




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							
AP10441	Closure of Perimeter Road Along MIA's Fuel Farm	Improve MIA's Fuel Farm	5-5	\$1,106	\$0	2021	4388181		
10441	The existing Perimeter Road & vehicular traffic will be rerouted around the existing Employee Parking Lot. Closure and reconfiguration of Perimeter Rd into the secured AOA area, with new paving, security fencing and access gates.								
		PFL0010441. FY2021 reprogrammed to FM 429271-1	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
			CONSTRUCTION	DDR	0	0	553	0	0
		CONSTRUCTION	LFF	0	0	553	0	0	
AP11714	Miami International Airport (MIA) Lower Cc E Int'l / Domestic Bus Station Renovation	Rehabilitate Building	C-6	\$1,000	\$0	2021	438820-1		
11714	Refurbish the existing Bus Station E1 to be used as an alternate transportation option at Concourse "E" in case when the "E-Train" is not operational.								
		MDAD requested reprogramming of the funds to PFL00112097 (MDAD Consolidated Office Complex)	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
			CONSTRUCTION	FDOT DDR	0	0	500	0	0
		CONSTRUCTION	LF	0	0	500	0	0	
AP4385411	MIA TERMINAL E TO F LIFE SAFETY	Life Safety Upgrades	C-6	\$6,250	\$3,125	2016	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.								
		Project approved at MPO	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023


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API111B	Homestead General Aviation Airport (X51) Security Project	Security Enhancements (EDS)	C-6	\$1,338	\$765	2019	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, access control matrix devices and cameras.								
	Planning	UPIN# PFL0007655	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
			PLANNING	FDOT	0	0	0	0	0
			PLANNING	LF	0	0	0	0	0
APK026A	Dade-Collier Training & Transition Airport Restriping of Pavement Markings on Runway, Connectors and Apron Improvements	Rehabilitate Runway, Connectors and Apron Improvements	C-6	\$1,000	\$514	2018	427754 - 1		
K026A	Project consists of the restriping of all markings on the existing Runway B, and North Apron improvements. This will involve construction of new hardstands for staging and parking of unmanned aircrafts. On 2012 Statewide Airfield Pavement Management Program								
		PFL0000667	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
APK027A	Homestead General Aviation Airport (X51) Runway 18/36 Pavement Rehabilitation	Runway: Rehab Runway	C-6	\$9,800	\$377		429267-1		
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 inch and strengthening with 2.5 inch of P-401 asphalt for flexible pavement on Runway 18/36 at the airport.								
	Planning	UPIN#: PFL0007657	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
			PLANNING	FDOT	0	0	0	0	0
			PLANNING	LFF	0	0	0	0	0


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APK031A	TMB Relocate Airfield Rotating Beacon	Install Miscellaneous NAVAIDS	5-5	\$534	\$0	2023	425873-2					
K031A	Relocate the existing airfield rotating beacon to the Westside of the airfield											
						Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
						CONSTRUCTION	DPTO	0	0	0	0	267
						CONSTRUCTION	LF	0	0	0	0	267
APK036A	OPF Rehab Apron Pavement	Apron: Construct Apron (Standards)	C-6	\$3,000	\$1,970	2016	422317 2					
K036A	This project will replace the underlying base and the severely cracked and weathered PCC apron slabs in the area of Bldg. 101, 102, and 103 at Opa-locka Executive Airport to meet standards.											
	Completed	UPIN#: PFL0003270				Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
APK152A	MIA Cc H Headhouse Internationalization Gates H12, H14, H15 & H17	Terminal Development: Modify Terminal Building	C-6	\$73,228	\$9,225	2022	423290 2					
K152A	This project will involve several phases: 1) renovate the Headhouse's west side and gates H15 and H17 for the larger aircraft 380; and 2) renovate the east side of the Headhouse and gates H12 and H14. This project's scope may be further expanded. Phase 2 may be implemented in a subsequent 5-Year period. New project numbers are T012A K152A. Total project cost is \$72.9M.											
	Planning	Unfunded portions of the project costs may be covered by FAA and local funds, based on requests to be made in excess of the grant funds.				Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
						PLANNING	FDOT	4,001	0	2,500	0	0
					PLANNING	LFF	4,001	0	2,500	0	0	


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Agency Project No	Detailed Project Description								
	Status	Remarks/Comments							
APN055A	Homestead General Aviation Airport (X51) Runway 18/36 Connectors Rehabilitation	Rehabilitate Runway	C-6	\$500	\$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 milling should be to a depth of 1 inch and strengthening with 2.5 inch of P-401 asphalt for the flexible pavement on runway.								
	Planning	UPIN# PFL0007657.	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
			PLANNING	FDOT	0	0	0	0	0
			PLANNING	LFF	0	0	0	0	0
APP246A	MIA Upgrade Terminal PLBs to 400 Hz Pre Conditioned Air	Improve Terminal Building (Standards)	C-6	\$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.								
	Planning	There is a need for future funding for this project.	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
			PLANNING	DPTO	0	0	0	0	0
			PLANNING	LFF	0	0	0	0	0
APP250A	MIA Airport Operations and Communications Center AOCC	Security Enhancements (EDS)	C-6	\$12,000	\$5,521		436692-1		
P250A	Consolidation and the Terminal Building integration of all security, command and control functions for managing emergencies at the Terminal Building								
	Planning	Unfunded portion of the project will be covered with local funds.	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
			PLANNING	FDOT	0	0	0	0	0
			PLANNING	LFF	0	0	0	0	0


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	Status	Remarks/Comments									
APP253A	MIA Central Base Apron and Utilities Modification and Expansion Phase 1	Rehabilitate Taxiway	C-6	\$74,810	\$1,675	2019	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. Phase I: 2015-18. Phase II Modification/Demolition of MDAD Facilities										
	Design Development	\$1,323,738 in FY2021 funds reprogrammed to FM 438616-1. Application submitted to FAA for design development costs. Funds partially reprogrammed to FM438316-1.			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
					CONSTRUCTION	FDOT DDR	0	6,500	2,500	0	0
					CONSTRUCTION	LFF	3,882	3,382	1,176	0	0
APP256A	MIA Taxiway "R" Realignment, Westside Cargo Fuel Tender Facility Demolition and Fuel Tender Parking - Construction	Extend Taxiway (Capacity)	C-6	\$31,332	\$0	2019					
P256A	Taxiway R will be relocated to a runway to taxiway separation distance of 500 ft. providing an object free area of 167.2 ft required to accommodate Group VI aircraft. Remove pavement, construct a new flexible pavement taxiway, and connectors from the relocated Txyw R to Rwy 12-30, stormwater drainage improvements, canal culvert, relocate glide slope, new centerline and edge lighting, signage and markings.										
		Initial phase of the Miami-Dade Aviation Department's Cargo Optimization, Redevelopment and Expansion Program (CORE)			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
					CONSTRUCTION	DDR	8,000	0	0	0	0
					CONSTRUCTION	LF	8,000	0	0	0	0
APP256B	MIA Taxiway "T" Rehabilitation - Design	Design for Taxiway Rehabilitation	C-6	\$2,335	\$100	2017	429533-2				
P256B	Construction of a new taxiway pavement and associated connectors, installing a new drainage system and culvert, milling and asphalt overlay, upgrade utilities, marking, signage, centerline, edge and hold bar lighting. Taxiway "T" provides critical access to MIA Cargo Area and requires a rehabilitation of pavement, and a replacement of lighting system.										
		Completed			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
							2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
					PRELIMINARY DESIGN	DDR	0	0	0	0	0
					PRELIMINARY DESIGN	LF	0	0	0	0	0


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APP264A	Miami International Airport (MIA) Terminal wide Re-Roofing, Drains & Scuppers	Rehabilitate Terminal Building	C-6	\$18,342	\$9,171	2021	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.								
		2021 FDOT Funds reprogrammed to PFL0012097 (MDAD Admin. Office).	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
			CONSTRUCTION	DDR	0	0	1,000	0	0
		CONSTRUCTION	LFF	0	0	1,000	0	0	
APP267A	MIA Wayfinding and Signage Master Plan Implementation	Improve Airport Miscellaneous Improvements	C-6	\$6,600	\$3,315	2019	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								
	Construction	Unfunded portion of the project will be funded by local share	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
APPFL0009079	Kendall Tamiami Executive Airport Taxiway D Connector Rehabilitation - RIM 04	Extend Taxiway (Standards)	C-6	\$5,055	\$1,880		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.								
		MDAD Project # W076A. In FY 2016, a total of \$229,926 in FAA funds were allocated for design and construction under this project.	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
			PLANNING	FDOT	0	0	0	0	0
		PLANNING	LFF	0	0	0	0	0	


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APPFL0010439	Miam Int'l Airport Federal Inspection STN Refurbishment	Aviation Preservation Project	C-6	\$23,420	\$0		439492-1		
PFL0010439	FY2022 Funds reprogrammed to FM 431229-2. FY 2023 funds reprogrammed to FM 436693-1.		Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
		CAPITAL	DPTO	0	0	0	8,710	3,000	
		CAPITAL	LF	0	0	0	8,710	3,000	
APT021A	MIA Cc D A380 Modifications	Gates Modifications	C-6	\$5,000	\$2,500		423290 3		
T021A	Modification to gate to provide a fully operational A380 gate for airlines services. Includes a new high PLB serving the upper deck, single PLB serving the lower main deck, additional electrical pier and pre-conditioned air necessary for large aircraft.								
	Construction		Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
		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	C-6	\$36,051	\$12,011	2019	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.								
		\$1,000,000 in FY2021 funds reprogrammed to FM 438616-1	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
		DESIGN/BUILD	FDOT	1,264	0	4,750	0	0	
	DESIGN/BUILD	LF	1,264	0	4,750	0	0		


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	Status	Remarks/Comments									
APV005A	MIA South Terminal Apron & Utilities Modification/Expansion & GSE Facility	Capacity Expansion	C-6	\$56,304	\$830	2021	436693-1				
V005A	Design and construction of expansion of aircraft apron of rigid concrete pavement and flexible asphalt pavement to provide additional hardstand positions. Increases the total number of aircraft hardstand position from four (4) (existing) to ten (10) total positions.										
	Design	Requested reprogramming of \$4.8M in FY2021 funds to FM 438616 -1, and \$3M in FY2023 funds from FM 439492-1.	Activity /Phase	Funding Source	Proposed Funding (in \$000s)						
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023		
					CONSTRUCTION	DPTO	0	0	696	5,500	3,000
					PRELIMINARY ENGINEERING	FDOT DDR	0	5,500	0	0	0
PRELIMINARY ENGINEERING					LF	0	5,500	0	0	0	
CONSTRUCTION	LF	0	0	0	1,526	3,000					
APV006A	MIA Taxi Lot Replacement/Land Acquisition	Relocation and/or Land Acquisition	C-6	\$10,247	\$901		436694-1-94				
V006A	Planned expansion in the North Terminal will require the relocation of the existing taxi lot to a new location. This location may be temporary or a permanent location. The Department is looking into it.										
	Planning	MDAD will fund the unfunded portion of the project cost. \$1,000,000 in FY2020 funds reprogrammed to PFL0011904.	Activity /Phase	Funding Source	Proposed Funding (in \$000s)						
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023		
					PLANNING	FDOT DS	0	4,187	500	0	0
PLANNING					LFF	0	4,187	500	0	0	
APV006B	Miami International Airport (MIA) Taxi Management System	Acquire Web-Based Mngmt Tool	C-6	\$1,000	\$0	2021	438819-1				
V006B	Development, installation and deployment of a web-based automated new taxicab management system to provide real time taxicab monitoring and queuing, and reporting capability including scanners, printers, modems, monitors, and other peripherals to enhance customer experience and allow tracking of key ground transportation statistics to be shared with FDOT.										
		FM 438819-1	Activity /Phase	Funding Source	Proposed Funding (in \$000s)						
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023		
					CONSTRUCTION	DDR	0	0	500	0	0
CONSTRUCTION					LFF	0	0	500	0	0	


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APV008A	Miami International Airport Terminal E thru F Connector	Construct Connector	C-6	\$17,080	\$1,000		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	Unfunded costs will be funded by local share	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
					PLANNING	FDOT	7,540	0	0
PLANNING	LFF	7,540	0	0	0	0			
APV009A	Miami Executive Airport (TMB) Taxiway Rehabilitation	Rehabilitate Taxiway	C-6	\$9,842	\$0	2020	435379-1		
V009A	Design: HS1 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. Implement FAA mandate to reduce runway incursions through the Runway Incursion Mitigation (RIM) Program, and improve airfield circulation.								
	Design	Funding will cover portions of costs under the related Project W125A.	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
					PRELIMINARY ENGINEERING	FDOT	1,460	0	0
PRELIMINARY ENGINEERING	LFF	1,460	0	0	0	0			
APV010A	OPF Internal Perimeter Road System	Road improvements	C-6	\$2,400	\$0		436774 1		
V010A	The construction of a new road from North to West of the Opa-locka Executive Airport (OPF)								
	planning		Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
					PLANNING	FDOT DDR	0	1,200	0
PLANNING	LFF	0	1,200	0	0	0			


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APV012A	Miami Executive Airiport Internal Perimeter Road System	Road capacity	C-6	\$2,400			436778-1		
V012A	Construct a new interior service road around the airport, including a constriction of a bridge at the west end.								
	planning	Unfunded cost will be covered with local funds.	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
					PLANNING	FDOT DDR	0	1,200	0
PLANNING	LFF	0	1,200	0	0	0			
APW019A	Miami International Airport Fuel Storage Facility Expansion (4th Tank)	Construct Fuel Storage Facility	C-6	\$48,479	\$4,097	2019	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.								
		PFL0011075	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
					PRELIMINARY ENGINEERING	DPTO	5,000	0	0
PRELIMINARY ENGINEERING	LF	5,000	0	0	0	0			
APX005A	OPF Blast Fence	Airport Miscellaneous Improvements	C-6	\$252	\$0	2021	438806-1		
X005A	Design, purchse 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)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
					CONSTRUCTION	DDR	0	0	126
CONSTRUCTION	LF	0	0	126	0	0			


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	Status	Remarks/Comments										
APX006A	OPF New Parallel Taxiway	Construct Taxiway (Capacity)	C-6	\$840	\$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)				
								2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
						CONSTRUCTION	DDR	0	0	420	0	0
						CONSTRUCTION	LF	0	0	420	0	0
APX007A	OPF Upgrade 9R/27L to Non-Precision Runway	Extend Runway (Capacity)	C-6	\$360	\$0	2021	438808-1					
X007A	Design of extension and possible widening of Runway 9R/27L from 100 feet to 150'. Design of new 9R localizer and DME Equipment; Purchase and installation of HIRL runway lights, and blue LED edge lights. Extend the runway approximately 1000 feet to allow for customer traffic egress to and from their ramps.											
						Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
						PRELIMINARY ENGINEERING	DDR	0	0	180	0	0
						PRELIMINARY ENGINEERING	LF	0	0	180	0	0
APX008A	OPF New US Customs & Border Patrol FIS Facility		C-6	\$600	\$0	2021	438807-1					
X008A	Construct a Federal Inspection Service (FIS) facility on the airfield to accommodate at least 10 aircrafts at once on the ramp.											
						Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
			To prevent exposing passengers out to the elements					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
						CONSTRUCTION	DDR	0	0	300	0	0
						CONSTRUCTION	LF	0	0	300	0	0


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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							
APX035A	MIA Bldg 702 New Cargo Apron & Airside Improvements (Conversion and Hardstand) - Phase 1	Construct Apron & Airside Improvements	C-6	\$19,178	\$0	2023	442441-1		
X035A	Convert belly cargo Bldg 702 to 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 taxiway from extended Taxiway "R". This allows north expansion of Bldg 702 by approx 33,000 sq ft for warehousing or office space.								
		Part of MDAD's Cargo Optimization Redevelopment and Expansion (CORE) Program.	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
			PRELIMINARY ENGINEERING	DDR	1,000	0	0	0	0
			CONSTRUCTION	DDR	0	0	0	0	3,921
		PRELIMINARY ENGINEERING	LF	1,000	0	0	0	0	
		CONSTRUCTION	LF	0	0	0	0	3,921	
APX061A	MIA Perimeter Road Widening, Realignment & Bridge Replacement	Road Access	C-6	\$23,778	\$6,336	2019	429271-1		
X061A	Widen / realign Perimeter Rd near the MIA AOA South Gate, replace Tamiami Canal bridge, and reroute roadway to NW 42nd Ct onto NW 20th St east of Airport's Fuel Farm, to address the 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								
		FY 2021 funds reprogrammed from FM 438818-1	Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
			CONSTRUCTION	DDR	5,000	0	553	0	0
		CONSTRUCTION	LF	5,000	0	553	0	0	
APY004A	Miami Executive Airport (TMB) Fire Station Addition	Airport Miscellaneous Improvements	C-6	\$180	\$0	2021	FM 438812-1		
Y004A	Construct a permanent shelter (30'X60'25') for an ARFF tract at Kendall-Tamiami Executive Airport. A permanent shelter is needed.								
			Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
		CONSTRUCTION	DDR	0	0	90	0	0	
		CONSTRUCTION	LF	0	0	90	0	0	

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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										
APY005A	Miami Executive Airport (TMB) Runway 9L/27R Pave Shoulder	Widen Runway	C-6	\$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 Project will increase the runway capacity to serve the majority of the based aircraft operations.											
						Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
						CONSTRUCTION	DDR	0	0	0	0	1,000
						CONSTRUCTION	LF	0	0	0	0	1,000
APY007A	Miami-Opa Locka Executive Airport (OPF) Widen Taxiway "P" to Provide ADG IV	Widen Taxiway (Standards)	C-6	\$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.											
						Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
					FM 442409-1			2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
						CONSTRUCTION	FDOT DDR	0	0	0	0	132
						CONSTRUCTION	LF	0	0	0	0	132
APY008A	Miami Homestead General Aviation Airport (X51) Re-Establish and Overhaul Segmented Circle	Improve Utilities	C-6	\$500	\$0	2023	431127-3					
Y008A	FAA-required segmented circle needs to be replaced/improved to provide critical visual indication to pilots overflying the airport regarding the runway traffic pattern flow Project meets FAA requirements for non-towered airports, and increases safety and efficiency of airport traffic.											
						Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
						CONSTRUCTION	DDR	0	0	0	0	250
						CONSTRUCTION	LFF	0	0	0	0	250

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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							

APY009A	Dade-Collier Training and Transition Airport (TNT) Power Distribution & Airfield Light Feeder	Improve Utilities	C-6	\$256	\$0	2023	438612-1					
Y009A	Installation of power distribution equipment to feed TNT's airfield to maintain continuous Airport operations, and to prevent periodic interruptions in power supply to airfield, communication links and other Airport facilities. This project is will enhance capacity at the Airport by providing required energy infrastructure system on the existing Airport property and facilities.											
						Activity /Phase	Funding Source	Proposed Funding (in \$000s)				
								2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
						CONSTRUCTION	FDOT DDR	0	0	0	0	128
						CONSTRUCTION	LF	0	0	0	0	128

Yearly Total	\$70,412	\$34,056	\$28,316	\$24,446	\$23,396
5 Year TIP Total					180,626