

# Capital Improvement Project Status Report

## January and February 2022

### **I. Projects in Planning**

#### **#6385 18 HCAA Website Rebuild**

*Substantial Completion:* TBD  
*Current Budget:* \$540,600  
*Consultant:* TBD  
*Airport:* Tampa International, Peter O. Knight,  
Tampa Executive, and Plant City

*Project Description:* The scope of the project is to refresh the Airport's public website. The project will incorporate current design trends and technologies to deliver a more engaging and accessible site for airport patrons.

*Project Status:* The Authority has cancelled the solicitation and is evaluating and revising the scope pending Executive approval of the effort.

#### **#6565 19 Public Safety System Upgrade**

*Substantial Completion:* June 2022  
*Current Budget:* \$1,111,500  
*Consultant:* TriTech Software Systems  
*Airport:* Tampa International

*Project Description:* The scope of this project is to upgrade the Public Safety software used by the Police Department. Much of this software is over 18 years old and the upgrades and enhancements will improve the user interface allowing the Authority's Police department to expedite administrative tasks, include robust mobility for officers in the field, provide more accurate location information and more efficient dispatching, and allow more efficient incident reporting and streamlined statistical reporting to enable the creation and sharing of reports.

*Project Status:* Substantial completion occurred in late October 2020 by bringing the records management system (RMS), the computer-aided dispatch (CAD) system, RMS Mobile, and Field Ops into production. The vendor was delayed in completing the RMS data migration from the legacy RMS system; this delayed the final two interfaces, TRACS and LINX, which are anticipated to go live in June 2022.

**#6660 19 Noise Study**  
**AIP 03-12-0078-66-2019**

*Substantial Completion:* May 2022  
*Current Budget:* \$627,800  
*Consultant:* Environmental Science Associates  
*Airport:* Tampa International

*Project Description:* The scope of this project is to formally update the Noise Exposure Map (NEM). The last formal update was completed and approved in 2000. The formal NEM update will be conducted in accordance with 14 C.F.R. Part 150.

*Project Status:* In November 2019 the FAA published a draft terminal area forecast (TAF) which included projections based on COVID impacts. In January 2021, Environmental Science Associates (ESA) worked with the Authority to gain FAA approval on the methodology used for the number of aircraft operations used for the current and five-year look ahead with respect to projected noise impacts. The Authority provided a memo to the FAA in January 2021 to gain approval on forecasting methodology and FAA approval was received. ESA's draft report and noise contours was completed for Public outreach in October with submission of the final report to the FAA in December 2021. It is anticipated that the FAA will provide approval of the study in the first quarter of 2022.

**#6715 20 Bag Claim Carpet Replacement**

*Substantial Completion:* August 2024  
*Current Budget:* \$1,514,100  
*Design-Builder:* DPR  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to replace the carpet in the red and blue sides Baggage Claim level which has reached the end of its service life, as well as some of the back-of-house flooring in the Main Terminal.

*Project Status:* This project was originally deferred to a future fiscal year as a cost cutting measure due to COVID-19 impacts. The project has been included as part of the larger design-build project for 8430 22 Baggage Claim Level Ceiling Replacement. However, the project will continue to be tracked and reported separately as the original 6715 20 project number. The technical evaluation of the RFQ responses was completed and the selection of the Design-Builder occurred at the February Board meeting and the Part 1 design services contract is scheduled for award at the April 2022 Board meeting.

**#6740 20 Tampa Executive Airport Master Plan Update**

*Substantial Completion:* September 2023  
*Current Budget:* \$709,200  
*Consultant:* Ricondo  
*Airport:* Tampa Executive

*Project Description:* The purpose of this project is to update the Airport Master Plan for Tampa Executive Airport (VDF). The update is needed to reassess future projections of airport activity, identify options to capitalize on the Authority’s real estate holdings, define optimal uses for airport property and adjacent land parcels, evaluate the airfield geometry for compliance with FAA AC 150/5300-13A, Change 1, address new environmental and other regulatory constraints, and plan for an appropriate mix of land users to support projected aviation and non-aviation needs.

*Project Status:* The update of the Master Plan for VDF will build on the pre-planning tasks/visioning that was completed in the fall/winter 2020 which resulted in the development of three possible development strategies for the airport. Ricondo is finalizing the scope to allow this work to fit in with TPA’s Master Plan Update. The scope of work for this project has been finalized and coordinated with Authority staff. This scope of work has also been reviewed and coordinated with the FAA Orlando Airport District Office (ADO). A Work Order was prepared, approved, and processed to initiate the project.

**#6745 21 Wildlife Management Program – Phase 1**

*Substantial Completion:* March 2023  
*Current Budget:* \$639,300  
*Consultant:* APTIM/Blue Wing Environmental  
*Contractor:* N/A  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to deliver a multi-phase comprehensive program that will update and improve Tampa International Airport’s existing airport wildlife management program to ensure long-term compliance with 14 CFR §139.337 – Wildlife Hazard Management.

*Project Status:* On-site and off-site fixed point wildlife observations and quarterly terminal/ramp inspections have been conducted by Blue Wing. On July 9, 2021, the project team held a mid-year meeting to review the 6-month data collection summary and discuss the remaining project tasks and schedule. In the first 6 months of data collection, there were 19,771 animals counted with gulls (2,637) being the most numerous groups of birds counted. Monthly motion detection wildlife camera images from various locations on the AOA, continued to be collected. Interviews with airport stakeholders were conducted in September and October as well as the fall mammal trapping event. Data collection was completed in November. The Draft WHA report was submitted to the Authority in mid-January 2022.

**#6800 22 Replace Airfield Perimeter Fence  
FDOT F.M. #448841-1**

*Substantial Completion:* October 2024  
*Current Budget:* \$11,606,000  
*Consultant:* TBD  
*Contractor:* TBD  
*Airport:* Tampa International

*Project Description:* The purpose of this project is the replacement of existing airfield perimeter fence with new fence including wildlife exclusion barriers and access control upgrades.

*Project Status:* RFQ responses for design professional services were received and are in review. The design professional selection will be made at the March 2023 Authority Board meeting.

**#6820 21 IT FY21 Capital Commodity Plan**

*Substantial Completion:* September 2021  
*Current Budget:* \$1,500,000  
*Consultant:* N/A  
*Contractor:* N/A  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to purchase IT equipment and other associated ancillary items in a phased refresh cycle to ensure the stability and reliability of the Authority technology infrastructure.

*Project Status:* The project is 95% procured for the required equipment but supply chain delays have caused this to extend beyond the original dates. An updated schedule for adjusted dates will be presented to the Development Committee for approval in April.

**#6835 21 Baggage Belt LED Replacement**

*Substantial Completion:* June 2022  
*Current Budget:* \$1,200,000  
*Design-Builder:* TBD  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to replace the current rectangular shaped 43-inch monitors that are located above the baggage claim belt tips that display the flight number and the originating city of the bags being delivered on that belt.

*Project Status:* The project was put on hold to have included as part of the larger design-build procurement for 8430 22 Baggage Claim Level Ceiling Replacement project. The project will continue to be tracked and reported on separately. The Technical Evaluation of the RFQ responses was completed and the selection of the Design-Builder occurred at the February Board meeting and the Part 1 Professional Fee contract is on schedule for award at the April 2022 Board meeting.

**#6890 22 Landside Airline Space Rehabilitation**

*Substantial Completion:* August 2022  
*Current Budget:* \$298,600  
*Consultant:* N/A  
*Contractor:* In House Projects Team  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to refurbish the airline ticket counter, office spaces, break rooms, and baggage service office located within the Main Terminal.

*Project Status:* The In-House Projects Team has started this work.

**#6910 22 LTPG Level 6 Rehabilitation & Stair Tower/Elevator Penthouse Roof Replacement**

*Substantial Completion:* August 2023  
*Current Budget:* \$3,161,000  
*Consultant:* Walker  
*Contractor:* TBD  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to rehabilitate and extend the life of the Long Term Parking Garage.

*Project Status:* The 30% design submittal was received on February 21, 2022, and is under review.

**#6915 22 Master Plan Update 2022**

**FDOT F.M. #444775-1**

*Substantial Completion:* September 2023  
*Current Budget:* \$4,159,000  
*Consultant:* Ricondo  
*Contractor:* NA  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to update the Airport Master Plan. The Federal Aviation Administration (FAA) recommends that airports update their Master Plan at least every five to ten years or when there has been a significant shift in operations or business model. The last update was the 2012 Master Plan with a 2016 Addendum.

*Project Status:* The Authority’s Master Plan Consultant, Ricondo, has started their initial tasks centering on the data collection and passenger forecasts.

### **#6920 22 IT FY22 Capital Commodity Plan**

*Substantial Completion:* September 2022  
*Current Budget:* \$1,500,000  
*Consultant:* N/A  
*Contractor:* N/A  
*Airport:* Tampa International

*Project Description:* The scope of this project is to purchase information technology equipment and other associated ancillary items in a phased refresh cycle to ensure the stability and reliability of the Authority's technology infrastructure.

*Project Status:* This project is underway and due to industry limitations procurements have been slower than normal, but it remains on time and on schedule. At the April Development Committee meeting, an updated schedule will be presented to explain the ongoing and continuous delays being experienced with industry equipment availability.

### **#6925 22 CCTV Server and Storage Refresh**

*Substantial Completion:* April 2022  
*Current Budget:* \$1,290,000  
*Consultant:* N/A  
*Contractor:* N/A  
*Airport:* Tampa International

*Project Description:* The scope of this project is to replace the servers and storage arrays for the closed-circuit television (CCTV) system.

*Project Status:* Replacement CCTV archiver servers have been installed and configured. Migration of data from existing systems is ongoing and shutdowns and removal of existing storage continues.

### **#6930 22 LTPG Elevator Room A/C Replacement**

*Substantial Completion:* January 2023  
*Current Budget:* \$436,200  
*Consultant:* RS&H  
*Contractor:* TBD  
*Airport:* Tampa International

*Project Description:* The scope of this project is to replace the air conditioning units in the elevator equipment rooms in the Long Term Parking Garage.

*Project Status:* The 90% design submittal was received in February.

### **#6935 22 East & West Vault Emergency Generator & Switch Replacement**

*Substantial Completion:* November 2022  
*Current Budget:* \$752,200  
*Consultant:* RS&H  
*Contractor:* TBD  
*Airport:* Tampa International

*Project Description:* The scope of this project is to replace the 1990s vintage generators and automatic transfer switches in the east and west airfield lighting vaults that have reached the end of their lifecycle.

*Project Status:* A Sourcewell government cooperative contract with Ring Power, Inc for replacement of the generators and transfer switches was utilized to procure the materials and services identified in this scope of work. The agreement is going to the March Board meeting for approval and then a purchase order will be issued. The equipment has a long lead time and construction is expected to begin in the third or fourth quarter of 2022.

### **#6945 22 Tampa Executive Airport Chiller System Replacement**

#### **FDOT F.M. #436809-1**

*Substantial Completion:* August 2022  
*Current Budget:* \$609,100  
*Consultant:* RS&H  
*Contractor:* TBD  
*Airport:* Tampa Executive

*Project Description:* The scope of this project is to replace the air-cooled chiller system and building controls system serving the Main Terminal building at Tampa Executive Airport, which has reached the end of its lifecycle.

*Project Status:* The final design submittal was received were received in February.

### **#6955 22 Payroll Timekeeping System Replacement**

*Substantial Completion:* June 2022  
*Current Budget:* \$226,900  
*Consultant:* N/A  
*Vendor:* Kronos  
*Airport:* Tampa International

*Project Description:* The scope of this project is to replace the KABA timekeeping system for hourly employees as the software will be de-supported by the vendor at the end of 2022 and the time clocks have already passed their end-of-life support.

*Project Status:* The project completed important milestone data collection from the departments and payroll. The vendor will now build the initial software for Authority teams to test.

**#6965 22 ARFF 90-7697 Oshkosh T3000 Vehicle Replacement**

*Substantial Completion:* September 2022  
*Current Budget:* \$825,000  
*Manufacturer:* Pierce

*Airport:* Tampa International

*Project Description:* The scope of this project is to replace existing 25-year-old ARFF 90-7697 vehicle that is beyond its useful life.

*Project Status:* The Vehicle specs have been determined and waiting to hear from the manufacturer about the production schedule.

**#8410 21 TPA Real Estate Development**

*Substantial Completion:* September 2022  
*Current Budget:* \$250,000  
*Consultant:* RS&H  
*Contractor:* TBD  
*Airport:* Tampa International

*Project Description:* The purpose of this project is a multi-year project of on-call development support services, planning, preliminary engineering, design, and construction for the future commercial development of various locations.

*Project Status:* Task No. 1 consisted of a plan in the Drew Park area to restrict access on private roads to discourage illegal dumping on the Authority property. Task No. 2 consisted of the development of a conceptual site layout for a potential future hangar facility located in the Eastside Development Area. Task No. 3 consisted of conceptual site layouts for new MRO and cargo hangar facilities in the Eastside Development area. Task No. 4 is the layout of a second office building and a concept for the site north of Economy Parking Road.

**#8425 22 Main Terminal Airside D Shuttle Station - Construction**

*Substantial Completion:* March 2025  
*Current Budget:* \$26,425,800  
*Design-Builder:* Hensel Phelps Construction  
*Airport:* Tampa International

*Project Description:* The scope of this project is for the construction only of the Main Terminal Airside D Shuttle Station as part of the Main Terminal Red Curbside Expansion program.

*Project Status:* The Design-Builder started the GMP bidding process in October for this element of the 8230 18 Red Side Express Curb Expansion project which will be included as part of the future Supplemental Part 2E Contract.



**#8430 22 Bag Claim Ceiling Replacement**

**AIP 03-12-0078-75-2021**

*Substantial Completion:* April 2024  
*Current Budget:* \$20,100,000  
*Design-Builder:* TBD  
*Airport:* Tampa International

*Project Description:* The scope of this project is to replace the bag claim ceiling system and associated mounting systems in conjunction with updates to the overall ceiling architecture consistent with other recently updated high-traffic public terminal areas.

*Project Status:* The Design-Builder was selected at the February Board meeting and the Part 1 design contract is scheduled to be awarded at the April 2022 Board meeting.

## II. Projects in Design

### **#5985 13 Commercial Real Estate Development – Preliminary Planning & Design**

*Substantial Completion:* May 2021  
*Current Budget:* \$3,625,000  
*Consultant:* Stantec  
*Airport:* Tampa International

*Project Description:* The scope of this project is to assist the Authority with investigating the possibility of a multi-phase, multi-year plan to subdivide and develop TPA’s available/underutilized properties for future facilities in order to meet demand forecast for commercial real estate. This project also includes the development of the project manual for the SkyCenter (formerly the Gateway Development Area) office complex.

*Project Status:* The vacating of roadways and curing title issues and easements in the Eastside Development Area has been completed. Funding is included for the oversight of projects being constructed by other companies, such as CAE’s new USA Headquarters complex. The consultant’s efforts are also tied to projects 8225 17 and 8226 17. SkyCenter One has reached Substantial Completion, therefore, work in support of this project is winding down. The contract with Stantec has reached its end. Stantec will be completing work that is in progress and no additional work will be added to their contract.

### **#6500 17 HCAA Enterprise Geographical Information System (eGIS) and Asset Management Program**

*Substantial Completion:* March 2022  
*Current Budget:* \$1,586,000  
*Consultant:* Environmental Systems Research Institute (Esri)  
*Airport:* Tampa International

*Project Description:* The scope of this project is to implement an enterprise Geographical Information System (eGIS) based on the data delivered in the AGIS Project and make functional use of it within the Authority as mandated by the FAA for all airports. This project will also implement an asset management system for the use of Operations and Maintenance departments to use in daily inspections.

*Project Status:* The Authority’s Planning and Development staff have scheduled a meeting with Woolpert to review the last of the deliverables. These deliverables include FME Safe software ETL for conversion of CAD standard DWG files to a GIS format. Support and coordination with Ricondo for the update of the Exhibit A and Airport Layout Plan (ALP) GIS data sets is continuing. A presentation to the Authority’s IT GIS team is planned for early March.

### **#6765 22 General Aviation Facilities Rehabilitation**

#### **FDOT F.M. #448841-1**

<i>Substantial Completion:</i>	September 2023
<i>Current Budget:</i>	\$3,997,000
<i>Consultant:</i>	RS&H
<i>Contractor:</i>	TBD
<i>Airport:</i>	Peter O. Knight (TPF), Tampa Executive (VDF), & Plant City (PCM)

*Project Description:* The purpose of this project is to extend the useful life of various hangars and facilities at all three General Aviation (GA) airports exhibiting signs of deterioration which warrants rehabilitation and to maintain the high standard of facilities provided by the Authority to its tenants.

*Project Status:* The project received its 30% design submittal in late January and is on schedule for its upcoming 60% design submittal at the end of April.

### **#6785 21 Common Shared Use Passenger Processing System (C/SUPPS) – Phase 3**

#### **FDOT F.M. #438715-1**

<i>Substantial Completion:</i>	July 2022
<i>Current Budget:</i>	\$2,775,000
<i>Consultant:</i>	RS&H
<i>Contractor:</i>	TBD
<i>Airport:</i>	Tampa International

*Project Description:* The purpose of this project is to provide C/SUPPS for additional airlines, gates, ticket counters, and required technology. Phase 3 deployment will be limited to portions of the Airside, Main Terminal Ticket Level, and Airline operational space.

*Project Status:* The 60% design submittal occurred September 2021. During the course of design it was determined that minimal scope remains but requires air carrier coordination before the construction can be performed on ticket counters and gates. As such, the project will remain open as a funding source and the scope will be completed by Authority ITS staff with the utilization of State approved contractors. This approach is ultimately anticipated to reduce costs and allow construction to begin once the details of each ticket counter and gate podium/counter have been coordinated with the air carrier.

### **#6860 21 Airside Guideways & Bridges Rehabilitation**

<i>Substantial Completion:</i>	September 2022
<i>Current Budget:</i>	\$2,497,800
<i>Consultant:</i>	Walker Consultants
<i>Contractor:</i>	One Source Restoration
<i>Airport:</i>	Tampa International

*Project Description:* The purpose of this project is to rehabilitate each of the four Airside guideways; also, the Taxiway B bridge and a Service Road bridge to extend the service life.

*Project Status:* The construction contract has been terminated for convenience by the Authority on February 14, 2022. The project will re-start at a later date.

**#6875 21 Employee Bus Replacement  
AIP 03-12-0078-73-2021**

*Substantial Completion:* August 2023  
*Current Budget:* \$5,569,300  
*Consultant:* RS&H  
*Contractor:* BYD  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to replace the employee bus fleet for the service user of the North Employee Lot. It will be a mix of leased diesel buses (O&M) along with the purchase of four electric buses.

*Project Status:* The buses are on order and the 100% design for the charging station infrastructure was completed in December 2021 and advertised for bidding in January 2022.

**#6895 22 FedEx Roof Replacement & Exterior Rehabilitation**

*Substantial Completion:* May 2023  
*Current Budget:* \$3,751,500  
*Consultant:* Walker  
*Contractor:* TBD  
*Airport:* Tampa International

*Project Description:* The purpose of this project is an installation of a new roof on the FedEx Cargo facility and the rehabilitation of additional building envelope components.

*Project Status:* The Board approved the project at the September 2021 Board meeting and design was kicked off in November 2021. The project is currently on schedule for its upcoming 30% design submittal in March 2022.

**#6950 22 Taxiway Edge Light Replacement**

*Substantial Completion:* July 2022  
*Current Budget:* \$501,200  
*Consultant:* RS&H  
*Contractor:* TBD  
*Airport:* Peter O. Knight

*Project Description:* The scope of this project is to replace taxiway edge lights and cables in the existing base cans and conduits.

*Project Status:* The Final design submittal was received on January 10, 2022, and the project went out for bid. Bids are due in early March.

**#6960 22 Airfield Maintenance Building Interior Refurbishment**

*Substantial Completion:* July 2023  
*Current Budget:* \$4,889,300  
*Consultant:* RS&H  
*Contractor:* TBD  
*Airport:* Tampa International

*Project Description:* The scope of this project is to refurbish the main staff occupied portions and other associated facility improvements. The interior finishes, systems and furniture of the building has reached the end of its useful life and requires replacement.

*Project Status:* The Board approved the project at the September Board meeting. The design started in October and the 30% design submittal was completed in January 2022. The 60% design submittal is scheduled for May 2022 and construction contract award is anticipated in December 2022.

**#8240 19 Air Cargo Expansion**

**FDOT F.M. #442095-1**

*Substantial Completion:* December 2023  
*Current Budget:* \$91,065,000  
*Design-Builder:* The Middlesex Corporation/AECOM  
*Airport:* Tampa International

*Project Description:* The scope of this project is the development of new air cargo facilities in the East Development Area and will include cargo facilities, site development, taxiways, aircraft parking aprons, ground service equipment storage areas, landside roadway access improvements, aircraft fueling facilities and trailer staging areas.

*Project Status:* The Part 2 GMP was provided to the Authority in May 2020. Due to the impacts from COVID-19, the Air Cargo Expansion project was deferred. The project has been reactivated to finalize the design and start construction in Q1 of 2022. In the near term, this project funded the construction of a new Truck Rack Fueling System located at the fuel farm on the behalf of the Tampa Fuel Committee. The estimated cost of this work is \$2,380,000. The construction phase is complete, and the truck rack portion of the project is in closeout.

An early Part 2 contract will go to the Board in March for the pre-engineered metal building for UPS with a Part 2B contract for the remainder of the project anticipated in June.

**#8330 20 North Remain Overnight (RON) Parking Apron**

**FDOT F.M. #446920-1**

*Substantial Completion:* TBD  
*Current Budget:* \$23,118,800  
*Consultant:* Kimley-Horn and Associates, Inc.  
*Contractor:* TBD  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to build a Remain Overnight (RON) parking area for up to 12 aircraft and a Ground Service Equipment storage area north of Taxiway A.

*Project Status:* Design professional services commenced on October 1, 2019. The 90% design documents were submitted on March 31, 2020. This project was deferred due to the COVID-19 pandemic and will be coordinated with the timing of the Airside D Program.

### **#8420 21 Airside A and C Shuttle Car and Control System Replacement**

#### **FDOT F.M. #447220-1, 448026-1**

<i>Substantial Completion:</i>	February 2025
<i>Current Budget:</i>	\$74,092,700
<i>Consultant:</i>	Alstom (Bombardier Technologies)
<i>Contractor:</i>	Lavandera
<i>Airport:</i>	Tampa International

*Project Description:* The purpose of this project is to replace the system wide shuttle train control system (Phase 1) and the associated eight total shuttle cars at Airsides A and C (Phase 2) in a multi-phased, multi-year approach. The purchase of the new shuttle cars was a FY22 initiative, and the budget was increased at that time.

*Project Status:* Lavandera (electrical sub) has been on-site continuing to make progress on the installation of the infrastructure upgrades and is nearing completion. Alstom is finalizing their software design and is preparing for testing/commissioning of the new controls to begin in March.

The design of the new shuttle cars and new signaling system has begun and Alstom held 2 design review meetings in anticipation of the Concept Design Review milestone in March.

### **#8435 22 Airside A and E Security Screening Checkpoint Expansion**

<i>Substantial Completion:</i>	March 2024
<i>Current Budget:</i>	\$53,910,000
<i>Design-Builder:</i>	Suffolk Construction
<i>Airport:</i>	Tampa International

*Project Description:* The scope of this project is to expand the security screening checkpoint areas at both Airsides A and E to meet capacity demands.

*Project Status:* Part 1 contract negotiations with the successful Design builder were completed and the contract was awarded at the February Board meeting. A Notice to Proceed with the project design was issued and the Design-Builder is working towards a 30% Schematic Design deliverable due in April 2022.

### **#8805 17 Airport Security System Replacement (ASSR) – Design Only**

#### **AIP 03-12-0078-65-2019; FDOT F.M. #425920-2**

<i>Substantial Completion:</i>	September 2018
<i>Current Budget:</i>	\$2,785,000
<i>Design-Builder:</i>	The Beck Group
<i>Airport:</i>	Tampa International

*Project Description:* The scope of the project is to study and design a new Airport Access Control (AAC) and Closed-Circuit Television (CCTV) system for the airport. Additionally, a Security Master Plan will be developed.

*Project Status:* The design for this project is complete. The construction for this project is being conducted per project 8320 19.

### **III. Projects Undergoing Construction/Implementation**

#### **#5991 14 Checked Baggage System Upgrades & Optimization**

**FDOT F.M. #429607-1, 428057-2**

*Substantial Completion:* September 2022  
*Current Budget:* \$56,124,600  
*Consultant:* Corgan Associates, Inc.  
*Contractor:* Hensel Phelps Construction  
*Airport:* Tampa International

*Project Description:* The scope of this project provides for the design and construction of the checked baggage system upgrades and optimization. The project includes all necessary facility modifications required for the reconstruction and optimization of the Checked Baggage Inspection System (CBIS) to include changes to baggage conveyors systems, programming, mechanical, plumbing, electrical, structural, telecommunications, and other infrastructure as necessary.

*Project Status:*

Airside C: A significant portion of the mechanical and electrical systems have been installed. Most all of Baggage Handling System (BHS) components (i.e., catwalks, conveyors, peripheral devices) have been installed with the BHS conveyor tie-ins between old and new are on-going. High and low level controls modifications are being made. Inspection and testing of BHS sections (“test loops”) are ongoing. Testing and commissioning of the system is nearly complete, with final TSA testing schedule to start the week of March 21, 2022. All systems are being prepared for final testing and Go Live, which is scheduled for early 2022 through July 2022.

A-Sort Building: A significant portion of the mechanical and electrical systems have been installed. Most all of Baggage Handling System (BHS) components (i.e., catwalks, conveyors, peripheral devices) have been installed with the BHS conveyor tie-ins between old and new are on-going. High and low level controls updates are being made. Inspection and testing of BHS sections (“test loops”) are ongoing. Testing and commissioning of the system is nearly complete, with final TSA testing schedule is anticipated to start the week of March 28, 2022. All systems are being prepared for final testing and Go Live, which is scheduled for early 2022 through July 2022.

Main Terminal: No construction activities currently taking place.

#### **#6155 14 & #6156 15 Replace Parking Revenue Control System – Phase I & Phase II**

*Substantial Completion:* March 2020  
*Current Budget:* \$14,916,600  
*Design-Builder:* Manhattan Construction  
*Airport:* Tampa International

*Project Description:* The scope of the project is to develop and deploy a new Parking Access Revenue Control System (PARCS) to consolidate all relevant parking and commercial vehicle operations into one fully functional management platform. Included in the project scope is a parking count by level system, license plate recognition, LED signage integration, SunPass Plus, and reconfiguration of the exit plaza for Short and Long Term Parking.

*Project Status:* New screens and touchless sensors were installed to facilitate touchless ticket dispensing. Labeling standards are being evaluated for inclusion in new graphic wraps being installed.

### **#6157 16 Replace Parking Revenue Control System – Phase III**

*Substantial Completion:* March 2020  
*Current Budget:* \$5,430,500  
*Design-Builder:* Manhattan Construction  
*Airport:* Tampa International

*Project Description:* The scope of this project is to deliver ground transportation system (GTS) software including an automatic vehicle identification (AVI) system. The project also includes a parking count by level parking guidance system (PGS) for the Long Term Parking Garage.

*Project Status:* The online booking system is in development.

### **#6495 17 TEA Access Control System Upgrades**

#### **FDOT F.M. #429617-1**

*Substantial Completion:* April 2022  
*Current Budget:* \$1,204,400  
*Consultant:* RS&H  
*Contractor:* Foresight  
*Airport:* Tampa Executive

*Project Description:* The scope of this project is to upgrade the existing system or provide a newer system along with expanded coverage to include the perimeter vehicle gates which currently operate as standalone systems. This expansion will provide a single airport wide system that can control and monitor all secure area access points locally or from a remote location such as the Airport Operations Center at Tampa International Airport.

*Project Status:* Completion of the project has been delayed due to incompatibility between newly installed equipment and HCAA security protocols. The designers and Authority IT staff are working to make hardware and software adjustments. The anticipated new Substantial Completion date is now April 2022.

### **#6530 18 North Air Cargo Facility Redevelopment**

*Substantial Completion:* TBD  
*Current Budget:* \$9,050,700  
*Consultant:* RS&H  
*Contractor:* TBD  
*Airport:* Tampa International

*Project Description:* The scope of this project initially was to provide temporary cargo operations space. In addition, the North Cargo Road was widened, and some airfield lighting added. Since this facility will still be required even after the Eastside Cargo expansion is complete the project budget was increased to provide for facility improvements to the North Air Cargo Facility, including full roof replacement, truck court pavement repairs, expanded employee parking and relocation of the on-apron service road.

*Project Status:* Project just starting the design with RS&H.



**#6595 19 Short Term Parking Garage Helix Lighting Replacement**

*Substantial Completion:* TBD  
*Current Budget:* \$546,600  
*Consultant:* RS&H  
*Contractor:* TBD  
*Airport:* Tampa International

*Project Description:* The scope of this project is to rehabilitate the existing lights in the parapet walls and ceiling on the up and down helixes.

*Project Status:* The project has been deferred for cost cutting measures due to COVID-19.

**#6615 19 Fire Suppression Tank Rehabilitation  
FDOT F.M. #435233-1**

*Substantial Completion:* February 2022  
*Current Budget:* \$750,900  
*Consultant:* RS&H  
*Contractor:* Johnson-Laux  
*Airport:* Tampa Executive

*Project Description:* The scope of this project is to rehabilitate the fire suppression systems at Hangars 3700/3800 and 4800. Work will include cleaning and repair of existing fire pump, lines and screen; repair/replacement of the fire pump controllers and tank bladder replacement.

*Project Status:* As of this reporting period, the contractor has completed installation of new fire suppression equipment at buildings 3700, 3800, and 4800. The project scope has been expanded to include replacement of additional equipment found to be defective during testing. Completion of new work anticipated in June 2022.

**#6685 20 Long Term Parking Garage Elevator Rehabilitation**

*Substantial Completion:* September 2021  
*Current Budget:* \$3,900,600  
*Contractor:* Schindler Elevator Company  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to rehabilitate the elevator equipment installed in the Long Term Parking Garage (LTPG). Each of the four elevators in the four elevator banks of the LTPG will get new control systems, new microprocessor AC drives, and replace existing gear machines with new Schindler Modular Gearless, FMM-200 Machines.

*Project Status:* The last component of the project is the refurbishment of the elevator walls fabric.

### **#6855 21 Main Terminal Complex Structural Envelope Restoration**

*Substantial Completion:* August 2022  
*Current Budget:* \$2,106,900  
*Consultant:* Walker Consultants  
*Contractor:* One Source Restoration & Building Service, Inc.  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to conduct restoration on building envelope of each Airside building and the Main Terminal to extend the service life of the building envelopes.

*Project Status:* Construction activities include prep, painting, cold galvanizing, and concrete wall/column repairs continue.

### **#6750 21 Pavement Rehabilitation**

#### **FDOT F.M. #438715-1**

*Substantial Completion:* June 2022  
*Current Budget:* \$2,578,200  
*Consultant:* RS&H  
*Contractor:* Ajax Paving Industries of Florida  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to repair, rehabilitate, and/or replacement of damaged or worn-out pavements throughout the airfield with a focus on asphalt pavements.

*Project Status:* The construction contract was awarded at the November 4, 2021, Board meeting to Ajax Paving Industries of Florida, LLC and the Notice to Proceed with construction was issued on December 6, 2021. Construction on Runway1R-19L is complete and work on Runway 10-28 is ongoing.

### **#6755 21 STPG, Tug Tunnels, & Quad Decks Rehabilitation**

*Substantial Completion:* September 2022  
*Current Budget:* \$2,159,700  
*Consultant:* Walker Consultants  
*Contractor:* Restocon Corporation  
*Airport:* Tampa International

*Project Description:* The purpose of this project is to rehabilitate and extend the life of the Short Term Parking Garage.

*Project Status:* Construction has started. Rehabilitation of the Short Term Parking Garage (STPG) Helices is complete. Additionally, rehabilitation of the STPG stairwells is complete. The contractor is currently working on the rehabilitation of the Economy Parking Garage Green Core stairwells and the STPG façade. The next phase involves the coating and restoration of the Expansion Joint in the West Quad Deck followed by the East Quad Deck and the Tug Tunnels.

### **#6780 21 Main Terminal Elevator Modernization**

#### **FDOT F.M. #438709-1**

<i>Substantial Completion:</i>	June 2023
<i>Current Budget:</i>	\$7,455,000
<i>Consultant:</i>	N/A
<i>Contractor:</i>	Schindler Elevator Company
<i>Airport:</i>	Tampa International

*Project Description:* The purpose of this project is to rehabilitate the twenty-four geared traction Landside elevators including replacing the existing geared traction machines with new FMM200 Modular Gearless Machines and cab modernizations of the twenty-four elevators.

*Project Status:* Long-lead items have been ordered and construction commenced in September 2021. In September, Schindler started per the schedule with 2 cabs out at a time at the Yeager and Earhart elevator cores.

### **#6865 21 Part 139 Airfield Improvements**

#### **AIP #03-12-0078-069-2021**

<i>Substantial Completion:</i>	June 2022
<i>Current Budget:</i>	\$4,563,600
<i>Consultant:</i>	RS&H
<i>Contractor:</i>	Astra Construction Services, LLC
<i>Airport:</i>	Tampa International

*Project Description:* The purpose of this project is to address certain Part 139 deficiencies identified by the FAA as part of their annual Part 139 inspection.

*Project Status:* The mobilization period began with the issuance of Notice to Proceed on November 4, 2021. Astra successfully completed the work associated with the first phase of the project consisting of the Runway 1R safety area grading improvements which began on January 5, 2022.

### **#8225 17 SkyCenter Development Area**

<i>Substantial Completion:</i>	February 5, 2021
<i>Current Budget:</i>	\$81,332,657
<i>Consultant:</i>	Stantec/Gresham Smith
<i>Contractor:</i>	Hensel Phelps Construction
<i>Airport:</i>	Tampa International

*Project Description:* The scope of this project will design and construct the site development to support Authority Facilities in this area and future uses of the South Terminal Support Area (STSA) as defined in the 2012 Master Plan. The Authority Facilities are the remote commercial curb, atrium, and pedestrian walkway linking the office development and remote commercial curb to the ConRAC Facility and SkyConnect APM system allowing direct access to the airport's Main Terminal.

*Project Status:* A Certificate of Occupancy was obtained. The main construction activities in the project are complete. Remaining activities on the project are related to punch list work.

**#8226 17 SkyCenter Authority Interior Office Fit-Out**

*Substantial Completion:* April 2022  
*Current Budget:* \$53,065,736  
*Design-Builder:* DPR/Gensler  
*Airport:* Tampa International

*Project Description:* This project will design and construct the Authority’s interior office fit-out on Levels 3, 4 and 5 within the developer provided new SkyCenter office complex.

*Project Status:* Finishes on Level 3, 4, and 5 work areas continued during the months of January and February. Communicating stairs, data center, AOC, and infrastructure work was ongoing during the months of January and February. Furniture, casework, and wood paneling installation continued. The replacement of the Lightning Warning System commenced throughout the airport in February.

**#8230 18 Main Terminal Curbside Expansion**

**FDOT F.M. 438753-1**

*Substantial Completion:* March 2025  
*Current Budget:* \$205,192,294  
*Design-Builder:* Hensel Phelps Construction  
*Airport:* Tampa International

*Project Description:* The scope of this project is to expand the Main Terminal arrivals and departures curbside lanes on both the Blue and Red Sides of the terminal and includes the construction of vertical circulation lobbies allowing direct connection to the Main Terminal Transfer Level.

*Project Status:* The Blue Side Express curbs opened in November 2021. The Red Side Design is complete and the Part 2 construction GMP will go to the Board in May 2022.

Construction for the Police and Maintenance Building was Substantial Complete on January 4, 2022, and the Police, Lost & Found, and Maintenance started moving in on February 14, 2022.

**#8200 18 New FAA Parking Lot**

**#8205 18 Central Utility Plant (CUP) and Loading Dock Replacement**

**#8900 18 Demolish Administration Building**

<i>Substantial Completion:</i>	FAA Parking Lot: August 2021 CUP/ESB: October 2021 Loading Dock: October 2021
<i>Current Budget:</i>	\$109,832,365
<i>Design-Builder:</i>	Hensel Phelps Construction
<i>Airport:</i>	Tampa International

*Project Description:* The scope of these projects is to support the expansion of the curbsides on the Red and Blue sides of the Main Terminal (Project 8230 18). The existing Administration Building and facilities housed within it must be demolished to clear the site for construction of the red curbside improvements. Demolition of the existing Administrative Building will require relocation of Authority administrative offices, constructing a new central utility plant and the reconfiguration of the FAA parking lot.

*Project Status:* The CUP, the Electrical Service Building (ESB), and FAA Parking Lot have reached phased Substantial Completion as part of MTCE project. The contractor continued efforts completing punch list items for these projects as well as punch list work for the new Loading Dock. Hensel Phelps has begun minor demo work at Airsides A, E, and F, as part of the Concessions Relocations effort in support of the Administration Building Demo Project.

*FAA Parking Lot Canopy:* The consultant work order has been completed and design kicked off in December 2021. The canopy design is on hold as the design team studies parking layouts to accommodate the needs of the FAA. The schedule will shift with conceptual design/study deadline currently on track for the end of April 2022.

**#8300 20 Airside A, C, and F Restroom Renovations**

<i>Substantial Completion:</i>	October 2022
<i>Current Budget:</i>	\$15,647,500
<i>Design-Builder:</i>	The Beck Group
<i>Airport:</i>	Tampa International

*Project Description:* The purpose of this project is to refurbish the boarding level public restrooms and companion restrooms at Airside C and Airside F and the ramp level at Airside A. In addition, the Airside C south restrooms will be expanded to accommodate additional needs and may also include an addition to the Airside C building required to house offices displaced by the expansion of the restrooms. This project is a planned maintenance refurbishment of these public restrooms.

*Project Status:* The contractor turned over the Airside C north restrooms on February 11, 2022, and work activities started on Airside C south restrooms. These activities include demolition of the existing men’s and women’s restrooms. Additional activities included: the relocation of Southwest to their temporary offices and temporary breakroom for work related to the Airside C south restrooms.

### **#8315 20 Monorail System Replacement**

#### **FDOT F.M. #446919-1**

<i>Substantial Completion:</i>	March 2023
<i>Current Budget:</i>	\$33,947,400
<i>Design-Builder:</i>	Manhattan
<i>Airport:</i>	Tampa International

*Project Description:* The purpose of this project is to install moving walkways on Level 4 of the Long Term Parking Garage (LTPG) and decommission the existing Monorail System running between the Long Term Parking Garage and the Short Term Parking Garage (STPG). Level 4 of the LTPG will also be modified to create a Premium Parking Product, providing guests with an option of enhanced amenities.

*Project Status:* Existing pavement markings on Level 4 in the Long Term Parking Garage (LTPG) around the footprint of the new moving walkways continue to be removed. Overhead lights above the new walkways were removed in preparation for installation of new light fixtures. Existing carpet and bollards at the four elevator lobbies on the LTPG have been removed. Level 3 of the LTPG is scheduled to close in March to allow the contractor to begin installing structural steel below the new walkways.

The remaining element of the project, consisting of the Monorail System Demolition, is scheduled for a March 2022 Supplemental Part 2A Board award.

### **#8405 20 Airside A Boarding Bridges, PCA AHU and GPU Replacement**

#### **AIP #03-12-0078-71-2021; 03-12-0078-75-2021; FDOT F.M. #436834-1**

<i>Substantial Completion:</i>	July 2022
<i>Current Budget:</i>	\$21,908,200
<i>Design-Builder:</i>	Aero/Manhattan
<i>Airport:</i>	Tampa International

*Project Description:* This project consists of the design and installation of new Passenger Boarding Bridges (PBBs), Pre-Conditioned Air and Air Handling Units (PCA-AHUs) and Ground Power Units (GPUs) at fifteen gates at Airside A, which includes reusing thirteen PBB AHUs and adding two PBB AHUs at Gates A3 and A10. A survey and analysis of a new parking layout to accommodate the current fleet mix will be required, including existing lead-in lines, stop bars, safety areas, hurricane tie-downs, and hydrant fuel locations. An inventory of the current and proposed fleet mix will also be necessary.

*Project Status:* Notice to Proceed (for construction) was issued on August 2, 2021. The Authority has issued multiple Purchase Orders for owner direct purchase (ODP) of the boarding bridges, bag slides, control equipment, and air handlers. As of this reporting period, the contractor completed installation of new boarding bridges at Gates A3, A4, A5, A6, A8, A10, A11, A12, A14 and A15. Installation of new bridges is scheduled to commence at Gates A7 and A16 in late March 2022.

#### IV. Projects Substantially Complete

##### #6535 19 Parkway and Service Road Asphalt Pavement Rehabilitation

	Initial	Estimated Final
<i>Substantial Complete:</i>	October 2020	December 22, 2021
<i>Board Approved Budget:</i>	\$4,683,000	
<i>Re-baseline Budget:</i>	\$4,176,700	\$4,260,271
<i>Design Amendments:</i>	0	
<i>Construction Change Orders:</i>	10	(1,928,935.57)
D/W/MBE		
<i>Design:</i>	12.9%	0.0%
<i>Construction:</i>	15.0%	14.2%
<i>Design-Builder:</i>	Cone & Graham, Inc.	
<i>Airport:</i>	Tampa International	

*Project Description:* The scope of this project is to rehabilitate asphalt roadway pavement consisting of the inbound and outbound George J. Bean Parkway, sections of the Bessie Coleman Boulevard Service Road, and other areas such as ticket/toll plazas asphalt pavement which are showing signs of deterioration and age. This project will be designed and constructed in conjunction with Master Plan Phase 2 project #8235 18 Widen and Rehabilitate the George Bean Parkway and New Economy Parking Road Exit, so that the design and construction are fully coordinated and timed, thereby, combining the extent of operational impacts.

*Project Performance:* The Board approved budget was reduced by \$506,000 due to lower bids. The estimated final costs are estimated to be approximately \$84,000 higher due to additional asphalt areas resurfaced than in the original scope. The schedule was extended by 14 months in order to perform this work in connection with the Widen and Rehabilitate the George Bean Parkway and the New Economy Parking Road Exit projects. See project 8235 18 below for the overall WMBE target achievement for Design. Cone and Graham were contracted for both these projects, but WMBE was reported under 8235 18.

**#6650 19 Mother’s Nursing and Service Animal Relief Areas**

	Initial	Estimated Final
<i>Substantial Complete:</i>	March 2020	November 6, 2020
<i>Board Approved Budget:</i>	\$1,598,000	
<i>Re-baseline Budget:</i>	\$1,952,000	\$1,749,857
<i>Design Amendments:</i>	0 (\$0)	
<i>Construction Change Orders:</i>	2	7,985.5
D/W/MBE		
<i>Design:</i>	10.7%	9.1%
<i>Construction:</i>	42.4%	56.2%
<i>Consultant:</i>	RS&H	
<i>Contractor:</i>	Foresight Construction	
<i>Airport:</i>	Tampa International	

*Project Description:* The scope of this project is to provide new customer service amenities in compliance with current codes and FAA Circular(s). The amenities will include Mother’s Nursing Rooms, Service Animals Relief Areas (SARAs), Water Bottle Stations, and Water Dump Stations.

*Project Status:* The Board approved budget was increased by \$354,000 due to adding Water Dump Stations and Water Refill Stations into the scope. The estimated final costs are estimated to be \$202,143 lower than the revised budget due to returning Unutilized contingency and Owners Allowance. The schedule was extended by 9 months due to the scope items added and the wayfinding signage aspect of the job.



**#8235 18 Widen and Rehabilitate the George Bean Parkway and New Economy Parking Road Exit**

	Initial	Estimated Final
<i>Substantial Complete:</i>	November 2020	December 22, 2021
<i>Board Approved Budget:</i>	\$49,821,000	
<i>Re-baseline Budget:</i>	\$42,329,712	\$42,881,912
<i>Design Amendments:</i>	0	\$0
<i>Construction Change Orders:</i>	10 (\$1,928,936)	.
<i>D/W/MBE</i>		
<i>Design:</i>	12.9%	19.8%
<i>Construction:</i>	15.0%	14.2%
<i>Design-Builder:</i>	Cone & Graham, Inc.	
<i>Airport:</i>	Tampa International	

*Project Description:* The scope of this project is to construct a new 2-lane roadway exit onto the George J. Bean Parkway from the Economy Parking Road, along with improvements to the existing exit from the Airport Service Road. It also includes widening and rehabilitation of segments of the inbound and outbound Parkway from its most southern end to around the Main Terminal Complex. The improvements were determined to be necessary per the Master Plan Update and will accommodate the increased traffic generated from the SkyCenter development located in the South Terminal Support Are

*Project Status:* The Board approved budget was reduced by \$7,491,288 due to cost savings from accelerating work during the pandemic and to pulling out contingency to put it in a central Budgetary Reserve for the Phase 2 Master Plan project management. The estimated final costs are estimated to be \$552,200 higher due the addition of another traffic signal coming out of SkyCenter Boulevard.