

Capital Improvement Project Status Report

January and February 2020

I. Projects in Planning

#6350 17 Automated Transit Systems (ATS) Rehabilitation/Replacement (Study)

Substantial Completion: TBD
Current Budget: \$1,573,000
Consultant: Lea+Elliott
Airport: Tampa International

Project Description: The scope of the project is to evaluate the current condition and remaining serviceable life of the Airport passenger transportation systems; evaluate technologies and determine the timing of rehabilitation or replacement of these systems.

Project Status: A report was received for a work order issued to Lea+Elliott under this assignment for a condition assessment of TPA's Long Term Parking Garage to Main Terminal Monorail System. The report also identified potential near-term system options that could be implemented to extend the useful life of the current system until such time it is replaced. Additionally, the report included an evaluation of alternative technologies that could be used to replace the existing monorail system. Based on information contained within the Monorail Assessment Report, the Authority has prepared a FY20 Project Management Plan which will replace the Monorail with moving walkways. Additionally, under a separate assignment, a work order for a feasibility study focusing on refurbishment/replacement options for the Airside A and C shuttles was conducted. The Authority is evaluating the Airside Shuttle Replacement report and in the process of developing a Project Management Plan for a FY 21 project.

#6385 18 HCAA Website Rebuild

Substantial Completion: TBD
Current Budget: \$540,600
Consultant: TBD
Airport: Tampa International, Peter O. Knight,
Tampa Executive, & 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 rejected all submitted responses and cancelled the current solicitation. The top respondent far exceeded the allotted funds in the CIP budget. The Authority is evaluating and revising the scope pending Executive approval of the effort.

#6565 19 Public Safety System Upgrade

Substantial Completion: June 2020
Current Budget: \$1,034,500
Consultant: TriTech Software Systems
Contractor: TBD
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: The project was approved at the October Board meeting. TriTech is working on completing questionnaires for the records management system (RMS) and computer-aided dispatch (CAD) systems that will assist the vendor in initial product configuration. A hardware review is also in process. The final project schedule is being baselined with the vendor and Authority team.

**#6660 19 Noise Study
AIP 03-12-0078-65-2019**

Substantial Completion: February 2021
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: A Stakeholder meeting was held on December 13th with public meetings to be scheduled for Spring 2020.

#6670 20 Airside E Airline & TSA Space Rehabilitation

Substantial Completion: April 2020
Current Budget: \$194,500
Contractor: In-House Projects Group
Airport: Tampa International

Project Description: The scope of this project is to rehabilitate offices, restrooms and operations areas for Airline and TSA tenants at Airside E ramp level.

Project Status: The Board approved the project at the September 2019 Board meeting.

#6680 20 Carpet Replacement for Shuttles and STPG Elevator Lobbies

Substantial Completion: August 2020
Current Budget: \$145,000
Consultant: TBD
Contractor: TBD
Airport: Tampa International

Project Description: The purpose of this project is to replace the carpeted areas that are subjected to high traffic volumes. The areas are on a five year replacement cycle which include the airside shuttle cars and Short Term Parking Garage (STPG) elevator lobbies on Levels 4, and 6 through 9.

Project Status: The Board approved the project at the September 2019 Board meeting. The project kicked off on November 12, 2019.

#6685 20 Long Term Garage Elevator Rehabilitation

Substantial Completion: July 2021
Current Budget: \$4,840,000
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 refurbished existing geared machines equipped with new AC energy efficient motors.

Project Status: The Board approved the project at the September 2019 Board meeting.

#6690 20 IT FY 20 Capital Commodity Plan

Substantial Completion: September 2020
Current Budget: \$2,800,000
Contractor: IT Department
Airport: Tampa International

Project Description: The scope 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 Board approved the project at the September 2019 Board meeting. The project is within budget and on time with the procurement of the required FY 20 equipment. Additionally, \$1.3million has been added to this project for the purchase of the remaining transfer level LED upgrades, event center upgrades, and kiosks for the shuttle entrances.

#6705 20 ARFF 1988 T1500 Vehicle Replacement

Substantial Completion: October 2020
Current Budget: \$1,100,000
Consultant: NA
Manufacturer: Oshkosh
Airport: Tampa International

Project Description: The purpose of this project is to replace existing ARFF No. 5 vehicle that is beyond its useful life, which was purchased in 1988.

Project Status: The Board approved the project at the September 2019 Board meeting.

#6715 20 Bag Claim Carpet Replacement

Substantial Completion: August 2022
Current Budget: \$1,514,100
Consultant: General Consultant
Contractor: TBD
Airport: Tampa International

Project Description: The purpose of this project is to replace the Bag Claim carpet, as well as some of the back of house flooring in the Main Terminal.

Project Status: The Board approved the project at the September 2019 Board meeting. The project start has been pushed to align with the upcoming General Consulting reselection contract. Kick-off for the project is scheduled for July 2020.

#6735 20 Oracle Enterprise Business Solution Upgrade

Substantial Completion: February 2021
Current Budget: \$3,259,000
Consultant: BournTech
Contractor: NA
Airport: Tampa International

Project Description: The purpose of this project will upgrade the Authority’s Oracle Enterprise Business Solution (EBS) and Technology Stack software. The upgrade will enable improved system functionality, provide mobile capabilities, improved security without VPN requirements, added functionality within Finance, HR, Procurement, and Benefits that will improve user experience and promote employee self-service. It will extend current support requirements to 2030 based on the latest technology stack.

Project Status: The Board approved the project at the September 2019 Board meeting.

#6740 20 Tampa Executive Airport Master Plan Update

Substantial Completion: September 2020
Current Budget: \$650,000
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 or 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: Phase 1 of the Master Plan is 100% complete. Phase 1 (pre-master plan visioning tasks) included the development of the airport profile factors (aircraft activity, airport role) to influence the development of the airport, etc.), the identification of HCAA’s vision plan for the airport including the development of high-level development scenarios, and the completion of a gap analysis to identify elements from the 2015 Master Plan that are still valid and can be reused.

#8315 20 Monorail System Decommissioning and Moving Walkway Installation

Substantial Completion: December 2022
Current Budget: \$33,530,000
Design-Builder: TBD
Airport: Tampa International

Project Description: The purpose of this project is to install moving walkways on Level 4 of the Long Term Parking Garage and decommission the existing Monorail System running between the Long Term Parking Garage and the Short Term Parking Garage.

Project Status: The Authority evaluated the RFQ responses with a recommendation going to the March Board meeting.

II. Projects in Design

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

Substantial Completion: May 2021
Current Budget: \$3,975,000
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 consultant is currently working on curing title issues, vacating roadways and easements in the Eastside Development Area. The consultant’s efforts are also tied to projects 8225 17 and 8226 17.

#6165 19 Airfield Maintenance Equipment Storage Building Addition

Substantial Completion: November 2020
Current Budget: \$2,254,600
Consultant: RS&H
Contractor: E&L Construction Group
Airport: Tampa International

Project Description: The scope of this project is to design and construct a new 10,000 sf storage building adjacent to the existing Airfield Maintenance Facility. The new storage building addition will house a new car/truck wash replacement, an equipment wash area, and storage area for maintenance equipment.

Project Status: The 90% and 100% design submittals were received and reviewed in September and October. Bidding was conducted in January and February 2020 with award scheduled at the March 2020 Board meeting.

#6495 17 TEA Access Control System Upgrades

FDOT F.M.# 425921-1, 429617-1

Substantial Completion: September 2019
Current Budget: \$831,000
Design-Builder: The Beck Group
Airport: Tampa Executive

Project Description: The scope of this project is to enhance access control and will include the integration of the perimeter vehicle gates, thereby improving security. The project scope will be coordinated with #8805 17, Airport Security Systems Replacement (ASSR).

Project Status: The design is currently on-hold pending ongoing scope validation.

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

Substantial Completion: May 2020
Current Budget: \$1,586,000
Consultant: Environmental Systems Research Institute
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: Completed Go-Live readiness activities, which included end user training, data migration, and validation, for the November 1, 2018 cutover to the new Cityworks Asset Management Work Order system. Also completed build of new online form for reporting issues and problems. Continued requirements gathering for FAA Part 139 Inspection and Safety Management System (SMS) systems. In addition, the GIS platform and Cityworks Application will be upgraded, which will allow a mobile solution, as well as, additional functionality for reports, analytics and dashboards and to support Real Estate.

#6585 19 Economy Parking Garages – North (Levels 1, 2, 3, Exit Ramp & Façade) & South (Façade Rehabilitation)

Substantial Completion: June 2020
Current Budget: \$753,000
Consultant: Walker Consultants
Contractor: Matcon Construction Services, Inc.
Airport: Tampa International

Project Description: The scope of this project is to rehabilitate various levels and other features of the North and South Economy Parking Garages (EPG).

Project Status: The Notice to Proceed with construction was issued on January 6, 2020 and work began in late January after a brief mobilization period. Matcon began working on Level 3 and is expecting to be complete by the middle of March. From there, Matcon will transition down to Level 2 and begin that rehabilitation, as well as completing work on the Economy Parking Garage exit ramp.

#6590 19 Short Term Parking Garage – Level 9 & Tug Tunnels Rehabilitation

Substantial Completion: August 2020
Current Budget: \$2,074,900
Consultant: Walker Consultants
Contractor: TBD
Airport: Tampa International

Project Description: The scope of this project is to rehabilitate Level 9 of the Short Term Parking Garage (STPG) and the baggage tug tunnels.

Project Status: The project was awarded at the February 6, 2020 Board meeting and Notice to Proceed with construction will be issued in March.

#6615 19 Fire Suppression Tank Rehabilitation

FDOT F.M.#435233-1

Substantial Completion: April 2020
Current Budget: \$574,600
Consultant: RS&H
Contractor: TBD
Airport: Tampa Executive

Project Description: The scope of this project is to rehabilitate the fire suppression. Work will include cleaning and repair of existing fire pump, lines and screen; repair/replacement of the fire pump controllers; foam tank replacement; and construction of an enclosure around the foam tanks.

Project Status: The 100% design submittal was received on August 14, 2019. Construction cost estimates and emerging technology validation has created a delay in the project. A revised schedule is being developed that will change the project's bid, award, and substantial completion dates.

#6625 19 Terminal Building 3900 Rehabilitation

FDOT F.M.#435234-1

Substantial Completion: August 2020
Current Budget: \$2,109,800
Consultant: RS&H
Contractor: Reno Construction, LLC
Airport: Tampa Executive

Project Description: The scope of this project is to provide needed repairs to the exterior envelope and roof of the terminal building. Other repairs include repairs and upgrades to interior finishes, fixtures and public toilet room rehabilitation.

Project Status: The project bid opening was on January 14, 2020 with the Board award for construction scheduled for the March 2020 Board meeting.

#6635 19 General Aviation Maintenance Facility Rehabilitation

FDOT F.M.#435235-1; 435239-1; 435236-1

Substantial Completion: June 2020
Current Budget: \$1,246,800
Consultant: RS&H
Contractor: Reno Building, LLC
Airport: Plant City, Tampa Executive, Peter O. Knight

Project Description: The scope of this project is to rehabilitate maintenance facility buildings No. 4800 at Plant City Airport, No. 5600 at Peter O. Knight Airport, and No. 1600 at Tampa Executive Airport. The improvements are typically scheduled at 10-year intervals and are consistent with the findings of the 2016 Airport System Inspection Report.

Project Status: The project bid opening was on February 3, 2020 with the Board construction award scheduled for the March 2020 Board meeting.

#6645 19 Hangar 4000/E Rehabilitation

Substantial Completion: August 2020
Current Budget: \$872,700
Consultant: RS&H
Contractor: TBD
Airport: Peter O. Knight

Project Description: The scope of this project is to rehabilitate hangar 4000/E.

Project Status: The 100% submittal was received on July 30, 2019 and was reviewed by the Authority. The permitting process caused a delay in the project’s schedule. The project is currently in bidding and schedule to be awarded at the April Board meeting.

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

Substantial Completion: March 2020
Current Budget: \$2,148,900
Consultant: RS&H
Contractor: TBD
Airport: 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: Notice to Proceed with construction was issued on January 6, 2020 and work began in late January after a brief mobilization period. Framing for the Main Terminal, Airside A, and Airside F mother’s nursing rooms was completed by the end of February. The mother’s nursing room framing at Airside E was started at the end of February. Work on the SARA’s at Main Terminal is scheduled to begin in early March.

#6665 19 Baggage Claim Video Walls Technology Refresh

Substantial Completion: May 2020
Current Budget: \$1,500,000
Consultant/Vendor: AVI-SPL
Airport: Tampa International

Project Description: The scope of this project is to replace the four video walls in the baggage claim area. These video walls are currently comprised of twelve 46” monitors and would be replaced by a solid LED canvas. The balance of the screens will be replaced in 2020.

Project Status: The next two units to be installed at bag belt 14 and 15 have been delayed 6 weeks until the middle of February 2020 to allow the Authority to procure additional LED signs at the same time from the manufacturer.

**#6675 20 Airfield Pavement Rehabilitation
FDOT FM#435226-1**

Substantial Completion: March 2021
Current Budget: \$2,517,200
Consultant: RS&H
Contractor: TBD
Airport: Tampa International

Project Description: The purpose of this project is repair or replace various airfield concrete pavement slabs throughout the airport. These slabs are cracked or spalled to such an extent that the Authority's Maintenance Department can no longer economically repair them and the large scale repair or complete replacement of these slabs are required.

Project Status: The 90% design submittal was received in January 31, 2020 and the 100% design submittal was received on February 21, 2020. Each submittal was reviewed and the project will be advertised for bid in early March.

**#6700 20 Runway 5-23 and Connector Taxiways Rehabilitation
AIP 03-12-00xx-xx-2020; FDOT FM#432984-1, 432987-1, 438503-1, 435231-1**

Substantial Completion: April 2021
Current Budget: \$9,208,200
Consultant: AVCON
Contractor: TBD
Airport: Tampa Executive

Project Description: The purpose of this project is to rehabilitate Runway 5-23 and connector Taxiways including edge lights, airfield guidance signs and navigation aids. Tree trimming of trees in the primary surface of the runway.

Project Status: The 60% design submittal was received on January 21, 2020 and reviewed by Authority staff. The 90% design submittal is scheduled to be received in early March.

#6730 20 Runway 1R-19L Centerline Light Replacement

Substantial Completion: February 2021
Current Budget: \$2,673,100
Consultant: RS&H
Contractor: Johnson-Laux
Airport: Tampa International

Project Description: The purpose of this project is to replace all existing centerline lights on Runway 1R-19L to address FAA installation criteria non-compliance and will upgrade the existing runway edge and threshold lights to LED type light fixtures.

Project Status: The draft design documents were submitted in February. The project is progressing to final design.

#8200 18 New FAA Parking Lot

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

#8900 18 Demolish Administration Building

Substantial Completion: FAA Parking Lot : June 2021 CUP/ESB: July 2021
Current Budget: \$109,489,954
Design-Builder: Hensel Phelps Construction Co.
Airport: 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 Central Utility Plant and Electrical Service Building (CUP/ESB) are ongoing, continuing early enabling work and demolition. The underground storm, water, fire, and sanitary lines are continuing to be installed as well as rerouting of the TECO duct banks that travel through the site. Demolition of the Red side, Ticket Level planters, east bridge to the Administration Building, Police offices, and Arrivals Level brick veneer chase continues. Preparations to demolish cooling tower No. 4 is ongoing. The Arrivals Level exit lane drive has been shifted to a temporary roadway to allow for the construction of the new permanent sheet piling installation and the Arrivals exit drive lane construction. The 60% design for Red Side Curbs, Loading Docks, and other related work were received in December 2, 2019 as scheduled. The 90% design for the Loading dock was received on February 17, 2020 and the 90% design for Red Side Curbs is due on March 3, 2020.

#8226 17 SkyCenter Authority Interior Office Fit-Out

Substantial Completion: January 2022
Current Budget: \$42,381,641
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 a developer provided new office complex.

Project Status: The Part 1 contract was awarded at the November 2019 Board meeting. Design Notice to Proceed was issued and the 30% design submittal was received in February 2020.

#8240 19 Air Cargo Expansion

FDOT F.M.#442095-1; AIP 03-12-78-67-2020

Substantial Completion: April 2021
Current Budget: \$73,630,800
Design-Builder: The Middlesex Corporation
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, taxilanes, taxiways, aircraft parking aprons, ground service equipment storage areas, landside roadway access improvements, aircraft fueling facilities and trailer staging areas.

Project Status: The 90% design submittal was received on January 20, 2020. The project is progressing towards a final design submittal and initiation of bidding by the design-builder in March 2020.

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

Substantial Completion: January 2023
Current Budget: \$21,386,000
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 addition needs and will 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 Board approved the Part 1 contract to the Beck Group for design services was awarded at the February 2020 Board meeting. Project kick-off meeting to commence the design phase is scheduled for March 2, 2020.

#8310 19 Main Terminal Drive Lanes Ceiling Replacement

Substantial Completion: November 2022
Current Budget: \$11,600,500
Design/Builder: Hensel Phelps Construction
Airport: Tampa International

Project Description: The scope of this project is to replace the ceilings and lighting over the Main Terminal arrival and departure drive lanes and will include the addition of fire protection.

Project Status: Design concepts are under review at this time to coincide with work being done through the new Main Terminal Curbside Expansion project 8230 18. The 100% design submittal for the Blue Side Curbs was received and approved by the Authority. The 90% design submittal for the Red Side Curbs were received on February 17, 2020.

#8325 19 Airside F RON Parking Apron

Substantial Completion: July 2021
Current Budget: \$18,595,200
Consultant: Kimley-Horn
Contractor: TBD
Airport: Tampa International

Project Description: The scope of this project is to build a Remain Overnight (RON) aircraft parking ramp south of Airside “F” and Taxiway “J” to accommodate five aircraft.

Project Status: Design professional services commenced on August 1, 2019. The 60% design documents were submitted on February 19, 2020.

#8330 20 North Remain Overnight (RON) Parking Apron

Substantial Completion: July 2021
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 with the 60% design documents scheduled to be submitted on March 19, 2020.

**#8805 17 Airport Security System Replacement (ASSR) – Design Only
FDOT F.M.# 425920-2, 425921-1**

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

Project Description: The scope of this 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 Security System Master Plan is being updated to address biometric passenger processing for international flights. A second phase of the biometric passenger processing is being scheduled for April 2020. The construction phase of this project is being conducted under Project No. 8320 19.

III. Projects Undergoing Construction/Implementation

#5275 18 Airside A Boarding Level and Bridges Carpet Replacement

<i>Substantial Completion:</i>	January 2020
<i>Current Budget:</i>	\$1,188,300
<i>Consultant:</i>	RS&H
<i>Contractor:</i>	TBD
<i>Airport:</i>	Tampa International

Project Description: The scope of this project includes the removal and replacement of the carpets located on the boarding level, boarding bridges, and back-of-house areas at Airside A.

Project Status: Airside and boarding bridge carpet installation was in progress in November and December 2019 and substantial completion was achieved in January 2020

#5382 16 Site Rehabilitation

<i>Substantial Completion:</i>	March 2021
<i>Current Budget:</i>	\$1,270,000
<i>Consultant:</i>	APTIM
<i>Contractor:</i>	Astra Construction Services
<i>Airport:</i>	Tampa International

Project Description: The scope of this project is to ensure that the site conditions beneath the South Terminal Support Area (STSA) meets environmental requirements and industry standards for commercial redevelopment.

Project Status: At the Long Term Parking Rental Car site where rental car quick-turn-around (QTA) and service center activities were conducted, FDEP is reviewing the final site closure package. At Plant City Airport, the construction phase of the aviation tank replacement project is starting; this project is prepared to address any clean up issues discovered. At two State cleanup petroleum facilities at Tampa International Airport, FDEP and their agency team contractors have started drilling and testing under FDEP's Low-Scored Assessment program.

#5450 18 Airside A and Airside E Restroom Refurbishment

<i>Substantial Completion:</i>	October 2020
<i>Current Budget:</i>	\$7,053,200
<i>Consultant:</i>	Michael Baker International, Inc.
<i>Contractor:</i>	Walbridge-Aldinger LLC.
<i>Airport:</i>	Tampa International

Project Description: The scope of this project includes refurbishing the main boarding level public restrooms at Airsides A and E, including any accompanying companion restrooms to enhance maintainability and improve the overall appearance of the restroom facilities.

Project Status: Phase 1 mechanical, electrical, and plumbing systems, equipment, fixtures, tile, and accessories were installed in the Airside A north and Airside E south restrooms. Phase 1 substantial completion is anticipated for mid-March 2020 and then the companion restrooms in each of the airside will begin refurbishment thereafter.

#5615 18 Airsides A and F Air Handler Replacement

Substantial Completion: April 2020
Current Budget: \$2,087,000
Consultant: RS&H
Contractor: Caladesi Construction Co.
Airport: Tampa International

Project Description: The scope of this project includes replacing the air handling units at Airside F and the outdoor air handling units at Airside A with new modular, high efficiency units, variable frequency drives and upgraded controls, and auxiliary equipment.

Project Status: The project team split the air handler replacement scope into two segments with the Airside A air handlers being replaced first. The Authority has selected one of Job Order Contractor (JOC) to conduct this work. A Notice to Procure was sent on January 27, 2020 allowing the contractor the ability to procure materials which have a long lead time. The contractor continues with RFIs and shop drawing review process.

#5991 14 Checked Baggage System Upgrades & Optimization

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

Substantial Completion: September 2020
Current Budget: \$50,236,100
Consultant: Corgan Associates, Inc.
Contractor: Hensel Phelps Construction Company
Airport: Tampa International

Project Description: The scope of this project provides for the final 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: The planned power outage to install the new switchgear breakers was successfully completed. A significant portion of the mechanical and electrical systems have been installed. Baggage Handling System (BHS) components (i.e., catwalks, conveyors, peripheral devices, etc.) are being installed.

A-Sortation: A significant portion of the mechanical and electrical systems have been installed. Baggage Handling System (BHS) components (i.e., catwalks, conveyors, peripheral devices, etc.) are being installed. Structural reinforcements to the existing structure have been installed.

#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: Implementation and testing of valet and online parking reservation system is ongoing. Completion of punch list in preparation of the Operational System Test is underway and continues to be developed.

#6157 16 Replace Parking Revenue Control System (PARCS) Phase 3

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: All work is complete and the project is in closeout.

#6290 16 Runway Protection Zones (RPZ) & Approach Areas Tree Trimming

FDOT F.M. 438694-1, 438695-1 , 438697-1

Substantial Completion: August 2020
Current Budget: \$2,896,200
Consultant: RS&H
Contractor: SFM Services, Inc.
Airport: Tampa International, Peter O. Knight, Plant City, and Tampa Executive

Project Description: The scope of this project is to trim or, if determined necessary, remove trees that are obstructions in the RPZ and approach surfaces at all the airports.

Project Status: During this reporting period, the contractor completed tree trimming and clearing in the approaches to R/W 10 and R/W 28 at Plant City Airport. The contractor plans to begin work at Tampa Executive Airport in March.

#6435 17 Support Buildings and Pavement Repairs

FDOT F.M.# 431249-1

<i>Substantial Completion:</i>	March 2019
<i>Current Budget:</i>	\$1,874,600
<i>Consultant:</i>	RS&H
<i>Contractor:</i>	Foresight Construction Group
<i>Airport:</i>	Tampa International, Peter O. Knight, Plant City, Tampa Executive

Project Description: The scope of this project is to provide maintenance repairs identified in the inspection report per Project #6210 16 Structural and Pavement Inspection and Design.

Project Status: Foresight Construction Group completed the original scope of this project and a Certificate of Substantial Completion was issued May 30, 2019. Final payment to Foresight was issued in February 2020. Additional work to renovate the service road drainage ditch at Tampa Executive Airport will also be conducted as part of this project but per a separate construction

#6455 17 Airside C Boarding Level Carpet Replacement

<i>Substantial Completion:</i>	November 2019
<i>Current Budget:</i>	\$1,382,700
<i>Consultant:</i>	RS&H
<i>Contractor:</i>	Continental Flooring Company
<i>Airport:</i>	Tampa International

Project Description: The scope of this project is to replace the boarding level carpet, boarding bridge carpet and the non-passenger areas flooring.

Project Status: The airside carpeting has been replaced and the boarding bridges will be started in April.

#6475 19 Main Terminal Ticket Level Interior Refurbishment

<i>Substantial Completion:</i>	November 2020
<i>Current Budget:</i>	\$8,270,000
<i>Design-Builder:</i>	DPR
<i>Airport:</i>	Tampa International

Project Description: The scope of this project consists of the refurbishment of the Main Terminal ticket level and establishing a new design standard to enable signature carriers to enhance their respective brands while maintaining an overall aesthetically pleasing and consistent design style.

Project Status: This project has been in the procurement and mobilization phases this period. Construction is anticipated to start on March 1, 2020.

#6530 18 North Air Cargo Facility Redevelopment

Substantial Completion: TBD
Current Budget: \$1,150,000
Consultant: RS&H
Contractor: Astra Group Inc.
Airport: Tampa International

Project Description: The scope of this project is to provide temporary cargo operations space for UPS and Amazon, which required relocating the Skanska trailer compound. In addition, the North Cargo Road will be widened and some airfield lighting will be added under this project.

Project Status:

The project has been de-scoped to provide only interim air cargo support as required until new air cargo facilities are completed. To date this support has included roadway widening to support wider cargo equipment utilizing roads between the North Air Cargo building and Hardstand D.

#6535 19 Parkway and Service Road Asphalt Pavement Rehabilitation

FDOT F.M. #432974-1

Substantial Completion: February 2022
Current Budget: \$4,176,700
Design-Builder: Cone & Graham, Inc.
Airport: 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 Status: Notice to Proceed was issued on October 11, 2019 as part of the much larger project 8235 18. Asphalt pavement rehabilitation work is currently scheduled for Summer of 2021 for the north end of the project and January 2022 for the south end of the project. All pavement rehabilitation work as part of this project is scheduled for completion by February 11, 2022.

#6545 19 Airside F Roof Replacement

FDOT F.M. #438833-1

Substantial Completion: July 2021
Current Budget: \$18,442,100
Design-Builder: HC Beck, Ltd.
Airport: Tampa International

Project Description: The scope of this project is the design to replace the original roof, gutters, drainage system over the Airside F Building. The project is necessary to maintain the water tightness of the building and extend the integrity of Airside F. The original Airside F Terminal Building was completed in 1987 and the roof is at the end of its useful life. The project will require the existing conditions of both roofing and drainage systems to be documented and ascertained during the design process.

Project Status: All roof panels on Phase 1 of the project have been removed, new purlins and insulation installed, and dry-in membrane applied. Wet-sealing of the clerestory and curtain wall glass continues, and new gutters and storm water pipes are being installed. New roof panels are scheduled to be installed in March.

#6550 19 Simplex Fire Alarm System Upgrades

Substantial Completion: April 2020
Current Budget: \$679,100
Consultant: NA
Contractor: Simplex
Airport: Tampa International

Project Description: The scope of this project is to replace obsolete fire alarm equipment at Airside A and the airfield lighting vaults, upgrade the communications cable, and upgrade the fire control panels on Levels 1 and 2 of the Main Terminal.

Project Status: The project is in the final stages of completion, the office strobe installations have been completed and the system programming and Fire Marshall inspections are scheduled to be completed in March.

#6580 19 Rehabilitate and Enhance Airfield Lighting

Substantial Completion: March 2020
Current Budget: \$1,416,600
Consultant: RS&H
Contractor: H.L. Pruitt
Airport: Tampa International

Project Description: The scope of this project is make improvements to the existing airfield lighting system to conform to FAA requirements and to address FAA recommendations to improve airfield safety. Improvements include modifications to runway threshold lights, segmented circle at the airport's primary wind cone, Taxiway W-3 lead-off lights, LED taxiway edge lights and runway guard lights (RGL).

Project Status: Installation of new runway guard lights and the primary wind cone is complete and the guard lights have been energized. All runway threshold lights have been modified. Lighting control system components are scheduled to be delivered late April. The contractor is procuring new LED runway edge lights and threshold lights for Runway 1L-19R which are scheduled to be installed in May.

#6595 19 Short Term Parking Garage Helix Lighting Replacement

Substantial Completion: July 2020
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 cancelled and will be rebid in 2021.

#6620 19 Runway 10-28 and Other Pavement Rehabilitation

FDOT F.M.#440560-1; 435221-1 /AIP 03-12-0065-010-2019

Substantial Completion: March 2020
Current Budget: \$5,877,600
Consultant: American Infrastructure Development, Inc.
Contractor C.W. Roberts Contracting
Airport: Plant City

Project Description: The scope of this project is to rehabilitate Runway 10-28, Taxiway A and construct taxiway connectors to conform to FAA standards.

Project Status: During this reporting period, the contractor reached Substantial Completion. R/W 10-28 and Taxiway A were re-opened to traffic. A Supplemental Agreement is planned to expand the scope of this project to include repaving and marking of the terminal building aircraft apron.

#6630 19 New Fuel Farm at Plant City Airport

FDOT F.M.#442112-1

Substantial Completion: June 2020
Current Budget: \$1,085,000
Consultant: RS&H
Contractor MDM Services, Inc.
Airport: Plant City

Project Description: The scope of this project is to replace the underground aviation gasoline (Avgas) storage and dispensing system. The Avgas UST system was constructed in 1990 and is approaching the end of its useful life. The project consists of removing the Avgas UST system and constructing a new aboveground storage tank and dispensing system (Avgas AST system).

Project Status: Notice to Proceed was issued on January 6, 2020. The project is currently in the mobilization phase. The contractor has made several product submittals and the new fuel tank is in fabrication. Demolition of the old fueling facility is expected to begin in early April. A temporary fueling station will be placed into service prior to the beginning of construction.

#7054 12 Airport Support Area Environmental Remediation Phase 6

Regulatory Completion: June 2020
Current Budget: \$5,000,000
Consultant: AECOM and APTIM
Contractor: AECOM Technical Service
Airport: Tampa International

Project Description: The scope of this project includes soil and groundwater remediation for properties located in the Drew Park Area.

Project Status: On Parcel 4208, FDEP and the Authority are working together to establish the final legal requirements for site closure. At Parcels 9301 and 9406, a post-excavation monitoring program began in August 2019. APTIM and the Authority are preparing final closeout packages for submittal to FDEP to meet the requirements of the Drew Park Voluntary Cleanup Agreement.

**#8100 14 Main Terminal & Airport Concessions (MTAC) Redevelopment Program
FDOT F.M#435722-1**

Substantial Completion: September 2018
Current Budget: \$131,303,410
Design-Builder: Skanska/HOK
Airport: Tampa International

Project Description: The scope of this project is to expand the transfer level, relocate the Main Terminal shuttle lobbies, replace all escalators in the Main Terminal, refurbish interior finishes, replace signage in the Main Terminal, and reconfigure all concessions spaces throughout the airport.

Project Status: During the months of November and December, the Design-Builder continued with project closeout. Additional amenities including motorized blinds, retractable wall, and increased video wall size were in design. The installation of additional Shuttle Lobby lighting was also in progress in November and December.

8225 17 SkyCenter Development Area**FDOT Multimodal Grant F.M. #444181-1**

<i>Substantial Completion:</i>	December 1, 2020
<i>Current Budget:</i>	\$81,937,120
<i>Consultant:</i>	Stantec/Gresham Smith
<i>Contractor:</i>	Hensel Phelps Construction Company
<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: The construction activities for this period included: Continuation of overhead MEP conduit installation; fireproofing of the interior structure and installation of glazing on the façade of the Atrium building; completed installation of the pre-cast panels of the building; began interior insulation; framing of the north wall was completed; sheathing and waterproofing continued; waterproofing of the roof terrace has begun as did installation of the south stairwell and framing of the south wall; crews began activities to decommission and demo the existing sanitary sewer lift station; installation of a temporary entrance to the cell phone lot was completed while infrastructure for the permanent entrance is constructed including utility installation; construction of the SkyCenter drive was completed and followed up with placement of the structural pavement course; construction of the cell phone lot was opened to the public and the lift station was completed; installation and completion of both electronic visual information display systems (EVIDS) was completed; work began at the Rental Car commercial curb including placement of knee wall and installation of the roof canopy.

#8230 18 Main Terminal Curbside Expansion**FDOT FM#444218-1**

<i>Substantial Completion:</i>	November 2022
<i>Current Budget:</i>	\$186,948,048
<i>Design-Builder:</i>	Hensel Phelps Construction Co.
<i>Airport:</i>	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 100% design submittal for the Blue Side Curbs, FAA Parking Lot, and Central Utility Plant were received and have been reviewed by the Authority. The 90% design submittal for Red Side Curbs, Loading Docks, and other related work are due March 25th. Construction on the Enabling GMP for the Blue Side Curbs and Central Utility Plant is ongoing, site work, and utility relocations. The Part 2 Supplement A contract was awarded on November 7, 2019.

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

FDOT FM#442344-1

Substantial Completion: February 2022
Current Budget: \$47,379,712
Design-Builder: Cone & Graham, Inc.
Airport: Tampa International

Project Description: The scope of this project is to construct a new 2-lane roadway exit onto the George 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 improvement 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 Area.

Project Status: Notice to Proceed was issued on October 11, 2019. Work for the new Economy Parking Road exit is scheduled for completion on September 2, 2021 and the widening and rehabilitation of the George J. Bean Parkway is scheduled for completion by February 2022. An MSE wall was built along the outbound George Bean Parkway. Roadway construction continues in Area 4 of the project across from Airside F and construction for the foundations of overhead signs throughout the project also continues.

#8320 19 Security System Replacement (Construction)

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

Substantial Completion: June 2020
Current Budget: \$15,903,300
Design/Builder: The Beck Group
Airport: Tampa International

Project Description: The scope of this project is to upgrade and improve the current access control system (ACS) and video management system (VMS) to enhance and improve the overall security capabilities.

Project Status: The Design-Builder completed the Part 2 early work construction and closed down the Airside Shuttle Guideways walkway platforms for daily common-use. The contractor continued working on Part 2A construction installing Access Control System upgrades to the jet bridge doors on Airsides A and C with ongoing work taking place at Airsides E and F. The construction activities for this period included: new magnetic hold open hardware, new badge reader and associated infrastructure applied to jet bridge doors and existing camera locations for added security.

#8705 19 Purchase Additional SkyConnect Trains

Substantial Completion: February 2021
Current Budget: \$13,000,000
Consultant: Lea & Elliot
Contractor: Mitsubishi Heavy Industries of America (MHIA)
Airport: Tampa International

Project Description: The scope of this project is to purchase two additional Mitsubishi APM trains (i.e., four cars) for the SkyConnect system, which are needed to provide additional capacity to support an increased passenger traffic.

Project Status: The Authority submitted the negotiated deposit for the two trains in December 2018. Delivery of the trains is estimated to be in November 2020.

#8825 18 New Taxiway A and Bridge

Substantial Completion: May 2021
Current Budget: \$53,725,783
Consultant: AECOM
Contractor: GLF Construction
Airport: Tampa International

Project Description: The scope of this project is to design and construct a new crossfield Taxiway A from Runway 1L-19R/Taxiway V to Runway 1R-19L/Taxiway C north of and parallel to existing crossfield Taxiway B.

Project Status: Major work in January and February 2020 included finalizing construction of pier 3 wall. GLF started and completed installation of shoring towers for span 2 (segment between pier 2 and pier 3) and continued construction of abutment 4 foundation and walls. In addition, GLF and their subcontractors started construction of bridge deck reinforcing steel and post tensioning duct. GLF continued with import of embankment fill on the east side of the site, continued replacing airfield signs/electrical duct banks; started and completed construction of drainage valley gutter on the west side of the project and continued strengthening/reinforcing the walls of drainage structures.

IV. Projects Substantially Complete

#6260 15 Long Term Parking Garage Level 7 and Helix Rehabilitation

	<u>Initial</u>	<u>Estimated Final</u>
<i>Substantial Complete:</i>	October 31, 2019	February 1, 2020
<i>Board Approved Budget:</i>	\$2,577,100	
<i>Re-baseline Budget:</i>	\$2,134,800	\$1,820,900
<i>Design Amendments:</i>	0	0
<i>Construction Change Orders:</i>	4	(\$123,101)
D/W/MBE		
<i>Design:</i>	N/A	
<i>Construction:</i>	15.4%	15.9%
<i>Consultant:</i>	Walker Consultants,	
<i>Contractor:</i>	Restocon Corporation	
<i>Airport:</i>	Tampa International	

Project Description: The purpose of this project is to rehabilitate the 7th and 8th level and up & down helixes of the Long Term Parking Garage (LTPG) at Tampa International Airport to extend its useful life and maintain it in a safe condition. These improvements will help prevent the garage structure from being exposed to water infiltration which could accelerate steel corrosion and concrete deterioration. The project also included miscellaneous improvements to the stairwells, bollards, signs and expansion joints, as needed.

Project Performance: The Board approved budget was reduced by \$442,300 due to the low bidder being selected. In addition, actual quantities were lower and contingency was not required.

#8830 17 Red Side Rental Garage and Airside D APM Guideway

	<u>Initial</u>	<u>Estimated Final</u>
<i>Substantial Complete:</i>	January 31, 2020	January 25, 2020
<i>Board Approved Budget:</i>	\$10,631,000	
<i>Re-baseline Budget:</i>	\$13,862,396	\$12,574,396
<i>Design Amendments:</i>	1	
<i>Construction Change Orders:</i>	3	
<i>D/W/MBE</i>		
<i>Design:</i>	17.1%	14.6%
<i>Construction:</i>	15.6%	23.6%
<i>Design-Builder</i>	Kimmins Contracting Corp.	
<i>Airport:</i>	Tampa International Airport	

Project Description: The scope of this project is the demolition of the Red Side Rental Car Garage and the remaining segment of the old Airside D Automatic People Mover (APM) guideway.

Project Performance: The revised budget was \$3,231,396 over the original Board approved budget and was driven by a higher GMP due to higher construction costs and additional precautionary steps taken for the implosion to ensure there was no impacts to operations. The estimated final costs are \$1,288,000 under the revised budget due to the contingency not being required. The design WMBE goal was not met due to the change in demolition method from conventional demolition to implosion. This eliminated the need to engage consultants the Authority would have used for the conventional method.