&R	Renewal and Replacement Program	\$1,877	\$177	\$4,049	\$9,082	\$4,351	\$11,791	\$8,946	\$40,273
CIP	Capital Improvement Program	\$14,053	\$128	\$5,430	\$504	\$0	\$0	\$0	\$20,115
PROGRAM TOTALS		\$577,356	\$57,671	\$111,123	\$71,362	\$65,808	\$46,181	\$31,764	\$961,265

Total Project Cost **\$326,238**

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Projects Under Contract	\$83,600	\$30,478	\$20,384	\$0	\$0	\$ 134,462
New Projects	\$27,523	\$40,884	\$45,424	\$46,181	\$31,764	\$ 191,776



MIAMI-DADE COUNTY EXPRESSWAY AUTHORITY

FISCAL YEARS 2022-2026

PROGRAM NEEDS

TRANSPORTATION IMPROVEMENT PROGRAM

Project Number	Project Name		Phase	Expenditures Thru FY20	Projected FY21 Expenditures	FY22 THRU FY26 (\$000s)					Remaining	Total Project Cost	
	Description	Project Limits				FY22	FY23	FY24	FY25	FY26			
11212-000	SR 112 Ramp Improvements at NW 37th Avenue										\$0	\$833	
	New partial interchange at SR 112 and NW 37th Avenue. New movements include eastbound on-ramp at NW 37th Avenue as well as a westbound off-ramp at NW 37th Avenue. Completion of PD&E, Right-Of-Way and Design-Build not funded.	SR 112 at NW 37th Avenue	Project Development	\$642	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$642	
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Right-of-Way	\$174	\$17	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$191
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
83611-001	SR 836 / I-95 Interchange Improvements										\$0	\$243,181	
	Improvements to SR 836 from NW 17th Avenue to I-95 including widening and operational improvements to SR 836 eastbound from NW 17th Avenue to I-95 Interchange, double decking of the SR 836 bridges over the Miami River and improvements to the SR 836 westbound mainline and a new connector serving southbound I-95 traffic destined westbound on SR 836 and to the Civic Center.	NW 17th Avenue to I-95	Project Development	\$7,627	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,627	
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Right-of-Way	\$5,221	\$165	\$707	\$0	\$0	\$0	\$0	\$0	\$0	\$6,093
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Design/Build	\$82,159	\$36,822	\$59,656	\$30,440	\$20,384	\$0	\$0	\$0	\$0	\$229,461
83611-002	ORT Component for the SR 836 / I-95 Interchange Improvements										\$0	\$917	
	Toll equipment modification, reinstallation of pavement and ORT loop at westbound off ramp to NW 12th Avenue.	SR 836 at NW 12th Avenue	Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Design/Build	\$30	\$46	\$840	\$0	\$0	\$0	\$0	\$0	\$0	\$917
83618-001	SR 836 SW Extension / Kendall Parkway Project Development & Right-Of-Way										\$0	\$111,421	
	Project development, permit coordination and right-of-way acquisition for the SR 836 Southwest Extension/Kendall Parkway. Includes the development of a Master Plan, completion of PD&E, development of preliminary engineering (30% plans), preparation of procurement packages and acquisition of right-of-way required for all components of the project.	NW 137th Avenue to SW 136th Street	Project Development	\$22,185	\$938	\$2,550	\$900	\$572	\$0	\$0	\$0	\$27,144	
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Right-of-Way	\$13,575	\$150	\$8,538	\$0	\$7,382	\$31,815	\$22,817	\$0	\$0	\$84,277
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
83618-007	SR 836 EB Widening from 107th Ave to 97th Ave										\$0	\$8,245	
	Construction of additional lane on SR 836 mainline from west of 107th Avenue to about 97th Avenue to harmonize with existing.	NW 137th Avenue to NW 97th Avenue	Project Development	\$0	\$0	\$817	\$39	\$0	\$0	\$0	\$0	\$856	
			Final Design	\$0	\$0	\$0	\$496	\$13	\$0	\$0	\$0	\$509	
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Construction	\$0	\$0	\$0	\$0	\$5,449	\$1,432	\$0	\$0	\$0	\$6,880
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
83618-009	Widening of SW 137th from SW 8th Street to SW 26th Street										\$0	\$8,071	
	Design and construction of the widening of SW 137th Avenue between SW 8th Street and SW 26th Street from four to six lanes. MDX will finance, procure, and manage the construction of the roadway improvements as a contributory asset to Miami-Dade County.	SW 8th Street to SW 26th Street	Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Final Design	\$0	\$0	\$655	\$47	\$16	\$0	\$0	\$0	\$717	
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Construction	\$0	\$0	\$0	\$0	\$6,650	\$703	\$0	\$0	\$0	\$7,353
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
83628-000	SR 836 Operational, Capacity and Interchange Improvements										\$0	\$195,161	
	New SR 836 Eastbound Auxiliary Lane from NW 57th Avenue to Le Jeune Road; SR 836 Eastbound additional lane from Le Jeune Road to NW 27th Avenue; SR 836 Westbound additional lane from 17th Avenue to 57th Avenue and improvements to the interchanges at NW 57th Avenue, Le Jeune Road, NW 27th Avenue and NW 17th Avenue. It provides the infrastructure necessary to implement the MDX SR 836 Express Transit Service in support of the Miami-Dade County's SMART Plan.	NW 57th Avenue to NW 17th Avenue	Project Development	\$6,227	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,227	
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Right-of-Way	\$5,687	-\$63	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,624
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Design/Build	\$182,943	\$367	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$183,310
83629-001	SR 836 Interchange Modifications at 87th Avenue										\$0	\$99,358	
	Reconstruction of the NW 87th Avenue Interchange and SR 836 Mainline to 500 feet west of NW 82nd Avenue. Project includes the reconstruction of NW 82nd Avenue from NW 7th Street to NW 12th Street for direct connection beneath SR 836 as a contributory asset to Miami-Dade County. It also includes the construction of NW 7th Street from 76th Avenue to 79th Avenue for direct connection beneath SR 826, and the Midway pump station to be fully funded by Miami-Dade County under ILA-MDC-FY19-03.	SR 836 West of 82nd Avenue to NW 97th Avenue	Project Development	\$717	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$717	
			Final Design	\$8,564	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,564
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Construction	\$89,056	\$1,021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,077
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

MIAMI-DADE COUNTY EXPRESSWAY AUTHORITY

FISCAL YEARS 2022-2026

PROGRAM NEEDS

TRANSPORTATION IMPROVEMENT PROGRAM

Project Number	Project Name		Phase	Expenditures Thru FY20	Projected FY21 Expenditures	FY22 THRU FY26 (\$000s)					Remaining	Total Project Cost	
	Description	Project Limits				FY22	FY23	FY24	FY25	FY26			
83634-001	SR 836 New HEFT Ramp Connections										\$0	\$53,794	
	New connections from SR 836 to the Homestead Extension of the Florida's Turnpike (HEFT) including eastbound SR 836 to northbound HEFT general purpose lanes, and southbound HEFT general purpose lanes to westbound SR 836 as well as ramps to and from the Dolphin Station Park and Ride Lot.	SR 836 to Homestead Extension of Florida's Turnpike	Project Development	\$898	\$57	\$274	\$0	\$0	\$0	\$0	\$0	\$1,229	
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Design/Build	\$0	\$0	\$6,325	\$28,810	\$16,991	\$440	\$0	\$0	\$0	\$52,566
83634-002	SR 836 New HEFT Ramp Connections - FTE Bridge (ILA-FTE-FY17-03)										\$0	\$0	
	Third level bridge for FTE's southbound HEFT to westbound SR 836.	SR 836 to Homestead Extension of Florida's Turnpike	Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
87410-001	SR 874 Ramp Connector to SW 128th Street										\$0	\$114,079	
	New connection from SR 874 to SW 128th Street. Includes reconstruction of SW 127th Avenue between SW 130th Street and SW 124th Street funded by Miami-Dade County under ILA-MDC-FY17-01 as well as improvements to SW 128th Street west of the HEFT which will be a contributory asset to Miami-Dade County.	SW 128th Street to SR 874	Project Development	\$4,418	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,418	
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Right-of-Way	\$16,104	\$519	\$8,624	\$0	\$0	\$0	\$0	\$0	\$25,247	
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Design/Build	\$56,807	\$16,633	\$10,974	\$0	\$0	\$0	\$0	\$0	\$84,414	
87410-002	SW 127th Ave Extension to SW 124th Street (ILA-MDC-FY17-01)										\$0	\$459	
	Widening of SW 127th Avenue from SW 128th Street to SW 124th Street funded by Miami-Dade County.	SW 128th Street to SR 874	Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Design/Build	\$136	\$285	\$38	\$0	\$0	\$0	\$0	\$0	\$459	
92404-001	SR 924 Extension West to the Homestead Extension of the Florida Turnpike										\$0	\$36,676	
	Expressway extension from SR 924 west to the Homestead Extension of the Florida's Turnpike (HEFT). Segment 1 - 107th Ave. to HEFT including feasibility analysis for a potential ramp at 87th Ave., Segment 2 - 97th Ave. to 107th Ave., and Segment 3 - 97th Ave. to SR 826. This work program includes funding for Design-Build of Segment 1 and Segment 2.	Homestead Extension of Florida's Turnpike to Existing SR 924	Project Development	\$7,580	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,580	
			Final Design	\$3,191	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,191	
			Right-of-Way	\$8,238	\$79	\$627	\$1,024	\$0	\$0	\$0	\$0	\$9,967	
			Construction	\$11,797	\$97	\$21	\$21	\$4,001	\$0	\$0	\$0	\$15,937	
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
10017	SR 836 Toll System Conversion										\$0	\$24,212	
	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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Design/Build	\$23,980	\$232	\$0	\$0	\$0	\$0	\$0	\$0	\$24,212	
	Contingency Cost					\$1,000						\$1,000	
TRANSPORTATION IMPROVEMENT PROGRAM TOTALS (FUNDED)				\$561,426	\$57,365	\$101,645	\$61,777	\$61,457	\$34,390	\$22,817	\$0	\$900,877	

TOTAL TIP FY 2022-2026	\$ 282,086
TOTAL TIP THROUGH FY 2040	\$ 900,877

MIAMI-DADE COUNTY EXPRESSWAY AUTHORITY

FISCAL YEARS 2022-2026

PROGRAM NEEDS

RENEWAL REPLACEMENT PROGRAM

Project Number	Project Name		Phase	Expenditures Thru FY20	Projected FY21 Expenditures	FY22 THRU FY26 (\$000s)					Total Project Cost
	Description	Project Limits				FY22	FY23	FY24	FY25	FY26	
30029-000	Systemwide Bridge Rehabilitation and Joint Repairs										\$4,126
	Perform bridge rehabilitation and joint repairs systemwide per the Long-Range R&R Program.	Systemwide	Project Development	\$185	\$0	\$0	\$0	\$0	\$0	\$0	\$185
			Final Design	\$625	\$37	\$20	\$0	\$0	\$0	\$0	\$682
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$481	\$0	\$2,741	\$38	\$0	\$0	\$0	\$3,260
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30033-000	Systemwide Pavement Markings Rehabilitation (Phase II)										\$3,145
	Systemwide improvements including installation and replacement of Raised Pavement Markers (RPM), thermoplastic pavement markings, audible and vibratory pavement markings, rumble strips and high performance tape.	Systemwide	Project Development	\$7	\$0	\$63	\$0	\$0	\$0	\$0	\$71
			Final Design	\$0	\$0	\$207	\$48	\$0	\$0	\$0	\$255
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$0	\$0	\$0	\$2,778	\$41	\$0	\$0	\$2,819
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30037-000	Systemwide Class V Coating										\$14,513
	Class V Coating of bridges, noise walls, and barrier walls system-wide in order to maintain the system in good condition.	Systemwide	Project Development	\$65	\$0	\$0	\$0	\$0	\$0	\$0	\$65
			Final Design	\$124	\$0	\$0	\$0	\$278	\$79	\$0	\$480
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$0	\$0	\$0	\$0	\$0	\$6,513	\$7,455	\$13,968
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30041-000	SR 878 LED Roadway Lighting										\$5,806
	SR 878 Lighting Upgrades per the Long-Range R&R Program.	Systemwide	Project Development	\$71	\$0	\$109	\$0	\$0	\$0	\$0	\$180
			Final Design	\$0	\$0	\$404	\$57	\$0	\$0	\$0	\$461
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$3	\$0	\$0	\$4,480	\$683	\$0	\$0	\$5,165
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30043-000	Systemwide ORT Gantries & Signature Structures Painting										\$4,651
	Systemwide ORT Gantries & Signature Structures Painting per the Long-Range R&R Program.	Systemwide	Project Development	\$47	\$0	\$0	\$0	\$28	\$9	\$0	\$85
			Final Design	\$0	\$0	\$0	\$0	\$0	\$190	\$0	\$190
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$0	\$0	\$0	\$0	\$0	\$2,885	\$1,491	\$4,376
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30044-000	Systemwide Milling & Resurfacing Program										\$5,342
	Systemwide Milling & Resurfacing per the Long-Range R&R Program.	Systemwide	Project Development	\$0	\$0	\$114	\$46	\$0	\$0	\$0	\$160
			Final Design	\$0	\$0	\$0	\$423	\$9	\$0	\$0	\$432
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$0	\$0	\$0	\$0	\$3,239	\$1,511	\$0	\$4,750
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30047-000	Systemwide Structures Rehabilitation										\$677
	Systemwide Rehabilitation of Structures per the Long-Range R&R Program.	Systemwide	Project Development	\$0	\$0	\$0	\$0	\$25	\$0	\$0	\$25
			Final Design	\$0	\$0	\$0	\$0	\$48	\$8	\$0	\$56
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$0	\$0	\$0	\$0	\$0	\$596	\$0	\$596
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30052-000	MDX Headquarters Roof Replacement										\$279
	MDX Headquarters Roof Replacement per the Long-Range R&R Program.	Headquarters	Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Final Design	\$18	\$0	\$11	\$0	\$0	\$0	\$0	\$29
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$2	\$0	\$248	\$0	\$0	\$0	\$0	\$250
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

MIAMI-DADE COUNTY EXPRESSWAY AUTHORITY

FISCAL YEARS 2022-2026

PROGRAM NEEDS

RENEWAL REPLACEMENT PROGRAM

Project Number	Project Name		Phase	Expenditures Thru FY20	Projected FY21 Expenditures	FY22 THRU FY26 (\$000s)					Total Project Cost		
	Description	Project Limits				FY22	FY23	FY24	FY25	FY26			
30057-000	MDX Headquarters Chiller Replacement											\$389	
	Replacement of chillers at the MDX Headquarter building.	MDX Headquarters	Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$249	\$140	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$389
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30058-000	Systemwide Sign Panel Replacement											\$1,343	
	Replacement of sign panels at various locations as determined by the annual inspection report.	Systemwide	Project Development	\$0	\$0	\$40	\$0	\$0	\$0	\$0	\$0	\$40	
			Final Design	\$0	\$0	\$90	\$18	\$0	\$0	\$0	\$0	\$108	
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Construction	\$0	\$0	\$0	\$1,195	\$0	\$0	\$0	\$0	\$1,195	
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			Contingency Cost									\$0	
RENEWAL AND REPLACEMENT PROGRAM TOTALS (FUNDED)				\$1,877	\$177	\$4,049	\$9,082	\$4,351	\$11,791	\$8,946	\$40,273		

TOTAL FUNDED R&R FY 2022-2026	\$ 38,219
TOTAL FUNDED R&R THROUGH FY 2040	\$ 40,273

MIAMI-DADE COUNTY EXPRESSWAY AUTHORITY

FISCAL YEARS 2022-2026

PROGRAM NEEDS

CAPITAL IMPROVEMENT PROGRAM

Project Number	Project Name		Phase	Expenditures Thru FY20	Projected FY21 Expenditures	FY22 THRU FY26 (\$000s)					Cost Remaining	Total Project Cost
	Description	Project Limits				FY22	FY23	FY24	FY25	FY26		
40041-000	SR 924 ORT System Replacement										\$0	\$3,948
	SR 924 ORT System Replacement	SR 826 to NW 27th Avenue	Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Design/Build	\$3,941	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$3,948
40042-000	SR 878 ORT System Replacement										\$0	\$2,989
	SR 878 ORT System Replacement	SR 874 to U.S. 1	Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Design/Build	\$2,981	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$2,989
40043-000	SR 874 ORT System Replacement										\$0	\$6,575
	SR 874 ORT System Replacement	Homestead Extension of Florida's Turnpike to SR 826	Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Final Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Design/Build	\$6,567	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$6,575
40045-000	Wrong Way Safety Program										\$0	\$3,963
	Installation "Wrong Way - Do Not Enter" and "One-Way" signs, pavement reconfiguration and radar/cameras for wrong way detection at 25 identified locations in the MDX System.	Systemwide	Project Development	\$42	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42
			Final Design	\$99	\$104	\$34	\$0	\$0	\$0	\$0	\$0	\$237
			Construction	\$0	\$0	\$3,483	\$201	\$0	\$0	\$0	\$0	\$3,684
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40051-000	SR 112 Auxiliary Lanes										\$0	\$1,886
	Addition of auxiliary lanes or collector/distributor roads from 27th Avenue to 17th Avenue to improve operations in the area. Right-of-way and Construction deferred beyond FY 2026.	27th Avenue from 17th Avenue	Project Development	\$424	\$0	\$652	\$0	\$0	\$0	\$0	\$0	\$1,076
			Final Design	\$0	\$0	\$507	\$303	\$0	\$0	\$0	\$0	\$810
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40056-000	SR 874 DMS Installation										\$0	\$753
	Installatuon of Dynamic Message Sign on SR 874 mainline.	SR 874	Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Final Design	\$0	\$0	\$18	\$0	\$0	\$0	\$0	\$0	\$18
			Right-of-Way	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Construction	\$0	\$0	\$735	\$0	\$0	\$0	\$0	\$0	\$735
			Design/Build	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			Contingency Cost								\$0	\$0
CAPITAL IMPROVEMENT PROGRAM TOTALS (FUNDED)				\$14,053	\$128	\$5,430	\$504	\$0	\$0	\$0	\$0	\$20,115

TOTAL FUNDED CIP FY 2022-2026	\$ 5,934
TOTAL FUNDED CIP THROUGH FY 2040	\$ 20,115