

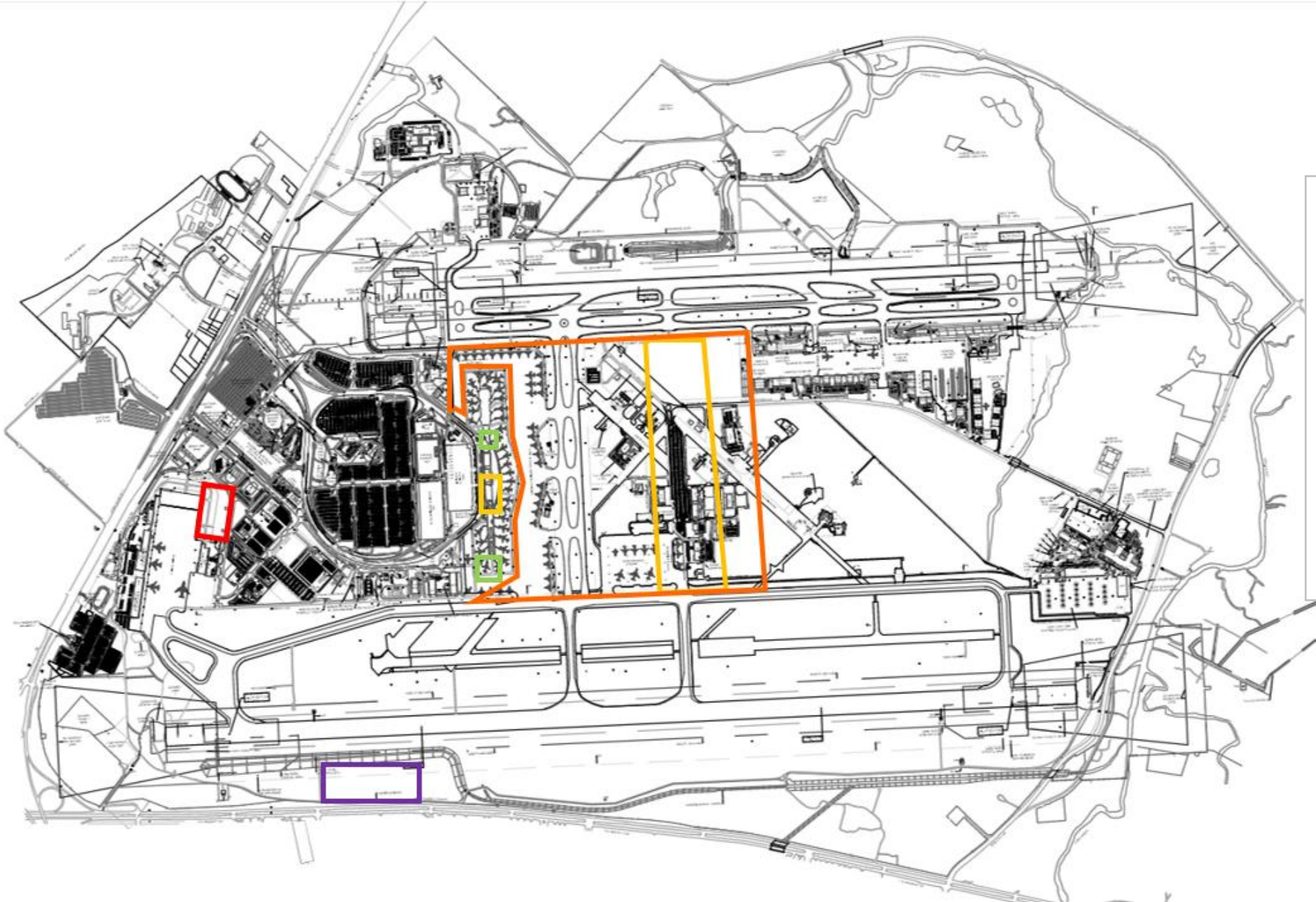
# Airport Expansion and Development Program Active Projects Update

Airport Advisory Commission, November 2023

Lyn Estabrook – Deputy Chief Development Officer



**JOURNEY  
WITHAUS**



## 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)**



# 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



# 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.

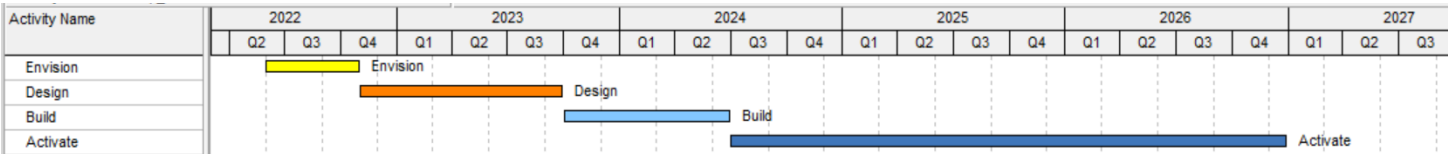


**%MWBE:**  
**Design:** 73%  
**Construction:** TBD %

**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:



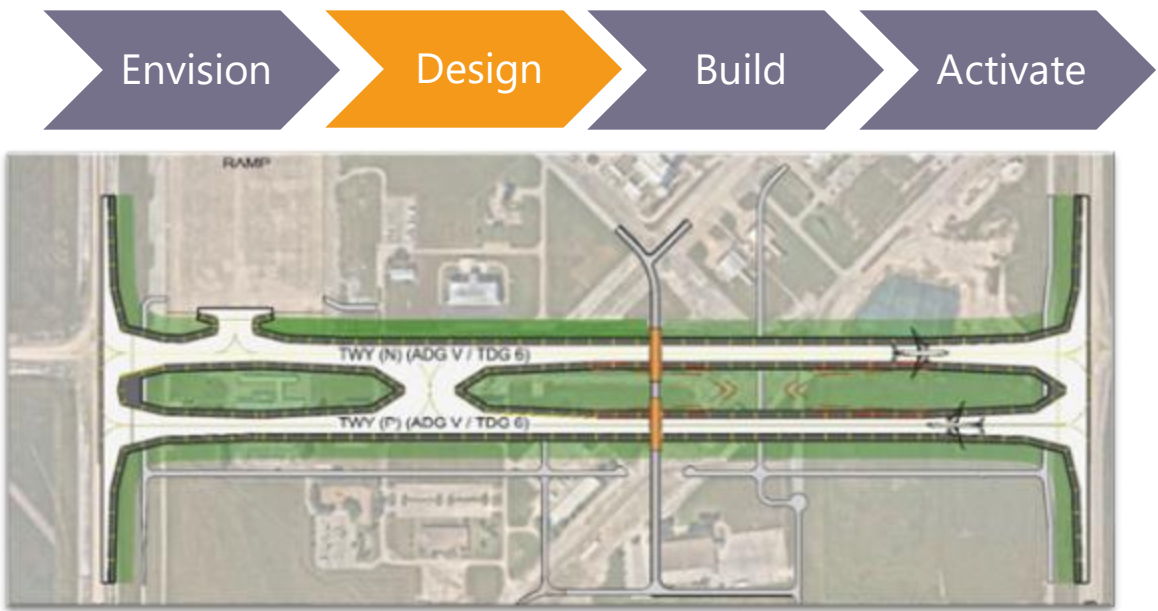
# AEDP Airfield Infrastructure- Midfield Taxiway

**Champion Sponsor** – Lyn Estabrook  
**Project Manager** – Ellen Brunjes-Brandt  
**Project number** – 13188.003

**Description:** Design and construct two parallel Midfield Taxiways with connectors and access to the maintenance ramp. The project includes bridges for vehicle access to the midfield, utility relocation, drainage improvements, demolition of existing pavements and infrastructure, new fencing, service roads and modifications to Emma Browning Rd.  
**Other Notes:** This project will provide connectivity between the east and west side of the airport when the existing midfield taxiways are removed to build a second concourse.

Risk	Mitigation
Relocation of Austin Energy Service Line to South Terminal to enable Bridge construction.	Early Submission of Electrical Service 9/22/23

- Status:**
- Preliminary Design Phase – Complete
  - 30% Design Phase - Submitted for review 10-20-23
    - Surveying, Geotech and Utility location -Complete
    - Envision Sustainability Charrette- Complete
    - Parking Lot Conceptual Design and Circulation – Complete
    - Utility Relocation Conceptual Design- Complete
    - RCA pending to increase Design and Construction Phase services from \$8M to \$20.7M



**%MWBE:**

**Design:** 17%

**Construction:** 11.12%

**Delivery Methods:**

**Design:** RS&H

**Construction:** Construction;  
Construction Manager At Risk  
(CMAR): Austin Bridge and Road

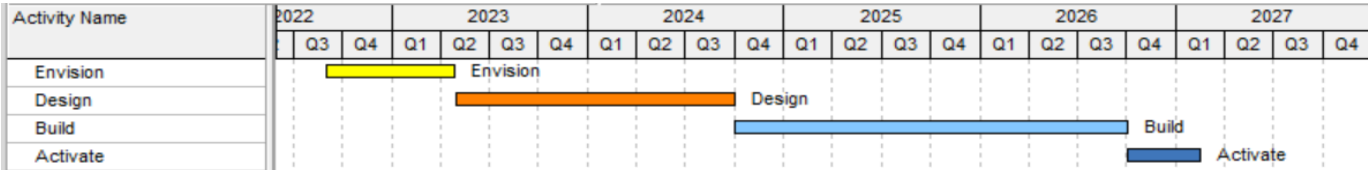
**Project Budget:**

**Spent To Date:** \$2,589,518

**Obligated:** \$8,822,545

**Total Budget:** \$323,757,200

**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.

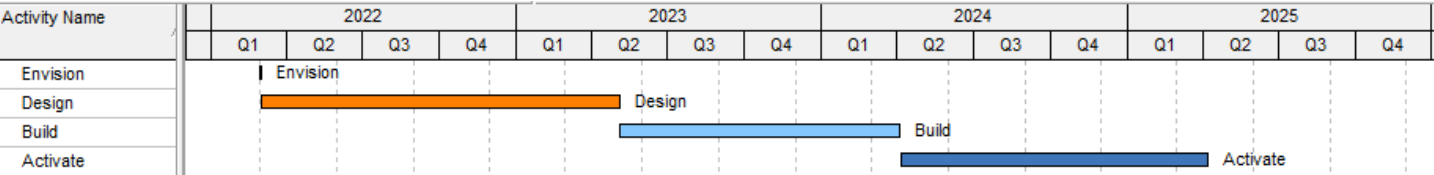
Risk	Mitigation
Coordination of Water Utility Disconnection	Allow 2 weeks of Coordination
Coordinate Circulation Pattern Reconfiguration	Work with ORAT Team and ST on Plan

**%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

## Project Schedule:



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

# 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
Schedule delays due to construction cost escalation.	Verify scope of work, value engineer scope and approval to move forward on reduced items.

**%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:** \$16,290,424  
**Obligated:** \$136,625,421  
**Total Project Cost :** \$164,000,000

**Status:**

- Construction enabling work is underway at Gates and BJT Concourse.
- Temporary Jet Bridges are being put in place between Gates 32 & 34.
- Temporary Gate 34 available for use October 1.

**Project Schedule:**

Activity Name		2021					2022					2023					2024					2025					2026					2027				
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4							
Envision		<div></div>					Envision																													
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# 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 unavailability of electrical transformer from Austin Energy.	Checking on possible use of temporary power or a used transformer to complete project.

**%MWBE:**

**Design: 15.8%**

**Construction:** 1.13%

*Anticipated*

Construction: 7.36%

### Delivery Methods:

**Design:** Atkins

**Construction:** JE Dunn &

# Flintco

### Project Budget:

**Spend-To-Date:** \$26,825,025

**Obligated:** \$31,362,49

**Total Budget:** \$32,874,000

**Status:**

- Phase 1: Complete.
- Phase 2: Dry-in of shell building complete.
- Installation of MEP scopes & dock equipment underway.
- Work on Airside being completed.
- Substantial Completion estimate mid-November 2023.

### Project Schedule:

Activity Name	2017			2018				2019				2020				2021				2022				2023				2024																														
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																											
Envision								Envision																																																		
Design																													Design																													
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# 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
Schedule delays due to availability of labor and materials.	Verify scope of work to include non long-lead materials if possible.

**%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:**

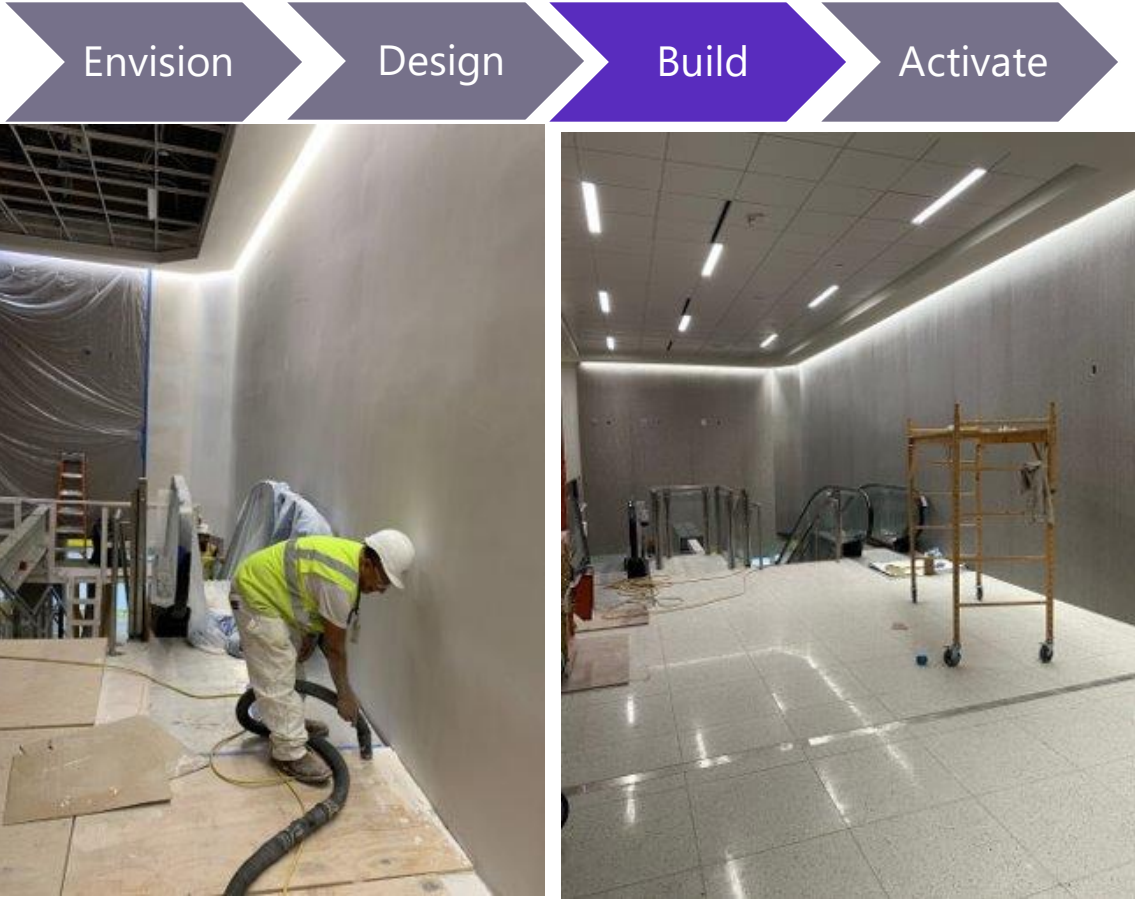
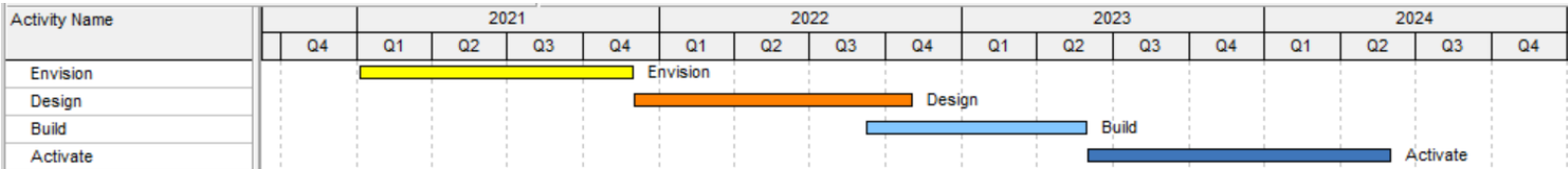
**Spend-To-Date:** \$3,313,309

**Obligated:** \$3,820,000

**Total Budget:** \$4,000,000

- Status:**
- Substantial Completion of Interior work October 1.
  - Escalators installed and tested, final finishes underway.
  - Gate 13 Exterior work estimated completion end of Oct.

**Project Schedule:**



# 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.

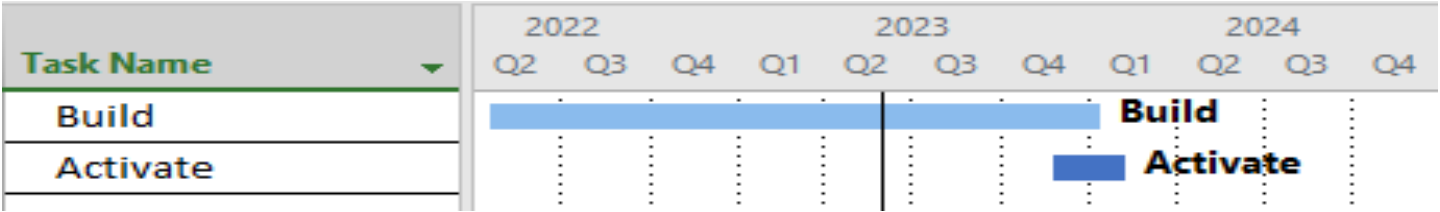
**%MWBE**  
**Goal:** 6.6%  
*Participation to Date: 4.60%*  
*Anticipated Participation: 5.10%*

**Delivery Methods:**  
**Design-Build Contractor:**  
Burns & McDonnell  
**Project Budget:** ~\$64M

- 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](https://SpeakUpAustin.org/AUSFuel)



**Project Schedule:**



# Existing Terminal Centralized Baggage Handling System Upgrades

**Sponsor** – Brian Long  
**AUS Project Manager** – Rohini Kumarage  
**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.

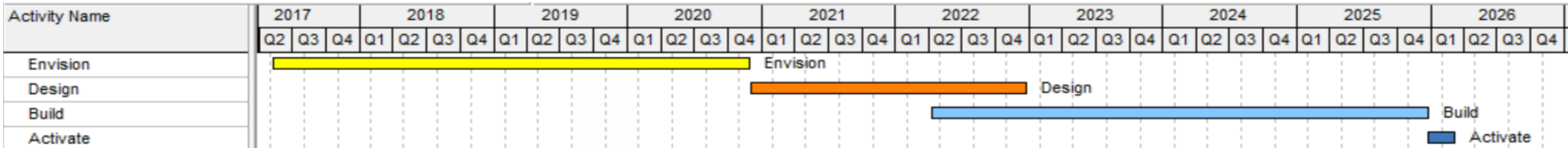
Risk	Mitigation
Construction material shortage and lead/delivery times. Schedule extension due to redefined scope at the West Infill scope, may add 12 months.	Ordering all equipment and materials early, tracking material pricing and procurement/delivery times. Ensured Phase 1 not impacted. West Infill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





SAVE THE DATE  
**Industry Day**  
November 9, 2023  
Hyatt Regency Austin

Thank You!

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