Aviation Authority
Capital Improvement Program
Project Status Report
September 2017

Prepared by
Planning and Development
and
Development Program Services
Capital Improvement Project Status Report
Overview

The Capital Improvement Project Status Report has been updated through September 2017 activity.

The Capital Improvement Project Status Report is organized into following categories:

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The Capital Improvement Project Status Report consists of specific information for each project, including the project title, estimated costs, designer, contractor, airport, project description, a project update, and significant dates according to the latest schedule. The Active Projects Spreadsheet mirrors the projects listed within sections I through IV of the Capital Improvement Project Status Report and contains specific project details related to contract or agreement amounts, approved change orders or amendments, DBE or W/MBE target and achievement amounts. Projects within the Substantially Complete section will be shown for one month only.

The Substantially Complete spreadsheet will show all projects in the current fiscal year which achieved Substantial Completion. The spreadsheet provides additional information including the substantial completion date, an estimate of the final costs, and a comparison to the current budget.

The Five-Year Capital Improvement Program Outlook category consists of spreadsheets listing anticipated projects and estimated costs for the period 2017-2021. The estimated project cost includes, initial in-house planning, advertising, design development, construction, construction management, construction contract administration, permitting and miscellaneous printing, copying and distribution costs and any other components associated with completion of the work.

Schedules and budgets are updated during the course of the project. Any changes will be reflected in the next posting of the report.

Please call Dan Johnson at (813) 801-6030 or e-mail DGJohnson@Tampaairport.com if you have any questions regarding the Capital Improvement Program Status Report.
I. Projects in Planning

#6255 14 General Aviation Airports Master Plan Update 2014

Substantial Completion: October 2017  
Current Budget: $955,500  
Consultant: Michael Baker International Jr.  
Airport: Plant City, Peter O. Knight & Tampa Executive

Project Description: The scope of this project includes updating forecasts and re-evaluating demand and capacity recommended improvements that were implemented since the last general aviation airports master plan. In addition, the future phasing of development requirements for existing facilities will be identified and on-airport land use recommendations will be re-evaluated to determine the highest and best use of the airport properties. Once aviation related facility requirements have been identified, it is the goal of the Aviation Authority to maximize the appeal and dynamics of each airport and further identify resources necessary to capture defined markets to make each GA Airport self-sustaining.

Project Status: Comments to the submitted draft Master Plan were offered by the Florida Department of Transportation (FDOT) and the Federal Aviation Administration (FAA) and were addressed by Michael Baker International Jr. Electronic filing of potential on-site and off-site obstruction evaluation/airport airspace analysis (OE/AAA) were submitted and associated modifications for amendment to the ALP at Peter O. Knight and Tampa Executive Airport were completed and sent to FAA for final approval.

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

FDOT F.M.# 420808-1

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 Work Order was issued to Lea+Elliott on December 22, 2016 to begin the evaluation phase and provide a condition assessment of the existing airside shuttles at A & C. The final report was received from Lea+Elliott and recommendations contained have been evaluated by the Authority staff. The assessment report will be used to determine the rehabilitation or replacement of the Airside A & C shuttles in a future period. No other new studies are in progress.
#6470 17 Shuttle Guideway Railing Improvements

**Substantial Completion:** March 2018  
**Current Budget:** $2,890,100  
**Consultant:** Lea+Elliott  
**Airport:** Tampa International

*Project Description:* The scope of this project is to improve the railing systems along the shuttle guideway bridges between the Main Terminal and Airsides A, C, E, and F. The project will improve safety for pedestrians who are walking on the guideway.

*Project Status:* Lea+Elliott has revised the study for the railing improvements per comments by the Authority and we are negotiating the work order for the design work to implement the study recommendations.

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#6495 17 TEA Access Control System Upgrades

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

**Substantial Completion:** TBD  
**Current Budget:** $771,700  
**Consultant:** RS&H  
**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 Project No. 8805 17, Airport Security Systems Replacement (ASSR).

*Project Status:* The Part 1 Design-Build contract was awarded to The Beck Group at the August 2017 Board meeting. Design tasks for this project will not start until May 2018, after completion of the Security Master Plan review (project 8805 17).

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

**Substantial Completion:** August 2018  
**Current Budget:** $1,389,700  
**Consultant:** TBD  
**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:* Stakeholder meetings to gather requirements have been held and contractor staff has completed onboarding to Authority systems. Installation of the software has been completed and configuration of the software is in process. Review of configuration and requirements is planned for October 2017.
#8225 17/8226 17 Gateway Development Area
FDOT Multimodal Grant

Substantial Completion: October 1, 2020
Current Budget: $121,769,000
Consultant: Stantec
Contractor: TBD
Developer: TBD
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 Sky Connect APM system allowing direct access to the airport’s Main Terminal. Lastly, this project will design and construct the Authority’s interior office fit-out within a developer provided new office complex.

Project Status: Stantec was issued a work order on May 18, 2017 to review and provide validation of the prior Gateway Development Area Program and site plan design assumptions and modify and/or include additional modifications prior to the start of the design and construction document phase. Stantec has completed the validation report. The report indicates that the prior site plan should be enhanced to increase the efficiency of the site. The revised site plan maximizes the usable area of the site by combining the cell phone lot into one operation. The additional efficiency of the site creates an additional buildable area for a second office building if desired to be constructed in the future. The design layout of the Remote Commercial Curb was validated utilizing a traffic study which indicated it needs to be only sized at a maximum of 4 lanes for 600 linear feet and a minimum of 3 lanes for 500 linear feet.

Stantec has been engaged to assist with the preparation of the RFP package for the selection of the office building developer. The RFP package will be sent out in October. Step 1 submissions from potential developers are due on November 29th. The shortlist is scheduled for February 1, 2018 and final developer selection is scheduled for August of 2018.

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

Substantial Completion: May 24, 2019
Current Budget: $10,631,000
Consultant: TBD
Contractor: TBD
Airport: Tampa International

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 Status: The RFQ solicitation responses were received on July 13th and the selection will be going to the September Board meeting. The Part 1 Design Contract is currently scheduled to go to the December Board meeting.
II. **Projects in Design**

#1100 13 Consolidated Rental Car Facility (ConRAC) – Phase 1 Design

*Substantial Completion:* October 2017  
*Current Budget:* $4,500,000  
*Design-Build:* Austin Commercial, L.P.  
*Airport:* Tampa International

**Project Description:** The scope of this project is to study the existing rental car facilities, customer service levels, existing and projected demand, and develop alternative designs to serve future demand including estimated costs to implement. The intent of this project is to provide 15% schematic design for the ConRAC.

**Project Status:** The 15% Schematic Design was submitted on June 13, 2014. This project is linked to Project No. 1105 14 and remains open.

#5525 16 Commercial Ground Transportation Facility

*Substantial Completion:* TBD  
*Current Budget:* $3,725,000  
*Consultant:* Gresham-Smith  
*Contractor:* TBD  
*Airport:* Tampa International

**Project Description:** The scope of this project will design and construct a new Commercial Vehicle Ground Transportation Facility. The relocation of the existing ground transportation facility was necessitated by the construction of the Consolidated Rental Car Center.

**Project Status:** At the completion of the 100% design, the Authority elected not to proceed with the design-build construction by Austin Commercial. At the October Board meeting Gresham-Smith will be awarded a design contract for the balance of the project and the construction will be bid out.

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

*Substantial Completion:* May 2018  
*Current Budget:* $2,600,000  
*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 the 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 Gateway Development Area (GDA) office building.

**Project Status:** Stantec completed initial conceptual plans (to approximately a 15% level of design) and cost estimates for the GDA in early 2016. The Stantec team reviewed the feasibility of the office building and hotel in the GDA and the projects have been determined to be feasible. The effort to masterplan the East Development area is moving forward. This process will take several months and will result in a plan that will identify obstacles to development in this area and provide guidance on how to address any issues in the area. Stantec is also providing support preparing the project manual for the Office Building Developer procurement. The RFP was issued on October 12, 2017 with responses due back on November 29, 2017. Stantec’s efforts are also tied to the GDA (projects 8225 17 and 8226 17).
#5991 14 Checked Baggage System Upgrades & Optimization
FDOT F.M. 429607-1, 428057-2

Substantial Completion: July 2018
Current Budget: $60,370,900
Consultant: Corgan Associates, Inc.
Contractor: TBD
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: The revised 100% Design submittal and is being reviewed by the TSA and the Authority.

#6120 17 Short Term Parking Garage – Level 8 Rehabilitation

Substantial Completion: June 2018
Current Budget: $2,065,000
Consultant: Walker Parking
Airport: Tampa International

Project Description: The scope of this project is to rehabilitate the 8th level of the Short Term Parking Garage (STPG) to extend its useful life and maintain it in a safe condition.

Project Status: The final design submittal was received on August 4, 2017 and bids are due on October 4, 2017, with the construction contract going to the December Board meeting.

#6160 15 Airfield Pavement Rehabilitation (Design)

FDOT F.M. #428057-2

Substantial Completion: June 2017
Current Budget: $2,144,300
Consultant: Kimley-Horn
Airport: Tampa International

Project Description: The scope of this project is to design the rehabilitation of the existing Taxiway E north of Taxiway J and connector taxiways to Runway 1R-19L. Work will also include the rehabilitation of Taxiways G, N-1 & S as well as the replacement of the connector taxiways to the FBO apron and rehabilitation of the apron itself. The remarking of airfield-wide taxiways is also included. The construction phase of this project is covered under 8800 16.

Project Status: The design is complete and the project is under construction (see project 8800 16).
#6210 16 Structural & Pavement Inspection and Design – FY 16  
**FDOT F.M. #429600-1, 425920-5**

**Substantial Completion:** October 2017  
**Current Budget:** $471,100  
**Consultant:** RS&H  
**Airport:** Tampa International, Peter O. Knight, Plant City, and Tampa Executive

*Project Description:* The scope of this project is to assure the structural integrity of airport facilities and airfield pavement by first inspecting and by providing the design and implementation for the repairs as required.

*Project Status:* The implementation plan for the inspection findings and programming prioritization is in progress with a final report due in October 2017.

#6260 15 Long Term Parking Garage Level 5 and Helix Rehabilitation

**Substantial Completion:** TBD  
**Current Budget:** $2,577,100  
**Consultant:** RS&H  
**Airport:** Tampa International

*Project Description:* The scope of this project is to rehabilitate Level 5 of the Long Term Parking Garage in order to extend the useful life.

*Project Status:* To avoid parking congestion during the ongoing Master Plan construction and to the project to reclaim levels 1 and 2 of the Long Term Parking Garage, all Long Term Parking Garage projects have been placed on hold.

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

**FDOT F.M. #438693-1, 438694-1, 438695-1, 438697-1**

**Substantial Completion:** August 2017  
**Current Budget:** $2,177,500  
**Consultant:** RS&H  
**Airport:** Tampa International, Peter O. Knight, Plant City, and Tampa Executive

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

*Project Status:* The 100% design submittal was made August 15, 2017 and is under review by the Authority. The final plans and specs were due on October 31, 2017 and bids are expected to go out in early December.
#6435 17 Support Buildings and Pavement Repairs
FDOT F.M.# 431249-1

Substantial Completion: July 2018
Current Budget: $1,674,600
Consultant: RS&H
Airport: Tampa International, Peter O. Knight, Plant City, Tampa Executive

Project Description: The scope of this project is to provide remedial repairs identified in the inspection report per Project No. 6210 16 Structural and Pavement Inspection and Design.

Project Status: RS&H is working on the 30% design deliverable.

#6455 17 Airside C Boarding Level and Bridges Carpet Replacement

Substantial Completion: December 2017
Current Budget: $1,755,500
Consultant: RS&H
Airport: Tampa International

Project Description: The scope of this project is to replace the boarding level and passenger boarding bridges carpets, as well as some back of the house flooring.

Project Status: The third party reviewer heard the case of the protest by the apparent low bidder from the original solicitation and ruled in favor of the Authority. The decision was confirmed that the Authority has the right to cancel a solicitation for any reason at any time at the Authority’s discretion. The solicitation is on hold pending further litigation.

#6480 17 Economy Parking Garages North & South Level 6 & Ramp Rehabilitation
FDOT F.M.# 431252-1, 431253-1

Substantial Completion: August 2018
Current Budget: $2,125,900
Consultant: Walker Parking
Airport: Tampa International

Project Description: The scope of this project is to rehabilitate the 6th level (i.e., top) and ramps of the North and South Economy Parking Garages.

Project Status: Bids were received on September 27, 2017 and are under review. Selection is scheduled for the November Board meeting.
#6505 17 Reclaim Long Term Parking Garage Levels 1 and 2  
FDOT F.M.# 432972-1, 432973-1  
Substantial Completion: January 2019  
Current Budget: $15,595,000  
Design/Builder: Creative Contractors Inc.  
Airport: Tampa International

Project Description: The scope of this project is to reclaim Levels 1 and 2 in the Long Term Parking Garage for public parking. These levels have been used for rental car operations and will no longer be required once the ConRAC opens in early 2018.

Project Status: The 30% design submittal was received on September 22, 2017 and is under review.

#6510 17 Rental Car Fuel Tank Removal  
Substantial Completion: August 2018  
Current Budget: $2,500,000  
Consultant: RS&H  
Airport: Tampa International

Project Description: The scope of this project is to close the petroleum storage system (tank system) associated with the rental car quick turn-around (QTA) facility in the Long Term Parking Garage (Levels 1&2) and perform limited site rehabilitation of soil and groundwater at the time of tank removal. The project scope will be coordinated with Project 6505 17, Reclaim Levels 1&2 Long Term Parking Garage.

Project Status: The 90% design submittal was received in September and is under review.

#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  
Consultant: The Beck Group  
Airport: Tampa International

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

Project Status: The design contract was awarded to The Beck Group at the August 2017 Board meeting. The team has commenced work on the development of the Security System Master Plan.
III. Projects Undergoing Construction/Implementation

#1105 14 Consolidated Rental Car Center
Substantial Completion: October 2017
Current Budget: $323,543,613
Design-Build: Austin Commercial, L.P.
Airport: Tampa International

Project Description: The scope of this project is to construct a new consolidated rental car facility (ConRAC) on a 60 acre parcel of property located just south of the Economy Garage in the South Terminal Support Area. The ConRAC will be a three level, approximately 4,400 ready return space facility with a multi-level Quick-Turn-Around (QTA). The plan also includes an adjacent surface lot to accommodate vehicle storage and rental car maintenance facilities.

Project Status: The MEP system testing is running in all areas of the building. Vacuum, windshield washer fluid, and compressed air systems are 100% complete in the QTA levels 1 – 3 and verification testing has started. The fueling systems are completed in the QTA levels 1 – 3. Interior ceilings have been completed in Zones 2 and 3. Wall panel installation completed in the north core and is ongoing in the south core. Tile is complete in the CSB Zones 2 and 3 and ongoing in south core levels 1 – 4. Service Center 4 buildout is complete and received its final inspections. Landscaping continued around the south and north side of the project. Rental car company tenant improvement work has started on all levels in the Ready/Return, Customer Service Building, and Quick Turn Around.

#5382 16 South Terminal Support Area – Development Area Environmental Remediation
Substantial Completion: May 2018
Current Budget: $700,900
Consultant: CB&I
Airport: 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: The consultant continues to perform environmental professional services work, including site assessment testing and groundwater monitoring. The Authority and the State environmental regulatory agency continue to negotiate the closure of the rent-a-car fueling facility associated with the Long Term Parking Garage. This will allow for the tank and piping removal which is covered under project 6510 17 Rental Car Fuel Tanks Removal.

#5520 16 TEA Pond Maintenance
Substantial Completion: June 2017
Current Budget: $575,000
Consultant: CB&I & RS&H
Airport: Tampa Executive

Project Description: The scope of this project is to rehabilitate ponds and ditches which have experienced deteriorating natural conditions.

Project Status: The Pond C third party review was restarted in July. An updated conceptual report is due in the fall of 2017. At Pond C, pond cleaning was completed and minor follow-up work will be completed in November 2017. Aquatic plant treatment at Pond A has been successful.
#5730 16 Airfield Slab Replacement
FDOT F.M. #428057-2, 428057-4, 431497-1, 429600-1, 429604-1
Substantial Completion: December 2018
Current Budget: $1,900,400
Consultant: Kimley-Horn
Contractor: Ajax Paving Industries of Florida LLC
Airport: Tampa International

Project Description: The scope of this project is to replace various airfield concrete pavement slabs throughout the airport. The slabs are cracked or spalled to an extent that the In-house Maintenance department can no longer repair them.

Project Status: The Notice to Proceed with construction was issued on September 12, 2017 and the project is in the mobilization phase.

#5745 16 Airside F Apron Joint & Slab Rehabilitation
FDOT F.M. #429603-1, 431248-1, 431250-1
Substantial Completion: December 2018
Current Budget: $1,581,000
Consultant: Kimley-Horn
Contractor: Ajax Paving Industries of Florida LLC
Airport: Tampa International

Project Description: The scope of this project is to rehabilitate the concrete aircraft apron pavement around Airside F. This involves the replacement of broken slabs, repairs to cracks and spalls, and re-sealing of the joints between the concrete slabs.

Project Status: The Notice to Proceed with construction was issued on September 12, 2017 and the project is in the mobilization phase.

#5890 16 Network Operations Center (NOC) Upgrades
Substantial Completion: February 2018
Current Budget: $920,000
Consultant: RS&H
Airport: Tampa International

Project Description: The scope of this project consists of four components, which are at the end of useful life: 1) replace and upgrade all top of rack network switches in the NOC; 2) replace and upgrade the 20 ton A/C unit on the raised floor to meet current capacity needs; 3) provide corrective action for the fault tolerate UPS system currently installed; 4) provide a redundant power feed to the facility.

Project Status: The network switches replacement has been completed. The contract for the purchase of the new air-conditioning units was approved in July 2017, with installation commencing in the December time frame. Items 3 and 4 above are on hold. Notice to Proceed with construction was issued on August 16, 2017.
#5920 13 Main Terminal Stair Towers & Shuttle Guideway Bridge Rehabilitation & Taxiway B Bridge Reconstruction
FDOT F.M. #425920-2

Substantial Completion: March 2015 & November 2017
Current Budget: $3,883,400
Consultant: RS&H/HOK
Contractor: Tagarelli Construction/Skanska
Airport: Tampa International

STPG Stairs and Guideways - Tagarelli

Project Description: The scope includes the rehabilitation of the Main Terminal stair towers and shuttle guideway structures including painting the structural steel for the Shuttle guideway.

Project Status: Tagarelli completed construction on the Main Terminal stair towers and shuttle guideways rehabilitation project in May 2015.

Taxiway B – Hubbard

Project Description: The scope of this project includes the investigation, analysis and construction services for the reconstruction of the reinforced concrete span of the Taxiway B Bridge.

Project Status: The reconstruction of the Taxiway B Bridge was completed in October 2014. Litigation concerning this project and the Authority have been dismissed.

Shuttle Guideway F – Skanska

Project Description: The scope of this project is to refurbish and repaint the Airside F shuttle bridge superstructure in order to extend the useful life.

Project Status: Painting of the north shuttle guideway was completed in June. Skanska is scheduled to start painting the south leg when the shuttle is taken out of service for lobby renovations in the Fall of 2017.

#6105 15 Baggage Handling Systems Servers Upgrade/Enhancement
FDOT F.M. #425920-6

Substantial Completion: June 2018
Current Budget: $3,303,600
Consultant: In House Information Technology Services (Hardware)
           Brock (Software)
Airport: Tampa International

Project Description: The scope of this project includes replacing all end of life computer equipment being used in the east and west side Baggage Handling System.

Project Status: The west side RFP will be awarded to Brock Solutions at the September Board meeting.
#6155 14 & #6156 15 Replace Parking Revenue Control System – Phase I & Phase II

**Substantial Completion:** October 2016  
**Current Budget:** $15,554,900  
**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:* Testing of equipment and programming of the PARCS software is on-going. Integration of systems for valet (AVPM) and credit card processing (EMV) is in progress. Pricing redesign of the Ground Transportation System (GTS) is in progress along with the selection of the online parking booking system provider in October.

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

**Substantial Completion:** February 2018  
**Current Budget:** $4,518,500  
**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:* Redesign of the Ground Transportation system is complete and being priced. Installation of wiring for the Automated Parking Guidance System in the Long Term Parking Garage is approximately 95% complete.

#6215 16 Shuttle and Monorail System Upgrades

**Substantial Completion:** December 2017  
**Current Budget:** $1,317,300  
**Consultant:** N/A  
**Contractor:** Bombardier  
**Airport:** Tampa International  

*Project Description:* The scope of this project is to replace the end of life shuttle Operational Radio System (ORS) and the monorail transponder/interrogator system.

*Project Status:* The monorail transponder portion of the project continues to work through the communications equipment change to accommodate generational differences between the old and new software/hardware. Thales Group’s trip to test the software/hardware, which was scheduled for early September, was rescheduled for September 26th due to Hurricane Irma. Bombardier, Thales, and Transcore continue to work through the equipment reconfiguration and testing to finalize configuration.
#6250 15 Short Term Parking Garage Level 7 Rehabilitation
FDOT F.M. #425920-6

**Substantial Completion:** December 2017  
**Current Budget:** $2,006,700  
**Consultant:** RS&H  
**Contractor:** Restocon  
**Airport:** Tampa International

*Project Description:* The scope of this project is to rehabilitate Level 7 and other areas in the Short Term Parking Garage in order to extend the useful life.

*Project Status:* Notice to Proceed was issued on July 5, 2017 and the project is under construction. Restocon has completed the traffic topping in the Yeager quadrant and is moving to Phase 2, Sikorsky quadrant, to begin floor preparation.

#6275 15 ID Badge Training System Replacement

**Substantial Completion:** January 2018  
**Current Budget:** $298,000  
**Consultant:** Safety and Security Instruction  
**Airport:** Tampa International

*Project Description:* The scope of this project is replace the existing Interactive Employee Training (IET) system with a new system utilizing web browser capability, and will be in compliance with Personally Identifiable Information (PII) requirements. This system will support closed captions, multiple languages, and provide the ability for Aviation Authority staff to update existing or add new training content.

*Project Status:* The SMS training program script changes completed by HCAA and returned to vendor for review and incorporation into the training course. Non-movement area driving training (NMAT) syllabus submitted to HCAA for review and approval.

#6295 16 Replace 1996 Interior Cabling

**Substantial Completion:** Early 2018  
**Current Budget:** $1,000,000  
**Consultant:** In-House ITS  
**Airport:** Tampa International, Peter O. Knight, Plant City, and Tampa Executive

*Project Description:* The scope of this project is to replace, upgrade, and re-engineer older network copper and fiber cable infrastructure and associated hardware, which includes the network and the Shared Tenant Service systems that provide voice, data, video, CCTV, and other services.

*Project Status:* The construction is approximately 60% complete. The project will be delayed until all of the concessions white boxes are complete and turned over to the concessionaires.
#6305 15 Refurbish Airside A Shuttle Superstructure

**Substantial Completion:** June 2018  
**Current Budget:** $2,799,000  
**Design-Builder:** Skanska  
**Airport:** Tampa International

*Project Description:* The scope of this project is to refurbish and repaint the Airside A shuttle bridge superstructure in order to extend its useful life.

*Project Status:* Airside A north side of the shuttle guideway was completed in May. Painting of the south side of the shuttle will be concurrent with the renovation of the south side of the shuttle.

#6310 17 Runway 4-22 and Other Pavement Rehabilitation

**FDOT F.M. # 422551-2, 431792-1**

**Substantial Completion:** October 2018  
**Current Budget:** $6,035,200  
**Consultant:** American Infrastructure Development, Inc.  
**Contractor:** Ajax Paving Industries of Florida LLC  
**Airport:** Peter O. Knight

*Project Description:* The scope of this project is to design and construct improvements to the existing pavements for Runway 4-22; Taxiway A, C, and E; and Tie Down Areas 8000 (D), east of the T-Hangars and Tie Down Area 8000 (I), north of Taxiway C; hangar taxilanes; and fuel farm access road.

*Project Status:* The construction contract was awarded to Ajax Paving at the August 2017 Board meeting. Ajax is currently mobilizing for the start of construction in early December.

#6325 15 HCAA Enterprise Resource Planning and Analytics Program

**Substantial Completion:** October 2018  
**Current Budget:** $10,869,000  
**Consultant:** KPMG  
**Airport:** Tampa International

*Project Description:* The scope of this project is to perform an in-depth needs assessment and analysis on the challenges and desired capabilities around business function automation, cross functional integration, enterprise level reporting and dashboards, unified data modelling and elastic infrastructure capacity. The results of the assessment will be evaluated by the Authority and implemented in several releases.

*Project Status:* The Oracle Data Relationship Management (DRM) business requirements were approved and the initial set up of the application has been completed. The project remains on track for a November 2017 implementation.
#6330 15 Common/Shared Passenger Processing Systems (C/SUPPS) Phase 2
FDOT F.M. #429601-1

Substantial Completion: May 2017
Current Budget: $3,693,700
Consultant: RS&H
Contractor: Matcon Construction/ AirIT
Airport: Tampa International

Project Description: The scope of this project provides the design and construction for the continuation of C/SUPPS Phase 1 for the campus wide capability to provide C/SUPPS at an additional 10 gates at Airsides A, C, E, and F, along with 19 supporting ticket counters and airline operational space. The scope included installation of new infrastructure (millwork, computer equipment, data/power cabling) and software (EASE) at both landside and airside locations as required to bring Copa, Iceland, Silver, Southwest, Air Canada, Spirit, Sun Country and Frontier airlines on-line with the Common/Shared Use Passenger Processing System (C/SUPPS). Additionally, the Airport Operations Data Base / Resource Management System (AODB /RMS) received significant software upgrades.

Project Status: The common use gates and ticket counters were completed in November 2016. The Contractor continues working with HCAA ITS on implementation of new Resource Management System (RMS) software. The “Go Live” date for the RMS software has been set for Monday, June 5, 2017. This project will also serve as the funding source for the necessary work to reconfigure 8 existing ticket counters into common use ticket counters and other associated enabling work to assist in bringing on a new entrant air carrier, Iceland Air. It is anticipated that new flights will start in September 2017.

#6331 15 Common Use Self-Service Design
FDOT F.M. 415759-1

Substantial Completion: January 1, 2018
Current Budget: $2,044,500
Consultant: RS&H
Contractors: AirIT & Shift Construction
Airport: Tampa International

Project Description: The scope of this project provides the design for Common Use Self-Service (CUSS) at TPA’s new Consolidated Rental Car (ConRAC) and at strategic locations in the Main Terminal. A single CUSS kiosk can be used by several different participating airlines and provides an easier and faster passage through the airport by the passenger.

Project Status: Project shop drawings and submittals have been submitted to RS&H and the Authority. Production of the millwork has started. Power and low voltage conduit infrastructure from the kiosks/millwork to the electrical room has been completed.
#6340 17 General Aviation Hangar Rehabilitation  
FDOT F.M. # 428062-1, 429614-1, 429641-1, 429642-1, 431257-1, 431271-1  

**Substantial Completion:** February 2018  
**Current Budget:** $1,765,700  
**Consultant:** RS&H  
**Contractors:** Johnson-Laux & Nujak Companies  
**Airport:** Tampa Executive, Peter O. Knight, Plant City

**Project Description:** The scope of this project is to extend the useful life of various existing hangars at Tampa Executive Airport, Peter O. Knight Airport, and Plant City Airport.

**Project Status:** Phase 1: Johnson-Laux is on schedule to reach Substantial Completion on October 13, 2017 for work at Peter O. Knight Airport. Phase 2: Nujak is currently mobilizing for the start of construction in mid-October for work at Tampa Executive Airport and Plant City Airport. Phase 3: Nujak is currently in mobilization for the start of construction in early November for work at Peter O. Knight Airport.

#6370 17 Landside Airline Space Rehabilitation  

**Substantial Completion:** November 2017  
**Current Budget:** $261,400  
**Contractor:** In House Maintenance Projects Group  
**Airport:** Tampa International

**Project Description:** The scope of this project is to provide a clean, well-maintained work area for the airlines. The work will include patching and painting interior walls, cleaning or replacing wall coverings, replacing damaged ceiling tiles, deep cleaning or replacing vinyl tiles, replacing worn carpet, as needed, repair or replace restroom and breakroom fixtures, and repair or replace damaged doors.

**Project Status:** The Authority’s In-House Projects Group has been assigned an unplanned project to refurbish the North Cargo Facility. This project has been placed on hold so the group can address the needs of the facility.

#6375 17 Exterior Dynamic Sign Replacement Project  

**Substantial Completion:** December 2017  
**Current Budget:** $1,932,900  
**Consultant:** NA  
**Contractor:** Thomas Sign and Awnng Co.  
**Airport:** Tampa International

**Project Description:** The scope of this project is to install, configure, and support a new cable management software system to track and maintain campus cabling.

**Project Status:** The signs were ordered through a State Contract and were delivered in June. Thomas Sign and Awnng Company was selected in September and installation will begin in October.
#6410 17 Cable Management System Replacement

**Substantial Completion:** July 2017  
**Current Budget:** $250,000  
**Consultant:** TBD  
**Airport:** Tampa International, Peter O. Knight, Plant City, Tampa Executive  

**Project Description:** The scope of this project is to install, configure, and support a new cable management software system to track and maintain campus cabling.

**Project Status:** The project team has decided on a software vendor and product. The work has begun but due to priorities with the Master Plan projects resources have been moved to other projects.

#6415 17 CCTV Server and Storage Refresh

**Substantial Completion:** November 2017  
**Current Budget:** $1,500,000  
**Equipment Provider:** Dell/Convergent Technologies  
**Airport:** Tampa International  

**Project Description:** The scope of this project is to replace the original Closed Circuit Television (CCTV) server and storage devices.

**Project Status:** The project is complete except for final changes.

#6440 17 Perimeter Fence Rehabilitation

**FDOT F.M. # 441272-1, 441279-1**

**Substantial Completion:** December 2017  
**Current Budget:** $479,600  
**Consultant:** RS&H  
**Contractor:** Smith Fence  
**Airport:** Peter O. Knight and Plant City  

**Project Description:** The scope of this project is to enhance safety and security by rehabilitating portions of the perimeter fencing and upgrading the current access gates.

**Project Status:** Construction began in early September and is approximately 30% complete.
### #6485 17 NOC Technology Enhancements

**Substantial Completion:** September 2018  
**Current Budget:** $1,200,000  
**Consultant:** N/A  
**Airport:** Tampa International

*Project Description:* The scope of this project is to replace or upgrade critical systems in the NOC. This project will include the purchase of a server monitoring system; and the purchase of the VWMare software upgrade.

*Project Status:* The team has received the equipment for the storage area network (SAN)/Server Upgrade and installation has been completed. The software loads will begin in October.

### #7054 12 Airport Support Area Environmental Remediation Phase 6

**Regulatory Completion:** June 2019  
**Current Budget:** $4,000,000  
**Consultant:** AECOM and CB&I  
**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:* AECOM continues to perform site rehabilitation of Parcel 4208. A large percentage of the contaminant mass has been removed and the focus continues to be on spot treatment of persistent areas with an emphasis on upcoming regulatory closure. Quarterly monitoring of Parcel 4208 is scheduled for October.

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

**Substantial Completion:** Early 2018  
**Current Budget:** $131,303,410  
**Design-Build:** 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 month of September (Main Terminal) the concession tenant build out for Mind Works and PGA Tour was ongoing. Renovations continued at the Armstrong Elevator and west corridor to Long Term Parking. Earhart and Central-West escalator replacements continued. Structural steel, curtain wall, metal panels, and finishes continued on the southwest addition of the Transfer level, as well as, at the Airside E south and Airside F north shuttle berths. The south central renovations with floors and ceiling replacement continued. Shops at Bay Shore white box preparation continued. Above ceiling mechanical work and ceiling replacements continued throughout the transfer level.

Concessions: During the month of September, no new spaces opened, however tenant buildouts continued with InTune and AirEssentials at Airside E. Skanska’s demo and infrastructure continues on all four Airsides for future tenant construction.
#8110 14 Taxiway J Bridge Reconstruction  
FDOT F.M. #425920-1, 425920-3, 428362-1 & 435722-1  
AIP # 3-12-0078-061-2014; 3-12-0078-062-2015

**Substantial Completion:** February 2017  
**Current Budget:** $34,076,400  
**Design-Builders:** Cone & Graham/AECOM  
**Airport:** Tampa International

**Project Description:** The scope of this project includes reconstructing the Taxiway J Bridge over the George Bean Parkway and Bessie Coleman Service Road to support the APM. The bridge will accommodate future widening of the parkway.

**Project Status:** The project is substantially complete and in the process of being closed-out.

#8115 14 South Terminal Support Area (STSA) Roadway Improvements  
FDOT F.M. #435722-1

**Substantial Completion:** October 2017  
**Current Budget:** $25,711,299  
**Design-Builders:** Kimmins Contracting Corp/Atkins  
**Airport:** Tampa International

**Project Description:** The scope of this project is to reconstruct all roadways in the STSA to support the new ConRAC, including relocating a section of the Bessie Coleman Service Road.

**Project Status:** During the month of September, crews continued working around Post Office, installed gravel under the APM Guideway; completed the installation of the guardrail at the landing. Landscaping and sod replacement continued throughout the project with the area west of Runway 10-28 being 100% complete. Striping of the ARFF parking lot was completed. The friction course of the STSA started with Striping to follow. All traffic signals were put on test mode and are being monitored. The force main work was inspected and a punch list created. Kimmins is on-track to achieve Substantial Complete by October 1, 2017.
#8700 14 Automated People Mover (APM & DBOM)

FDOT F.M. #435722-1

Substantial Completion: February 2018
Current Budget: $412,341,647
APM Infrastructure Design-Builder: Austin Commercial/Gresham Smith
APM DBOM Design-Builder: Mitsubishi Heavy Industries America (MHIA)
Airport: Tampa International

APM Infrastructure:

Project Description: The scope of this project is to construct the infrastructure associated with a 1.4 mile long Automated People Mover System (APM) from the Main Terminal to the new Consolidated Rental Car Facility (ConRAC). Three APM stations will also be constructed and located at the Main Terminal, Economy Garage, and the ConRAC.

Project Status: At Station 1 (Main Terminal) interior metal framing activities, CMU wall construction, mechanical, electrical, plumbing and fire protection rough-ins, curtain wall, metal panels, and roof activities continued. Southwest Airlines phase 2 ticket counter work continued. At Station 2 (Economy Garage) the elevator, ceilings, interior buildout, and moving walkway activities continued. At Station 3 (ConRAC Customer Service Building) the tile completed, and exterior soffit, above ceiling rough-ins continued. Station 4 (Maintenance and Storage Facility) Austin’s punch list work continued, with joint access with Mitsubishi.

APM Design, Build, Operate, & Maintain (DBOM):

Project Description: MHIA will provide a turnkey Automated People Mover System (APM) which will integrate with the APM infrastructure being built by Austin Commercial, L.P. under a separate contract.

Project Status: SkyConnect vehicles have arrived and are onsite. Construction of the APM vehicle running surfaces is complete. MHIA has also been installing APM vehicle guiderails, guideway conduit, and emergency walkways supports. MHIA is working in the Maintenance & Storage Facility, as well as the various equipment rooms in the APM stations and installing platforms sliding doors. MHIA has moved into the MS&F and has begun testing of various systems. APM vehicle testing is underway and vehicles are operating in an automated mode.
#8800 16 Airfield Pavement Rehabilitation (Construction)
AIP # 3-12-0078-63-2016 and FDOT F.M. #431497-1, 428078-1, and 428078-2
Substantial Completion: November 2017
Current Budget: $19,218,200
Consultant: Kimley-Horn
Contractor: David Nelson Construction Co.
Airport: Tampa International

Project Description: The scope of this project is to remove and replace the existing pavement markings on the majority of the taxiways on the airfield. The project will also rehabilitate Taxiways E, U, G, N1, & S as well as the replacement of the connector taxiways to the FBO apron and rehabilitation of the apron itself. Also included in the project are the removal of sections of Taxiways H & F and the replacement of the connector Taxiway N to Runway 10-28 located at the west end of the runway.

Project Status: This project includes several phases to minimize airfield closures. Phase 1 has been completed. Phase 2 started the end of May. Phase 2A thru 2G have been completed. This work included milling and repaving Taxiway S from the east end up to Taxiway G. Added new Taxiway connectors R2 and F1 to the FBO areas earthwork and drainage between Taxiway D and Taxiway F. New electrical work for edge lights for Taxiway G and demo work at FBO area. Work has been delayed because of Hurricane Irma and excessive rainfall received and the inability to compact and pass density tests as a result of the rains. Kimley-Horn and the Authority have been working with Nelson to assist with methods to expedite construction. Nelson is also starting Phase 3 paint markings at the same time as Phase 2 to try to make up lost time in the schedule.

#8820 17 Taxiway W from W-1 to W-5 & Taxiway J Reconstruction
FDOT F.M.# 428057-3; 431248-1; 431250-1; 431300-1
Substantial Completion: December 2018
Current Budget: $15,383,800
Consultant: Kimley-Horn
Contractor: Ajax Paving Industries of Florida LLC
Airport: Tampa International

Project Description: The scope of this project is to design and reconstruct the asphalt section of Taxiway W from W-1 south of Taxiway W-5. It also includes the removal of the small asphalt section of Taxiway J from Taxiway W to Runway 1L-19R.

Project Status: The Notice to Proceed with construction was issued on September 12, 2017 and the project is in the mobilization phase.
IV. **Projects Substantially Complete**

None to report this month
<table>
<thead>
<tr>
<th>HCAA Project No. and Description</th>
<th>Architect/Engineer Contractor/Design-Build</th>
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<th>Amount Incurred</th>
<th>Percent Incurred</th>
<th>DBE W/MBE Target Percent</th>
<th>DBE W/MBE Percent Achieved to Date</th>
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<tbody>
<tr>
<td>6255 14 General Aviation Airports Master Plan Update (PCA, POK, TEA)</td>
<td>Design Michael Baker 01/27/14 875,945 63,462 63,462</td>
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Sub-Total Planning Master Plan Projects $132,400,000 $132,400,000 2 $6,768,053 $0 $0 $0 $6,768,053 $167,641 2.5% 2.5%

Sub-Total Planning Non-Master Plan Projects $7,448,600 $7,448,600 5 $1,861,913 $294,000 $0 $0 $0 $1,861,913 5 3.6% 3.6%

Total Planning $139,848,600 $139,980,000 7 $8,649,965 $63,462 $63,462 $0 $0 $8,713,428 $1,384,673 15.9% 15.9%
### Projects in Design

#### Consolidated Rental Car Facility Phase I Design (TPA)
- **HCAA Project No. and Description:** 1100 13
- **Board Approved Budget:** 2,262,262
- **Authorize Amount:** 2,262,262
- **Authorized Amount:** 2,262,262
- **Sum of Change Orders / Amendment:** 2,250,347
- **Board Approved Budget:** 2,262,262
- **Due Date:** 03/11/14
- **DBE W/MBE Target Percent:** 17.7%
- **DBE W/MBE Percent Achieved to Date:** 23.0%

#### Commercial Ground Transportation Facility (TPA)
- **HCAA Project No. and Description:** 5525 16
- **Board Approved Budget:** 3,600,000
- **Authorize Amount:** 3,600,000
- **Authorized Amount:** 1,966,654
- **Sum of Change Orders / Amendment:** 5.4%
- **Board Approved Budget:** 3,600,000
- **Due Date:** 03/11/14
- **DBE W/MBE Target Percent:** 19.0%
- **DBE W/MBE Percent Achieved to Date:** 19.6%

#### Commercial Real Estate Development-Preliminary Planning & Design (TPA)
- **HCAA Project No. and Description:** 5985 13
- **Board Approved Budget:** 2,127,743
- **Authorize Amount:** 2,127,743
- **Authorized Amount:** 1,365,811
- **Sum of Change Orders / Amendment:** 5.4%
- **Board Approved Budget:** 2,127,743
- **Due Date:** 05/02/13
- **DBE W/MBE Target Percent:** 64.2%
- **DBE W/MBE Percent Achieved to Date:** 66.4%

#### Checked Baggage System Upgrades and Optimization Construction (TPA)
- **HCAA Project No. and Description:** 6120 17
- **Board Approved Budget:** 2,015
- **Authorize Amount:** 2,015
- **Authorized Amount:** 1,015
- **Sum of Change Orders / Amendment:** 100.0%
- **Board Approved Budget:** 2,015
- **Due Date:** 12/01/14
- **DBE W/MBE Target Percent:** 15.0%
- **DBE W/MBE Percent Achieved to Date:** 15.0%

#### Airfield Pavement Rehabilitation - Design Only (TPA)
- **HCAA Project No. and Description:** 6160 15
- **Board Approved Budget:** 1,383,200
- **Authorize Amount:** 1,383,200
- **Authorized Amount:** 1,383,200
- **Sum of Change Orders / Amendment:** 100.0%
- **Board Approved Budget:** 1,383,200
- **Due Date:** 12/01/14
- **DBE W/MBE Target Percent:** 15.0%
- **DBE W/MBE Percent Achieved to Date:** 15.0%
### PROJECTS (ACTIVE) - SEP 2017

<table>
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<tr>
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<th>DBE W/MBE Percent Achieved to Date</th>
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<td>6260 15 Long Term Parking Garage Level 5 and Helix Rehabilitation (TPA)</td>
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Sub-Total Design Master Plan Projects: $15,595,000 | $15,595,000 | $1,570,679 | $0 | $0 | $0 | $1,570,679 | $567,792 | 36.1% |

Sub-Total Design Non-Master Plan Projects: $89,033,400 | $91,852,500 | $18,407,925 | $1,478,935 | $0 | $1,478,935 | $19,886,860 | $13,673,048 | 68.8% |

Total Design: $104,628,400 | $107,447,500 | $19,978,604 | $1,478,935 | $0 | $1,478,935 | $21,457,539 | $14,240,840 | 66.4% |
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<th>DBE W/MBE Target Percent</th>
<th>DBE W/MBE Achieved to Date</th>
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<td>5382 16 [STSA Development Area Environmental Remediation (TPA)]</td>
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### Projects Undergoing Construction/Implementation

#### HCAA Project No. and Description

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<td>5745 16</td>
<td>Airside F Apron Joint &amp; Slab Rehabilitation (TPA)</td>
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<td>5920 13</td>
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### Notes

- [STSA Development Area Environmental Remediation (TPA)]
- [Airfield Slab Replacement (TPA)]
- [Airside F Apron Joint & Slab Rehabilitation (TPA)]
- [Network Operations Center (NOC) Upgrades (TPA)]
- [Main Terminal Stair Towers & Shuttle Guideway Bridges Rehabilitation (TPA)]
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### PROJECTS (ACTIVE) - SEP 2017

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### PROJECTS (ACTIVE) - SEP 2017

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**Footnotes on last page**
# PROJECTS (ACTIVE) - SEP 2017

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(1) RS&H Inc. Consulting Agreement started on 3/3/11 and ended 3/31/16, with an overall D/W/MBE target of 5%, SEP 2017 reported achievement on completed projects is 4.72%, on projects in process is 16.60% with an overall achievement is 5.80%.
(2) RS&H Inc. Consulting Agreement started on 11/5/16, with an overall D/W/MBE target of 10%, SEP 2017 reported achievement on completed projects is 18.96%, on projects in process is 12.38% with an overall achievement is 13.37%.
(3) CB&I Consulting Agreement started on 5/1/14, with an overall D/W/MBE target of 10%, SEP 2017 reported achievement on completed projects is 12.83%, on projects in process is 13.58% with an overall achievement is 13.06%.
(4) CDM Engineering Services Agreement (Drew Park) started on 10/1/1993 and ended on 12/31/15 with an overall D/W/MBE target of 20%. Final reported achievement with an overall achievement of 19.73%.
(5) ECT Engineering Services Agreement (Drew Park) started on 10/1/1993, with an overall D/W/MBE target of 23% and ended on 12/31/15, Final reported achievement with an overall achievement is 27.43%.
(6) URS Corp Southern Consulting Agreement started on 10/7/10, ended on 9/30/13 with an overall D/W/MBE target of 10%, Final reported achievement with an overall achievement of 10.47%
(7) Jacobs Project Management Co. Consulting Agreement started on 4/3/14, with an overall D/W/MBE target of 10%, SEP 2017 reported achievement on completed projects is 13.99%, projects in process is 15.30% with an overall achievement of 15.03%
(8) Walker Consulting Agreement started on 7/2/2015, with an overall D/W/MBE target of 10%, SEP 2017 reported achievement on completed projects is 6.78%, on projects in process is 0% with an overall achievement of 3.08%
### Projects Substantially Complete

#### 5600 16 General Aviation (GA) Automated Weather Observation System (AWOS) Improvements (POK, PCA, TEA)
- **Design:** RS&H
- **Construction (Other):**
- **Substantial Completion Date:** 1/18/18
- **Board Approved Budget:** $74,126
- **Current Rebaseline Budget:** $74,126
- **Authorized Amount:** $74,126
- **Sum of Change Orders / Amends:** $74,126
- **Approved by CEO:**
- **Approved by Board:**
- **Total Authorized:** $74,126
- **Amount Incurred to Date:** $74,126
- **Estimated Costs to Complete:** $74,126
- **Total Estimated Final Costs:** $74,126
- **Budget Variance Fav / (UnFav):** $0
- **DBE W/ MBE Target Percent:** 6.0%
- **DBE W/ MBE Estimated Percent Achieved:**

#### 5705 16 Airport C Airlines and TSA Space Rehabilitation (TPA)
- **Construction (Other):**
- **Substantial Completion Date:** 1/18/18
- **Board Approved Budget:** $100,000
- **Current Rebaseline Budget:** $100,000
- **Authorized Amount:** $100,000
- **Sum of Change Orders / Amends:** $100,000
- **Approved by CEO:**
- **Approved by Board:**
- **Total Authorized:** $100,000
- **Amount Incurred to Date:** $100,000
- **Estimated Costs to Complete:** $100,000
- **Total Estimated Final Costs:** $100,000
- **Budget Variance Fav / (UnFav):** $0
- **DBE W/ MBE Target Percent:** 6.0%
- **DBE W/ MBE Estimated Percent Achieved:**

#### 5760 11 Main Terminal Elevator Penthouse Roof Replacement (TPA)
- **Design:** RS&H (note 1)
- **Construction (Other):**
- **Substantial Completion Date:** 1/18/18
- **Board Approved Budget:** $1,175,900
- **Current Rebaseline Budget:** $499,800
- **Authorized Amount:** $70,385
- **Sum of Change Orders / Amends:** $88,394
- **Approved by CEO:**
- **Approved by Board:**
- **Total Authorized:** $339,520
- **Amount Incurred to Date:** $29,734
- **Estimated Costs to Complete:** $336,252
- **Total Estimated Final Costs:** $338,852
- **Budget Variance Fav / (UnFav):** $2,600
- **DBE W/ MBE Target Percent:** 6.0%
- **DBE W/ MBE Estimated Percent Achieved:**

#### 5905 17 ARFF Facility Refurbishment (TPA)
- **Construction (Other):**
- **Substantial Completion Date:** 1/18/18
- **Board Approved Budget:** $1,000,000
- **Current Rebaseline Budget:** $884,800
- **Authorized Amount:** $483,800
- **Sum of Change Orders / Amends:** $200,536
- **Approved by CEO:**
- **Approved by Board:**
- **Total Authorized:** $1,085,300
- **Amount Incurred to Date:** $1,065,402
- **Estimated Costs to Complete:** $1,065,402
- **Total Estimated Final Costs:** $1,085,300
- **Budget Variance Fav / (UnFav):** -0.2%
- **DBE W/ MBE Target Percent:** 6.0%
- **DBE W/ MBE Estimated Percent Achieved:**

#### 6150 16 Airfield Support Facility Roof Rehabilitation (TPA)
- **Design:** RS&H (note 1)
- **Construction (Other):**
- **Substantial Completion Date:** 1/18/18
- **Board Approved Budget:** $1,567,300
- **Current Rebaseline Budget:** $1,906,529
- **Authorized Amount:** $1,770,200
- **Sum of Change Orders / Amends:** $213,771
- **Approved by CEO:**
- **Approved by Board:**
- **Total Authorized:** $1,770,200
- **Amount Incurred to Date:** $1,770,200
- **Estimated Costs to Complete:** $1,770,200
- **Total Estimated Final Costs:** $1,770,200
- **Budget Variance Fav / (UnFav):** -0.2%
- **DBE W/ MBE Target Percent:** 6.0%
- **DBE W/ MBE Estimated Percent Achieved:**

#### 6220 15 Perimeter Security Study and Enhancement (TPA, POK, PCA, TEA)
- **Design:** RS&H (note 1)
- **Construction (Other):**
- **Substantial Completion Date:** 1/18/18
- **Board Approved Budget:** $1,175,900
- **Current Rebaseline Budget:** $499,800
- **Authorized Amount:** $70,385
- **Sum of Change Orders / Amends:** $88,394
- **Approved by CEO:**
- **Approved by Board:**
- **Total Authorized:** $339,520
- **Amount Incurred to Date:** $29,734
- **Estimated Costs to Complete:** $336,252
- **Total Estimated Final Costs:** $338,852
- **Budget Variance Fav / (UnFav):** $2,600
- **DBE W/ MBE Target Percent:** 6.0%
- **DBE W/ MBE Estimated Percent Achieved:**

#### 6245 15 Long Term Parking Garage Levels 3, 4 & 5 Lighting Fixtures Replacement (TPA)
- **Design:** RS&H (note 1)
- **Construction (Other):**
- **Substantial Completion Date:** 1/18/18
- **Board Approved Budget:** $1,000,000
- **Current Rebaseline Budget:** $884,800
- **Authorized Amount:** $483,800
- **Sum of Change Orders / Amends:** $200,536
- **Approved by CEO:**
- **Approved by Board:**
- **Total Authorized:** $1,085,300
- **Amount Incurred to Date:** $1,065,402
- **Estimated Costs to Complete:** $1,065,402
- **Total Estimated Final Costs:** $1,085,300
- **Budget Variance Fav / (UnFav):** -0.2%
- **DBE W/ MBE Target Percent:** 6.0%
- **DBE W/ MBE Estimated Percent Achieved:**

#### 6280 15 Structural & Pavement Inspection & Rehabilitation
- **Design:** RS&H
- **Construction (Other):**
- **Substantial Completion Date:** 1/18/18
- **Board Approved Budget:** $1,000,000
- **Current Rebaseline Budget:** $1,770,200
- **Authorized Amount:** $1,770,200
- **Sum of Change Orders / Amends:** $213,771
- **Approved by CEO:**
- **Approved by Board:**
- **Total Authorized:** $1,770,200
- **Amount Incurred to Date:** $1,770,200
- **Estimated Costs to Complete:** $1,770,200
- **Total Estimated Final Costs:** $1,770,200
- **Budget Variance Fav / (UnFav):** -0.2%
- **DBE W/ MBE Target Percent:** 6.0%
- **DBE W/ MBE Estimated Percent Achieved:**

#### 6285 15 Petroleum Storage Systems Replacement/Refurbishment (TPA, TEA, POK, PCA)
- **Design:** CB&I
- **Construction (Other):**
- **Substantial Completion Date:** 1/18/18
- **Board Approved Budget:** $1,000,000
- **Current Rebaseline Budget:** $1,770,200
- **Authorized Amount:** $1,770,200
- **Sum of Change Orders / Amends:** $213,771
- **Approved by CEO:**
- **Approved by Board:**
- **Total Authorized:** $1,770,200
- **Amount Incurred to Date:** $1,770,200
- **Estimated Costs to Complete:** $1,770,200
- **Total Estimated Final Costs:** $1,770,200
- **Budget Variance Fav / (UnFav):** -0.2%
- **DBE W/ MBE Target Percent:** 6.0%
- **DBE W/ MBE Estimated Percent Achieved:**
## Projects (All Projects Substantially Complete During FY17) Through Sep 2017

### Substantially Complete Projects

<table>
<thead>
<tr>
<th>HCAA Project No. and Description</th>
<th>Architect/Engineer/Contractor/Design-Builder</th>
<th>Substantial Completion Date</th>
<th>Board Approved Budget</th>
<th>Current Rebaseline Budget</th>
<th>Board Approved Contract/Agreement Date</th>
<th>Authorized Amount</th>
<th>Sum of Change Orders / Amendments</th>
<th>Approved by CEO</th>
<th>Approved by Board</th>
<th>Total Authorized</th>
<th>Amount Incurred to Date</th>
<th>Estimated Costs to Complete</th>
<th>Total Estimated Final Costs</th>
<th>Budget Variance Favorable/Unfavorable</th>
<th>DBE W/MBE Target Percent</th>
<th>DBE W/MBE Estimated Percent Achieved</th>
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<tbody>
<tr>
<td>BGIS 13</td>
<td>Fuel Farm Upgrades (TPA)</td>
<td></td>
<td>09/01/17</td>
<td>1,200,000</td>
<td>1,291,400</td>
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<td>1,286,989</td>
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<td>1,290,957</td>
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</table>

#### Design
- AHS
- Titas International

#### Construction
- AHS

#### Other (In House/Misc)
- 40,414

**Total Project Costs/Budget Approved 12/16/16**
- 6,500,000
- 9,759,800
- 9,929,659
- 0
- 0
- 0
- 9,929,659
- 8,107,336
- 1,410,619
- 19,571,366

**Estimated Costs to Complete Total Substantially Complete Master Plan Projects**
- 0
- 0
- 0
- 0
- 0
- 0
- 0
- 0
- 0
- 0

**Total Substantially Complete Non-Master Plan Projects**
- 16,593,500
- 20,355,900
- 12
- 19,593,963
- 172,805
- 52,500
- 120,305
- 19,996,768
- 17,117,625
- 2,453,741
- 19,571,366

### Notes
1. RS&H Inc. Consulting Agreement started on 3/3/11 and ended 3/31/16, with an overall DBE/WBE target of 5%. SEP 2017 reported achievement on completed projects is 4.72%, on projects in process is 16.60% with an overall achievement is 5.80%.
2. CB&I Consulting Agreement started on 5/1/14, with an overall DBE/WBE target of 23%. SEP 2017 reported achievement on completed projects is 27.43%.
3. CDM Engineering Services Agreement (Drew Park) started on 10/1/1993 and ended on 12/31/15 with an overall DBE/WBE target of 20%. Final reported achievement with an overall achievement of 19.99%.
4. Future Consulting Agreement (Drew Park) started on 10/1/1993, with an overall DBE/WBE target of 20%. SEP 2017 reported achievement on completed projects is 13.06% and projects in process is 13.06%.
5. ECT Engineering Services Agreement (Drew Park) started on 10/7/10, ended on 9/30/13 with an overall DBE/WBE target of 10%. SEP 2017 reported achievement on completed projects is 10.47%.
6. Jacobs Project Management Co. Consulting Agreement started on 4/3/14, with an overall DBE/WBE target of 10%. SEP 2017 reported achievement on completed projects is 0% with an overall achievement of 0%.
7. Walker Consulting Agreement started on 7/2/2015, with an overall DBE/WBE target of 10%. SEP 2017 reported achievement on completed projects is 0% with an overall achievement of 0%.

Highlighted projects are included in the substantial completion section of the current CIP status report.
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Estimated Cost</th>
<th>AIP Grants</th>
<th>FDOT Grants</th>
<th>TSA Grants</th>
<th>Bond Funds</th>
<th>Authority Funds from Operations</th>
<th>PFC Funds</th>
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<td>Airside C Field Boarding Bridge Carpet Replacement</td>
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<td>Automated Transit Systems (ATS)</td>
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<td>Checked Baggage System Upgrades (East Airside)</td>
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<td>Landside Airline Space Rehabilitation</td>
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<td>Reclaim Long Term Parking Levels 1&amp;2</td>
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**FY17 Budget Amendment- Master Plan**

| Demolish Red Side Garage & Former AS-D Guideway    | 10,631,000     |            | 4,222,327   |            | 6,408,673  |                                 |           |
| Gateway Development Area                           | 121,769,000    | 1,500,000  | 120,269,000 |            |            |                                 |           |

**Total Fiscal Year 2017**

<p>|                                           | 220,658,180 | 9,194,500 | 21,990,461 | - | 139,404,054 | 27,613,845 | 22,455,320 |</p>
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Estimated Cost</th>
<th>AIP Grants</th>
<th>FDOT Grants</th>
<th>Bond Funds</th>
<th>Authority Funds From Operations</th>
<th>PFC Funds</th>
<th>Public/Private Partnerships</th>
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<td>FDOT Grants</td>
<td>Bond Funds</td>
<td>Authority Funds From Operations</td>
<td>PFC Funds</td>
<td>Public/Private Partnerships</td>
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<td>WiFi enhancements</td>
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<td>GBP and Bessie Coleman Service Rd from PO north to AS/F (Asphalt Pavement Overlay)</td>
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<td>Structural Inspection (TPA)</td>
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<td>Maintenance and tenant contingency</td>
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<td>Structural and pavement rehabilitation</td>
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<td>Admin Bldg 2800 Rehabilitation - POK</td>
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<td>Fire suppression system refurbishment - Tampa Executive</td>
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<td>Overlay RW 10-28 &amp; Terminal Apron Seal Coat (PCA)</td>
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<td>Estimated Cost</td>
<td>AIP Grants</td>
<td>FDOT Grants</td>
<td>Bond Funds</td>
<td>Authority Funds From Operations</td>
<td>PFC Funds</td>
<td>Public/Private/Partnerships</td>
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<td>GA Maintenance Facility Rehabilitation (PCA, POK, TEA)</td>
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<td>Electronic visual information display panel replacement</td>
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<td>Baggage system scanners replacement</td>
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<td>K-9 Facility Refurbishment</td>
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<td>Replace Airfield Perimeter Fence</td>
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<td>Service road from gate P6a to P3 pavement replacement</td>
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<td>Cargo/GSE parking lot asphalt pavement rehabilitation</td>
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<td>Voice over IP (VoIP) Equipment Refresh</td>
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<td>IDF Technology Refresh</td>
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<td>New Terminal Building - Peter O. Knight</td>
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<td>Service Roads Rehabilitation - Tampa Executive</td>
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<td>Hangar Rehabilitations (2200E - PCA, At POK 4000/E, 4200E, 4600/H, 6600/T)</td>
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<td>Hangar expansion - Plant City</td>
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<td>T-Hangar 2400 Addition - Plant City</td>
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<td>T-Hangar 7000 Addition - POK</td>
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<td><strong>Total Fiscal Year 2019</strong></td>
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<td><strong>$35,404,450</strong></td>
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| Project Title                                                                 | Estimated Cost | AIP Grants | FDOT Grants | Bond Funds | Authority
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<td>Airside A Boarding Bridges, PCA AHU and GPU Replacements</td>
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<td>7,479,505</td>
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<td>Airside F Restroom Refurbishment</td>
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<td>Baggage Claim Level Carpet Replacement</td>
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<td>Airside &amp; outdoor and TSA areas rehabilitation</td>
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<td>TSTA / Authority Network equipment replacement, phase 2</td>
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<td>Airside and Departure Dives Ceiling Replacement</td>
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<td>Baggage Claim Level Carpet Replacement</td>
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<td>Baggage Checkpoint LCD Signage Replacement, LED</td>
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<td>East &amp; west vault emergency generators &amp; switch replacement</td>
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<td>Fuel line replacement</td>
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<td>Runway 10/28 east of runway 1L, including fuel pads and branch accesses H, G &amp; H-1 asphalt rehabilitation</td>
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<td>275,000</td>
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<td>Tampa International Airport Master Plan Update</td>
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<td>Carpet replacement for shuttle, monorail and monorail lobby carpet</td>
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<td>Long term garage elevator controls and drive replacement</td>
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<td>Long term garage elevator room air conditioning replacement</td>
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<td>Microscopical offices air conditioning unit replacement</td>
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<td>LUPG - Level 3 Monorail, Facade and Staircases</td>
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<td>Maintenance and tenant contingency</td>
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<td>Structural and pavement inspection and design</td>
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<td>CIG and Approach Areas, Aerials &amp; Taxiwaying (all Airports)</td>
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<td>Overlay Taxiway F, Apron C and other Pavements, TEA</td>
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<td>Runway 5/23 Associated Taxiway Signage and Lighting, MALSR &amp; RITLS</td>
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<td>Seal coat West Apron, Access Road &amp; Parking Lot, PCA</td>
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<td>Airside A sort facility interior/exterior refurbishment</td>
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<td>Airside C interior finishes refurbishment</td>
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<td>Static pathway signage replacement</td>
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<td>Common Use Passenger Processing System Enhancement, Ph 2, Step 1</td>
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<td>Long term garage emergency generator replacement</td>
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<td>Operations interactive employee training system replacement</td>
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<td>Hangar 3400/E (PCA) &amp; 5400/B rehabilitation</td>
<td>150,000</td>
<td>144,000</td>
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<tr>
<td>Service building roof rehabilitation</td>
<td>167,600</td>
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<td>Hangar expansion - Peter O. Knight</td>
<td>3,882,500</td>
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<td>3,882,500</td>
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<tr>
<td>Total Fiscal Year 2020</td>
<td>$140,739,449</td>
<td>$3,835,467</td>
<td>$14,978,683</td>
<td>$60,710,966</td>
<td>$57,331,833</td>
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<tr>
<td>Project Title</td>
<td>Estimated Cost</td>
<td>AIP Grants</td>
<td>FDOT Grants</td>
<td>Bond Funds</td>
<td>Authority From Operations</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------------</td>
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<tr>
<td>Airside C Airline and TSA Space Rehabilitation</td>
<td>200,000</td>
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<tr>
<td>Landside elevator replacements</td>
<td>9,060,500</td>
<td>-</td>
<td>2,875,250</td>
<td>6,185,250</td>
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<tr>
<td>Replace traffic coating on curbside drives</td>
<td>1,240,800</td>
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<td>1,240,800</td>
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<tr>
<td>Landside fire suppression system refurbishment</td>
<td>1,500,000</td>
<td>750,000</td>
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<tr>
<td>Baggage handling systems servers upgrade/enhancement</td>
<td>2,237,100</td>
<td>1,062,700</td>
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<td>1,147,950</td>
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<tr>
<td>A/V Conference Room Refresh</td>
<td>500,000</td>
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<tr>
<td>Common Use Equipment Refresh</td>
<td>500,000</td>
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<td>Ramp A concrete joint and slab rehabilitation</td>
<td>2,125,400</td>
<td>1,062,700</td>
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<td>1,062,700</td>
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<tr>
<td>Structural and pavement rehabilitation</td>
<td>1,862,900</td>
<td>931,500</td>
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<tr>
<td>Taxilane T Realignment and Corporate Asphalt Service Rd Replacement</td>
<td>7,102,900</td>
<td>3,276,796</td>
<td>1,913,053</td>
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<tr>
<td>Improve Infrastructure for Drew Park Area</td>
<td>4,000,000</td>
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<tr>
<td>Wildlife Assessment</td>
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<tr>
<td>Part 150 Noise Study</td>
<td>1,500,000</td>
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<tr>
<td>Airfield Pavement Management System (APMS) Update</td>
<td>325,000</td>
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<td>LTPG Level 6</td>
<td>1,641,700</td>
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<td>Maintenance and tenant contingency</td>
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<tr>
<td>Walter Corporate Hangar Rehabilitation</td>
<td>421,100</td>
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<td>Mobile Command Vehicle</td>
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<tr>
<td>Roadway Pavement Inspection (TEA/TPA/POK/PCA)</td>
<td>150,000</td>
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<td>150,000</td>
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<tr>
<td>Support Facility Inspection (TEA/TPA/POK/PCA)</td>
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<tr>
<td>Hangar Rehabs:6800/S &amp; Shade Hangar 42000F, POK; Shade Hangar 32000F, PCA; Bulk Hangars 3700A &amp; 3800B - TEA</td>
<td>455,000</td>
<td>364,000</td>
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<td>91,000</td>
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<td>Hangar 5300/N Rehabilitation - TEA</td>
<td>151,650</td>
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<tr>
<td>Roadway and Parking Lot Crack Sealing - TEA</td>
<td>279,000</td>
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<td>Runway 18/36 REL &amp; PAPI light replacement - Tampa Executive</td>
<td>353,600</td>
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<td>28,400</td>
<td>325,200</td>
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<tr>
<td>New Monument Signs for all GA Airports</td>
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<td>Long term garage switchgear replacement</td>
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<td>ARFF station roof refurbishment</td>
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<tr>
<td><strong>Total Fiscal Year 2021</strong></td>
<td><strong>$39,032,050</strong></td>
<td><strong>$3,276,796</strong></td>
<td><strong>$9,014,053</strong></td>
<td><strong>$4,000,000</strong></td>
<td><strong>$22,741,202</strong></td>
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