




MIAMI-DADE TRANSPORTATION PLANNING ORGANIZATION
TRANSPORTATION IMPROVEMENT PROGRAM
AVIATION DEVELOPMENT
(All Projects are at Miami International Airport - MIA and General Aviation Airports)

TPO Project No	Facility/Project Name	Type of Work	L RTP Ref	Project Cost (\$000s)	Prior Years Funding (\$000s)	Construction Year	FDOT Work Program Number	Federal Aid Number		
Agency Project No	Detailed Project Description									
	Status	Remarks/Comments								
AP4385411	MIA TERMINAL E TO F LIFE SAFETY	Life Safety Upgrades	AC-05	\$6,250	\$3,125	2021	438541-1			
4385411	Upgrade life safety equipment to existing Terminal from Cc E to F in order to comply with life safety standards including terminal Life safety gaps.									
	MEP/PSA Executed.	MDAD Project # W064A. MDAD will request reprogramming of funds to another project.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
APAA001A	OPF Taxiways/Apron Rehabilitation and Repairs	Rehabilitate / Repair Pavement	AC-05	\$1,250	\$1,000	2020	444112-1			
AA001A	Pavement rehabilitation and overlay of pavement surfaces of taxiways and apron at OPF. The project supports the objective of preserving airport assets. 2015 FDOT Pavement Report shows PCI of 55 ("Poor") for Aprons and 67 ("Fair") for Taxiways at OPF.									
	Planning				Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
				CONSTRUCTION	DPTO	0	0	0	0	0
				CONSTRUCTION	LF	0	0	0	0	0
APAA054A	MIA Runway 9-27 Rehabilitation	Rehabilitate Runway	AC-05	\$119,616	\$0	2024	PFL0012969			
AA054A	Pavement rehabilitation and reconstruction of MIA Runway 9-27 to include: airfield lighting refurbishments and transformer replacements for the airfield lighting system and navigational aids, movement markings, grooving, and pavement markings.									
	Planning	MDAD will be applying for FAA funding for a portion of the design and construction cost, and will cover any remaining unfunded costs.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
				CONSTRUCTION	DPTO	0	0	0	5,833	0
				CONSTRUCTION	LF	0	0	0	5,833	0


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APAA157A	TMB Replace Pedestrian Gates	Security Enhancements (access control)	AC-05	\$60	\$48	2020	446979-1			
AA157A	Replacement of twenty (20) AOA Pedestrian gates with new improved resistant gate & gate frames. with automatic hydraulic closure mechanism and with push button Cipher locks. The project will enhance the airport safety.									
	Planning	FY 2020 SAFE Funding			Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
APAA157B	X51 Installation of CCTV Cameras	Security Enhancements (access control)	AC-05	\$35	\$28	2020	446980-1			
AA157B	Installation of 3 hard wired CCTV PTZ Cameras at the Airside Operations building to monitor the airfield and main entrance gate. Includes a new pole, running conduit and cat 5 enclosure, surge protectors, grounding, lighting static dissipater, hardware.									
	Planning	FY SAFE Funding			Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
APAA157C	X51 No Trespassing Signage	Install Guidance Signs	AC-05	\$30	\$24	2020	446981-1			
AA157C	Procurement and installation of No Trespassing Signage every 80 feet on the perimeter of the airport and on landside areas, as required per Florida Statute 810. The project will enhance the airport security.									
	Planning	FY 2020 SAFE Funding			Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025


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	Status	Remarks/Comments								
APAA157D	TNT Installation of New Vehicle Main Entrance with Keypad	Security Enhancements (access control)	AC-05	\$70	\$56	2020	446982-1			
AA157D	Installation of a new vehicle main entrance including a new vehicle gate of the V-track, concrete footing to mount V-track and new poles, gate motor, motor controls, and 2-way Intercom system with keypad hardwired to AO Trailer and video cameras.									
	Planning	2020 SAVE Funding			Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
APAA157E	TNT Installation of CCTV Cameras	Security Enhancements (access control)	AC-05	\$35	\$28	2020	446978-1			
AA157E	Installation of 3 hard-wired CCTV Cameras at the Airside Operations building to monitor the airfield and main entrance gate, including a new pole, running conduit, cat 5 enclosure, surge protectors, grounding, lighting static dissipater, and hardware.									
	Planning	2020 SAFE Funding			Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
APAA157F	TNT Procurement of No Trespassing Signage	Install Guidance Signs	AC-05	\$30	\$24	2020	446977-1			
AA157F	The Project consists of the procurement of No Trespassing Signage every 80 feet on the perimeter of the airport and on landside areas, as per Florida Statute 810. The project will enhance the airport's access control and will improve safety.									
	Planning	2020 SAFE Funding			Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025


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	Status	Remarks/Comments											
APAA177A	OPF Runway 12/30 Rehabilitation	Pavement Rehabilitation	AC-05	\$1,100	\$0	2026	PFL001304 4						
AA177A	Pavement rehabilitation including demolition, lighting, pavement and markings of Runway 12/30 at Miami-Opa locka Executive Airport (OPF). The work includes all movement markings, grooving, and airfield lighting refurbishments and replacements.												
	Planning						Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
									2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
									PLANNING	DDR	0	0	0
PLANNING	LF	0	0	0	0	911							
API111B	Homestead General Aviation Airport (X51) Security Project	Security Enhancements (EDS)	AC-05	\$2,789	\$765	2020	427756-1						
I111B	X-51 (Homestead General) security project involving access control and surveillance including improvements in Airport Operations Area such as adding fence, gates, lighting, and access control matrix devices.												
	Under Construction		MDAD Project # Y145A. NTP issued 9/11/2019.				Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
									2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
									PLANNING	FDOT	0	0	0
PLANNING	LF	0	0	0	0	0							
APK027A	Homestead General Aviation Airport (X51) Runway 18/36 Pavement Rehabilitation	Runway: Rehab Runway	AC-05	\$472	\$377		431127-1						
K027A	This project will provide pavement milling and P-401 overlay on Runway 18/36 at Homestead General Aviation Airport. The milling should be to a depth of 1"and strengthening with 2.5" of P-401 asphalt for flexible pavement.												
	COMPLETED	Work performed under RM-6-18/20 Pavement Repairs Contract.					Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
									2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
									PLANNING	FDOT	0	0	0
PLANNING	LFF	0	0	0	0	0							


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	Status	Remarks/Comments												
APK031A	TMB Relocate Airfield Rotating Beacon	Install Miscellaneous NAVAIDS	AC-05	\$534	\$0	2023	425873-2							
K031A	Relocate the existing airfield rotating beacon to the Westside of the airfield													
	Planning							Proposed Funding (in \$000s)						
								Activity /Phase	Funding Source	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
								CONSTRUCTION	DPTO	0	0	427	0	0
CONSTRUCTION	LF	0	0	107	0	0								
APK152A	MIA Cc H Headhouse Internationalization Gates H11, H14, H15 & H17	Terminal Development: Modify Terminal Building	AC-05	\$26,900	\$13,227	2022								
K152A	MDAD Project # T012A involves several phases. Ph. 1 consists of renovating the Headhouse's west side, the conversion of Gates H11 and H15 to international gates and the relocation of Gate H17. Phase 2 may be implemented in a subsequent 5-Year period. Scope is been revised to allow for new aircraft design types.													
	Scope Revised due to New Aircraft Types/Mix	Total Project Cost is for Ph.1 only. Unfunded portions of the project costs will be covered by local funds.						Proposed Funding (in \$000s)						
								Activity /Phase	Funding Source	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
								PLANNING	FDOT	2,500	0	0	0	0
PLANNING	LFF	2,500	0	0	0	0								
APN055A	Homestead General Aviation Airport (X51) Runway 18/36 Connectors Rehabilitation	Rehabilitate Runway	AC-05	\$347	\$277		429267-1							
N055A	This project will provide pavement milling and P-401 overlay on the Runway 18/36 and connectors at Homestead GA Airport. The scope will consist of survey & layout, milling, proof rolling, prime exposed base, paving, and restore striping. Milling at of 1" depth and strengthening with 2.5" of P-401 asphalt for flexible pavement.													
	COMPLETED	Work performed in FY 2019 under the new RM-6-18/20 Contract for Pavement Repairs.						Proposed Funding (in \$000s)						
								Activity /Phase	Funding Source	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
								PLANNING	FDOT	0	0	0	0	0
PLANNING	LFF	0	0	0	0	0								


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APP246A	MIA Upgrade Terminal PLBs to 400 Hz Pre Conditioned Air	Improve Terminal Building (Standards)	AC-05	\$24,600	\$4,647		429272-1							
P246A	This project provides Passenger Loading Bridge (PLB) mounted 400 Hz Pre-Conditioned Air (PCA) and 90 KVa Point of Use (POU) 400 Hz ground power (GP) conversion units to accommodate the new emerging B747 & 747-8 aircraft.													
	Under Construction	All PLBs at MIA Satellite E have been installed. MDAD will request reprogramming of unused funds to V008B&V008C.						Proposed Funding (in \$000s)						
								Activity /Phase	Funding Source	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
								PLANNING	DPTO	0	0	0	0	0
PLANNING	LFF	0	0	0	0	0								
APP248A	MIA Terminal Wide Facade Renovation (NTD through STD)	Improve Terminal Building	AC-05	\$35,897	\$0	2021	443531-1							
P248A	Upgrades to the general appearance and functionality of the MIA Central Terminal exterior to match the façade from North Terminal through South Terminal. The work involves upgrades to the curb front flooring, soffit and ceiling, sprinklers and lighting. CT's appearance, functionality and interior finishes will deliver a consistently modernized look to the MIA terminal.													
	Planning							Proposed Funding (in \$000s)						
								Activity /Phase	Funding Source	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
								CONSTRUCTION	DDR/LFF	2,000	0	0	0	0
CONSTRUCTION	DDR/LFF	8,574	7,375	0	0	0								
CONSTRUCTION	LF	10,574	7,375	0	0	0								
APP250A	MIA Airport Operations and Communications Center (AOCC)	Security Enhancements (EDS) / New AOC	AC-05	\$20,500	\$5,965	2022	436692-1							
P250A	Consolidation and integration of all security, command and control functions for managing emergencies at the MIA Terminal Building. Construction of a new AOC equipped with backup power and air-conditioning, and electronic systems.													
	Design Development in progress. NTP expected in Jan 2020.	Unfunded portion of the project will be covered with local funds.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)							


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APP253A	MIA Central Base Apron and Utilities Modification and Expansion Phases 1 & 2	Rehabilitate Taxiway	AC-05	\$69,201	\$9,044	2021	431229-2				
P253A	MDAD Proj # V037A-C. Phase IA: Culverting of 10A Canal; Phase IB Apron Pavement Modification and Expansion; Phase IC -Apron Pavement Modification and Expansion and Phase II Apron pavement. For funding purposes, the project is sub-divided into 4 phases.										
	NTP issued 6/17/2019. Construction In Progress.	In FY 2017 and FY 2018, FAA participated in the design and construction costs. Additional FAA funds for construction expected in FY2020-21.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					CONSTRUCTION	DPTO	0	0	0	0	0
					CONSTRUCTION	FDOT DDR	2,226	0	0	0	0
				CONSTRUCTION	LFF	2,226	0	0	0	0	
APP256A	MIA Taxiway "R" Realignment, Westside Cargo Fuel Tender Facility Demolition - Construction	Extend Taxiway (Capacity)	AC-05	\$31,332	\$8,000						
P256A	Taxiway R will be relocated to a runway-to-taxiway separation of 500 ft. (object-free area of 167.2 ft.), to accommodate Group VI aircraft. The Project will demolish the Fuel Tender Facility, and construct new flexible pavement on Taxiway R and connectors, pavement taxiway, stormwater drainage improvements, canal culvert, relocate glide slope, new centerline and edge lighting, signage and markings.										
	Under Construction	FAA participates in the construction costs. Project is part of MIA Taxiways S, T & R Rehabilitation Project, as per MDAD Capital Improvement Program.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					CONSTRUCTION	DDR	0	0	0	0	0
					CONSTRUCTION	LF	0	0	0	0	0
APP264A	Miami International Airport (MIA) Terminal wide Re-Roofing, Drains & Scuppers	Rehabilitate Terminal Building	AC-05	\$18,342	\$9,171		429531-1				
P264A	Installation of a terminal roof and additional roof drains on the MIA Terminal roof to compensate for the roof drains and scuppers that have been blocked or removed by new construction and Terminal additions.										
		MDAD will request reprogramming of remaining funds to V008B & V008C (New Cc "F" project).			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					CONSTRUCTION	DDR	0	0	0	0	0
					CONSTRUCTION	LFF	0	0	0	0	0

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APP267A	MIA Wayfinding and Signage Master Plan Implementation	Improve Airport Miscellaneous Improvements	AC-05	\$6,600	\$3,315		420435-1			
P267A	The project involves the implementation of the Wayfinding & Signage Master Plan related to the rebranding of the terminals as North, Central & South. Implementation of Central Boulevard Signage									
	COMPLETED	Unfunded portion of the project funded by local share			Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
APPFL0009079	Kendall Tamiami Executive Airport Taxiway D Connector Rehabilitation - RIM 04	Extend Taxiway (Standards)	AC-05	\$3,400	\$1,880	2020	431130-5			
PFL0009079	Rehabilitation of Taxiway D Connector. Modify taxiway A and D at entrance to Rwy 9L and 13 to eliminate the wide expanses of pavement. Construct new Airplane Design Group (ADG) III taxiways with adjacent holding bay/run-up area east of the wind cone.									
	Under Construction / Phase 2	MDAD Project # W076A. In FY 2016 and FY 2017, a total of \$3,126,000 in FAA funds were allocated for design and construction under this project.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					PLANNING	FDOT	0	0	0	0
					PLANNING	LFF	0	0	0	0
APPFL0010439	Miam Int'l Airport South Terminal Expansion New Gates	Aviation Expansion Project	AC-05	\$272,400	\$0	2022	439492-1			
PFL0010439	Project # X078A Extending the South Terminal's building and apron to provide additional functional space, including 3 ADG V swing gates, and necessary holdrooms, concessions, support spaces and sterile circulation at 3rd level.									
	Planning	Project X078A is included in the Aviation Department's Capital Improvement Plan (CIP). MDAD will cover the unfunded project costs.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)			
						2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					CAPITAL	DPTO	0	8,710	3,000	0
					CAPITAL	LF	0	241,690	3,000	0


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APT021A	MIA Cc D A380 Modifications	Gates Modifications	AC-05	\$5,000	\$2,500		423290 3		
T021A	Modification to gate to provide a fully operational A380 gate for airlines services. Includes a new hight PLB serving the upper deck, single PLB serving the lower main deck, additional electrical pier and pre-conditioned air necessary for large aircraft.								
	Completed/ Closeout	Project has been re-designed to simplify the concept. Gate D2 installed as a standard PLB.	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
			PLANNING	FDOT	0	0	0	0	0
			PLANNING	LFF	0	0	0	0	0

APT042A	MIA South Central Terminal BHS Bldg	Design, engineering and construction-related services to modify Terminal Building	AC-05	\$36,051	\$13,276	2021	439203-1		
T042A	Modify or construct terminal building infrastructure to recapitalize TSA Explosive Detection System located in the Checked Baggage Inspection System at Concourses E, F, G, H and J.								
	Building Construction Completed		Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
			DESIGN/BUILD	DDR	0	0	0	0	0
			DESIGN/BUILD	DPTO	0	0	0	0	0
			DESIGN/BUILD	LF	0	0	0	0	0


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	Status	Remarks/Comments									
APV005A	MIA South Terminal Apron & Utilities Modification/Expansion & GSE Facility Phase1	Capacity Expansion	AC-05	\$47,700	\$6,330	2021	436693-1				
V005A	V005A/V013A Design and construction of expansion of aircraft apron of rigid concrete pavement and flexible asphalt pavement to provide additional hardstand positions. Scope includes work at Concourse F Apron and utilities (western limits of the project). Increases the total number of aircraft hardstand position from four (4) (existing) to ten (10) total positions.										
	Design	Project included in the Aviation Department's Capital Improvement Plan (CIP).			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					PRELIMINARY ENGINEERING	FDOT DDR	0	0	0	0	0
					CONSTRUCTION	GMR	3,000	5,500	0	0	0
					PRELIMINARY ENGINEERING	LF	0	0	0	0	0
					CONSTRUCTION	LF	3,000	29,870	0	0	0
APV006A	MIA Taxi Lot Replacement/Land Acquisition	Relocation and/or Land Acquisition	AC-05	\$10,247	\$901		436694-1-94				
V006A	Relocation of the existing TNC lot to a new temporary or permanent location.										
	Planning	MDAD is in negotiations for a suitable property for project location.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					PLANNING	FDOT DS	0	0	0	0	0
					PLANNING	LFF	0	0	0	0	0
APV008A	Miami International Airport Terminal E thru F Connector	Construct Connector	AC-05	\$25,080	\$8,540		438618-1				
V008A	Construct a new post-security passenger connector corridor between Terminal E and F to provide enhanced passenger circulation between the concourses										
	Planning	The project is part of Aviation Department's MIA Central Terminal Redevelopment (Phase 1).			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					PLANNING	FDOT	0	0	4,000	0	0
					PLANNING	LFF	0	0	4,000	0	0


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APV008C	MIA New Concourse "F"	Improve Terminal Building (Capacity)	AC-05	\$479,600	\$0	2024	PFL001308 1				
V008C	Various modernization / optimization projects including Aircraft Parking (pavement, utilities and gates); Concourse F Improvements (holdroom expansion, interior, fixtures and equipment); Check-In lobby and Checkpoint consolidation. The Project will optimize aircraft gate capabilities, to balance terminal facilities to traffic levels consistent with fleet and air service forecasts. and to provide connectivity between Cc E, Cc F and the North Terminal at MIA.										
	Planning/Project Definition	MDAD Projects V008B & V008C. MDAD will cover the unfunded project costs.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					CONSTRUCTION	DPTO	0	0	0	3,091	0
					CONSTRUCTION	LF	0	0	0	3,091	0
APV009A	Miami Executive Airport (TMB) Taxiway Rehabilitation	Rehabilitate Taxiway	AC-05	\$18,218	\$6,460	2020	435379-1 & 444905-1				
V009A	Hot Spot 1 mitigation eliminating direct access to Runway 13-31 from Taxiways H and E. New Connectors D1 and D2, and expansion of Twy H West from new D2 to the Rwy 9R threshold. Demolish Twy E3 at intersection of Twys D and E and relocate to the east. Project implements FAA's mandate to reduce runway incursions through the Runway Incursion Mitigation (RIM) Program, and improve airfield circulation.										
	Design Completed	Funding will cover portions of costs under the related Project W125A. FAA participates in the costs for construction.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					CONSTRUCTION	GMR	0	0	0	0	0
					CONSTRUCTION	LFF	0	0	0	0	0
APV038D	MIA Consolidated Office Complex	Demolish / Construct Building	AC-05	\$14,300	\$1,550	2021	443530-1				
V038D	Remodeling and interior renovations of the Miami-Dade Aviation Department (MDAD)'s administrative buildings and the associated relocation of MDAD 's administrative functions and offices into the new building (Projects AA058A, AA058B, AA103A & AA103B). Enabling project for the implementation of capital projects for MIA included in the MDAD's Capital Improvement Program (CIP).										
	Planning	MDAD will fund the remaining project cost.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					CONSTRUCTION	DDR	1,000	0	0	0	0
					CONSTRUCTION	DL	950	0	0	0	0
					CONSTRUCTION	LF	5,400	0	0	0	0


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Agency Project No	Detailed Project Description										
	Status	Remarks/Comments									
APV095A	MIA Bldg. 719 Cargo Clearance Center Facility (CCCF) Demolition and Replacement	Replace Building	AC-05	\$31,131	\$0	2024	PFL001229 2				
V095A	Construction of a new Cargo Clearance Center Facility (CCCF), new parking garage and existing parking improvements on the Aviation Department-owned 2.8-acre site, to replace (demolish) the CCF in Bldg. 719 to provide offices and parking to CBP and USDA.										
	Planning	MDAD Project #V096B			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					CONSTRUCTION	DDR	0	0	0	10,000	5,565
				CONSTRUCTION	LF	0	0	0	10,000	5,565	
APW019A	Miami International Airport Fuel Storage Facility Expansion (4th Tank)	Construct Fuel Storage Facility	AC-05	\$30,042	\$9,097	2020	439835-1				
W019A	Design and construct a Fuel Facility Administration and Maintenance Building in Dike Area 6, and one or two jet fuel storage tanks with inbound jet fuel filtration station and oil/water separator. The MIA fueling facility is operated by MDAD for the use of all airlines.										
	30% Design Completed	PFL0011075			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					PRELIMINARY ENGINEERING	DPTO	0	0	0	0	0
				PRELIMINARY ENGINEERING	LF	0	0	0	0	0	
APW125A	TMB Taxiway "H" Eastward Extension		AC-05	\$17,206	\$2,000	2023	444180-1				
W125A	Expansion of the South Apron (Spots #14 to #17) at Miami Executive Airport (TMB), and establishment of a new Taxiway "H" apprx. 3,050 LF and 245,566 SF/27,286 SY), new pavement markings and taxiway edge lights.										
	75% Design Completed	MDAD will apply for FAA funding for a portion of the construction cost, and will cover the unfunded project costs.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025

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Agency Project No	Detailed Project Description											
	Status	Remarks/Comments										
APX005A	OPF Blast Fence	Airport Miscellaneous Improvements	AC-05	\$263	\$0	2021	438806-1					
X005A	Design, purchase and install aircraft blast fence capable of Group IV aircraft run-up. Grade, install concrete base and taxiway connector to blast pad from Taxiway "H". Per OPF development plans, the airfield where multiple MRO's operate, is in need of a place for run-ups without closing taxiways or runways.											
						Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
						CONSTRUCTION	DDR	210	0	0	0	0
						CONSTRUCTION	LF	53	0	0	0	0
APX006A	OPF New Parallel Taxiway	Construct Taxiway (Capacity)	AC-05	\$875	\$0	2021	438809-1					
X006A	Design and grade, pave new parallel taxiway with high speed turnoffs with Group IV capacity. Install LED taxiway edge lights, turn-off signs, paint taxiway lead off, centerline, edge lines, runway holding position markings, signs and centerline markings. This project will enable aircraft egress to approach ends of Runway 12/30 without having to cross the Runway at Opa-locka Executive Airport.											
						Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
						CONSTRUCTION	DPTO	700	0	0	0	0
						CONSTRUCTION	LF	175	0	0	0	0
APX007A	OPF Runway 9L/27R Rehabilitation	Pavement Rehabilitation	AC-05	\$77,670	\$0	2023	438808-1					
X007A	The Project consists of pavement rehabilitation of Runway 9L/27R at Miami-Opa locka Executive Airport (OPF). The scope includes: Pavement mill and overlay, pavement markings and striping and installation of High Intensity Runway Lights (HIRL).											
	Planning	MDAD Projects X007A & X009A. FAA funding is programmed for FY 2023 -24 and MDAD will cover the unfunded project costs.				Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
						PRELIMINARY ENGINEERING	DPTO	950	0	0	731	991
						PRELIMINARY ENGINEERING	LF	2,453	0	0	731	991


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Agency Project No	Detailed Project Description								
	Status	Remarks/Comments							


APX010A	OPF Engine Run Up Pad	Airport Miscellaneous Improvements	AC-05	\$7,370	\$4,400	2021	438614-1 & 438614-2					
X010A	Construction of an asphalt pad for aircraft engine run-up. Installation of blast fence; construction of a connector to the Run Up Pad; drainage & regarding work; adjustment/addition of taxiway edge lighting, pavement markings, and signage. Project enhances airport safety and allows to meet FAA aircraft design requirements.											
	Under Design					Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025

APX035A	MIA Bldg 702 New Cargo Apron & Airside Improvements (Conversion&Hardstand) Ph1	Construct Apron & Airside Improvements	AC-05	\$35,700	\$1,000	2023	442441-1					
X035A	Convert belly cargo Bldg 702 into a new cargo freight facility. Demolish test cell facility Bldgs 703 & 703A to construct a 62,000 sq yd concrete apron for six Group IV aircraft parking positions. Make other building / landside improvements. The hardstand is served through a new flexible pavement ADG IV taxilane from extended Taxiway "R". This allows north expansion of Bldg 702 by approx 33,000 sq ft for warehousing or office space.											
	Planning	Part of MDAD's Capital Improvement Plan (CIP). FY 2024 funding reprogrammed to another project. MDAD will fund unfunded project cost.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)					
								2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					PRELIMINARY ENGINEERING	DDR		0	0	0	0	0
					CONSTRUCTION	DDR		0	0	4,735	0	0
					CONSTRUCTION	DPTO		0	0	3,107	0	0
					PRELIMINARY ENGINEERING	LF		0	0	0	0	0
					CONSTRUCTION	LF		0	0	7,842	0	0


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Agency Project No	Detailed Project Description										
	Status	Remarks/Comments									
APX061A	MIA Perimeter Road Widening, Realignment & Bridge Replacement	Road Access	AC-05	\$29,380	\$11,336	2021	429271-1				
X061A	Widen/realign Perimeter Rd near the MIA AOA South Gate, replace Tamiami Canal bridge, and reroute roadway to NW 42 Ct onto NW 20 St east of Airport's Fuel Farm, to address public right-of-way conveyance, and concurrency requirements. This provides continuous, unimpeded public access to MIA's terminal via a fully improved Perimeter Rd and Central Blvd preventing potential road closure during high threat alert levels near vulnerable facilities.										
	Planning	FY 2021 funds reprogrammed from FM 438818-1. MDAD will fund the remaining project costs.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					CONSTRUCTION	DDR	72	0	0	0	0
					CONSTRUCTION	DPTO	481	0	0	0	0
				CONSTRUCTION	LF	553	0	0	0	0	
APX079A	MIA Concourse "G" Demolition	Demolition of Terminal Building & Apron Rehabilitation	AC-05	\$17,264	\$0	2027					
X079A	Demolition of Concourse "G" and rehabilitation and expansion of the apron, as part of the Aviation Department's Capital Improvement Program (CIP).										
	Conceptual Design	Project is part of the Central Terminal Redevelopment Program			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
					PLANNING	DDR	0	0	0	0	5,563
				PLANNING	LF	0	0	0	0	11,700	
APY003A	MIA Surface Management System	Install Airport Surface Management System	AC-05	\$3,535	\$1,768	2020	444080 - 1				
Y003A	Implement a system for airport surface traffic management that allows for non-verbal communication of taxi instructions and clearances between FAA, Miami Airport Traffic Control (ATC) Tower, MDAD Ramp Tower, and aircraft arriving at MIA. Project's implementation eliminates radio frequency congestion, potential miscommunication, and delays of aircraft inbound to MIA Terminal gates.										
	Implementaton				Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025


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Agency Project No	Detailed Project Description											
	Status	Remarks/Comments										
APY005A	Miami Executive Airport (TMB) Runway 9R/27L Pave Shoulder	Widen Runway	AC-05	\$2,000	\$0	2023	431130 - 6					
Y005A	Add paved shoulders to the primary IFR runway 9R-27L, following completed shoulder extensions westernmost 1000 ft. Additional shoulders along the remaining 5000 ft. will minimize FOD, enhance technician safety and minimize runway closure for mowing. Project will increase the runway capacity to serve the majority of the based aircraft operations.											
	Planning					Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
						CONSTRUCTION	DDR	0	0	1,600	0	0
					CONSTRUCTION	LF	0	0	400	0	0	
APY007A	Miami-Opa Locka Executive Airport (OPF) Widen Taxiway "P" to Provide ADG IV	Widen Taxiway (Standards)	AC-05	\$263	\$0	2023	442409-1					
Y007A	Design taxiway orientation of "P" from H to C for parallel Group IV design aircraft. Decommission and remove all signs and lighting; grade and pave to new orientation. Project is required to accommodate aircrafts of Design Group IV.											
	Planning					Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
						CONSTRUCTION	DPTO	0	0	210	0	0
					CONSTRUCTION	LF	0	0	53	0	0	
APY008A	Miami Homestead General Aviation Airport (X51) Re-Establish & Overhaul Segmented Circle	Improve Utilities	AC-05	\$500	\$0	2023	431127-3					
Y008A	FAA-required that segmented circle needs to be replaced / improved to provide critical visual indication to pilots overflying the airport regarding the runway traffic pattern flow. Project allows airport to meet the FAA requirements for non-towered airports, and increases safety and efficiency of airport traffic.											
	Planning					Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
						CONSTRUCTION	DDR	0	0	400	0	0
					CONSTRUCTION	LFF	0	0	100	0	0	

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Agency Project No	Detailed Project Description											
	Status	Remarks/Comments										
APY009A	Dade-Collier Training and Transition Airport (TNT) Power Distribution & Airfield Light Feeder	Improve Utilities	AC-05	\$300	\$0	2023	438612-1					
Y009A	Installation of power distribution equipment to feed TNT's airfield to maintain continuous Airport operations, prevent periodic interruptions in power supply to airfield, communication links, and other Airport facilities. This project will enhance capacity at the Airport by providing required energy infrastructure system on the existing Airport property and facilities.											
	Planning					Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
						CONSTRUCTION	DPTO	0	0	205	0	0
						CONSTRUCTION	LF	0	0	95	0	0
APY134A	Opa-Locka Executive Airport (OPF) Taxiways Y & D Rehabilitation	Taxiway Rehabilitation	AC-05	\$312	\$250	2020	445413-1					
Y134A	Survey, milling, proof roll and prime exposed base, resurfacing and replacement of markings & striping of Taxiways Y and D. The Pavement Condition Index (PCI) for certain Taxiways' Y & D segments ranges from 21 to 49 which indicated "poor condition" that requires rehabilitation.											
	Construction Ongoing					Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
APY155A	X-51 Security Upgrades	Improve Airport / Miscellaneous Improvements	AC-05	\$170	\$136	2020	445290-1					
Y155A	Deployment of Security Access Control Underground Conduit for security cameras at Homestead General Aviation Airport. Implemented concurrently with X-51 Security Project Y145A / FM 427756-1. The Security Access Control Underground Conduit will enhance the airport security.											
	Under Construction					Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
						CONSTRUCTION	LF	0	0	0	0	0
						CONSTRUCTION	SS	0	0	0	0	0

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Agency Project No	Detailed Project Description								
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Yearly Total	\$49,597	\$300,520	\$33,281	\$39,310	\$48,197
5 Year TIP Total				470,905	