



# Aviation CIP/ Non-CIP Project Status

Monday, December 12, 2022

## Agenda

- Completed Projects
- Aviation ITSD
- Stinson – SSF
- Airfield – SAT
- Terminal Development Program
- Terminal
- Other
- Transit and Roadway
- Parking
- Non-Capital O&M





# Completed Projects



# Completed Projects in FY 2023



## Capital Improvements Program

- 33-00321 Stinson Utilities and Pole Relocation
- 33-00238 Stinson New Taxiway E
- 33-00333 Baggage Handling System Upgrade (High-Level Controls)

## Non-Capital Improvements Program O&M



# Aviation ITSD





# 33-00044 Outside Plant Campus IT Ring



Consultant:	JW Group
Contractor:	TBD
Status:	Not Begun
Project Manager:	Frederick Forehand

Phase	Start	Completion
SOW/Design	Jan 23	Jul 24
Procurement	Jan 25	Mar 25
Construction	Mar 25	Jan 27

**Project Description:** This project will complete the Outside Plant Communication Ring around the San Antonio International Airport. This work will provide the connectivity to all remaining distribution nodes.



## Project Status

- Funding is pending approval of a DIR contractor.
- SOW will take approx. 12 Months with the design completion taking another 6 months.
- Will Engaging Plummer Group for Design through DIR in 4th quarter FY23

## Costs / Budget

Total Project Cost/Budget:	\$ 7,734,000
Funding Source:	IF

# 33-00059 Airport EVIDS



**Consultant:**  
**Contractor:**  
**Status:**  
**Project Manager:**

Faith Group  
In-Fax  
On-Track  
Doug Stoyko (JW Group)

Phase	Start	Completion
Procurement	Aug 22	Nov 22
Detailed Planning	Nov 22	Jan 23
Execution	Jan 23	May 23

**Project Description:** System Replacement – includes all end device replacement in Term A, reusing end devices in Term B. New system will integrate with the Paging system and common use.

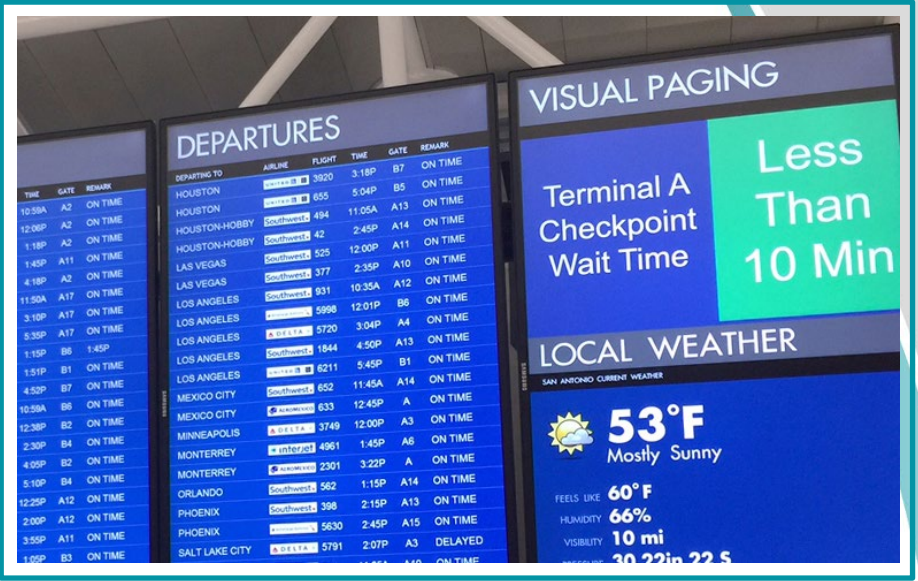
### Costs / Budget

Total Project Cost/Budget:

\$ 1,632,400

Funding Source:

IF



### Project Status

- PO has been issued and project planning is underway, starting with clarification of scope
- 32 displays are in need of urgent replacement, and they are expected to arrive mid-December
- M&S: The Month-to-Month extension is being finalized – changing from a 4 month to 8 months – no change to total dollar amount (keep under \$50k total)



# 33-00068 Paging Modernization



**Consultant:** Faith Group  
**Contractor:** Ford AV  
**Status:** Delayed  
**Project Manager:** Doug Stoyko (JW Group)

Phase	Start	Completion
Execution	Dec 20	Feb 23

**Project Description:** System rip-and-replace – includes Terminal A & B network infrastructure and paging end devices. Contract Term: 5+1+1 agreement

## Costs / Budget

**Total Project Cost/Budget:** \$ 2,279,980  
**Funding Source:** CIF



## Project Status

- A \$35,057 Change Order has been prepared to address the cabling pathway challenge for the 17 wall-mounted and jet bridge PA Stations at Terminal A departure gates. Requires City Council approval in January
- Also looking to fund an additional mic (\$7,111) and two additional workstations (\$24,126) in the AICC
- Project Closeout is planned for the new year pending completion of the change order work
- Terminal A Info Desk relocation installation is in progress

# 33-00322 Airport Enterprise Asset Management / Computerized Maintenance Management System



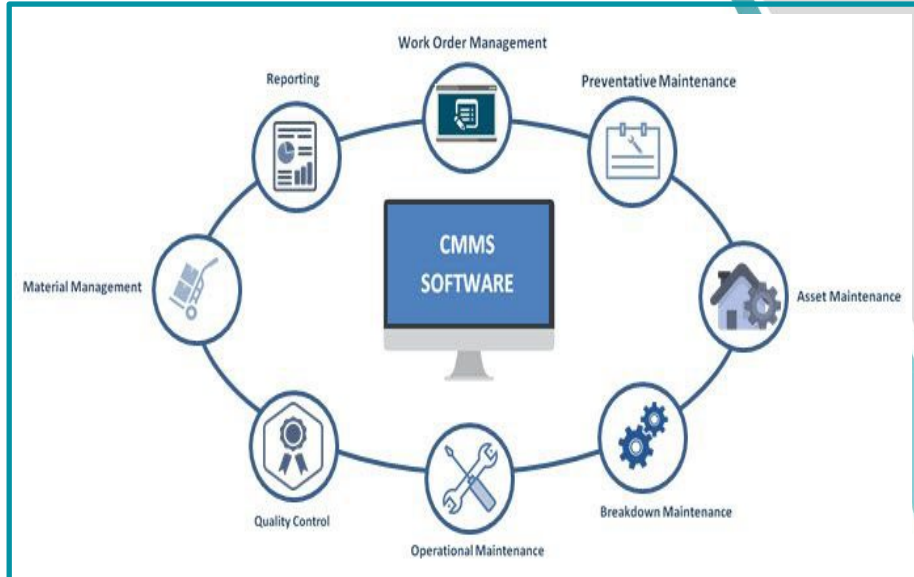
**Consultant:** JW Group  
**Contractor:** TBD  
**Status:** On-Track  
**Project Manager:** Heidi Kluber (Interim)

Phase	Start	Completion
Planning	Mar 22	Sep 22
Design	Oct 22	Feb 23
Procurement	Mar 23	Sep 23
Installation	Oct 23	Feb 24

**Project Description:** This software enhances the tracking capabilities for critical assets for accurate reporting of maintenance and performance.

## Costs / Budget

Total Project Cost/Budget: \$ 2,446,000  
Funding Source: IF



## Project Status

- Stakeholder meetings are in progress currently to review the as-is process maps
- These processes will be used to determine functionality requirements for the new system



# 33-00232 Airport Information Management System



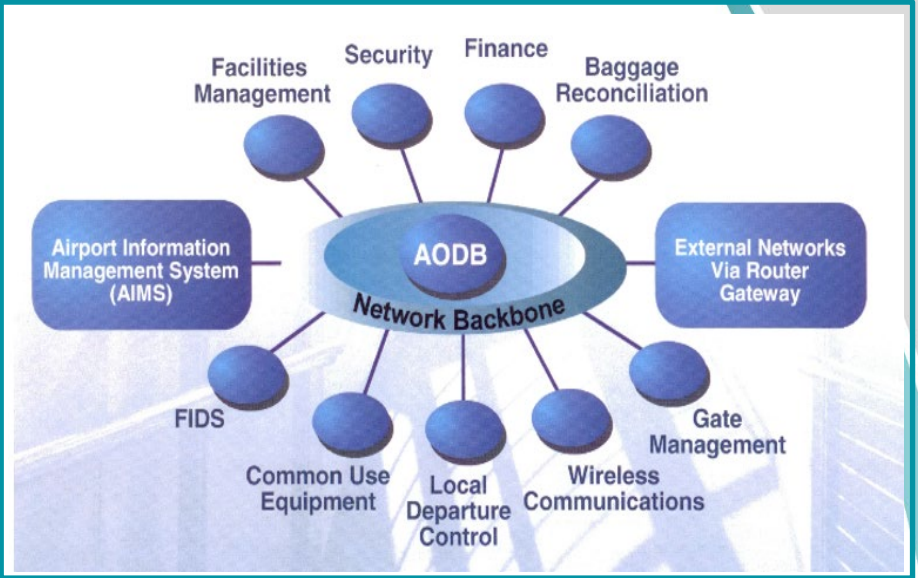
<b>Consultant:</b>	Faith Group
<b>Contractor:</b>	TBD
<b>Phase:</b>	Design
<b>Status:</b>	On-Track
<b>Project Manager:</b>	Heidi Kluber (Interim)

Phase	Start	Completion
Design	Oct 21	Oct 23

**Project Description:** Future heartbeat of the airport -- includes airport wide database for storing, managing, and dissemination of data. This is the first project under AVI Data Management Program. includes data exchange and BI – also integrates with Resource Management Sys. (RMS), Flt. Info. Display Sys. (FIDS), and Common Use Passenger Processing Sys. (CUPPS).

## Costs / Budget

Total Project Cost/Budget:	\$ 1,906,883
Funding Source:	IF



## Project Status

- Coordinating with project champion and ITSD
- 14 Nov 22 - Renamed Airport Data Management System (ADMS)
- Design Phase TBD

# 33-00250 CCTV/ACS System Replacement



**Consultant:** InterTech  
**Contractor:** InterTech  
**Status:** On-Track  
**Project Manager:** Reporting: Frederick Forehand

Phase	Start	Completion
Planning	Oct 22	Oct 23 ASC
Planning	Oct 22	Oct 25 CCTV

**Project Description:** System Enhancement Project: Version upgrade for both Genetec (CCTV) and Identic (Access Control) -- Servers, software, end of life door hardware and all end-of-life cameras to be replaced.

## Costs / Budget

Total Project Cost/Budget: \$ 1,931,826  
Funding Source: IF



## Project Status

- SC was created on 6 Oct 2022
- Delivery of equipment is expected by the start of the 4th quarter FY23
- Network Assessment required due to proposed integration of 1080p and 4k cameras. Start Date for the assessment is Mid January FY 23.



# 33-00331 Terminal A New IDF Room



**Consultant:** JW Group  
**Contractor:** JW Group for SOW  
**Status:** On-Track  
**Project Manager:** Frederick Forehand

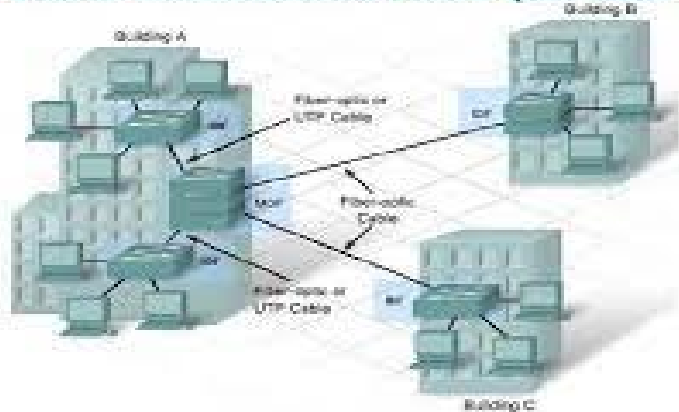
Phase	Start	Completion
SOW/Design	Nov 22	Jan 23
Procurement	Mar 23	May 23 / FY23 spend
Construction	May 23	Sep 23 / FY23 Spend

**Project Description:** This project will construct a new communications room located on the nonsecure side of the ticketing lobby. This project will install new horizontal cabling routed to new communications rooms, and decommissions legacy communications rooms.

## Costs / Budget

Total Project Cost/Budget:	\$ 3,427,000
Funding Source:	IF

### Telecommunications Room (IDF MDF)



## Project Status

- Deliver SOW by 4 Jan 2023
- Project discovery will begin November 15 by JW Group.
- SOW to be requested from JW group and delivered by Nov 2022. Coordination is with a DIR CISCO Contractor

# 33-03314 Passenger Flow Management System Expansion To TB



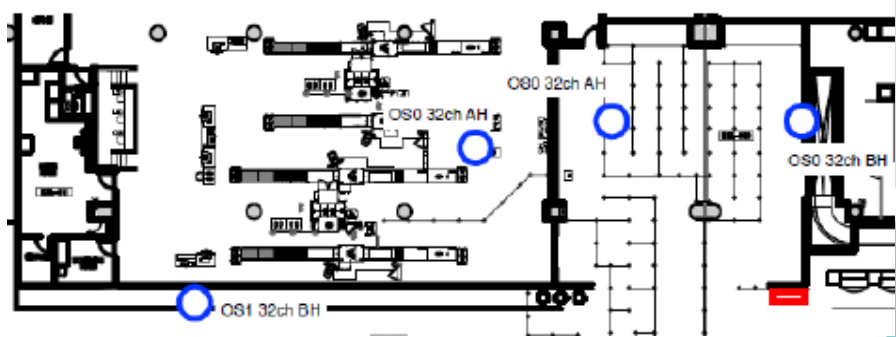
**Consultant:** N/A  
**Contractor:** Infax  
**Status:** On-Track  
**Project Manager:** Doug Stoyko (JW Group)

Phase	Start	Completion
Execution	Aug 22	Mar 23

**Project Description:** This project extends the existing Queue management system from Terminal A into Terminal B at the Terminal B check point. It is also exploring how the system can provide passenger movement information in the rest of the terminal.

## Costs / Budget

**Total Project Cost/Budget:** \$ 258,000  
**Funding Source:** CIF



## Project Status

- Upgrade to the System in Terminal A is a prerequisite and is delayed
- Vendor quotes have been received and Purchase Order process initiated (\$88,566) for system and display
- Location of sensors (blue circles) and display (red square) has been determined.
- Purchase Orders for cabling and conduit have been received. Awaiting Purchase Order for system and display





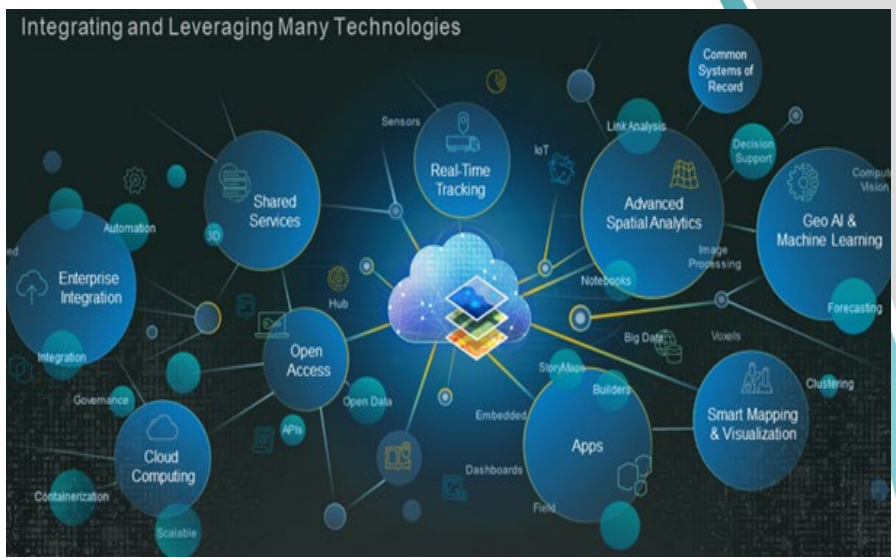
**Consultant:** JW Group / Jacobsen Daniels  
**Contractor:** TBD  
**Status:** On-Hold  
**Project Manager:** Heidi Kluber (Interim)

Phase	Start	Completion
Execution	Jan 22	FY26

**Project Description:** Implement GIS for AVI (Geographic Information Systems) -- New GIS platform to capture, store, update, and create maps and drawings for all airport property, facilities and infrastructure. SAAS has a desire to move in this same direction as the industry and establish GIS as the single platform for georeferenced and graphical information and data.

## Costs / Budget

Total Project Cost/Budget:	\$ 1,305,000
Funding Source:	CIF



## Project Status

- Stakeholder Engagement is 100% complete
- Application Development (Sandbox construction) is complete
- Final FY22 project report delivery scheduled 10/19 and planning for FY23

# 33-03339 Network End of Life Replacement



**Consultant:** COMSOL  
**Contractor:** COMSOL  
**Status:** In-Progress  
**Project Manager:** Frederick Forehand

Phase	Start	Completion
Planning	Mar 22	Sep 23

**Project Description:** This project will replace end of life technology such as data networks, storage, and server IT infrastructure for the San Antonio International Airport and Stinson Municipal Airport.



## Project Status

- Network EOL for storage will be complete by the first week of Jan 2023.
- Installation plan is to be revised due to the sporadic delivery of equipment. The completion of the EOL project will not be scheduled until after January 3 FY23.

## Costs / Budget

**Total Project Cost/Budget:** \$ 2,907,000  
**Funding Source:** IF



# Stinson – SSF





# 33-00091 Stinson Terminal Roof and HVAC Replacement



<b>Consultant:</b>	Atkins
<b>Contractor:</b>	TBD
<b>Status:</b>	On-Track
<b>Project Manager:</b>	Jose Bermudez

Phase	Start	Completion
Design	Jan 22	May 22
Procurement	Jun 22	Jan 23
Construction	Feb 23	Aug 24

**Project Description:** The project includes services to provide design and construction documents for the roof system and roof top units replacement of the Stinson Airfield Terminal (SSF), and for the roof top units replacement on the adjacent wings.

## Costs / Budget

Total Project Cost/Budget:	\$ 1,648,566
Funding Source:	Stinson Revolving Fund (applying for ATP)



## Project Status

- One respondent within the engineers estimate. Downtown Procurement reviewing and will provide a determination.
- Solicitation requested 30 Sep 2022, bid opening 1 Nov 2022
- Pre-Bid and Site Visit – 14 Oct 2022
- 100% design and Bid Documents completed

# 33-00235 Stinson ALP Update



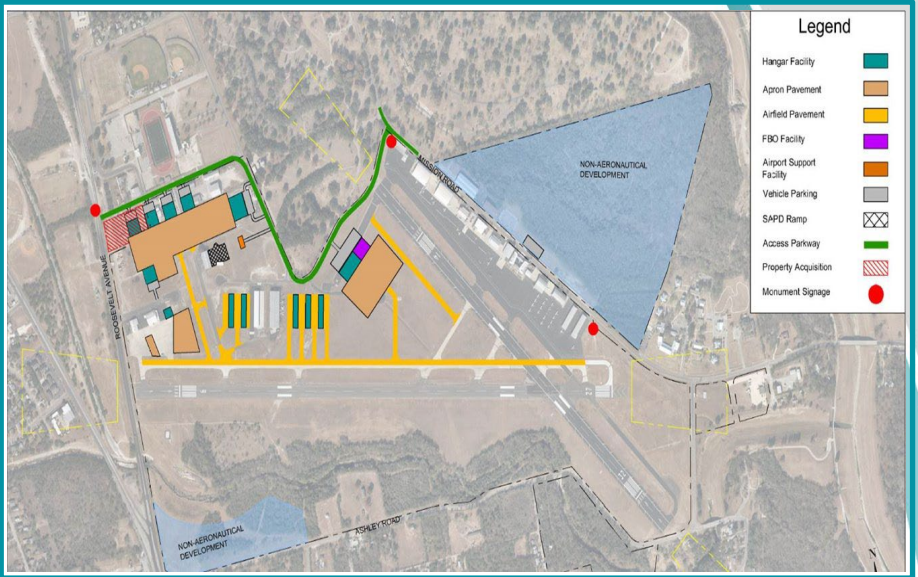
Consultant:	Garver
Contractor:	N/A
Status:	On-Track
Project Manager:	Ryan Hall / Mollie Klenzendorf (TXDOT)

Phase	Start	Completion
Planning	Apr 22	Apr 23

**Project Description:** New ALP update for SSF to include a storm water study (separate CIP project). Plan will be used to plan and program future capital development.

## Costs / Budget

Total Project Cost/Budget:	\$ 316,000
Funding Source:	TxDOT – 90% / COSA – 10 %



## Project Status

- Roosevelt Access Parkway CIP project will be monitored under ALP Update
- Briefing was held with Councilmember Viagran on 5 December; her office will assist with promotion of the Open House
- Instrument Approach Task Force being formed, anticipated to have 3- 4 meetings between December and March (working thru scheduling conflicts)
- Public Open House scheduled 18 Jan 2023



Consultant:	TxDOT
Contractor:	N/A
Phase:	Planning
Status:	Delayed
Start Date:	Re-started May 2022
Completion Date:	TBD
Project Manager:	TxDOT

**Project Description:** The RPZ safety project will include Environmental and Historical investigation to support land acquisition efforts, followed by land acquisition. This is a Texas Department of Transportation managed project.



## Project Status

- Morris will follow-up with PWD Properties Division on their next steps or what is required from SSF or TxDOT
- TxDOT wants NEPA/EDDA study limited to acquisition of property and relocation of residents. Awaiting a right of entry to do that.
- NEPA request only to install fencing the property and tree removal

## Costs / Budget

Total Project Cost/Budget:	\$ 1,500,000
Funding Source:	TxDOT & Stinson Revolving Fund



# 33-00275 Stinson Drainage Plan



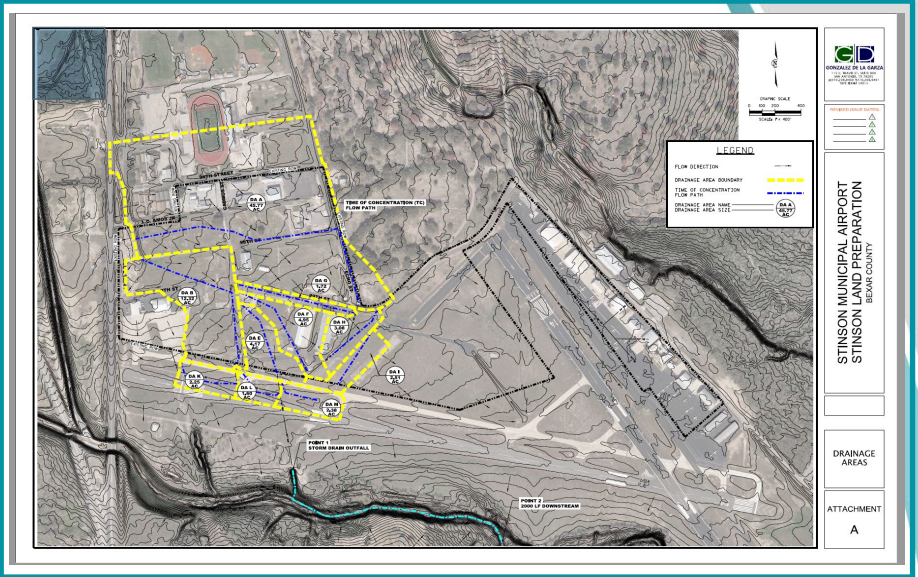
**Consultant:** RS&H  
**Contractor:** N/A  
**Status:** On-Track  
**Project Manager:** Ryan Hall

Phase	Start	Completion
Planning	May 22	Jun 23

**Project Description:** Project provides a Drainage Master Plan for Stinson Airport. Plan will be used as a planning and programming tool for future capital development. Project will be codependent on the Master Plan Study.

## Costs / Budget

Total Project Cost/Budget:	\$ 359,908
Funding Source:	CIF



## Project Status

- Additional scope and budget for the televising of outfall 1A has been approved
- Drainage Plan is dependent on the Preferred Alternative from the ALP update

# 33-00287 Stinson Airfield Generator Building Reconstruction



Consultant:	RS&H
Contractor:	TBD
Status:	On-Track
Project Manager:	Tim Austin

Phase	Start	Completion
Design	Sep 20	Sep 22
Procurement	Oct 22	Mar 23
Construction	Apr 23	Feb 24

**Project Description:** Construct a new airfield electrical vault adjacent to the existing vault to include utility/ service extension to new electrical generator building, roll up and personnel doors, and relocation of regulators, generator, control panels, and existing fence. No demolition of old vault.

## Costs / Budget

Total Project Cost/Budget:	\$ 2,219,839
Funding Source:	CIF



## Project Status

- 9 Dec 2022 – Submit Final Docs to Finance for review. Information For Bid to be sent to PM and P&A Contract Coordinator on December 1, 2022.
- 28 Nov 2022 – BODD reviewing SBEDA goals.
- 22 Sep 2022 – Submitted 163 and NEPA request to TxDOT – Reminder email sent November 2022.

# 33-00297 SSF 9/27 Sealant and Threshold Failure Repair



**Consultant:**  
**Contractor:**  
**Status:**  
**Project Manager:**

RS&H  
TBD  
On-Track  
Tim Austin


Phase	Start	Completion
Design	Mar 22	Dec 22
Procurement	Dec 22	May 23
Construction	Jun 23	Feb 24

**Project Description:** This project installs Seal Coat and Airfield Pavement Markings to Runway 9/27 and repair of threshold failure at Stinson Airport.

Costs / Budget

Total Project Cost/Budget:  
Funding Source:

\$ 1,662,556  
Stinson Revolving Fund  
(potential AIG)



Project Status

- 31 Jan 2023 – Submit Final docs to Finance
- 28 Dec 2022 – Submit DBE goals to Contracts (NAICS)
- Waiting on revised fee from RS&H. Scheduled to be released on December 16, 2022.
- 8 Dec 2022 – Scope reduction meeting with Consultant
- 2 Dec 2022 – Scope reduction/Contract documents review



# 33-00334 Stinson – Taxiway Delta



Consultant:	TBD
Contractor:	TBD
Status:	On-Hold
Project Manager:	Tim Austin / TxDOT

Phase	Start	Completion
Design	Dec 22	July 23
Procurement	Aug 23	Dec 23
Construction	Jan 24	Dec 24

**Project Description:** As identified during the master planning process, the centerline-to-centerline separation between Runway 09-27 and Taxiway D will be increased to 240 feet in order to bring Runway 09-27 in compliance with ARC B-II standards. This project will involve construction of new pavement, removal of existing pavement, and modification of the existing connector taxiways along Runway 09-27 to properly align with the relocated Taxiway D

## Costs / Budget

Total Project Cost/Budget:	\$ 5,506,000
Funding Source:	TxDOT – 90% / COSA – 10%



## Project Status

- Waiting on TxDOT procurement process to select a consultant. Not on TxDOT’s CIP. Not funding eligible.
- Suggested: Investigate graves to inform design
- NEPA needed at 30% design



# 33-03327 Stinson – Building Modification-FY23



**Consultant:** TBD  
**Contractor:** TBD  
**Status:** On-Track  
**Project Manager:** Morris Martin

Phase	Start	Completion
Procurement	Nov 22	Jan 23
Construction	Feb 23	Jun 23

**Project Description:** This project is led by the Texas Department of Transportation to administer the RAMP grant which provides for basic improvements to the Stinson Airport such as hangar enhancements, fencing, or other airside and landside needs.

## Costs / Budget

Total Project Cost/Budget:	\$ 100,000
Funding Source:	TxDOT & Stinson Revolving Fund



## Project Status

- Project consist of upgrading signage and airfield lighting
- 20 Oct 22 – Grant acceptance by City Council date



# Airfield – SAT



# 33-00094 Taxiway H Reconstruction – Project I



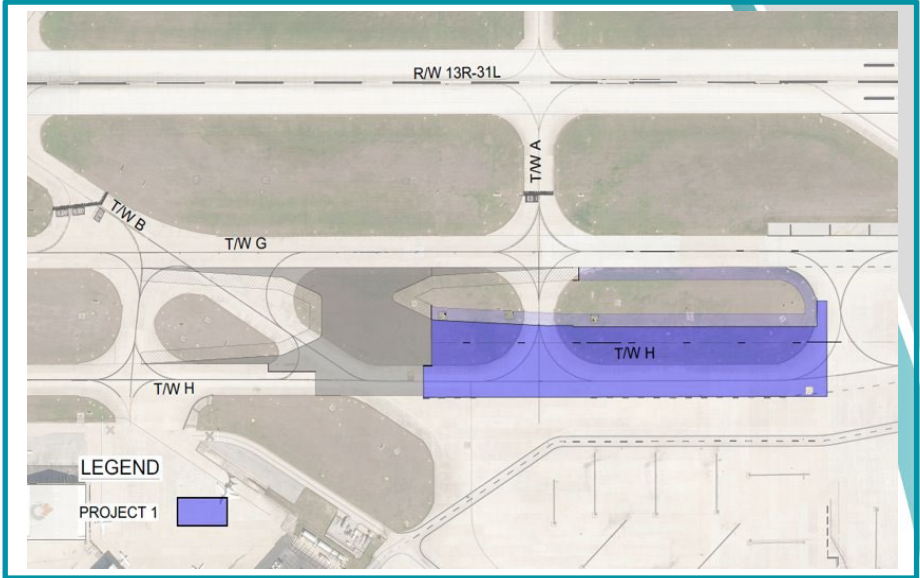
<b>Consultant:</b>	Atkins
<b>Contractor:</b>	Flatiron Constructors
<b>Status:</b>	On-Track
<b>Project Manager:</b>	Kyle Willman

Phase	Start	Completion
Design	Feb 21	Mar 22
Procurement	May 22	Sep 22
Construction	Jan 23	May 24

**Project Description:** Project consists of construction of a portion of apron taxiway, shoulders, and removal of Twy A, B, V between Twy G and H, installation of a new connecting Twy V that eliminates the direct access to the runway from the apron; and realignment of impacted FAA communications & NAVAID cabling.

## Costs / Budget

Total Project Cost/Budget:	\$ 16,643,000
Funding Source:	AIPG (Disc/Ent) & IF



## Project Status

- Project I**
- 3 Jan 2023 – Construction NTP to be issued
  - 15 Dec 2022 – Pre-construction meeting scheduled

# 33-00094 Taxiway H Reconstruction – Project II



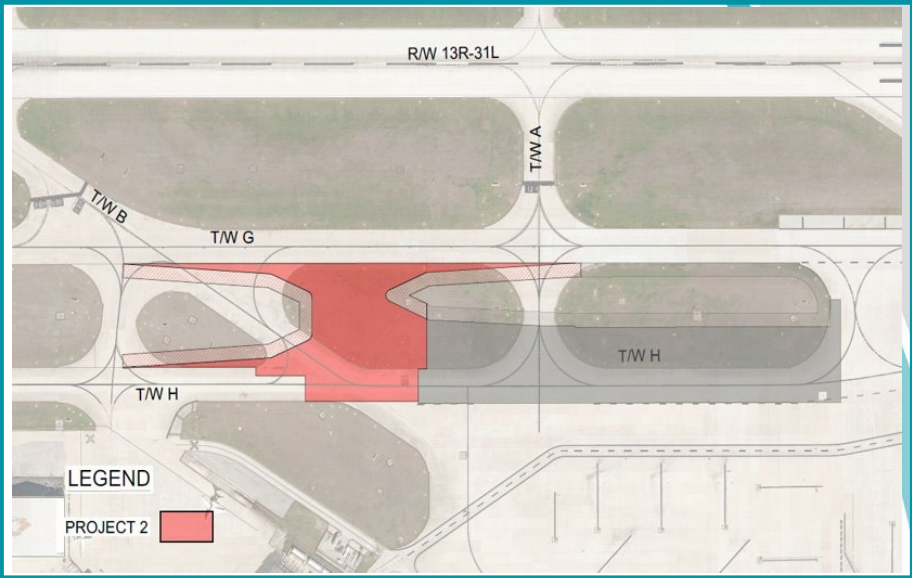
<b>Consultant:</b>	Atkins
<b>Contractor:</b>	TBD
<b>Status:</b>	On-Track
<b>Project Manager:</b>	Kyle Willman

Phase	Start	Completion
Design	Aug 22	Mar 23
Procurement	Apr 23	Oct 23
Construction	May 24	Dec 25

**Project Description:** Project consists of construction of a portion of apron taxiplane, shoulders, and removal of Twiss A, B, V between Twy G and H, installation of a new connecting Twy V that eliminates the direct access to the runway from the apron; and realignment of impacted FAA communications & NAVAID cabling.

## Costs / Budget

Total Project Cost/Budget:	\$ 9,439,000
Funding Source:	AIPG (Disc/Ent) & IF



## Project Status

- Project II**
- Anticipate Spring 2023 bid
  - 17 Nov 2022 – 100% design review meeting, additional comments provided
  - Jan 2023 – Finalized conformed set due



# 33-00316 Airfield Package 7: Reconstruct Taxiway R

## 33-00336 Mill and Overlay Rwy 13L/31R



<b>Consultant:</b>	Kimley-Horn & Associates, Inc.
<b>Contractor:</b>	Spawglass
<b>Status:</b>	On-Track
<b>Project Manager:</b>	Stephanie Kranich

Phase	Start	Completion
Construction	Apr 21	May 23

**Project Description:** 33-00316 – Remove the at-grade bridge and MSW below and construct a new Taxiway R on grade. It also demolishes the taxiway bypass not being repurposed as the new VSR. 33-00336 – Mill and overlay RWY 13L/31R.

### Costs / Budget

Total Project Cost/Budget:	\$ 23,319,200
Funding Source:	AIPG (Disc) & IF



### Project Status

- Dec 2022 – Night pavement pours scheduled

# 33-00099 Airport Lighting Control and Monitoring System



**Consultant:** Jacobs  
**Contractor:** TBD  
**Status:** On-Track  
**Project Manager:** Tim Austin

Phase	Start	Completion
Design	Apr 22	Jan 23
Procurement	Jan 23	July 23
Construction	July 23	Mar 24

**Project Description:** This project will purchase and install a new lighting control and monitoring system to replace the current system; current system is reaching end of life. Project also includes west vault structural upgrades to allow installation of air conditioning, and insulation.

## Costs / Budget

Total Project Cost/Budget: \$ 2,447,312  
Funding Source: IF (possible AIG)



## Project Status

- 2 Nov 2022 – 60% Design review Mtg
- 21 Dec 2022 – 95% Design plans due
- 28 Dec 2022 – Cost Estimates due
- NEPA CATEX obtained
- Package Bid with Runway 4-22 CL Lighting Circuit Replacement

# 33-00292 Emergency Response Road Reconstruction

## –Pkg 4



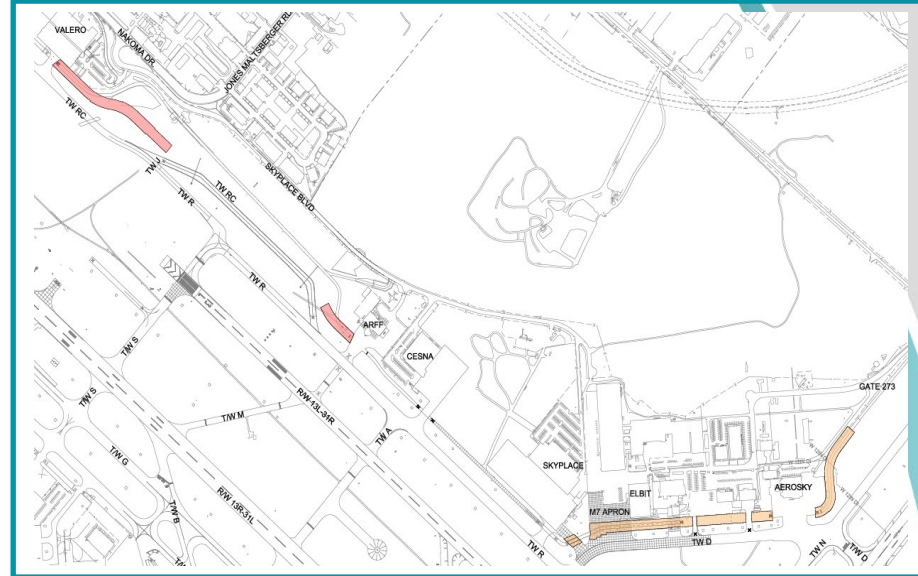
**Consultant:** Atkins  
**Contractor:** Flatiron Constructors Inc.  
**Status:** On-Track  
**Project Manager:** Stephanie Kranich

Phase	Start	Completion
Design	Oct 19	Apr 22
Procurement	Jun 22	Nov 22
Construction	Jan 23	Feb 24

**Project Description:** Design and construction of critical areas of perimeter road and apron. Construct new standard 25' wide concrete perimeter road. Perimeter road and apron improvements from M7 apron to the AOA access gate 273. Includes 43,990 sq. ft. of road, located on the north side of the airfield between the Valero hangar and the ARFF station. A approx. total of 82,555 sq. ft. of new airfield perimeter road pavement.

### Costs / Budget

Total Project Cost/Budget: \$ 9,639,399  
 Funding Source: AIG & IF



### Project Status

- 17 Jan 2023 – Construction NTP to be issued
- 12 Jan 2023 – Pre-Construction meeting scheduled
- Road redesign required to meet FAA TOFA for next year's Twy N reconstruction project near Aerosky



# 33-00317 Airfield Pavement Maintenance Management Plan (PMMP) Update



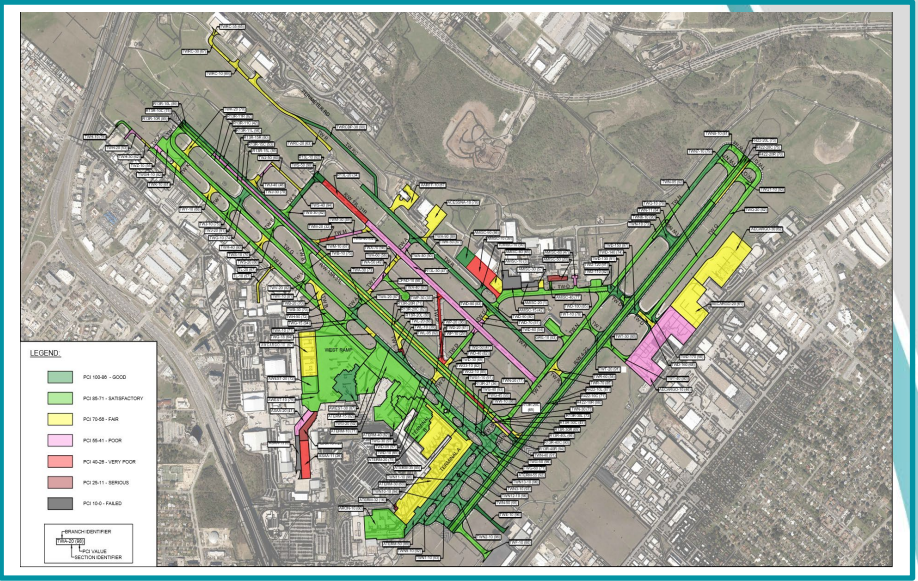
Consultant:	Atkins
Contractor:	N/A
Status:	On-Track
Project Manager:	Tim Austin

Phase	Start	Completion
Planning	Mar 22	Nov 22

**Project Description:** This project provides an update to the Pavement Maintenance Management Plan for the airfield that includes runways, taxiways, and aprons. This is an FAA grant requirement to evaluate airfield pavement condition every 3 years. This plan will be used as a planning and programming tool for future capital development.

## Costs / Budget

Total Project Cost/Budget:	\$ 501,068
Funding Source:	AIG & CIF



## Project Status

- Executed FAA AIG Grant 108-22 in the 75% share amount of \$375,801



# 33-00339 West Apron Taxilane Reconstruction



<b>Consultant:</b>	Atkins
<b>Contractor:</b>	Spawglass
<b>Status:</b>	On-Track
<b>Project Manager:</b>	Stephanie Kranich

Phase	Start	Completion
Design	Mar 22	Jun 22
Procurement	Jun 22	Oct 22
Construction	Nov 22	Feb 23

**Project Description:** The project includes the reconstruction of a portion of West Apron Taxilane identified by Airport staff near ST Engineering of the San Antonio International Airport (SAIA). New pavement (approximately 33,500 sf) will consist of new concrete cement pavement on the West Ramp between Hangar 4 and VT-SAA.

## Costs / Budget

Total Project Cost/Budget:	\$ 3,622,244
Funding Source:	AIG & IF



## Project Status

- Dec 2022 – Subgrade installation/pavement pours scheduled
- Nov 2022 – Pavement demolition/excavation



Consultant:	Jacobs and JADC
Contractor:	TBD
Status:	Delayed
Project Manager:	Kyle Willman

Phase	Start	Completion
Design	Jan 23	Apr 23
Procurement	May 23	Aug 23
Construction	Sep 23	Feb 24

**Project Description:** This project will include relocation of the existing Remote Transmitter Receiver (RTR-F) facility and equipment to accommodate future development opportunities on the northside of the Airport.

Costs / Budget

Total Project Cost/Budget:	\$ 507,000
Funding Source:	IF



Project Status

- Task Order initiated to validate and formalize PDD, updating project budget and schedule
- 6 Dec 2022 Delineation of Responsibilities meeting with FAA for use in FAA Design Reimbursable Agreement (RA)
- 30 Nov 2022 Final FAA RA for Comm Equipment received and legal verified it has incorporated our comments
- RAs not reflected in FY23 spend plan

# 33-00342 Reconstruct & Decouple Rwy 13R/31L: Extension of Rwy 13R – Reimbursable Agreement



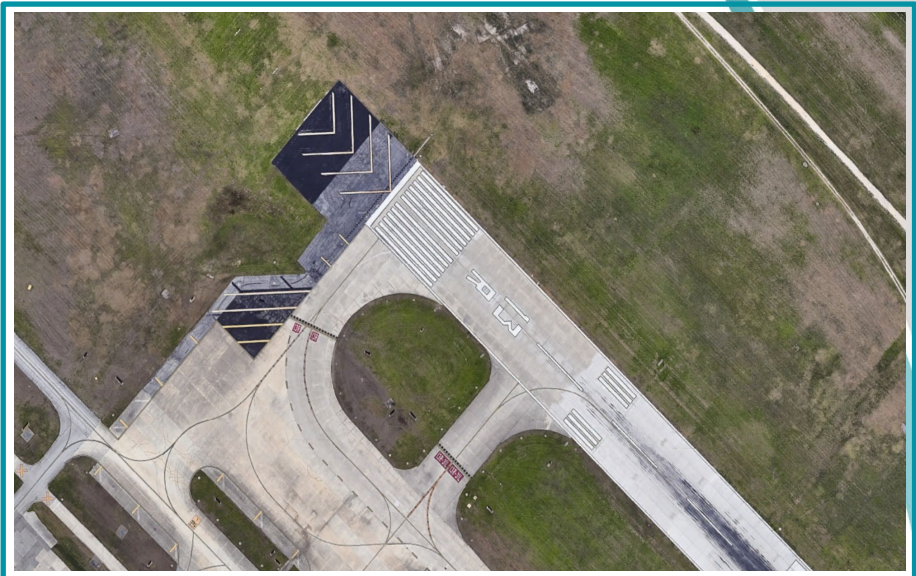
Consultant:	N/A
Contractor:	FAA
Status:	Not Begun
Project Manager:	Candyce Selby

Phase	Start	Completion
Procurement	TBD	TBD
Execution	TBD	TBD

**Project Description:** This project includes the reimbursable agreement required to initiate FAA involvement with the Runway 13R extension project to increase airfield safety.

## Costs / Budget

Total Project Cost/Budget:	\$ 6,751,995
Funding Source:	Applying for AIG & IF



## Project Status

- Results from EA (NEPA) will determine RA scope
- FY23 spend plan dependent on agreement execution schedule



# 33-03302 Reconstruct Taxiway N North of Taxiway D



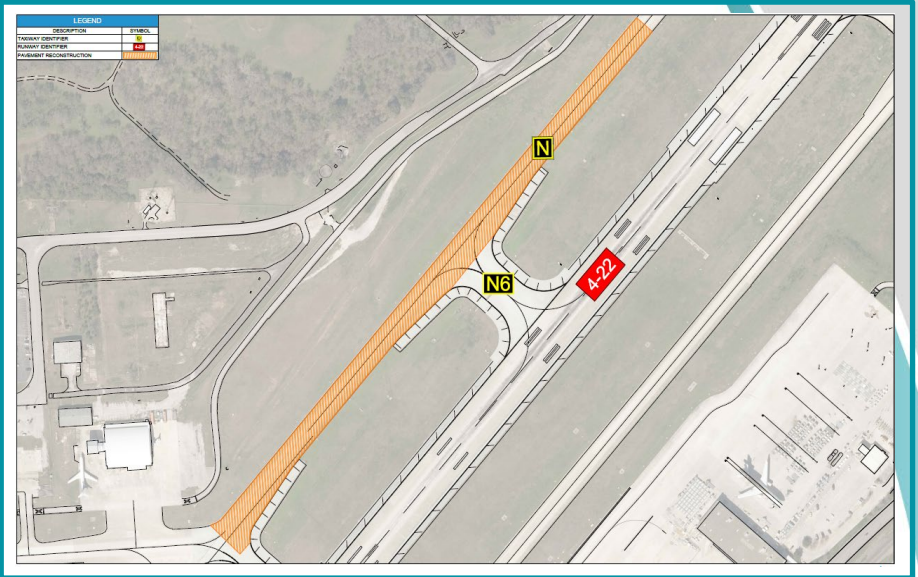
<b>Consultant:</b>	Atkins
<b>Contractor:</b>	TBD
<b>Status:</b>	On-Track
<b>Project Manager:</b>	Stephanie Kranich

Phase	Start	Completion
Design	Dec 21	May 22
Procurement	May 23	Oct 23
Construction	Mar 24	Nov 24

**Project Description:** This project reconstructs a portion of Taxiway N from the intersection of Taxiway D to north of Taxiway N6. Project includes drainage, electrical, signage, and markings.

## Costs / Budget

Total Project Cost/Budget:	\$ 7,750,000
Funding Source:	AIPG (Disc) & CIF



## Project Status

- 100% design is completed and ready for bid
- Project will be advertised for bid in FY23
- Impacts to Runway 4/22 operations during construction



# 33-03303 RW 13R/31L Keel Reconstruction & Outboard Rehab – Pkg 1



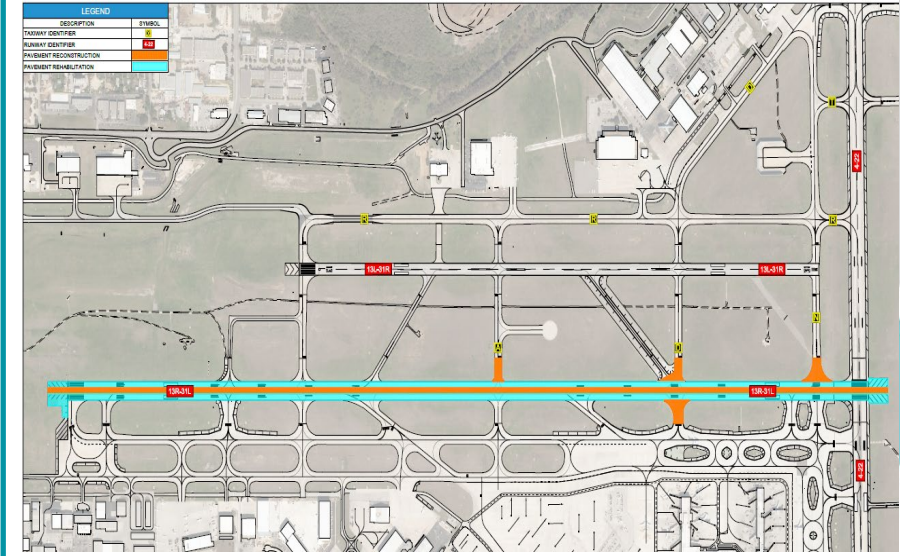
**Consultant:** Kimley-Horn & Associates, Inc.  
**Contractor:** TBD  
**Status:** On-Track  
**Project Manager:** Stephanie Kranich

Phase	Start	Completion
Design	Aug 22	Mar 24
Procurement	Mar 24	Oct 24
Construction	TBD	TBD

**Project Description:** This project completes the reconstruction of center panels of Runway 13R/31L with select reconstruction and rehabilitation of outboard panels and cross taxiway pavement within the Runway Safety Area. This includes the restriping of the runway.

## Costs / Budget

Total Project Cost/Budget: \$ 5,381,000  
 Funding Source: AIPG (Disc)



## Project Status

- Dec 2022 – Runway 13R closure scheduled to complete coring and survey investigation
- Design investigations started prior to the AEDS Environmental Assessment (EA)

# 33-03305 Reconstruct & Decouple Runway 13R/31L: Extension of Rwy 13R - Environmental



<b>Consultant:</b>	Kimley-Horn & Associates, Inc.
<b>Contractor:</b>	TBD
<b>Status:</b>	On-Track
<b>Project Manager:</b>	Candyce Selby / Kyle Willman

Phase	Start	Completion
Planning	Aug 22	Sep 23
Design	Oct 23	Mar 25
Construction	Oct 25	Apr 28

**Project Description:** Phase 1 concept will extend Runway 13R toward US 281 approx. 1,245 feet. Extend parallel Taxiways G & H, adjust/replace approach lighting system and lighting bridge. Includes fill, grading, drainage, shoulders, lighting and markings. Phase 2 will decouple Runway 13R/31L from Runway 4/22, removing 50 feet of pavement, paint remaining 491-foot shift, and address approach lighting system.

## Costs / Budget

Total Project Cost/Budget:	\$ 54,183,000
Funding Source:	AIP & IF



## Project Status

- 2 Sep 2022 – Executed Grant for EA
- 7 Dec 2022 – SAT ADO Brief held. Additional planning scope requested for re-evaluation of runway elevation in SDP.
- Additional efforts to support NEPA EA purpose and need: runway length determination, evaluation of construction impacts to JBSA, and aircraft fleet analysis

# 33-03307 Rwy 4/22 Centerline Lighting Circuit Replacement



Consultant:	Jacobs
Contractor:	TBD
Status:	On-Track
Project Manager:	Tim Austin

Phase	Start	Completion
Design	Dec 22	July 23
Procurement	Aug 23	Dec 23
Construction	Dec 23	Apr 24

**Project Description:** This project consists of the removal and replacement of two 31-year-old Runway Centerline Circuits and Transformers from the East Electrical vault home runs and safety area of Runway 4-22. These systems have exceeded their life span and are the oldest Airfield Lighting circuits we have in service on our Air Carrier Runways.

## Costs / Budget

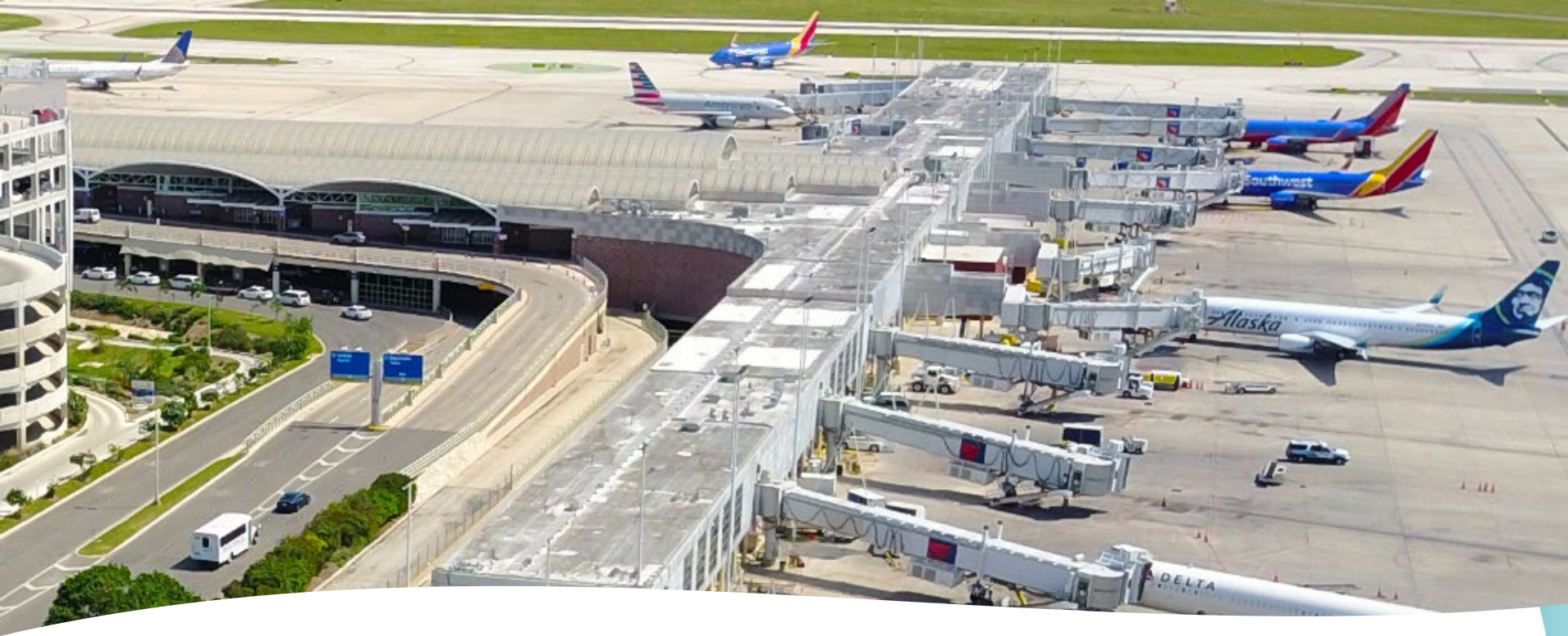
Total Project Cost/Budget:	\$ 506,049
Funding Source:	AIG & IF



## Project Status

- 9 Dec 2022 – IFE to be issued
- 14 Nov 2022 – Proposal submitted
- Package Bid with ALCMS Replacement





# Terminal Development Program





# 33-00343 Terminal Development Program

## Environmental



Consultant:	RS&H
Contractor:	N/A
Status:	Planning / Programming
Project Manager:	Steve Southers

Phase	Start	Completion
EA	FY23	FY24

**Project Description:** This project includes federal National Environmental Policy Act (NEPA) documentation required for the Terminal C program.

### Costs / Budget

Total Project Cost/Budget:	\$ 1,858,000
Funding Source:	IF



### Project Status

- Getting IFE for a pre-design NEPA
- Discussed with Dave Full at RS&H. NEPA can start at or around 30% design of terminal. Need a basic design to start NEPA.

# 33-00345 Program Management / Construction Management



**Consultant:** Freese & Nichols  
**Contractor:** N/A  
**Term:** Life of TDP  
**Status:** On-Track  
**Project Manager:** EPM

**Project Description:** This project includes extension of staff for additional Project Management support to deliver projects under the Terminal C program.



## Project Status

- Post-solicitation brief presented to City Council B session Nov 2, 2022
- City Council award Dec 15, 2022

## Costs / Budget

**Total Project Cost/Budget:** \$ 42,276,000  
**Funding Source:** IF

# 33-00346 Master Architect



**Consultant:** TBD  
**Contractor:** N/A  
**Term:** Life of TDP  
**Status:** On-Track  
**Project Manager:** EPM

**Project Description:** This project includes the program design oversight of a Master Architect to coordinate elements of the projects under the Terminal C program.



## Project Status

- Interviews Dec 2, 2022
- Negotiations to start once selected firm is notified
- City Council B Session Feb 15, 2022

## Costs / Budget

**Total Project Cost/Budget:** \$ 39,788,000  
**Funding Source:** IF



# 33-00347 Relocate Employee Parking



<b>Consultant:</b>	Garver
<b>Contractor:</b>	TBD
<b>Status:</b>	Not Begun
<b>Project Manager:</b>	Roland Ibarra / Ryan Hall

Phase	Start	Completion
Design	Jan 23	TBD
Procurement	TBD	TBD
Construction	TBD	TBD

**Project Description:** This project includes the design of the relocation employee parking areas to accommodate Terminal C.

## Costs / Budget

Total Project Cost/Budget:	\$733,000
Funding Source:	IF



## Project Status

- The Corgan team (thru Advanced Terminal Planning) has developed a draft PDD that has been reviewed, Corgan is now refining
- Garver engaged with Project Formulation during PDD finalization
- Once revisions are complete it will be sent over for cost estimating



# 33-00348 RON Aircraft Parking



**Consultant:** Atkins  
**Contractor:** TBD  
**Status:** Not Begun  
**Project Manager:** Stephanie Kranich/Ryan Hall

Phase	Start	Completion
Design	Jan 23	TBD
Procurement	TBD	TBD
Construction	TBD	TBD

**Project Description:** This project includes the design of new RON parking positions that will be removed once construction begins on Terminal C.



## Project Status

- The Corgan team has delivered a draft PDD and it has been reviewed.
- Atkins engaged with Project Formulation during PDD finalization
- Once the revisions are complete the PDD will be sent for cost estimating

## Costs / Budget

Total Project Cost/Budget: \$ 1,107,000  
Funding Source: IF

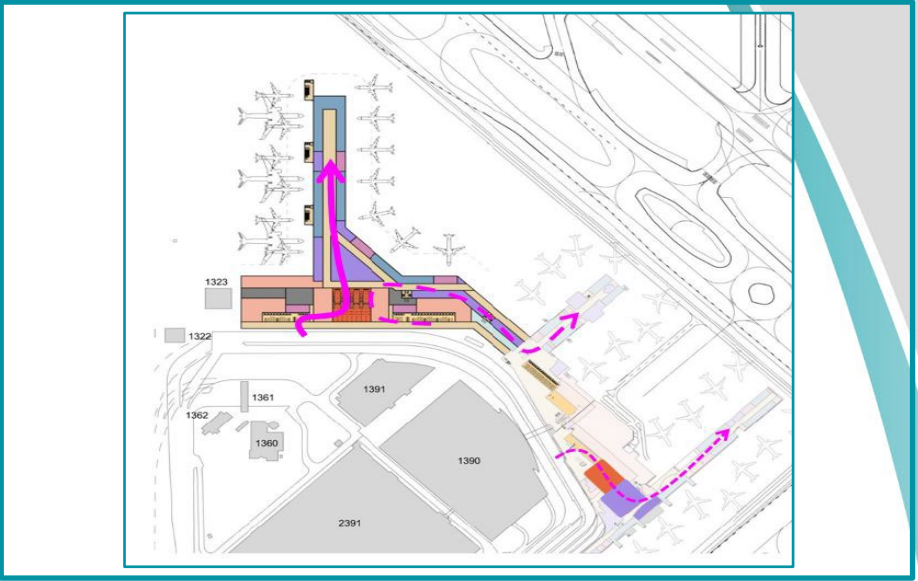
# 33-03336 Advanced Terminal Planning



<b>Consultant:</b>	Corgan
<b>Contractor:</b>	N/A
<b>Phase:</b>	Planning
<b>Status:</b>	On-Track
<b>Start Date:</b>	Jul 2022
<b>Completion Date:</b>	Mar 2023
<b>Project Manager:</b>	Ryan Hall

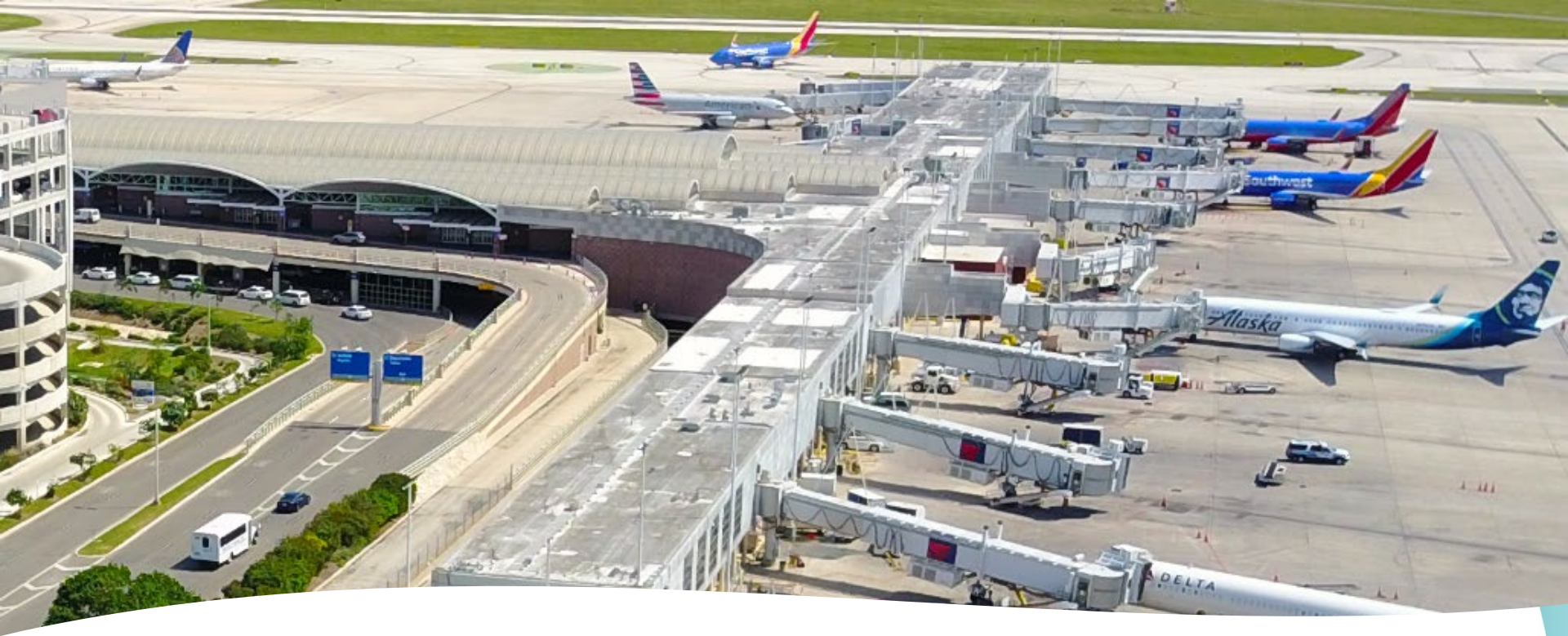
**Project Description:** This project provides advanced planning on the Terminal C program and enabling projects.

Costs / Budget	
Total Project Cost/Budget:	\$ 3,827,000
Funding Source:	IF



## Project Status

- Program Definition Manual expected to be completed in February 2023
- Public Safety Building workshop was held on 8 December; next Concessions workshop is 20 December
- Draft PDD's for some enabling projects have been delivered and are being revised
- Next major workshop is January 10, 2023
- Council B Session video is under development
- City Council B Session briefing February 15, 2023



# Terminal





# 33-00253 Terminal A Electrical System Expansion



**Consultant:**  
**Contractor:**  
**Status:**  
**Project Manager:**

RS&H  
TBD  
Delayed  
Jose Bermudez /  
Art Otto (Jacobs)

Phase	Start	Completion
Design	Feb 22	Jun 22
Procurement	Jul 22	Mar 23
Construction	April 23	Jun 24

**Project Description:** Installation of new 4,000 amp Switch Boards with Breakers, to allow room to expand for future projects. Two new aviation ground power generators (400Hz) to increase lifecycle of power to loading bridges and aircraft. Commissary and dock expansion.

**Costs / Budget**

Total Project Cost/Budget:	\$ 6,979,000
Funding Source:	AIG & IF

### SAT Electrical Upgrades - Current vs Final Configuration

\*Shutdowns presented are starting point for conversations with SAT and successful contractor and are based on sequencing proposed in Electrical System Expansion drawings.

**Project Status**

- Final bid documents update NLT 28 Jan
- Pending new third-party estimate/takeoff- NLT 14 Jan
- BODD deeming both vendors nonresponsive for this solicitation, re-bidding project
- NEPA CatEx obtained because Federal Grant funded

# 33-00295 Terminal B Gate Expansion



**Consultant:** RS&H  
**Contractor:** Archer Western  
**Phase:** Construction  
**Status:** On-Track  
**Start Date:** Feb 2021  
**Completion Date:** Jan 2023  
**Project Manager:** Dan Tompkins / Candyce Selby

**Project Description:** Addition of 2 new airline gates (B9 and B1A), passenger boarding bridges (PBB) and hold room modifications. Addition of one passenger screening lane at the security screening checkpoint (SSCP), MEP/IT, security, and infrastructure alterations to existing electrical to support planned Terminal power requirements.

## Costs / Budget

**Total Project Cost/Budget:** \$ 18,664,000  
**Funding Source:** IF



## Project Status

- 9 Dec 22 – Gate B9 Opened (AA Relocated from Gate A17)
- 1 Dec 22 to 12 Dec 22 - Fixed Walkway Installation; 13 Dec 22 to 5 Jan 23 - Gate B1A PBB installation and commissioning, 9 Jan 23 – Gate B1A Operational Trials
- TB Elec. Exp. – Electrical Outage Planning Underway
- Airline Move Management and ORAT Coordination On-Going

# 33-00296 Terminal A Gate Expansion (Gate A16)



**Consultant:**  
**Contractor:**  
**Phase:**  
**Status:**  
**Start Date:**  
**Completion Date:**  
**Project Manager:**

RS&H  
Archer Western  
Construction  
On-Track  
May 2021  
Jan 2023  
Dan Tompkins / Candyce Selby

**Project Description:** The project constructs a new airline Gate A16 and passenger boarding bridge in Terminal A, including adjustment to adjacent aircraft parking positions, relocation of the GSE service road and associated terminal hold room modifications to activate Gate A16.

## Costs / Budget

Total Project Cost/Budget:	\$ 7,627,423
Funding Source:	IF



## Project Status

- AA relocated from A17 to B9 on 9 Dec 22; Gate A17 (common use gate) Operational Trials - 14 Dec 22
- Revised Design for Gates A14 and New Gate A16 Issued 18 Nov 22; Pending WN Approval (Expected Approval 12 Dec 22)
- Gate A16 PBB installation and commissioning on-going; Opening Date 22 Dec 22; 19 Dec 22 – Operational Trials
- Airline Move Management and ORAT Coordination On-Going



# 33-00328 TA Phase III – TA Roof



**Consultant:** Jacobs  
**Contractor:** TBD  
**Status:** Delayed  
**Project Manager:** Jose Bermudez

Phase	Start	Completion
Design	May 22	Aug 22
Procurement	Sep 22	Apr 23
Construction	May 23	Dec 23

**Project Description:** Project entails recovering existing flat roof on the concourse at Terminal A of the San Antonio International Airport (SAT).



## Project Status

- Pending budget (15%) increase approval; \$523,139
- Bid documents completed
- Design pending DSD review and permit application
- TDRL, accessibility permit application completed

## Costs / Budget

**Total Project Cost/Budget:** \$ 2,961,000  
**Funding Source:** AIG & IF

# 33-03312 Baggage Handling System Expansion



**Consultant:** Jacobs  
**Contractor:** TBD  
**Status:** Planning  
**Project Manager:** Jose Bermudez / Javier Castro

Phase	Start	Completion
Design	Jul 21	Aug 22
Procurement	Sep 22	Mar 23
Construction	May 23	Nov 25

**Project Description:** This project addresses improvements to existing BHS and new CBIS with 3 security screening lanes, mechanical support space, equipment (conveyors) electrical motor apparatus, distribution systems, and other critical devices and systems.

## Costs / Budget

**Total Project Cost/Budget:** \$ 34,801,681  
**Funding Source:** IF



## Project Status

- Project will proceed in two phases; lower controls and system capacity increase.
- Pending request for proposal design to design capacity increase and bid documents.
- Reviewing draft financial agreement for Lower Controls.
- Executive briefing on temporary lobby screening solution held 3 Oct 22 – 9:30am TA CFR

# 33-00340 Terminal A Ground Loading Facility



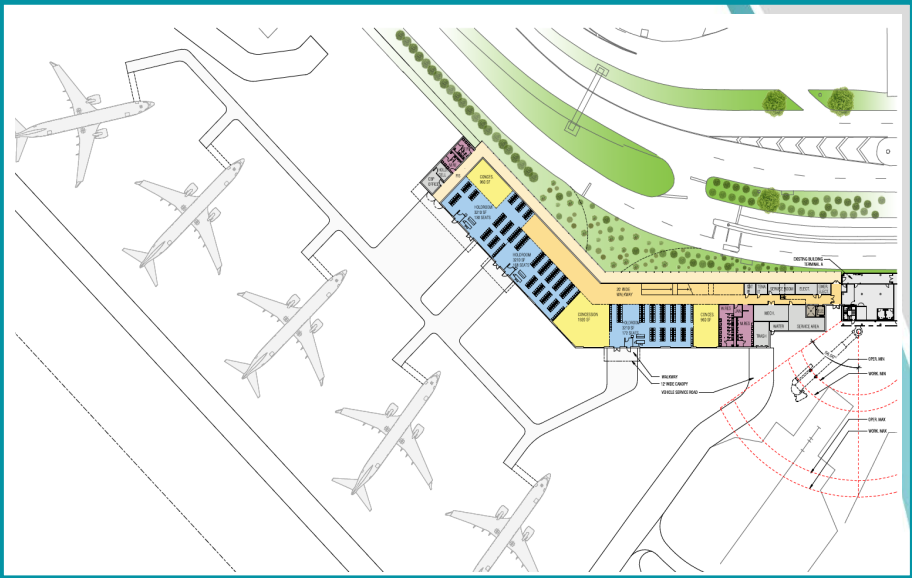
<b>Consultant:</b>	Atkins
<b>Contractor:</b>	TBD
<b>Status:</b>	On-Track
<b>Project Manager:</b>	Javier Castro / Roland Ibarra

Phase	Start	Completion
Design	Sep 22	Dec 22
Procurement	Dec 22	May 23
Design-Build	May 23	Feb 25

**Project Description:** Project includes 1-2 story addition off the south end of TA and have hold room space, concessions, and restrooms. There will be 3 ground-loaded gates with expansion capability to 5 gates; for a net gain of 2 gates or 4 gates with expansion. The project includes apron work, striping, and with gate capacity in support of Terminal C

## Costs / Budget

Total Project Cost/Budget:	\$ 25,000,000
Funding Source:	Applying for ATP



## Project Status

- Executive briefing held on 18 Nov 2022 with executive staff. Project to progress with revisions.
- 30% Bridging documents delivery (Dec 2 & 12)
- Solicitation to Design Build Firms on (Dec 15)



# 33-03322 Relocation Of Vehicle Gate 20



<b>Consultant:</b>	Atkins
<b>Contractor:</b>	TBD
<b>Status:</b>	On-Track
<b>Project Manager:</b>	Javier Castro / Tim Austin

Phase	Start	Completion
Design	Nov 22	Mar 23
Procurement	Dec 22	May 23
Design Build	Jun 23	Dec 23

**Project Description:** The project consists of the demolition of existing Gate 20 and construction of a new access-controlled gate on the south side of the airfield. This project will change the existing Air Operations Area (AOA) fence line.

## Costs / Budget

Total Project Cost/Budget:	\$ 1,651,000
Funding Source:	Applying for ATP



## Project Status

- Kickoff, airfield surveying, geotech cores on week of 12/06
- Stakeholder requirements meeting 11/28
- 30% Bridging documents delivery (Dec 2 &12)
- Solicitation to Design Build Firms on (Dec 15)
- Environmental is adding this project to Ground Load NEPA

# 33-00296 Terminal A Fire Hydrant Relocation



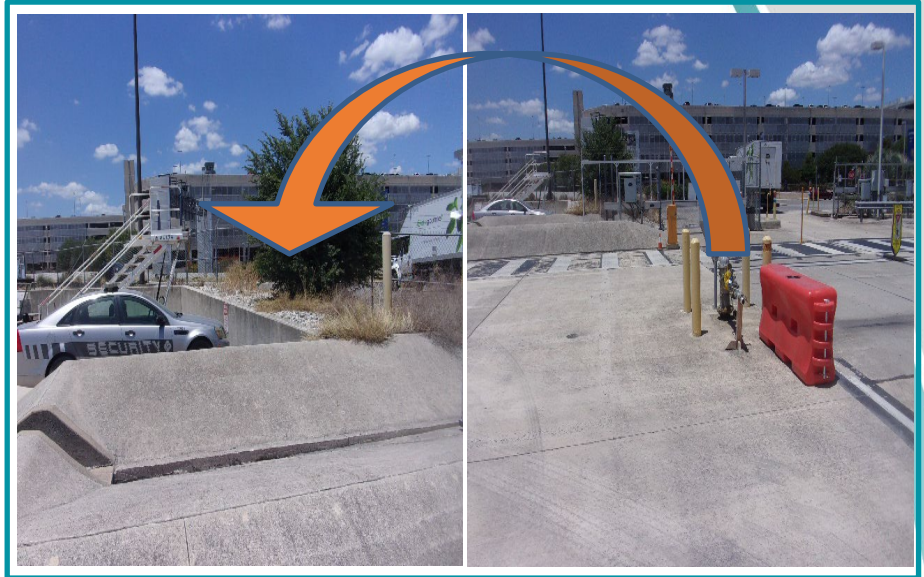
<b>Consultant:</b>	Jacobs
<b>Contractor:</b>	JOC / Alpha
<b>Status:</b>	On-Hold
<b>Project Manager:</b>	Tim Austin

Phase	Start	Completion
Design	Apr 22	May 22
Procurement	May 22	Jun 22
Construction	TBD	TBD

**Project Description:** Relocating the existing hydrant to accommodate larger aircraft anticipated to utilize Terminal A Gate A1. The new location will be inside the AOA. The design will include stairs and/or pedestrian ramp to proposed location from existing apron.

## Costs / Budget

Total Project Cost/Budget:	\$ 5,000,000
Funding Source:	IF



## Project Status

- Terminal A Ground Loading Facility has discrepancy with this project
- Sep 2022 – Consultant working on CA services agreement
- Nov 2022 – Hydrant scope of work to be carried out within Ground Loading Facility.



# Other





# 33-00032 Master Plan Update, SAT (Strategic Development Plan)



**Consultant:** WSP  
**Contractor:** N/A  
**Status:** On-Track  
**Project Manager:** Ryan N. Hall / Susan St. Cyr

Phase	Start	Completion
Planning	Mar 18	Nov 22

**Project Description:** This project updates the Master Plan for San Antonio International Airport. This update will be used as a planning and programming tool for future capital development. The project includes corresponding updates to the Part 150 NCP & Drainage Master Plan.

## Costs / Budget

**Total Project Cost/Budget:** \$ 9,078,298  
**Funding Source:** AIP & CIF



## Project Status

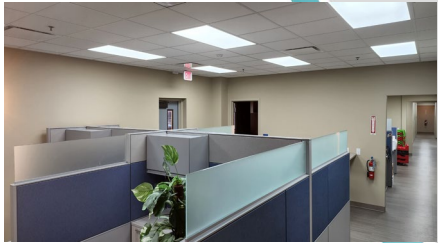
- ALP Set – FAA ok to proceed with approval actions separate from Exhibit A
- Exhibit A Property Map (SOP 3.0) – internal research near complete and will proceed on its own schedule
- Last WSP invoice processed in FY22
- Two remaining FAA grants in active close out

# 33-00074 Maintenance Office Renovation



**Consultant:** Debra Dockery Architects  
**Contractor:** Henock, Construction LLC  
**Phase:** Construction  
**Status:** Delayed  
**Start Date:** Jan 2019  
**Completion Date:** Jan 2023  
**Project Manager:** Dan Delgado

**Project Description:** Provides additional office space for maintenance staff and renovates restroom to meet ADA regulations in the maintenance building.



## Project Status

- Trailer decommission process began 24 Oct 2022. Trailer to be removed in December.
- AV equipment delayed till January 2023

## Costs / Budget

**Total Project Cost/Budget:** \$ 3,277,000  
**Funding Source:** CIF

# 33-00075 Rehabilitation West Cargo Facilities

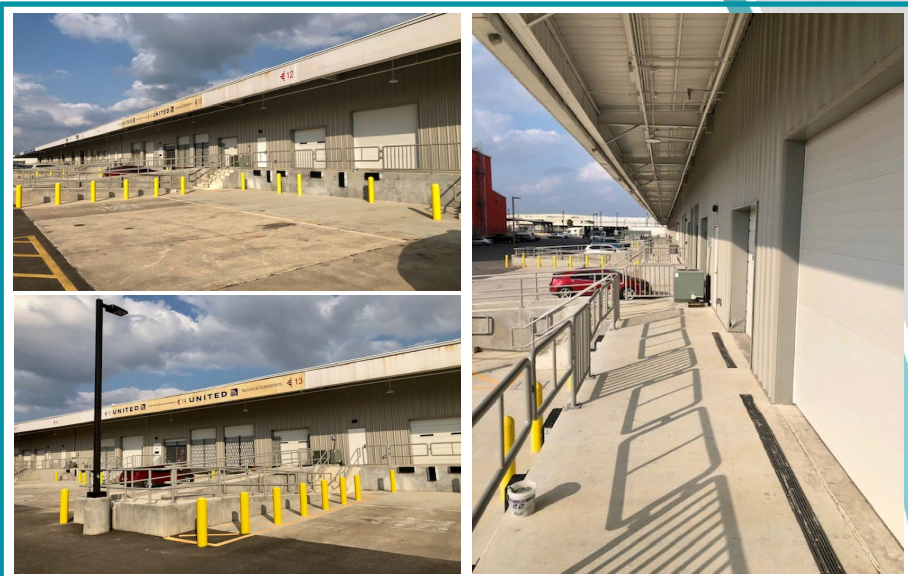


Consultant:	Bain Medina Bain
Contractor:	D. Wilson Construction
Phase:	Close-Out
Status:	Delayed
Start Date:	Mar 2021
Completion Date:	Jan 2023
Project Manager:	Roland Ibarra

**Project Description:** The project scope includes a new roof of the building, new exterior metal siding of building including soffits and fascia, security camera and cabling upgrades, new overhead and pedestrian doors, plumbing improvements (water and sewer), electrical installation, ADA access ramps to landside loading docks, and new interior CMU walls between tenant areas.

## Costs / Budget

Total Project Cost/Budget:	\$ 6,074,795
Funding Source:	IF



## Project Status

- Electrical Claim Delay negotiated. Change order in process needs council approval.
- Contractor working on Final Punch list items.
- Pay App 15 reviewed on-site by EoR, contractor, and PM.





Consultant:	Jacobs
Contractor:	N/A
Status:	On-Track
Project Manager:	Javier Castro

Phase	Start	Completion
Planning	Jul 19	Feb 23

**Project Description:** This project provides funding for a Design Standards Manual for the San Antonio Airport System. The goal is to establish a cohesive design standard to create consistency and efficiency between projects. The goal for developing and adopting a DSCM is to define uniform design and construction standards, code requirements, sustainability, details, products, and practices.

## Costs / Budget

Total Project Cost/Budget:	\$ 1,004,919
Funding Source:	CIF

# 33-03319 Demo and Relocate ATCT and TRACON



**Consultant:** Jacobs  
**Contractor:** N/A  
**Status:** On-Track  
**Project Manager:** Susan St Cyr

Phase	Start	Completion
Site Evaluation	Aug 22	Sep 23

**Project Description:** This project starts a site confirmation planning study and environmental coordination to relocate the FAA Air Traffic Control Tower (ATCT) and Terminal Radar Approach Control (TRACON) Facility.

## Costs / Budget

**Total Project Cost/Budget:** \$ 319,000  
**Funding Source:** CIF



## Project Status

- 7 Nov 22 – Workshop held with FAA to review shadow study of existing ATCT site and SDP Preferred Site #1 for existing conditions & future development (w/ SDP Terminal C placeholder). SDP Site #1 not viable.
- Key Actions from Nov 7 Workshop: Jacobs to analyze SDP Site #2 (Mx Yard) with future workshop TBD. FAA Requirements Division initiating a Quick Look Study of existing site. Schedule internal staff updates. Ongoing coordination w/ Corgan Team required to keep projects in sync.
- Request for FAA Reimbursable Agreement (RA) for FAA AFTIL Site Selection Study pending further coordination with the FAA.

# 33-03335 CIP Program Management Services



**Consultant:** RS&H, RFQ/TBD  
**Contractor:** N/A  
**Status:** On-Track  
**Project Manager:** Debbie Drew

Phase	Start	Completion
Planning	Oct 21	FY27

**Project Description:** This project enables expertise in management, oversight and implementation of Airport projects ranging from capital planning through occupancy

## Costs / Budget

**Total Project Cost/Budget:** \$ 3,750,000  
**Funding Source:** CIF



## Project Status

- RFQ release date Dec 2022
- RS&H PMO/project controls Task order utilizing FY23 funds





# Transit and Roadway



# 33-03321 Skyplace Road Reconstruction



**Consultant:** Jacobs  
**Contractor:** TBD  
**Status:** On-Track  
**Project Manager:** Tim Austin

Phase	Start	Completion
Design	Dec 22	Sep 23
Procurement	Oct 23	Jan 24
Construction	Feb 24	Apr 25

**Project Description:** This Project consists of the reconstruction of Skyplace Blvd, from Nakoma Rd. to the tie in of the most recent reconstruction of Skyplace behind M7 aerospace hangar.

## Costs / Budget

Total Project Cost/Budget: \$ 6,896,000  
Funding Source: AIG & CIF



## Project Status

- 13 Dec 2022 – Consultant to submit final proposal
- 10 Nov 2022 – received draft Scope of Work
- 29 Nov 2022 – sent revised proposal to Consultant for cost
- 2 Dec 2022 – receive cost from Consultant, – IFE Task Order to be issued





# Parking





# 33-03324 ConRAC Upgrades



**Consultant:**  
**Contractor:**  
**Status:**  
**Project Manager:**

RS&H  
TBD  
On-Track  
Roland Ibarra

Phase	Start	Completion
Design	Dec 22	Feb 23
Procurement	Mar 23	Jun 23
Construction	Jul 23	Dec 23

**Project Description:**This project resolves numerous structural and systems issues that need to be addressed to preserve customer service and safety for both passengers and stakeholders in the Consolidated Rental Car Facility.

Costs / Budget	
Total Project Cost/Budget:	\$ 2,494,000
Funding Source:	CFC



QTA West  
Wall  
Trash  
Compactor

Project Status

- NTP executed on 05 Dec 2022.
- 90% drawings due 02 Feb 2022.



# Non-Capital O&M



# Passenger Flow Management System Enhancement (Terminal A)



**Consultant:** N/A  
**Contractor:** In-fax  
**Status:** Delayed  
**Project Manager:** Doug Stoyko (JW Group)

Phase	Start	Completion
Execution	Feb 22	Jan 23

**Project Description:** Upgrade the existing system in Terminal A to the newest version including the installation of six new LIDAR (Light Detection and Ranging) sensors in the Security Checkpoint area. The existing and new systems will run in parallel one month.

## Costs / Budget

Total Project Cost/Budget: \$ 49,000\*  
Funding Source: Directors Office



## Project Status

- Sensors 4 and 6 will be sent back to the vendor for additional bench testing.
- System activation is paused pending the resolution of the sensor issues



# SAIA ADA Corrections + ADA Compliance

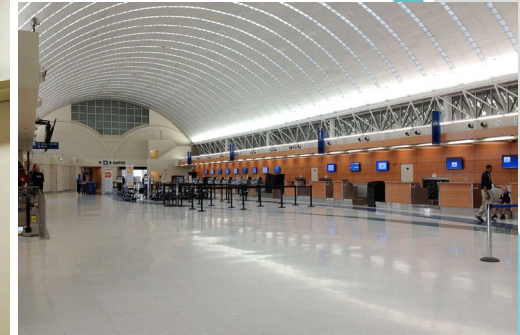


**Consultant:** Jacobs  
**Contractor:** TBD  
**Phase:** Planning  
**Status:** On-Track  
**Start Date:** Oct 2022  
**Completion Date:** Sep 2023  
**Project Manager:** Jose Bermudez

**Project Description:** Correct ADA non-compliance items to ensure and validate an accessible path to all Airport users. Accessibility compliance review of publicly accessible areas on airport property/campus. Will include Terminal and Concourses Phase I: Transition Plan and proposal for remediation projects. Parking Garages Phase II: Survey Inventory Assessment, Compliance Plan, Transition Plan and proposal for remediation projects.

## Costs / Budget

**Total Project Cost/Budget:** \$ 250,000  
**Funding Source:** Construction & Development



## Project Status

- Recommend install new Airline counters ADA compliant
- Pending cost proposal review from Jacobs
- Developing project plan and schedule

# Hangar 4 Remodel Continuation



Consultant:	TBD
Contractor:	TBD
Phase:	Not Begun
Status:	Not Begun
Start Date:	Oct 2022
Completion Date:	Sep 2023
Project Manager:	Dan Delgado

**Project Description:** The renovation of the Hangar 4 will include replacing missing ceiling tiles, repairing and painting walls, potentially installing HVAC system or window unit, resealing area for better climate and weather element control, installing ID scanner lock on door for better access control, the purchase of storage lockers and shelving units, installing and monitoring of additional security cameras, and other repairs.



## Project Status

- Aviation Leadership will discuss project and scope
- Met with Police Captain 10 Nov 22 to validate scope

## Costs / Budget

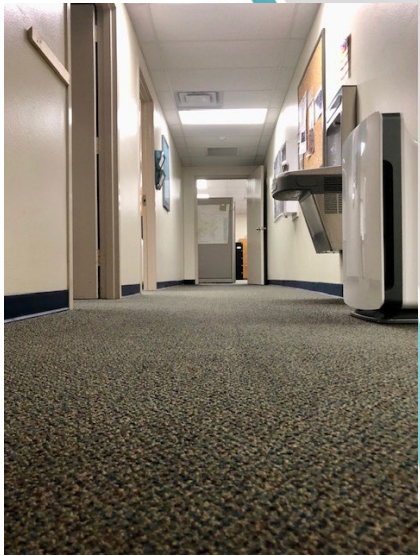
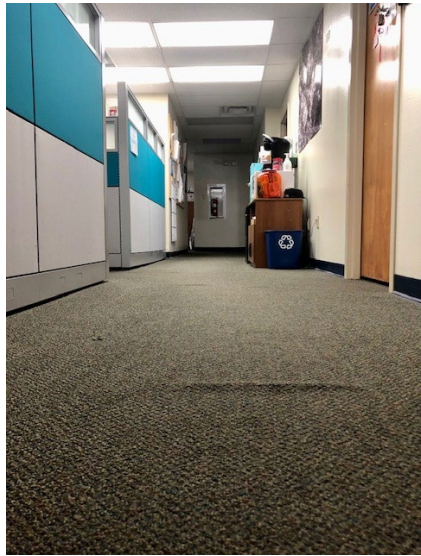
Total Project Cost/Budget:	\$ 250,000
Funding Source:	Airport Police

# Bldg. 1039 Carpet Replacement



**Consultant:** TBD  
**Contractor:** TBD  
**Phase:** Not Begun  
**Status:** Not Begun  
**Start Date:** TBD  
**Completion Date:** TBD  
**Project Manager:** TBD

**Project Description:** To replace carpet in Building 1039 with new commercial-grade, matching current architectural design standards and professional style.



## Project Status

- Project to begin once bldg. 1039 is vacated

## Costs / Budget

**Total Project Cost/Budget:** \$ 25,000  
**Funding Source:** Planning & Development





## **SAN ANTONIO AIRPORT SYSTEM**

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# Questions

