

Airport Expansion and Development Program Active Projects Update

Airport Advisory Commission, December 2023

Lyn Estabrook – Deputy Chief Development Officer



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12-Month Procurement Schedule

Anticipated advertisements

2023

Nov | Dec | 2024 | Feb | Mar | Apr | May | Jun | Jul

2024

Nov 2023 ■ AUS Central Utility Plant Relocation (Design/Build) (\$102M - \$192M)

Dec 2023 ■ Architectural and Engineering Services Rotation List (Architectural) (\$40M - \$60M)

Dec 2023 ■ AUS Building Commissioning Services (\$15M - \$30M)

Dec 2023 ■ Utility Infrastructure Campus-Wide (Design) (\$12M - \$22M)

Dec 2023 ■ West Garage - Lot B (Designer) (\$13M - \$24M)

Jan 2024 ■ Concourse B and Tunnel (Designer) (\$77M - \$140M)

Jan 2024 ■ Utility Infrastructure Campus-Wide (Construction Manager at Risk) (\$167M - \$312M)

Jan 2024 - Jan 2024 ■ West Garage - Lot B (Construction Manager at Risk) (\$172M - \$322M)

Feb 2024 ■ Concourse B and Tunnel (Construction Manager at Risk)(\$1.0B - \$1.9B)

Feb 2024 ■ Barbara Jordan Terminal Optimization Area 4 (Design) (\$14M - \$27M)

Barbara Jordan Terminal Optimization Area 4 (CMAR) (\$200M - \$375M) ■ Mar 2024

AUS Construction Material, Geotechnical, and Forensic Engineering Services (\$15M - \$30M) ■ Mar 2024

Arrivals and Departures Hall, Red Garage Demo, Roadways, and Utilities (Design) (\$41M - \$77M) ■ Mar 2024

Arrivals and Departures Hall, Red Garage Demo, Roadways, and Utilities (Construction Manager at Risk)(\$585M - \$1.1B) ■ Apr 2024

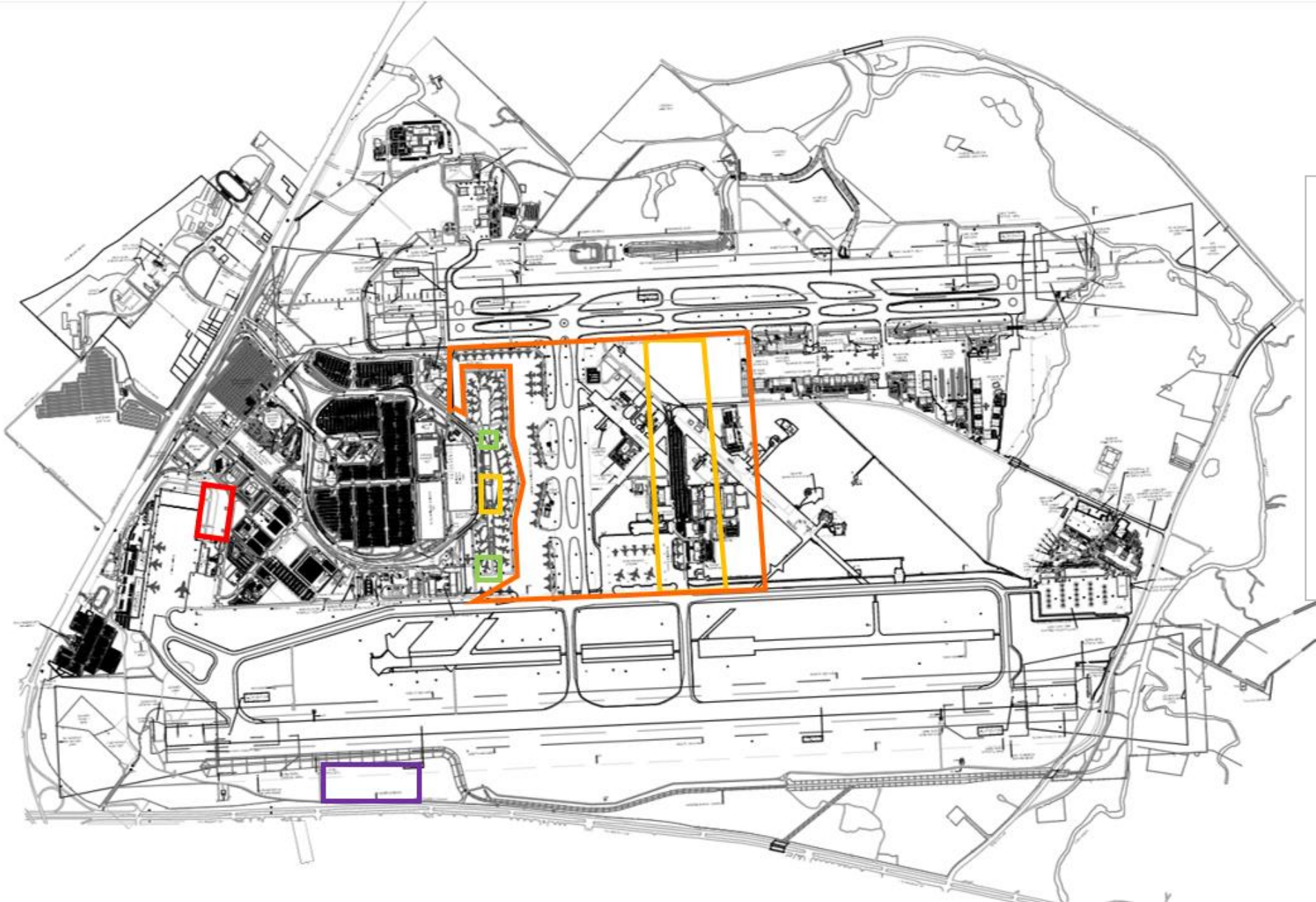
Surface Parking (Phase 1) (Construction) (\$34M - \$62M) ■ Jul 2024

LEGEND

■ Request for Qualifications

■ Alternative Delivery Method





LEGEND

- **AEDP Airfield Infrastructure – Midfield Taxiways**
- **AEDP Building Demolition (locations shown on slide)**
- **Cargo Development East**
- **West Gates Expansion / Gate 13**
- **Midfield Investigations & Vehicle Checkpoints**
- **Existing Terminal Baggage Handling System Upgrades**
- **AUS Fuel Facility Phase 2 (Tenant led, AUS Fuels Project)**

Midfield Investigations and Vehicle Checkpoints

Champion Sponsor – Towanda Cordon
Project Manager – Torrey Henson
Project number – 6000.121

Description: This project will expand guard-shacks at two vehicle Checkpoints, Alpha and Charlie, to allow efficient and secure access to the Aircraft Operations Area. Additionally, this project includes scope to investigate the locations for midfield taxiways. Technical investigations of the airfield includes surveys, geotechnical borings, and other site investigations.

Risk	Mitigation
Checkpoints A & C Design underway. the Aircraft Operations Area must remain secure. All activities remain operational during construction phase.	Work with project teams and stakeholders prior to construction beginning. Provide alternative routes to access the Aircraft Operations Area and increase security awareness to contractors during construction phase.

Status: HNTB comments have been incorporated into Midfield Geotechnical Reports GDR 1 & 2 (Tunnel) locations T-1-T-30 and the final report has been provided to HNTB.

Checkpoint A and C 100% Design submitted to AUS for final review/ comment on 10/24. Plans will be submitted to COA QMD for review on 11/3.

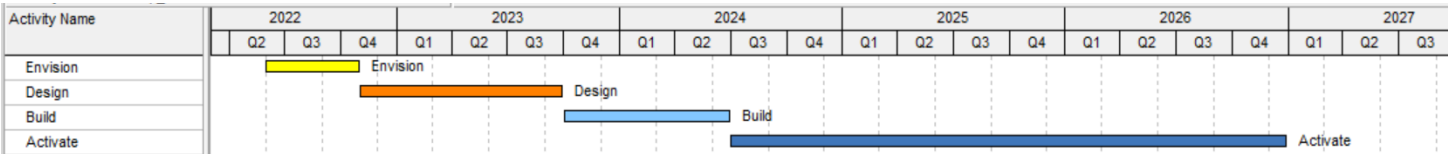


%MWBE:
Design: 73%
Construction: TBD %

Delivery Methods:
Design: Corgan
Construction: TBD

Project Budget:
Spend-To-Date: \$2,052,669
Obligated: \$3,188,436
Total Budget: \$6,300,000

Project Schedule:



AEDP Building Demolition

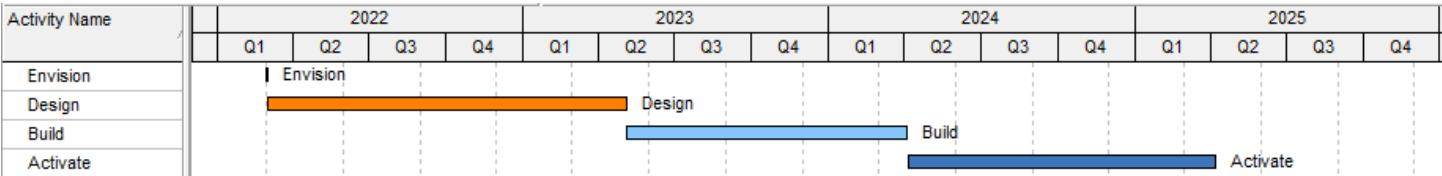
Champion Sponsor – Lyn Estabrook
Project Manager – Ellen Brunjes-Brandt
Project number – 13189.012

Description: Demolish 39 Buildings on South Campus that are a safety hazard, an original Airforce infrastructure, no longer serve operational need for the Department of Aviation and make way for future development. The work includes removal of the facilities to slab level and disconnection of utilities throughout the site.

Risk	Mitigation
Coordination of Water Utility Disconnection	Allow 2 weeks of Coordination
Coordinate Circulation Pattern Reconfiguration	Work with ORAT Team and ST on Plan

- Status:**
- 5-1-23 NTP Construction
 - Phase 1A Complete
 - Phase 1B Complete
 - Phase 2 Complete
 - Phase 3 Building Demolition Oct-Dec
 - Punchlist- ongoing

Project Schedule:



%MWBE:
Design: 15.8%
Construction: 26.87%

Delivery Methods:
Design: Corgan
Construction: Low Bid – STR Contractors

Project Budget:
Spend-To-Date: \$1,491,679
Obligated: \$5,296,398
Total Budget: \$9,608,000

Barbara Jordan Terminal Optimization West Gate Expansion

Champion Sponsor – Ghizlane Badawi
Project Manager – Robert Mercado
Project number – 13184.014

Description: The main expansion project will add new 3 Gates to the west end of the Barbara Jordan Terminal (BJT) and replace 12 aging boarding gates. This project will provide infrastructure needed for passenger growth, comfort, health and safety.

Risk	Mitigation
Coordination issues with Operations that affect construction timing and schedule.	Constant communication and notification among all stakeholders on aviation activities and project needs.

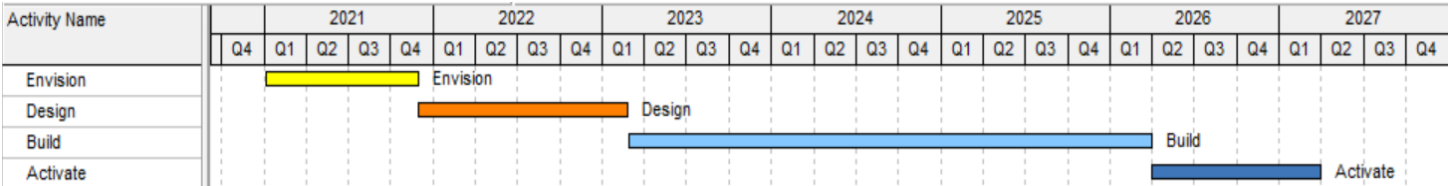
%MWBE:
Design: 17%
Construction: 11.12%

Delivery Methods:
Design: Page Architects
(Rotation List A/E Prof Services)
Construction: Hensel Phelps
(CMR Selection)

Project Budget:
Spent-To-Date: \$20,028,589
Obligated: \$137,012,510
Total Project Cost : \$164,399,584

- Status:**
- Construction enabling work is underway at Gates and BJT Concourse.
 - Temporary Gate 34 is now open for use.
 - Temporary Gate 36 available for use about December 6.

Project Schedule:



AUS Cargo Development East

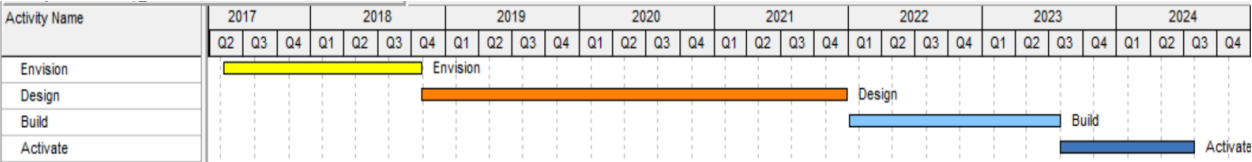
Champion Sponsor – Mookie Patel
Project Manager – Robert Mercado
Project number – 13189.026

Description: A 90,000 SF facility for operators/tenants with room to expand to 99,000 SF. Includes employee parking, truck staging, drainage infrastructure, 3 aircraft parking positions.

Risk	Mitigation
Schedule delays due to installation of permanent power from Austin Energy.	Discussions with Austin Energy management to help with approvals for the work to proceed.

- Status:**
- Phase 1: Work on Airside Complete.
 - Phase 2: Dry-in of shell building complete.
 - Installation of MEP scopes underway.
 - Substantial Completion estimate late-December 2023.

Project Schedule:



%MWBE:
Design: 15.8%
Construction: 1.13%
Anticipated Construction: 7.36%

Delivery Methods:
Design: Atkins
Construction: JE Dunn & Flintco

Project Budget:
Spend-To-Date: \$29,443,337
Obligated: \$31,738,412
Total Budget: \$32,874,000

Barbara Jordan Terminal Optimization Gate 13 Renovation

Champion Sponsor – Ghizlane Badawi

Project Manager – Robert Mercado

Project number – 13184.014

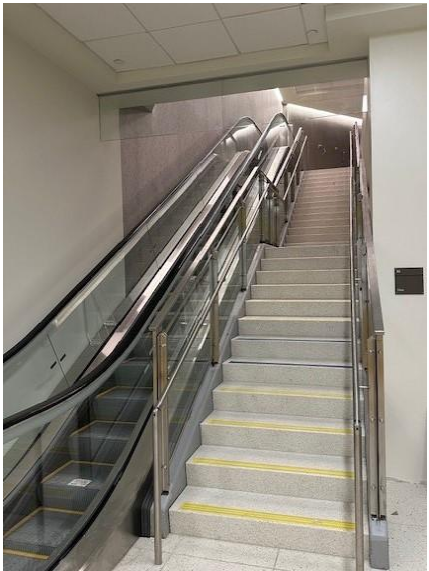
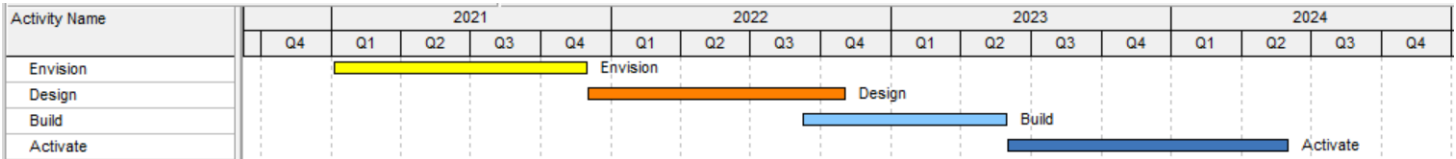
Description: The renovation of existing Gate 13 in the east end of the Barbara Jordan Terminal (BJT) to allow for more efficient bus operation and ground loading of planes on the Apron. Scope includes the installation of two escalators and a central stairway.

Risk	Mitigation
Security issues related to the exterior doors that exit onto the Apron Level.	Maintaining communication with aviation security on all issues affecting door access and security cameras.

Status:

- Gate 13 interior & exterior is Substantially Complete.
- Escalators testing and approval underway.
- Punchlist items being completed.

Project Schedule:



%MWBE
Design: 3.15%
Design Anticipated: 20.46%
Construction: 2.23%
Construction Anticipated: 22.33%

Delivery Methods:
Design: Page Architects (RL)
Construction: Alpha Bldg. (RL JOC)

Project Budget:
Spend-To-Date: \$3,554,988
Obligated: \$3,946,803
Total Budget: \$4,000,000

AUS Fuel Facility Upgrade Package 2

Sponsor – Tenant Project - Airline Fuel Consortium
AUS Project Manager – David Smythe-Macaulay
Project number – F7003.08

Description: Project is led by tenant AUS Fuels (Airline Fuel Consortium). Design and build a new Jet A fuel storage facility with two underground transfer lines connecting to the existing facility.

Risk	Mitigation
FAA required monitoring of telecommunications installations alongside FAA cables. FAA process may delay completion.	Request FAA assign someone to monitor installation immediately after the agreement is executed.

- Status:**
- Permanent power is now available to facility.
 - Started renovations to the Metropolis & HWY 183 intersection.
 - Continue building concrete dike walls around tanks.
 - Continuing to fabricate and install piping and pumps.
 - Continue with site grading and roads.
 - Complete Vehicle Service Road.
 - Project early completion is anticipated for February 2024.
 - Summer Community Meeting series summary report available online – SpeakUpAustin.org/AUSFuel

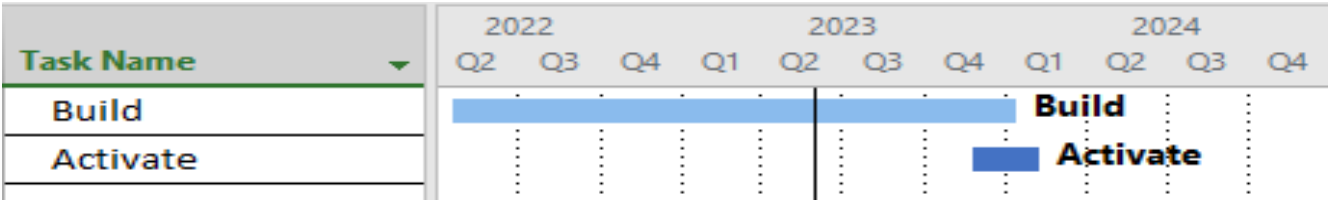


%MWBE
Goal: 6.6%
Participation to Date: 4.60%
Anticipated Participation: 5.10%

Delivery Methods:
Design-Build Contractor:
Burns & McDonnell

Project Budget: ~\$64M

Project Schedule:



Existing Terminal Centralized Baggage Handling System Upgrades

Project number – 5415.112

Description: Design build a new centralized baggage handling system (BHS) to increase screening capacity, address existing operational concerns, and upgrade to 30 Million Annual Passengers processed. Rebased line scope for Design of infill and bump out per AUS executive team and airlines in December 2022.

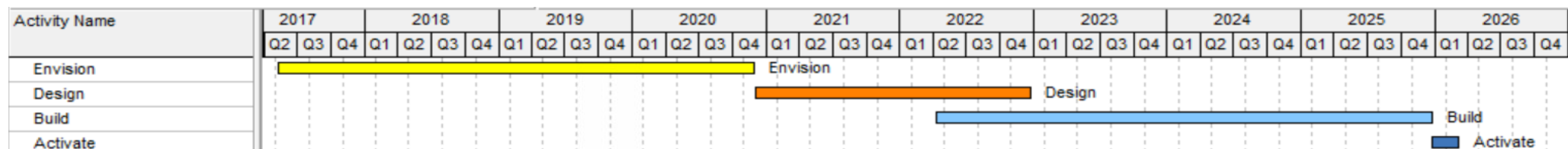
Risk	Mitigation
Construction material shortage and lead/delivery times. Schedule extension due to redefined scope at the West Infill scope, may add 12 months.	Ordering all equipment and materials early, tracking material pricing and procurement/delivery times. Ensured Phase 1 not impacted. West Infill release of 30% design to finalize the end product.

%MWBE
Goal: 5.52%
Anticipated
Participation: 10%

Delivery Method: Design-Build
Contractor: Whiting-Turner
Designers: Gensler, VTC BHS

Project Budget:
Spend-To-Date: \$74,137,457
Obligated: \$132,022,130
Total Budget: \$238,000,00

Project Schedule:



Status:

Tenant/Enabling - All Tenants have been relocated.

Phase 1 – 100% Baggage Handling System Design Approved by TSA, Conveyor Installation is 90% in Bag Claim Ceiling, 100% in the CBIS/CBRA, and 45% in the Apron. Electrical Installation is 95% CBIS/CBRA with device terminations. Conveyor start Up and programing has commenced.

Phase 2 –West Infill/Bump out Concept Planning redefined per AUS Exec and Airlines due to increased passenger demand. Additional funding was approved from AAC and Council. BHS CBIS /CBRA was approved by TSA. 60% design was submitted and reviewed by AUS. Permits submissions for early works site-work and demolition have been submitted and approved.

Budget: Phase 1 on track, Phase 2 pending 100% drawings (redesign of bump out).



Highly Successful with over 470 attendees



Thank You!

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