


Date: December 3, 2024

To: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

From: Daniella Levine Cava
Mayor 

Subject: Miami-Dade Aviation Department: Aviation Capital Program Report – October 2024

At the September 4, 2024 Board of County Commissioners (Board) meeting, Board members amended Ordinance No. 19-122 revising the reporting requirements of the monthly Aviation Capital Program Report (“Report”) and deleting the ratification requirement for all federal and state grants applied for or received including any amendments or supplemental agreements as set forth in Section 2-285.2 of the Code of Miami-Dade County related to Miami-Dade Aviation Department’s capital projects. The provisions of the adopted amendment requires the inclusion of any information that highlights the improvements, infrastructure investments and capital projects at Miami International Airport (MIA) in addition to any other relevant airport activities, accomplishments, and awards that contribute to making MIA a more efficient, innovative, and avant-garde airport. The amendment also requires that all federal or state grants (as described above) be included in the monthly Report, and as requested by Board members, it will also include all MDAD grant applications for the forthcoming year. As such, in addition to the reporting requirements established under the authority of Ordinance No. 19-122 before it was modified, this new Report will include snapshots of any significant action steps taken or any major achievements that serve to enhance efficiencies, expand service offerings, modernize infrastructure, optimize operations or promote growth at Miami International Airport (MIA), and although not required by law, it will also include any action steps that further develop the County’s General Aviation Airports (GAA), which include Miami-Opa locka Executive Airport (OPF), Miami Executive Airport (TMB), Miami Homestead General Aviation Airport (X51) and Dade-Collier Training and Transition Airport (TNT).

The action steps being implemented align with MIA’s \$2 billion Modernization In Action Program that is currently underway. Over the next 5-7-years, this Program will renovate and repair parking garages, upgrade 126 passenger loading bridges, modernize 203 public bathrooms, and improve 616 moving conveyance units (escalators, elevators and moving sidewalks). Additionally, it includes critical electrical and security upgrades. These improvements also complement the ongoing I AM MIA campaign, which is designed to enhance passenger loyalty and satisfaction through customer service training programs for the airport’s 37,000 employees. Combined with a \$7 billion robust capital portfolio that funds the design and construction of new terminals, concourses, ramps, runways, parking facilities, restrooms, hotels, and more, these efforts will ultimately transform MIA into a future-ready, world-class, state-of-the-art airport.

In accordance with Ordinance 19-122 as amended, the Miami-Dade Aviation Department (MDAD or Aviation Department) has placed its forty-eighth “Aviation Capital Program Report” on today’s agenda. The new Report contains the additional content required by Ordinance No. 19-122 (as amended) to better inform residents, passengers, visitors, and Board members of the incremental action steps being taken by the County for MIA to achieve world class status and to further develop the GAA. Upon Board approval, a copy of the new Report will be posted on MDAD’s webpage at http://www.miami-airport.com/transparency_report.asp each month.

October 2024 Report

Table I, as depicted below, shows MIA’s calendar year-to-date passenger and cargo growth rates for the last five years including Year 2024 through the month of July. As can be seen, since the outbreak of the COVID-19 pandemic in March 2020, the percent increase in the total number of passengers from Year 2020 to Year 2021 totaled 99.86 percent as MIA experienced a strong recovery in the demand for air travel in 2021 while the demand for air cargo rose by approximately 18 percent, from 2.3 U.S. tons to 2.7 tons. From Year 2021 to Year 2023, the average percent increase in the total number of passengers totaled 40.3 percent and .45 percent for total freight. These percent increases culminated in 2023, when MIA handled more than 52 million passengers and nearly 2.8 U.S. tons of cargo. No less significant are the year-to-date numbers through July 2024, which indicate that MIA may surpass last year’s records as almost 34 million passengers have already traveled through MIA and close to 1.7 million U.S. tons of total freight have been registered.

Table I - Calendar Year-to-Date (CYTD) Passenger and Cargo Growth Rates for Years 2020-2024

	Year 2020	Year 2021	Year 2022	Year 2023	% Increase Years 2021- 2023	Year 2024 (Thru July)
Total Passengers	18,663,858	37,302,456	50,684,396	52,340,934	40.3%	33,840,894
Total Freight	2,327,747	2,746,899	2,726,807	2,759,381	.45%	1,685,546

It is worth noting that the increases in passenger and cargo traffic have led MIA to be recognized as one of the busiest airports in the United States. As shown in Table II on the next page, in 2023, among U.S. airports, the Airports Council International (ACI) ranked MIA as the number 2 airport for international passengers, the number one in international freight and the number three airport in total cargo (freight and mail). Among airports worldwide, the ACI ranked MIA as the number six airport for international freight and the number 6 for total cargo (freight and mail).

For MIA to retain its competitive edge and continue to be recognized as a “Premier Passenger and Cargo Hub”, in addition to private-sector projects such as the \$400+ million vertical cargo facility that was approved by the Board in July 2024, the successful implementation of MDAD’s capital portfolio that will renovate the airport’s Central, South and North Terminals and expand its cargo facilities is critical for MIA’s growth and future readiness as these development projects will replace aging and obsolete airport infrastructure and boost freight capacity. More importantly, these improvements will enable MIA to meet the growing demand of its passenger and cargo aviation markets and provide patrons with an enhanced, innovative, modern-day customer experience that offers greater value and optimizes convenience and efficiency.

Table II - MIA Rankings for 2023

<u>Among U.S. Airports</u>	<u>Among Worldwide Airports</u>
1 st International Freight	6 th International Freight
2 nd International Passengers	33 rd International Passengers
3 rd Total Cargo (Freight + Mail)	6 th Total Cargo (Freight + Mail)
3 rd Total Freight	6 th Total Freight
9 th Total Number of Operations	12 th Total Number of Operations
10 th Total Passengers	25 th Total Passengers

Actions Steps in Progress

This new Report provides an outline of the action steps being put into effect to successfully implement \$7 billion of upgrades to modernize MIA and further develop the GAA, whether it is in the form of procurement solicitations, contract awards, large capital improvement projects that renovate terminals and concourses, or smaller but functional projects such as improvements to runways, taxilanes, passenger loading bridges, gates, checkpoints, restrooms, baggage handling systems, parking facilities, etc., as well as any achievements, awards or high-tech investments that contribute to making MIA a more well-ordered, vogueish, future-ready airport. Below is a summary of the sub-programs within MDAD’s Capital Improvement Program (CIP) that will pave the way to meet passenger and cargo demand growth, which is projected to reach approximately 77 million passengers and more than four (4) million tons of freight by the year 2040. These action steps also include \$1.7 billion in maintenance upgrades over the next 10 years.

- Central Terminal Redevelopment
- Concourse “F” Modernization
- North Terminal Redevelopment
- South Terminal Expansion (New Concourse K)
- Expanded Cargo Aircraft Parking Positions & Cargo Handling Facilities
- New Privately Funded Airport Hotel

A. Contracts Awarded by the Board in 2024 through August 2024

1. March 5, 2024

Contract Award to TK Airport Solutions, Inc.; Contract No. ITQ-MDAD-67621-JM. The Scope of Work provides for the purchase, installation, extended warranty and support services of pre-conditioned air and 400 Hz systems for 18 old, worn-down passenger boarding bridges at MIA. (\$15,290,198.40)

2. April 2, 2024

Contract Award for a Professional Services Agreement for General Civil Engineering Services to Premiere Design Solutions, Inc.; Contract No. E22-MDAD-04, Phase 1. The Scope of Work for Phase 1 provides for the replacement of four (4) miles of existing airside operating area (AOA) high security fence along MIA’s perimeter from the southeast airside operations area to the west airside operations area, surrounding MIA Runway 9-27 from the east, south and west and along Perimeter Road. (\$3,717,303.00)

3. June 4, 2024

- a) Contract Award for a Professional Services Agreement for General Civil Engineering Design Services to AtkinsRéalis USA, Inc.; Contract No. E23AV02C. The Scope of Work includes but is not limited to airfield pavement rehabilitation and improvements to aprons, taxi lanes, taxiways, runways, utility relocations, fueling, passenger boarding bridges and all related appurtenances for all airports within Miami-Dade County's airport system, which includes MIA and the GAA. (\$6,616,500.00)
- b) Contract Award for a Professional Services Agreement for General Civil Design Engineering Services to T.Y. Lin International; Contract No. E23AV02B. Scope of Work – same as above.
- c) Contract Award for a Professional Services Agreement for General Civil Engineering Design Services to EXP U.S. Services, Inc.; Contract No. E23AV02A. Scope of Work – same as above.

4. June 18, 2024

Contract award to Hotelzo LLC d/b/a Wait N Rest; Contract No. EVN0000237. The Scope of Work provides for the finance, design, construction, management, operation, and maintenance of two sleep center locations that offer airport patrons safe state-of-the art, first class private spaces that deliver the right mix of amenities, including but not limited to a clean and quiet secluded space to rest and work 365 days, 24 hours, seven days per week. (\$10,000,000.00)

5. July 2, 2024

Contract Award for a Professional Services Agreement for General Civil Engineering Design Services to Burns & McDonnell Engineering Company, Inc.; Contract No. E23AV01. The Scope of Work includes the addition of one (1) of three (3) additional Jet-A Fuel storage tanks that have been identified as necessary to maintain an ample supply of jet fuel at MIA as part of MDAD's 2015 Fuel Master Plan. This addition will add to the nine (9) Jet-A Fuel storage tanks that are currently installed at MIA. (\$5,513,750.00)

B. Maintenance Contracts Awarded by the Board in 2024 through August 2024

1. July 2, 2024

Contract Award for Repair and Maintenance Services to Evolution Elevator & Escalator Company and Otis Elevator Company; Contract No. EVC0003576. The Scope of Work provides for the maintenance and timely repair of moving conveyance equipment (elevators, escalators and moving walkways), modernization of aging infrastructure, and compliance with all Florida Elevator Safety Code requirements and Americans with Disabilities Act. (\$10,385,000.00)

C. Development Lease Agreements Awarded by the Board in 2024 through August 2024

1. January 17, 2024

Development Lease Agreement with Reliance Aviation Miami, LLC (Reliance) - authorizing Reliance to continue leasing its current premises at Miami Executive Airport (TMB) and develop two additional parcels of land to construct new fixed-base operator facilities for its current operations (making Reliance's leasehold premises at TMB a total

of 25.91 acres), extending the total lease term for a period of thirty (30) years, with a one (1) five-year renewal option. Minimum Investment Amount: \$6,000,000.00.

2. July 16, 2024

Development Lease Agreement with Ocean Aviation TMB, LLC (Ocean Aviation) – authorizing Ocean Aviation to design, build, finance, and operate and maintain a fixed-base operator terminal and ancillary facilities on 39.1 acres of land at TMB for a 40-year term with one five-year renewal option. The development site includes a fuel farm, a temporary and a permanent FBO terminal, office and retail space, twenty-seven (27) aircraft hangars as well as a community aircraft hangar with a total of 225,000 square feet to accommodate the Gulfstream G700 jet types with the associated aircraft and vehicle pavement, and all connecting aprons, ramps, taxi lanes and service roadways.

Minimum Investment Amount: \$67,200,000.00.

3. July 16, 2024

Master Development and Lease Agreement with Miami Gateway Partners, LLC- (Miami Gateway) – authorizing Miami Gateway to design, build, finance, operate, and maintain a “Vertically Integrated Cargo Community” (VICC Facility), approximately 784,087 square feet in size, on 11.19 acres at MIA for a 40-year term. The VICC Facility will augment MIA’s current cargo capacity from 2.9 –3.0 million U.S. annual tons to a minimum of approximately 4.5 million U.S. annual tons. The increase in capacity is needed as it is estimated that MIA will reach 2.9 million U.S. annual tons in airfreight in Calendar Year (CY) 2024, close to 4 million U.S. annual tons in CY 2031, and about 5 million U.S. annual tons in CY 2041. Minimum Investment Amount: \$400,000,000.00.

D. Significant Design Solicitations

Notice to Professional Consultants (NTPC)

1. MIA Dolphin/Flamingo & New Parking Garage 6 Exterior Cladding (AC053A) – The Scope of Work involves the procurement of an exterior screen system that will act as an aesthetic skin enhancing the highly visible parking garages and their facades. An NTPC was advertised on August 2, 2024, and the proposals are due on September 10, 2024. (Overall Total Project Costs: \$35,000,000.00)
2. MIA Central Terminal Redevelopment Phase II (V008C) – The Scope of Work involves renovations and improvements to security checkpoints including ticket counter upgrades between Concourses E and F. The issuance date of the NTPC is yet to be determined. (Overall Total Project Costs: \$37,000,000.00)

E. Significant Projects in Design

1. MIA Airport Operations Center (P250A): The Scope of Work involves combining the functions of MIA’s Airport Operations Center and Emergency Operations Center to provide a more efficient and unified control center. Completion of Design Documents – September 17, 2024. (Overall Total Project Costs: \$35,000,000.00)
2. MIA Concourse J Gates Advanced Visual Guidance Detection System (V100A): The Scope of Work involves the procurement of seventeen (17) Advanced Visual Guidance Detection System displays and operator panels for installation at 17 gates in Concourse J,

Gates J-2 through J-18. Completion of Design Documents – October 7, 2024.
(Overall Total Project Costs: \$8,200,000.00)

3. Demolition and Replacement of Building No. 3032, New Building and Tenant Relocations (AB041A): The Scope of Work involves the construction of a two-story building approximately 51,200 square feet in size. Completion of Design Documents – October 28, 2024. (Overall Total Project Costs: \$35,600,000.00)
4. MIA Fuel Storage Facility Expansion (W019A): The Scope of Work involves the construction of a new Jet Fuel Storage Tank Facility and the associated components. Completion of Design Documents – June 2025. (Overall Total Project Costs: \$39,200,000.00)
5. MIA Concourse F to H Sterile Connector, Third Level (CA004A): The Scope of Work involves providing secure and sterile connectivity between Concourses F to H through an interconnector that will improve efficiencies in security checkpoints, passenger circulation areas and airline operations. Completion of Design Documents – October 2025. (Overall Total Project Cost: \$90,100,000.00)

F. Significant Construction Solicitations

Requests to Advertise(RTA)/Requests for Quotes(RFO)/Requests for Proposals(RFP)

1. MIA Central Base Airside Operations Area (AOA) Construction Gate (AC001A): The Scope of Work involves the construction of a new AOA access gate to service MIA's central base area. The RTA was issued on August 7, 2024 and proposals are due on September 30, 2024. (Overall Total Project Costs: \$13,400,000.00)
2. South Terminal Concourse J Federal Inspection Service (FIS) Checkpoint Upgrade/Refurbishment (BA057A): The Scope of Work involves the improvement of the passenger processing capacity for various security checkpoints in the South Terminal, which are currently undergoing upgrades to meet the present and future demands of passengers. The RTA was issued on August 15, 2024 and proposals are due on September 17, 2024. (Overall Total Project Costs: \$3,800,000.00)
3. MIA Satellite E New Chiller Plant (Project No. U010D-I): The Scope of Work involves the construction of a modular type building to house two (2) new 75-ton water cooled glycol chillers. The RFP was issued on September 6, 2024 and proposals are due on October 8, 2024. (Overall Total Project Costs: \$38,700,000.00)
4. MIA Bridge Rehabilitation (AB003B): The Scope of Work addresses the multiple deficiencies identified in the Bridge Inspection Report dated April 2022, which was prepared by the Florida Department of Transportation (FDOT). The date of the RFP is yet to be determined. (Overall Total Project Costs: \$18,800,000.00)
5. MIA Building No. 3032 Demolition (AB041A-1): The Scope of Work involves the demolition, remediation, and abatement of an existing two-story building at MIA. The proposed RFP issuance date is October 8, 2024 and proposed proposal due date is November 22, 2024. (Overall Total Project Costs: \$4,000,000.00)

6. MIA Concourse F Refurbishment, Access Control and Camera Upgrades (V008F-4): The Scope of Work includes the installation of field devices and necessary head-end equipment upgrades for the security access control system and closed-circuit television (CCTV) system. The proposed RFP issuance date is October 8, 2024 and the proposed proposal due date is November 22, 2024. (Overall Total Project Costs: \$9,100,000.00)
7. MIA North Terminal D2 Checkpoint Upgrades (AC088A): The Scope of Work includes the infrastructure and support scope needed to replace (4) existing x-ray machines with (3) full size automated screening lanes and one (1) mid-size screening lane to increase the throughput capacity. The proposed RFP issuance date is October 24, 2024 and the proposed proposal due date is November 25, 2024. (Overall Total Project Costs: \$1,400,000.00)

G. Significant Projects in Construction

1. MIA Baggage Handling System (BHS) Central Terminal to South Terminal Crossover (T042B): The Scope of Work includes the design, permit, and installation of a new baggage cross-over conveyor line from the Central Terminal to the South Terminal, as well as the implementation of the crossover automated tag readers to significantly enhance pier capacity in the South Terminal BHS. The Notice to Proceed was issued on January 30, 2023; Estimated Project Completion: May 2025. (Overall Total Project Costs: \$5,200,000.00)
2. MIA Lower Concourse E, E-Satellite Stucco, Paint, Lightning, and Visual Guidance Detection System (AA005A): The Scope of Work involves stucco replacement, exterior painting, lightning protection, and the installation of ten (10) Type 2 Visual Guidance Detection System displays at MIA. The Notice to Proceed Date was issued on May 16, 2023; Estimated Project Completion: July 2025. (Overall Total Project Costs: \$25,000,000.00)
3. MIA Central Terminal Ticket Counters, Conveyors and K-1 Doors for Ticket Counters (TC) TC12-TC17 (V043A): The Scope of Work consists of remodeling the existing ticket counters to accommodate the MIA's airlines needs and modernize the terminal. The Notice to Proceed Date was issued on December 4, 2023; Estimated Project Completion: May 2025. (Overall Total Project Costs: \$23,500,000.00)
 - a. POD No.2 (TC#14 & TC#15): Construction Commencement – December 2023; Estimated Project Completion - August 2024.
 - b. POD No.1 (TC#16 & TC#17): Construction Commencement - September 2024; Estimated Project Completion - February 2025.
 - c. POD No.3 (TC#12 & TC#13): Construction Commencement - February 2025; Estimated Project Completion - May 2025.
4. MIA Employee Parking Garage, Park 6 (V042A): The Scope of Work includes the construction of a seven-level parking structure with 2,240 parking spaces including two vehicular/pedestrian connections per level to the Flamingo Garage. The Notice to Proceed Date was issued on January 16, 2024; Estimated Project Completion: January 2026. (Overall Total Project Costs: \$137,000,000.00)

5. MIA Concourse F Refurbishment Checkpoint Relocation, Demolition (V008F-1): The Scope of Work consists of repairs and upgrades to MIA Concourse F, including selective demolition of interior finishes and mechanical, electrical, and plumbing systems within the Concourse to accommodate a new Transportation Security Administration (TSA) checkpoint that will be constructed in a subsequent construction phase. The Notice to Proceed was issued on August 12, 2024; Estimated Project Completion: April 2025. (Overall Total Project Costs: \$1,900,000.00)
6. MIA Concourse F Refurbishment Checkpoint Relocation, Finishes (V008F-2): The Scope of Work consist of remodeling a concession area located on the second level of Concourse F to house a new Transportation Security Administration (TSA) checkpoint area. The Notice to Proceed was issued on August 12, 2024; Estimated Project Completion: November 2025. (Overall Total Project Costs: \$ 8,380,000.00)
7. OPF Blast Fence (X005A): The Scope of Work consists of the installation of the blast fence including the foundations and all structural requirements at Miami Opa-Locka Executive Airport (OPF). The Notice to Proceed was issued on August 12, 2024; Estimated Project Completion: July 2025. (Overall Total Project Costs: \$2,400,000.00)
8. OPF Engine Run-Up Pad (X010A): The Scope of Work includes the development of run-up pad at OPF. The Notice to Proceed was issued on August 19, 2024; Estimated Project Completion: January 2026. (Overall Total Project Costs: \$7,300,000.00)
9. MIA Concourse F Refurbishment F-4 Hold Room Structural Repairs and F4, F6 & F8 Rehabilitation (V008F-3): The Scope of Work includes interior upgrades and structural repairs at Gates F4, F6 and F8 in Concourse F. The Notice to Proceed is targeted for issuance on September 24, 2024; Estimated Project Completion: September 2025. (Overall Total Project Costs: \$3,400,000.00)

H. Federal Grants & Amendments

Table III consists of grant applications that were submitted to the Federal Aviation Administration (FAA) in June 2024 and awarded and fully executed in July and August 2024. The funding sources include Airport Terminal Program (ATP), Airport Infrastructure Grant (AIG), and Airport Improvement Program (AIP) grant funds.

Table III – Federal Grant Applications Submitted to the FAA

Project Title	Funding	Grant Amounts
New FAA Grants		
MIA Central Terminal Redevelopment Phase 1 – Design	ATP	\$15,000,000.00
MIA Central Terminal E-F Demolition – Design	AIG	\$4,695,541.00
MIA Concourse E Satellite APM Bridge Rehabilitation – Construction	ATP	\$8,560,000.00
MIA Central Base Apron Rehabilitation Phase 3 – Construction	AIP	\$6,859,878.00
MIA Fuel Storage Facility Expansion – Design	AIG	\$1,602,437.00

MIA North Terminal Public Restrooms Modernization Phase A1 – Construction	AIG	\$2,493,035.00
South Terminal Concourse H Rehabilitation - Construction	AIG	\$5,000,000.00
MIA F-H Interconnector - Design	AIG	\$2,821,090.00
MIA Concourse F Refurbishment – (V008F-1 thru 3) Construction	AIG	\$4,556,522.00
TMB Proposed New ADG III North Apron Taxilane & Access Road - Design	AIG & AIP	\$790,577.00
OPF Runway Incursion Mitigation Hot Spot 3 - Design	AIG & AIP	\$654,423.00

I. State Grants and Amendments

Table IV consists of Florida Department of Transportation (FDOT) grant applications and amendments that were submitted to FDOT in June 2023 and awarded and fully executed through Public Transportation Grant Agreements (PTGAs) in July and August 2024. The funding sources include Aviation Grant Program (AGP) and Intermodal Development Program (IDP) grant funds.

Table IV – State Grant Applications Submitted to FDOT

Project Title	Funding	Grant Amount
Amendments to PTGAs for Additional Funding		
MIA Airport Operations Control Center – Design & Construction	AGP	\$2,393,910.00
MIA Terminal Wide Re-roofing – Design & Construction	AGP	\$2,349,345.00
MIA Intermodal Center – Property Management	IDP	\$80,498.00
New PTGA Agreements		
MIA Perimeter Rd Bridge Replacement – PD&E Study	AGP	\$480,785.00
MIA Passenger and TNC Remote Parking Lot – Design & Construction	AGP	\$3,000,000.00
MIA Cybersecurity Systems and Plan	AGP	\$1,562,500.00
MIA Terminal Wide Public Restrooms Modernization - Construction	AGP	\$1,000,000.00

J. Future Federal Grant Applications (Fiscal Year 2025)

As shown on the next page, Table V consists of grant applications that will be submitted to the FAA on October 1, 2024 based on project cost estimates. These applications will be resubmitted to the FAA on June 1, 2025 with the final negotiated design contract award amounts and/or the final bid construction contract award amounts. These finalized grant applications will be reviewed by FAA and grant awards will be issued between the months of July 1, 2025, and August 31, 2025 with the exception of those projects using discretionary funds, which are not guaranteed to receive grant

funds until the FAA issues a formal grant award notification. The funding sources include Airport Terminal Program (ATP), Airport Infrastructure Grant (AIG), and Airport Improvement Program (AIP) grant funds.

Table V – Fiscal Year 2025 Federal FAA Grant Applications

FY2025 FAA APPLICATIONS		
Project Name	Funding	Grant Amount
MIA South Terminal Expansion – Design-Build	ATV - Discretionary Funds	\$136,000,000.00
MIA South Terminal Expansion – Design Build	AIG	\$56,211,697.00
MIA Runway Incursion Mitigation Hot Spot 4 - Construction	AIP	\$24,836,354.00
MIA Runway Incursion Mitigation Hot Spot 4 - Construction	AIP - Discretionary Funds	\$25,626,633.00
MIA Runway Incursion Mitigation Hot Spot 4 - Construction	AIP - Supplemental Discretionary Funds	\$20,000,000.00
Miami-Dade Aviation Department Zero Emission Buses	AIP - Supplemental Discretionary Funds	\$12,044,892.00
MIA South Terminal H-J Rehabilitation – Construction	AIG	\$3,259,360.00
MIA South Terminal Concourse J Rehabilitation – Construction	AIG	\$7,000,000.00
MIA Bridge Rehabilitation - Construction	AIG	\$11,322,430.00
TMB Apron Taxilane H Eastward Extension Expansion - Construction	AIG	\$564,000.00
TMB Apron Taxilane H Eastward Extension Expansion - Construction	AIP	\$2,735,803.00
TMB Apron Taxilane H Eastward Extension Expansion - Construction	AIP - Discretionary Funds	\$5,483,997.00
OPF Runway Incursion Mitigation 20 - Design	AIG	\$295,000.00
OPF Runway Incursion Mitigation 20 - Design	AIP	\$150,000.00
OPF Runway Incursion Mitigation 20 - Design	AIP - Discretionary Funds	\$788,000.00

K. Fiscal Year 2025 State Grant Applications

Table VI consists of grant applications that were submitted to FDOT on June 1, 2023 that are currently pending award through PTGAs on the scheduled award dates noted below. The funding source is Aviation Grant Program (AGP) grant funds.

Table VI – State FDOT Grant Applications For Fiscal Year 2025

Project Name	Funding Source	Grant Amount	Award Date
Amendments to PTGAs for Additional Funding			
MDAD GAA Airports Taxiways and Apron Rehabilitation, Restoration and Repairs – Design & Construction	AGP	\$500,000.00	September 2024
MIA South Terminal Expansion East - Terminal Hardstand & GSE Facility – Design & Construction	AGP	\$5,490,254.00	January 2025
OPF 09L/27R Runway Rehabilitation - Pavement and Lighting - Construction	AGP	\$2,000,000.00	January 2025
New PTGA Agreements			
OPF Runway Incursion Mitigation 03 – Construction	AGP	\$662,880.00	September 2024
MIA Runway Incursion Mitigation Hot Spot 04 – Construction	AGP	\$5,500,000.00	September 2024
TMB Proposed New ADG III North Taxilane at Lot 16 and Access Road - Construction	AGP	\$1,000,000.00	September 2024


Exhibit A displays a series of photographs that tell MIA’s transformation story as it unfolds. Each month, various pictures will be posted accordingly to the MDAD projects that are approved, initiated or completed, furthermore, photos of any action steps, awards, achievements or events that contribute to MIA’s transfiguration or that further develop the GAA will also be included.

This month, the pictures posted in Exhibit A showcase (i) a conceptual design of the Vertically Integrated Cargo Community (VICC) Facility that requires a minimum private investment of \$400 million to construct a vertical four-story cargo facility that will increase MIA’s cargo capacity by at least 50 percent; (ii) the 2023 General Aviation Airport of the Year Award that was presented to Miami Homestead General Aviation Airport’s maintenance team in recognition of superior achievement by the Florida Department of Transportation (FDOT); (iii) images of MIA’s Security CCTV Enhancement project which installed 256 high-performance closed circuit television (CCTV) cameras throughout the main terminal to ensure the safety of airport visitors, passengers and employees; (iv) the largest MDAD bond issuance to-date (Aviation Revenue Refunding Bonds, Series 2024A - \$779.7 million, and Series 2024B - \$138.4 million) that will that reduce MDAD’s debt service payments and offset future increases in operating expenses; and (v) the opening of different airport concessions that will provide MIA customers with more brand choices and retail options.

In compliance with the reporting requirements of Ordinance No. 19-122 before it was amended, Exhibit B provides the status of the capital projects procured and awarded under the seal of the

Ordinance including the estimated contract values, the project qualifications for award and the proposed contract measures. Exhibit C provides the financial status of MDAD's capital projects including detailed project budget information, project expenditures from the time a contract is awarded through project completion, and indicators that flag when project expenditures reach 30 percent, 60 percent, and 90 percent of the approved budget amount. The Summary of Changes shows the differences between the previous month's report (September 2024) and the current month's report (October 2024) facilitating review of the most recent actions.

Pursuant to Ordinance No. 14-65, this memorandum will be placed on a Board agenda for review within 30 days. Should you have any questions or require additional information, please contact Aviation Director, Ralph Cutié, at 305-876-7066.



Jimmy Morales
Chief Operating Officer

- C: Geri Bonzon-Keenan, County Attorney
Gerald Sanchez, First Assistant County Attorney
Jess McCarty, Executive Assistant County Attorney
Office of the Mayor Senior Staff
Ralph Cutié, Director, Miami-Dade Aviation Department
Basia Pruna, Director, Clerk of the Board
Jennifer Moon, Chief, Office of Policy and Budgetary Affairs
Yinka Majekodunmi, CPA, Commission Auditor
Eugene Love, Agenda Coordinator



EXHIBIT A

AUGUST 2024



FUTURE READY



VICC Facility



- July 18, 2024 – the Board of County Commissioners approved a 40-year Master Development & Lease Agreement (MDLA) with Miami Gateway Partners, LLC, a Joint Venture between Airis Aviation Development and the Vantage Airport Group for the development of a 4-story vertical cargo facility approximately 784,087 square-feet in size on 11 acres at MIA. This cargo facility will be known as the VICC Facility.
- The MDLA requires a minimum private investment of \$400 million and is expected to generate approximately \$512 million in revenues to the County over the 40-year lease term.
- The cargo capacity produced by the VICC Facility will allow MIA to meet its projected cargo demand through Year 2041, allowing MIA to retain its status as a "Premier Cargo Hub" and safeguard Miami's commercial dominance in the Americas.
- The VICC is expected to create over 8,500 direct and indirect construction jobs and 2,500 direct and indirect permanent jobs, generating approximately \$600 million in labor income.



GAA Homestead General Airport of the Year

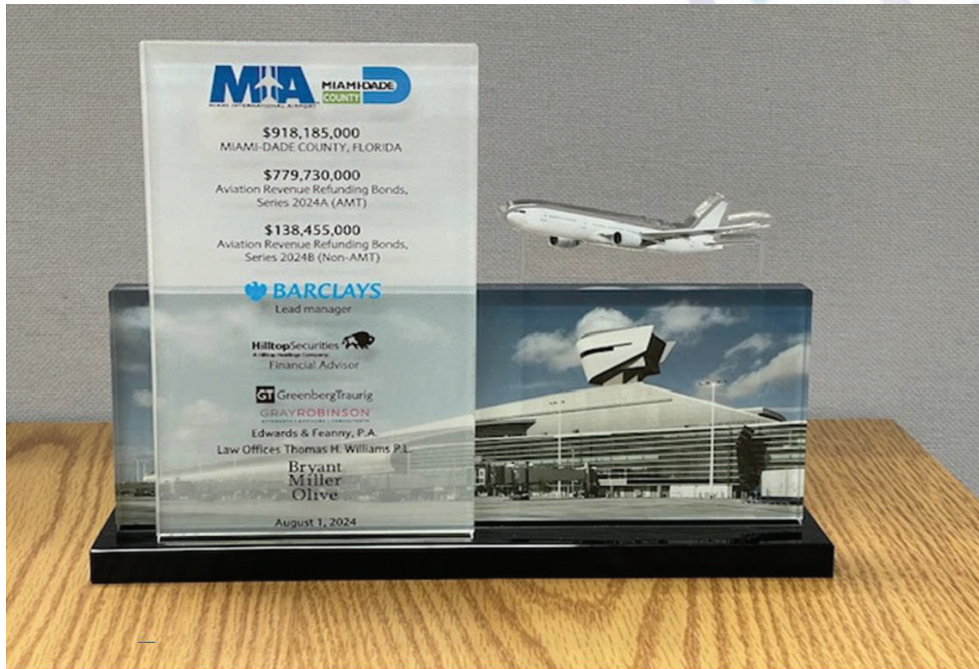


Airport of the Year Award – Miami Homestead General Aviation Airport (X51)

- August 13, 2024 - The Florida Department of Transportation (FDOT) names Miami Homestead General Aviation Airport as “Airport of the Year”.
- David Roberts, State Aviation Manager David Roberts, FDOT, presented this award to Mr. Jonathan Spicer, Airport Operations Supervisor, Airside Operations General Aviation Airport (GAA), in recognition of the effectiveness of the Airport Maintenance team.
- It was said that - The Miami Homestead General Aviation Airport presents a comprehensive picture of safety, multi-use, aesthetics, and management that speaks volumes about its role in the community and the aviation landscape. (FDOT, Award Nomination)



Bond Issuance



Aviation Revenue Refunding Bonds

- On August 1, 2024, MDAD closed on Aviation Revenue Refunding Bonds, Series 2024A (\$779.7 million) and Series 2024B (\$138.4 million).
- This transaction is the largest ever bond issuance for MIA at an approximate par value or original value of \$918.1 million. It involved the refinancing of existing bonds; no new monies were used.
- The savings from refinancing our existing bonds will be spread over 13 years and reduce MIA's annual debt service payments. A reduction in debt service payments helps offset future increases in operating expenses.



MIA Security CCTV Enhancement Project



Security Enhancements at MIA

- In August 2024, the Miami-Dade Aviation Department (MDAD) completed a security enhancement project that added 256 state-of-the-art, high-definition closed-circuit television (CCTV) cameras on the first three floors of MIA's main terminal to ensure the safety and protection of airport passengers and users.
- The new CCTV cameras cover all entrances and exits to the terminal building at all levels. They also cover the vertical cores, public circulation areas, and MIA's baggage claim carousels.
- These CCTV surveillance cameras are vital tools for the security of County facilities (like MIA) as they are used in criminal investigations conducted by the Miami-Dade Police Department, Public Safety & Security (Incident Responses), Risk Management (Claims Cases) and MDAD Operational Surveillance.



Restaurant Opening at MIA

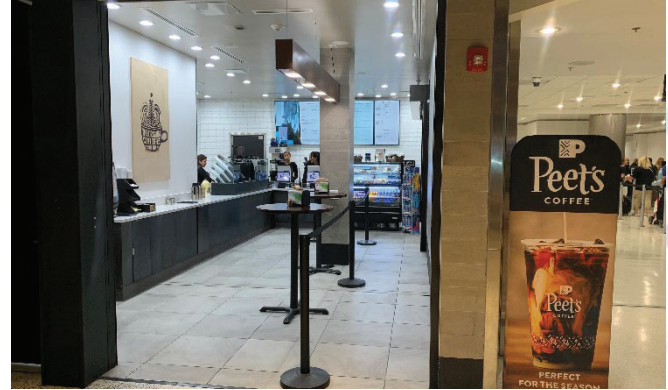


North Terminal Chili's Opening

- Chili's Bar & Grill
- Family-friendly chain serving classic Tex-Mex & American fare in a Southwestern/Miami-style setting.
- Operator Name: Host International, Inc.
- Opening Date: July 27, 2024
- Location: North Terminal - Concourse D, next to Gate D-15



Coffee Store Opening at MIA



North Terminal Food Court, Peet's Coffee Opening

- Peet's Coffee
- Concept: Coffee, Non-Alcoholic Beverages, Baked Goods, Grab & Go
- Operator Name: Master ConcessionAir, LLC
- Opening Date: July 18, 2024
- Location: North Terminal Food Court - Checkpoint #4



Gelato Stand Opening



Central Terminal, Quore Gelato

- QUORE Gelato
- Concept: A perfect blend of the best Italian ice cream created with world-class liqueurs and rich ingredients.
- Operator Name: Host International, Inc.
- Opening Date: July 12, 2024
- Location: Central Terminal - E Satellite



Bar Opening at MIA



South Terminal, The Bar Opening

- The Bar
- Concept: Signature menu, premium spirits, wine, beer, coffee.
- Operator Name: Areas USA, Inc.
- Opening Date: August 16, 2024
- Location: South Food Court



Retail Store Opening at MIA



North Terminal, Sunglass Hut

- Sunglass Hut
- Concept: High-quality fashion and performance sunglasses
- Operator Name: Luxottica
- Opening Date: August 22, 2024 – Re-opening
- Location: North Terminal, Gate D-21



MDC023



P.O. Box 123 552624
Miami, FL 33142-5564
www.iflyMIA.com

Miami-Dade Aviation Department: Aviation Capital Program Report
 Summary of Changes
 October 2024

Exhibit B – Procurement Status – No Changes

Ordinance No. 19-122	Contract Number & Description	Summary of Changes

Exhibit C – Financial Status

Ordinance No. 19-122	Contract Number & Description	Summary of Changes
Yes	Contract No. A19-MDAD-01 MIA Terminal Wide Re-roofing and Lightning System Upgrades Miami Executive Airport	Prior Expenditures: \$4,109,826.22 Current Month Expenditures: \$1,275,927.35 Cumulative Expenditures to Date: \$5,385,753.57
Yes	Contract No. A19-MDAD-02 Notice to Professional Consultants – Facility Design Services	Prior Expenditures: \$6,407,059.90 Current Month Expenditures: \$59,514.54 Cumulative Expenditures to Date: \$6,466,574.44
Yes	Contract No. MDAD-CIP-V009A Miami Executive Airport (TMB) Runway Incursion Mitigation (RIM)	Prior Expenditures: \$11,613,147.11 Current Month Expenditures: \$0.00 Cumulative Expenditures to Date: \$11,613,147.11

Miami-Dade Aviation Department: Aviation Capital Program Report
 Summary of Changes
 October 2024

Yes	Contract No. E20-MDAD-03 Photogrammetric Mapping, Topographic, Planimetric and Light Detection and Ranging (LiDar) Services	Prior Expenditures: \$1,976,211.11 Current Month Expenditures: \$214,211.86 Cumulative Expenditures to Date: \$2,190,422.97
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EXHIBIT B

October 2024



FUTURE READY



Aviation Capital Program Report - Procurement Status

ID: 10

Status: Final Action

Accelerate Ordinance: Yes

District(s): 01, 11

Resolution #: R-842-20

Advertisement Date / COS Begins: 5/1/2020

Contract Number: MDAD-CIP-V009A

Contract Term: 609 Calendar Days to Substantial Completion
90 Calendar Days to Final Completion

Contract Type: Invitation to Bid

Estimated Contract Amount: \$15,856,216.48

Awarded Contract Amount: \$13,301,531.44

OMB Project #: 2000001049

OMB Project Description: Rehabilitate runway 9-27 and construct run-up pad at Miami- Opa-Locka Airport; upgrade security at Miami - Homestead General Aviation Airport; construct runway incursion mitigation option 2- Phase 1, expand south apron for a new taxi lane, construct a new 130-foot high Air traffic Control Tower and construct runway incursion mitigation hot spot 1 with Taxiway H- west extension to Threshold 9R at Miami Executive Airport.

BCC Meeting Date: September 1, 2020

BCC Committee Meeting: N/A

Firm(s) Awarded: H&R Paving, Inc.

Location(s): MIAMI EXECUTIVE AIRPORT

Project Name / Description: Miami Executive Airport (TMB) Runway Incursion Mitigation (RIM).

Proposed Method of Award	Contract Measures	Pre-Proposal Conference / Site Visit	Proposal Due Date	Selection Committee Appt. Date:	Evaluation Meeting Date:	Oral Presentation	1st Tier / Step 1 Selection	2nd Tier / Step 2 Selection	Oral Presentation	Negotiations Meeting Date(s):	Final Action Outcome
Lowest Price / Lowest Responsive, Responsible Bidder	DBE- 13.79%	Pre Proposal Conference- 5/11/2020	6/5/2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Contract Awarded

Comments:

Summary of Minimum Experience & Qualifications: General Contractor: 1) The State of Florida Construction Industry Licensing Board, pursuant to the provisions of Section 489.115 of the Florida Statutes; or 2) The Miami-Dade County Construction Trades Qualifying Board, pursuant to the provisions of Section 10-3 (a) of the Miami-Dade County Code. Holders of Miami-Dade County Certificates of Competency must also hold Certificates of Registration issued by the State of Florida Construction Industry Licensing Board, pursuant to the provisions of Section 489.177, Florida Statutes.



Aviation Capital Program Report - Procurement Status

ID: 11

Status: Final Action

Accelerate Ordinance: Yes

District(s): Various

Resolution #: R-22-22

Advertisement Date / COS Begins: 7/10/2020

Contract Number: A19-MDAD-02

Contract Term: Five (5) years

Award Recommendation Date / COS Ends: 1/19/2022

Contract Type: Notice to Professional Consultants (A/E)

Estimated Contract Amount: \$22,055,000.00

Awarded Contract Amount: \$5,513,750.00

OMB Project #: 2000000094 and 2000000096

OMB Project Description: Renovate Concourse E to include interior, exterior and code requirement upgrades; upgrade passenger loading bridges; replace automated people mover; rehabilitate apron pavement in Concourse E's Satellite and Lower concourse; implement automated processing for inbound international passengers working in conjunction with the Department of Homeland Security utilizing the latest technology and modified Transportation Security Administration (TSA) approved processes; build new chiller plant to meet preconditioned air demands; and upgrade life safety features.

Rehabilitate taxiway T and S; realign taxiway R; construct Airport Operations Control Room (AOC); construct new employee parking garage; replace Concourse E through H ticket counters; and repair MIA parking garage structure.

BCC Meeting Date: 01/19/2022

BCC Committee Meeting: N/A

Firm(s) Awarded: Carty Architecture, LLC Leo A. Daly Company Stantec Consulting Services, Inc. EXP US Services, Inc.

Location(s): ALL AIRPORTS

Project Name / Description: Facility Design Services

Proposed Method of Award	Contract Measures	Pre-Proposal Conference / Site Visit	Proposal Due Date	Selection Committee Appt. Date:	Evaluation Meeting Date:	Oral Presentation	1st Tier / Step 1 Selection	2nd Tier / Step 2 Selection Oral Presentation	Negotiations Meeting Date(s):	Final Action Outcome
Highest Ranked Firm	DBE- 28.00%	Pre-Proposal: 7/17/2020	9/23/2020	Original CSC memo was 09-25-20. The substitution CSC memo was approved on 02-08-21.	N/A	N/A	03/10/2021	N/A	05/25/2021, 5/28/2021 and 06/02/21	Contracts Awarded

Comments:

Summary of Minimum Experience & Qualifications: It is preferred that the Prime consultant have a cumulative five (5) years of experience within the last twenty (20) years modifying and/or designing airport facilities at major airport hubs.



Aviation Capital Program Report - Procurement Status

ID: 12

Status: Final Action

Accelerate Ordinance: Yes

District(s): 06

Resolution #: R-807-21

Advertisement Date / COS Begins: 5/28/2020

Contract Number: A19-MDAD-01

Contract Term: 2555 Calendar Days/Seven (7) years

Award Recommendation Date / COS Ends: 9/1/2021

Contract Type: Notice to Professional Consultants (A/E)

Estimated Contract Amount: \$14,232,603.00

Awarded Contract Amount: \$14,232,603.00

OMB Project #: 2000001043

OMB Project Description: Replace roofing system for entire terminal-wide roof structure; upgrade terminal lighting protection systems; relocate tenants as required; replace passenger boarding bridges and associated equipment at north and central terminals.

BCC Meeting Date: 09/01/2021

BCC Committee Meeting: 07/13/2021

Firm(s) Awarded: EXP U.S. Services, Inc.

Location(s): MIA

Project Name / Description: MIA Terminal Wide Re-roofing and Lightning System Upgrades

Proposed Method of Award	Contract Measures	Pre-Proposal Conference / Site Visit	Proposal Due Date	Selection Committee Appt. Date:	Evaluation Meeting Date:	Oral Presentation	2nd Tier / Step 2 Selection	1st Tier / Step 1 Selection Oral Presentation	Negotiations Meeting Date(s):	Final Action Outcome
Highest Ranked Firm	SBE - A&E 30.00% SBE - Services 2.00%	Pre-Proposal: 6/8/2020	9/2/2020	4/29/2020	10/28/2020	N/A	10/28/2020 N/A		2/11/2021 and 2/18/2021	Contract Awarded

Comments: Awarded on Sept. 1, 2021 by the BCC via R-807-21.

Summary of Minimum Experience & Qualifications: It is highly preferable for the Prime to have at least one staff member that has one of the following roof Registered Water Proofing

Consultant certifications by the Roof Consultants Institute: 1. Registered Roof Consultant (RRC) certification 2. Registered Waterproofing Consultant (RWC)- individual certification 3. Registered Exterior Wall Consultant (REWC)- individual certification 4. Registered Building Envelope Consultant (RBEC)- acquired by having the above three certifications



Aviation Capital Program Report - Procurement Status

ID: 15

Status: Final Action

Accelerate Ordinance: Yes

District(s): Various

Resolution #: R-610-22

Advertisement Date / COS Begins: 4/23/2021

Contract Number: E20-MDAD-03

Contract Term: 5 years, plus one one-year option to renew

Award Recommendation Date / COS Ends: 7/7/2022

Contract Type: Notice to Professional Consultants (A/E)

Estimated Contract Amount: \$8,298,193.75

Awarded Contract Amount: \$8,298,193.75

OMB Project #: N/A

OMB Project Description: N/A

BCC Meeting Date: 7/7/2022

BCC Committee Meeting: 6/7/2022

Firm(s) Awarded: GPI Geospatial, Inc.

Location(s): ALL AIRPORTS

Project Name / Description: Photogrammetric Mapping, Topographic, Planimetric and Light Detection and Ranging (LiDAR) Services

Proposed Method of Award	Contract Measures	Pre-Proposal Conference / Site Visit	Proposal Due Date	Selection Committee Appt. Date:	Evaluation Meeting Date:	Oral Presentation	1st Tier / Step 1 Selection	2nd Tier / Step 2 Selection Oral Presentation	Negotiations Meeting Date(s):	Final Action Outcome
Highest Ranked Firm	SBE A&E- 2% SBE G&S- 1%	Pre-Proposal: 04/30/2021	5/24/2021	5/12/2021	N/A	N/A	First Tier Part 1: 8/25/2021 First Tier Part 2: 10/12/2021 N/A		1/04/2022	Contract Awarded

Comments:

Summary of Minimum Experience & Qualifications: N/A

MDC030



Aviation Capital Program Report - Procurement Status

ID: 17

Status: Final Action

Accelerate Ordinance: Yes

District(s): 01, 11

Resolution #: R-205-24

Advertisement Date / COS Begins:

Contract Number: MDAD-CIP-V009A

Contract Term: 414 day extension

Award Recommendation Date / COS Ends:

Contract Type: Invitation to Bid

Estimated Contract Amount: \$0.00

Awarded Contract Amount: \$0.00

OMB Project #: 2000001049

OMB Project Description: Rehabilitate runway 9-27 and construct run-up pad at Miami-Opa-Locka Airport; upgrade security at Miami - Homestead General Aviation Airport; construct runway incursion mitigation option 2- Phase 1, expand south apron for a new taxi lane, construct a new 130-foot high Air traffic Control Tower and construct runway incursion mitigation hot spot 1 with Taxiway H- west extension to Threshold 9R at Miami Executive Airport.

BCC Meeting Date: 3/19/2024

BCC Committee Meeting: 2/22/2024

Firm(s) Awarded: H&R Paving, Inc.

Location(s): MIAMI EXECUTIVE AIRPORT • MIAMI-OPA LOCKA EXECUTIVE AIRP

Project Name / Description: Change Order No. 001

Proposed Method of Award	Contract Measures	Pre-Proposal Conference / Site Visit	Proposal Due Date	Selection Committee Appt. Date:	Evaluation Meeting Date:	Oral Presentation	1st Tier / Step 1 Selection	2nd Tier / Step 2 Selection Oral Presentation	Negotiations Meeting Date(s):	Final Action Outcome
Lowest Price / Lowest Responsive, Responsible Bidder	DBE- 13.79%	N/A		N/A	N/A	N/A	N/A	N/A	N/A	Ratification was approved.

Comments: RESOLUTION RATIFYING, PURSUANT TO ORDINANCE NO. 19-122 CODIFIED AS SECTION 2-285.2 OF THE MIAMI-DADE COUNTY CODE, THE ACCEPTANCE AND EXECUTION OF CHANGE ORDER NO. 001 TO CONSTRUCTION CONTRACT NO. MDAD-CIP-V009A BETWEEN MIAMI-DADE COUNTY AND H&R PAVING INC., AUTHORIZING THE TRANSFER OF UNUSED FUNDS IN THE AMOUNT OF \$353,138.00 FROM THE CONTRACT'S PERMIT ALLOWANCE ACCOUNT TO THE GENERAL ALLOWANCE ACCOUNT AND PROVIDING FOR A 414 DAY TIME EXTENSION; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE ALL THE PROVISIONS OF SECTION 2-285.2 OF THE CODE INCLUDING THE AUTHORITY TO RESOLVE DISPUTES, NEGOTIATE CLAIMS AND EXECUTE CHANGE ORDERS TO SAID CONTRACT.

Summary of Minimum Experience & Qualifications:

MDC031



EXHIBIT C

October 2024



FUTURE READY



Aviation Capital Program Report - Financial Status

Contract No.	Project Description	Project Phase	Estimated Completion Date	FY 2023-2024 Adopted Budget Amount	Current Approved Budget Amount	Prior Expenditures	Current Month Expenditures	Cumulative Expenditures to Date	Expenditures Indicator at 30%	Expenditures Indicator at 60%	Expenditures Indicator at 90%	Comments
A19-MDAD-02	Notice to Professional Consultants - Facility Design and Construction Inspection Services	Awarded	09/25/25	22,055,000.00	22,055,000.00	6,407,059.90	59,514.54	6,466,574.44	-	-	-	Project awarded on 1/19/2022.
A19-MDAD-01	MIA Terminal Wide Re-roofing and Lighting System Upgrades	Awarded	09/25/27	14,232,603.00	14,232,603.00	4,109,826.22	1,275,927.35	5,385,753.57	X	-	-	Project awarded on 9/1/2021.
E20-MDAD-03	Photogrammetric Mapping, Topographic, Planimetric and Light Detection and Ranging (LiDAR) Services	Awarded	10/23/27	8,298,193.75	8,298,193.75	1,976,211.11	214,211.86	2,190,422.97	-	-	-	Project awarded on 7/7/2022.
MDAD-CIP-V009A	Miami Executive Airport (TMB) Runway Incursion Mitigation (RIM)	Awarded	06/08/24	15,856,216.00	13,301,531.00	11,613,147.11	-	11,613,147.11	X	X	-	Project awarded on 7/30/2020.
TOTAL				60,442,012.75	57,887,327.75	24,106,244.34	1,549,653.75	25,655,898.09				