

Capital Improvement Project Status Report

May and June 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: \$1,180,100
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.

#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 the Strategic Master Plan (SMP) is to affirm and/or refine the vision identified in the Tampa Executive Airport (VDF) Strategic Visioning Study completed in August 2020. Additionally, it will provide the Hillsborough County Aviation Authority (HCAA) with a long-range (35-year) planning tool to help guide incremental development necessary to achieve the vision. This will include an assessment of the feasibility of constructing infrastructure and support facilities to further enhance VDF’s role as a reliever airport for Tampa International Airport (TPA). The SMP will reassess future projections of airport activity, define optimal uses for airport property and adjacent land parcels, and evaluate the airfield geometry for compliance with design standards.

Project Status: The SMP work order was approved in March 2022. The primary work elements accomplished in May and June 2022 included: the drafting of the Inventory of Existing Conditions, acquisition of aerial photography, collection of topographic survey data, development of preliminary aviation forecasts including a benchmarking of general aviation activity at other commercial service and reliever airports in Florida, and refinement of the proposed runway layout conceptualized in the Visioning Study. Additionally, stakeholder coordination meetings were held with Global Pilot Academy and Skyport Aviation.

#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 FAA 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 the consultant in an effort to complete a Wildlife Hazard Assessment (WHA) report. 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 six months of data collection, there were 19,771 animals counted with gulls (2,637) being the most numerous group of birds counted. Monthly motion detection wildlife camera images from various locations on the Air Operations Area (AOA) continued to be collected. Interviews with airport stakeholders were conducted in September and October 2021 as well as the fall mammal trapping event. Data collection was completed in November 2021. The Draft WHA report was submitted to the Authority in mid-January 2022.

#6820 21 IT FY21 Capital Commodity Plan

Substantial Completion: September 2023
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 was extended until September 30, 2023, due to the continual delays in the supply chain. As a result, financial close outs have been delayed.

#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. The passenger forecast was approved by the FAA on April 29, 2022. A revalidation effort for a new 16-gate Airside D was finalized which was supported by an overall aircraft gating needs analysis. Project team meetings, stakeholder meetings, and Board update presentations have been held at strategic points in the process. Next tasks include land use planning and capacity analysis.

#6920 22 IT FY22 Capital Commodity Plan

Substantial Completion: September 2022
Current Budget: \$1,750,000
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. The project completion date was extended to September 30, 2023. An amount of \$250,000 was added to the CIP to fund the current Customs and Border Protection (CBP) IT equipment upgrades.

#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 is in the middle of the testing and integration build and working through the associated challenges related to integration with the Oracle data set. The next milestone of acceptance of the system will be dependent upon the progress of the integration build. The vendor has been on-site to try to maintain schedule cadence and minimize delays in addressing testing issues.

#6965 22 ARFF 90-7697 Oshkosh T3000 Vehicle Replacement

Substantial Completion: April 2023
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 the manufacturer has informed the Authority of a delayed delivery date due to supply chain issues.

#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: No current activity.

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.

#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 is to replace the North Air Cargo Building Roof, repair the existing truck court pavement, expansion of the existing parking lot, and relocation of the GSE Apron Service Road.

Project Status: The roof replacement is currently on 60% design. The Truck Court and Parking Expansion is early in preliminary design. The Service Road relocation design is complete and moving into construction procurement.

#6715 20 Bag Claim Carpet Replacement

Substantial Completion: August 2024
Current Budget: \$1,546,500
Design-Builder: DPR Construction
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 was awarded at the April 2022 Board meeting. The design phase has started and the 30% design submittal was made in June 2022 as scheduled. The 60% design submittal is currently scheduled for September 2022. The project is currently on schedule for a Part 2 Contract Board Award for construction of April 2023.

#6765 22 General Aviation Facilities Rehabilitation

FDOT F.M. #448841-1

Substantial Completion: September 2023
Current Budget: \$3,997,000
Consultant: RS&H
Contractor: TBD
Airport: 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. This will continue to maintain the high standard of facilities provided by the Authority to its tenants.

Project Status: The project received its 90% design submittal as scheduled in June and is on schedule for the 100% design submittal at the end of July.

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

FDOT F.M. #438715-1

Substantial Completion: January 2023
Current Budget: \$2,475,000
Consultant: RS&H
Contractor: TBD
Airport: 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.

#6800 22 Replace Airfield Perimeter Fence

FDOT F.M. #448841-1

Substantial Completion: October 2024
Current Budget: \$11,606,000
Consultant: C&S Engineers, Inc.
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: The project was awarded at the May 2022 Board meeting. Preliminary design is in progress with the 30% design to be submitted in August.

#6835 21 Baggage Belt LED Replacement

Substantial Completion: August 2024
Current Budget: \$1,430,500
Design-Builder: DPR Construction
Airport: Tampa International

Project Description: The purpose of this project is to replace the current 43-inch monitors that are located above the baggage claim carousels. These monitors display the associated flight number and the originating city of the bags being delivered on that carousel.

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 was awarded at the April 2022 Board meeting. The design phase has started and the 30% design submittal was made in June 2022 as scheduled. The 60% design submittal is currently scheduled for September 2022. The project is currently on schedule for a Part 2 Contract Board Award for construction of April 2023.

#6860 21 Airside Guideways & Bridges Rehabilitation

Substantial Completion: September 2022
Current Budget: \$2,586,500
Consultant: Walker Consultants
Contractor: TBD
Airport: Tampa International

Project Description: The purpose of this project is to rehabilitate each of the four Airside guideways and 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.

#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 project received its 60% design submittal in May and is on schedule for its 90% design submittal in July.

#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 90% design submittal is scheduled for August 22, 2022.

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

Substantial Completion: November 2022
Current Budget: \$752,200
Consultant: RS&H
Contractor: Ring Power, Inc.
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 was approved at the March 2022 Board meeting and the purchase order was issued. The equipment has a long lead time and construction is expected to begin in the third or fourth quarter of 2022. Once the equipment delivery is confirmed, Notice to Proceed will be issued.

#6960 22 Airfield Maintenance Building Interior Refurbishment

Substantial Completion: September 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 design started in October and the 60% design submittal was submitted in May 2022. The 90% design submittal is currently on schedule for July 2022 and the construction contract award is anticipated in December 2022.

#8330 20 North Remain Overnight (RON) Parking Apron

FDOT F.M. #446920-1

<i>Substantial Completion:</i>	TBD
<i>Current Budget:</i>	\$23,118,800
<i>Consultant:</i>	Kimley-Horn and Associates, Inc.
<i>Contractor:</i>	TBD
<i>Airport:</i>	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: This project was deferred due to the COVID-19 pandemic and will be coordinated with the timing of the Airside D Program. On May 2, 2022 the design for this project was restarted. The Design Professional is reviewing the project to determine the extent of additional time and cost to complete the project.

#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: Alstom is finalizing their software design and the testing/commissioning the new controls.

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.

#8430 22 Bag Claim Ceiling Replacement

AIP 03-12-0078-75-2021

<i>Substantial Completion:</i>	April 2024
<i>Current Budget:</i>	\$19,786,000
<i>Design-Builder:</i>	DPR Construction
<i>Airport:</i>	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: DPR was selected at the February Board meeting and the Part 1 design contract was awarded at the April 2022 Board meeting. The design phase has started and the 30% design submittal was made in June 2022 as scheduled. The 60% design submittal is currently scheduled for September 2022. The project is currently on schedule for a Part 2 Contract Board award for construction of April 2023.

#8435 22 Airside A and E Security Screening Checkpoint Expansion

Substantial Completion: March 2024

Current Budget: \$53,910,000

Design-Builder: Suffolk Construction

Airport: 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: The 30% Schematic design deliverables were submitted in April. The project design continues to progress per schedule, working toward the initial Part 2/GMP submission for the foundations, structural steel/concrete, and below grade utilities.

III. Projects Undergoing Construction/Implementation

#5991 14 Checked Baggage System Upgrades & Optimization (East Side)

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: Demolition and tie-in of the new system started in late May and is scheduled to be complete by the end of July. "Go Live" is schedule for August 5, 2022. At that point there will be a minimum 15 day burn in period, where the new system will be activated and running bags and the existing system will be placed in bypass. If more time is required, then another 15 days will be assessed. The existing systems at the Main Terminal will then begin the decommissioning process on either August 20th or September 4th.

A-Sort Building: TSA testing of the system passed. A meeting was held between the Authority and Hensel Phelps, which re-sequenced work activities to have work forces concentrate on Airside C. Upon completion of the tie-in work at Airside C, then demo/tie-in process will commence at A-Sort. This is scheduled for the last week of July. "Go Live" is scheduled for September 2, 2022. At that point there will be a minimum 15 burn in period, where the new system will be activated and running bags and the existing system will be placed in bypass. If more time is required, then another 15 days will be assessed. The existing system at the Main Terminal will be begin the decommissioning process on either September 17th or October 2nd.

Main Terminal: No construction activities currently taking place.

#6495 17 TEA Access Control System Upgrades

FDOT F.M. #429617-1

Substantial Completion: June 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 July 2022.

#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: July 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 August 2022.

#6685 20 Long Term Parking Garage Elevator Rehabilitation

Substantial Completion: September 2021
Current Budget: \$3,955,600
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. There is a material and shipping delay of the wall fabric.

#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 is complete and currently on punch list work. Rehabilitation of the Short Term Parking Garage (STPG) Helices is complete. Additionally, rehabilitation of the STPG stairwells is complete. Coating and restoration of the West Quad Deck and East Quad Deck are complete, with minor tasks to be complete on the Tug Tunnels.

#6780 21 Main Terminal Elevator Modernization

FDOT F.M. #438709-1

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

Project Description: The purpose of this project is to rehabilitate the 24 geared traction Landside elevators including replacing the existing geared traction machines with new FMM200 Modular Gearless Machines and cab modernizations of the 24 elevators.

Project Status: Schindler is approaching the 50% construction milestone with the Yeager and Earhart elevator cores.

#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 on Airside F are complete. The contractor continued with sealant replacement, concrete patch repairs, and exterior painting at Airsides A, C, E, A-Sort, and the Main Terminal.

#6865 21 Part 139 Airfield Improvements

AIP #03-12-0078-069-2021

Substantial Completion: June 2022
Current Budget: \$4,563,600
Consultant: RS&H
Contractor: Astra Construction Services, LLC
Airport: 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: Astra completed the work associated with Phase 4 and 5 of the project consisting of the Runway 1L-19R grading improvements inside and outside the Runway Safety Area on June 3, 2022. Astra is completing punch list corrections.

#6875 21 Employee Bus Replacement

AIP 03-12-0078-73-2021

Substantial Completion: August 2023
Current Budget: \$5,567,900
Consultant: RS&H
Contractor: BYD and Crisdel Group, Inc.
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 charging stations units are being built by BYD. The construction contract for the infrastructure improvements was awarded at the April 5, 2022, Board meeting to Crisdel Group, Inc., and the Notice to Proceed with construction was issued on April 28, 2022. Crisdel is currently mobilizing to the site and completing shop drawing submittals.

#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.

#6930 22 LTPG Elevator Room A/C Replacement

Substantial Completion: January 2023
Current Budget: \$436,200
Consultant: RS&H
Contractor: Gibson Air Conditioning and Refrigeration, LLC.
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 construction contract was awarded at the June 2022 Board meeting. A construction kick-off meeting was held in June and the submittals for equipment have been approved for procurement.

#6945 22 Tampa Executive Airport Chiller System Replacement

FDOT F.M. #436809-1

Substantial Completion: August 2022
Current Budget: \$671,800
Consultant: RS&H
Contractor: Gibson Air Conditioning and Refrigeration
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: On April 20, 2022, bids were received and opened publicly. The construction contract was awarded to Gibson Air Conditioning and Refrigeration at the May Board meeting for an amount of \$230,755.00. The construction kick-off meeting was held in May and the submittals for equipment have been approved for procurement. There is a 29-week lead time for equipment being reported, which will require the extension of the project completion date.

#6950 22 Taxiway Edge Light Replacement

Substantial Completion: November 2022
Current Budget: \$422,100
Consultant: RS&H
Contractor: H.L. Pruitt
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: During this reporting period, the Notice to Proceed for construction was issued and the contractor began the mobilization phase including procurement of materials. The construction phase is anticipated to start in late August.

#8225 17 SkyCenter Development Area

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

#8230 18 Main Terminal Curbside Expansion

FDOT F.M. 438753-1

Substantial Completion: May 2025
Current Budget: \$228,520,183
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 Red Side Part 2 Construction GMP was awarded at the May 2022 Board meeting to Hensel Phelps (HP). The existing Administration building is in the process of being vacated and turned over to HP for demolition. Concessions support spaces are under construction at the Airsides and Landsides to move current concessionaires out of the Administration Building Loading Dock. Scanning and pre-drilling of columns that will be structurally upgraded has occurred on the levels above the Administration Building.

#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 Demolish Administration Building: October 2023
<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 renovation work at A-core, Airsides A, E, and F, as part of the Concessions Relocations effort in support of the Administration Building Demo Project. Early activities have started in the Administration Building demolition element of work. Demolition is scheduled to start in July once the building is fully vacated.

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.

#8240 19 Air Cargo Expansion

FDOT F.M. #442095-1

<i>Substantial Completion:</i>	December 2023
<i>Current Budget:</i>	\$79,517,500
<i>Design-Builder:</i>	The Middlesex Corporation/AECOM
<i>Airport:</i>	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, taxilanes, 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 Guaranteed Maximum Price (GMP) agreement was approved at the March 2022 Board meeting for the pre-engineered metal building (PEMP) and the Part 2 Supplement A contract for the remainder of the project was approved at the June 2022 Board meeting. During this reporting period, the design-builder has executed subcontractor contracts, began setting up trailer complexes, submitted the PEMB shop drawings and calculation, and submitted other preliminary submittals and required permits.

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

Substantial Completion: October 2022
Current Budget: \$15,247,500
Design-Builder: The Beck Group
Airport: 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 continued with work activities in the Airside C south restrooms. Work activities completed to date include: all mechanical, plumbing, and electrical rough ins; drywall, mud installation, and façade tile. Ongoing coordination continues with Southwest Airlines on the buildout of the new breakroom and office spaces.

#8315 20 Monorail System Replacement Decommissioning and Moving Walkway Installation FDOT F.M. #446919-1

Substantial Completion: January 2024
Current Budget: \$33,947,400
Design-Builder: Manhattan
Airport: 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: Installation of structural steel on Level 3 of the LTPG for the new moving walkways is complete. Continuing with the installation of soffits around the structural steel, including framing, gyp board, and stucco. Installation new conduit on Levels 3 and 4 for the moving walkways and new/relocated light fixtures.

Schindler’s manufacturing facility in Shanghai closed in late March due to a COVID outbreak, halting production of the moving walkways. The factory re-opened in June, and the impact to the project schedule is currently being evaluated.

Contracts are being awarded to subcontractors for the Monorail Decommissioning phase of the project. Demolition of the monorail is schedule to begin in August. Due to an increase in passenger traffic in the parking garages and an overlap of closures in the STPG with the Main Terminal Curbside Expansion project, the contractor is looking at the impacts of re-phasing the project to begin work in the LTPG.

#8425 22 Main Terminal Airside D Shuttle Station - Construction

FDOT F.M. #438753-1

Substantial Completion: May 2025
Current Budget: \$29,678,700
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 (MTSP) as part of the Main Terminal Red Curbside Expansion program.

Project Status: The Main Terminal Airside D Shuttle Station Part 2 Construction Guaranteed Maximum Price (GMP) was awarded at the May 2022 Board meeting to Hensel Phelps. The Temporary construction walls are being set up to secure the jobsite perimeter.

IV. Projects Substantially Complete

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

	Initial	Estimated Final
<i>Substantial Complete:</i>	December 5, 2016	October 23, 2016
<i>Board Approved Budget:</i>	\$13,885,400	
<i>Re-baseline Budget:</i>	\$14,916,600	\$14,286,838
<i>Design Amendments:</i>	2	
<i>Construction Change Orders:</i>	5	
D/W/MBE		
<i>Design:</i>	16.1%	18.9%
<i>Construction:</i>	N/A	
<i>Design-Builder:</i>	Manhattan	
<i>Airport:</i>	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: See the narrative below for 6157 for overall project explanations

#6157 16 Replace Parking Revenue Control System – Phase III

	Initial	Estimated Final
<i>Substantial Complete:</i>	Oct 2018	April 2021
<i>Board Approved Budget:</i>	\$6,229,000	
<i>Re-baseline Budget:</i>	\$5,430,500	\$5,488,106
<i>Design Amendments:</i>	2	
<i>Construction Change Orders:</i>	5	
D/W/MBE		
<i>Design:</i>	16.1%	18.9%
<i>Construction:</i>	N/A	
<i>Design-Builder:</i>	Manhattan	
<i>Airport:</i>	Tampa International	

Project Description: The scope of this project is to deliver a 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 three phases across 3 fiscal years need to be looked at on a consolidated basis. The Board approved budget was increased by \$232,700 to adjust for the negotiated pricing and to add owner provided equipment. The final estimated cost is under the revised budget by \$572,156 due returning unused Part 1 design fees, Part 2 GMP funds, and a lesser than anticipated cost for the second implementation of the online booking system.

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

	Initial	Estimated Final
<i>Substantial Complete:</i>	August 5, 2018	March 31, 2022
<i>Board Approved Budget:</i>	\$1,389,700	
<i>Re-baseline Budget:</i>	\$1,583,000	\$1,603,400
<i>Design Amendments:</i>	\$0	
<i>Construction Change Orders:</i>	\$0	
D/W/MBE		
<i>Design:</i>		
<i>Construction:</i>		
<i>Contractor:</i>	Environmental Systems Research Institute (Esri)	
<i>Airport:</i>	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 Performance: The Board approved budget was increased by \$193,300 due to a platform upgrade of the GIS and Cityworks applications. The final costs were slightly over the revised budget. The schedule delays were due to extended testing and training time, upgrades to applications, integration with ArcGIS and GeoEvent software and to coordinate activities with the Master Plan Update project.

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

	Initial	Estimated Final
<i>Substantial Complete:</i>	February 1, 2021	May 31, 2022
<i>Board Approved Budget:</i>	\$1,000,000	
<i>Re-baseline Budget:</i>	\$627,800	\$356,410
<i>Design Amendments:</i>	\$0	
<i>Construction Change Orders:</i>	\$0	
D/W/MBE		
<i>Design:</i>	NA	
<i>Construction:</i>	NA	
<i>Contractor:</i>	Environmental Science Associates	
<i>Airport:</i>	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 Performance: The Board approved budget was reduced by \$372,200 due to the fact that the early public outreach was nearly all virtual due to COVID and the number of meetings were reduced. The accuracy of the Airport's flight data used to develop the modeling was a high quality which led to less consultant time to update the models. The schedule was impacted by the Pandemic and to the FAA delays in revising their Terminal Areas Forecasts.

**#6750 21 Pavement Rehabilitation
FDOT F.M. #438713-1**

	<u>Initial</u>	<u>Estimated Final</u>
<i>Substantial Complete:</i>	February 28, 2022	April 11, 2022
<i>Board Approved Budget:</i>	\$2,792,900	
<i>Re-baseline Budget:</i>	\$2,578,200	\$2,378,200
<i>Design Amendments:</i>	0	
<i>Construction Change Orders:</i>	\$22,194	
D/W/MBE		
<i>Design:</i>	18.3%	7.4%
<i>Construction:</i>	29.8%	1.2%
<i>Consultant:</i>	RS&H	
<i>Contractor:</i>	Ajax Paving Industries of Florida, LLC	
<i>Airport:</i>	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 Performance: The Board approved budget was reduced by \$214,000 based on the low bid. The project finished favorable to the revised budget by \$200,000x due to an underrun of quantities and unused Owner’s Allowance. . The D/W/MBE percentage for both design and construction were not achieved due to scope changes and the inability of the WMBE sub-contractor to perform the required work.

The project was completed ahead of the initial schedule due to a motivated contractor and no major issues developing during construction.

#6925 22 CCTV Server and Storage Refresh

	<u>Initial</u>	<u>Estimated Final</u>
<i>Substantial Complete:</i>	April 22, 2022	April 22, 2022
<i>Board Approved Budget:</i>	\$1,290,000	
<i>Re-baseline Budget:</i>	\$1,290,000	\$1,294,630
<i>Design Amendments:</i>	0	0
<i>Construction Change Orders:</i>	0	0
D/W/MBE		
<i>Design:</i>	N/A	N/A
<i>Construction:</i>	N/A	N/A
<i>Consultant:</i>	N/A	N/A
<i>Contractor:</i>	Dell Marketing LP	Dell Marketing LP
<i>Airport:</i>	TPA	

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

Project Performance: The project was completed on-time and was slightly over budget due to minor cost increases.

#8226 17 SkyCenter Authority Interior Office Fit-Out

	<u>Initial</u>	<u>Estimated Final</u>
<i>Substantial Complete:</i>	Feb. 2022	August 2022
<i>Board Approved Budget:</i>	\$42,500,000	
<i>Re-baseline Budget:</i>	\$53,516,912	\$53,516,912
<i>Design Amendments:</i>	0	0
<i>Construction Change Orders:</i>	(4) \$8,885,445	
<i>D/W/MBE</i>		
<i>Design:</i>	22.3%	24.5%
<i>Construction:</i>	16.7%	16.6%
<i>Contractor:</i>	DPR	
<i>Airport:</i>	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 Performance: The Board approved budget was increased by \$11,016,912 as part of the overall Phase 2 Program. The increases were mainly due to construction of the Police offices in the Long Term Parking garage instead of at the Sky Center building, In addition, the renovation of the Main Terminal Suites A&C and the Lightning Detection System were not in-scope items originally. Finally, unplanned escalation and increases in the cost of work drove further budget increases. the slight delay in the move-in dates was the result of the complications with the systems move for the AOC.

#8405 20 Airside A Passenger Boarding Bridges Replacement
AIP #03-12-0078-71-2021; 03-12-0078-75-2021; FDOT F.M. #436834-1

	<u>Initial</u>	<u>Estimated Final</u>
<i>Substantial Completion:</i>	September 2, 2022	April 29, 2022
<i>Board Approved Budget:</i>	\$22,587,600	
<i>Re-Baseline Budget:</i>	\$21,908,200	\$21,783,200
<i>Design Amendments:</i>	(1) \$612,333	
<i>Design D/W/MBE:</i>	20.4%	21.7%
<i>Construction D/W/MBE:</i>	4.2%	8.5%
<i>Construction Change Orders:</i>	(6) \$10,784,322	
<i>Contractor:</i>	Manhattan Construction	
<i>Airport:</i>	Tampa International	

Project Description: This project included the design and installation of new passenger boarding bridges, pre-conditioned air units, air handling units and ground power units at all fifteen Airside A gates. The work also included layout and painting of new ramp markings to accommodate the current aircraft fleet mix.

Project Performance: The Board approved budget was reduced by \$679,400 due to lower design fees and lowering construction contingency. The final estimated cost savings of \$125,000 is due to unused construction contingency. The 4-month savings in the schedule was a result of a staggered 2 gates at a time construction phasing approach by the design builder.