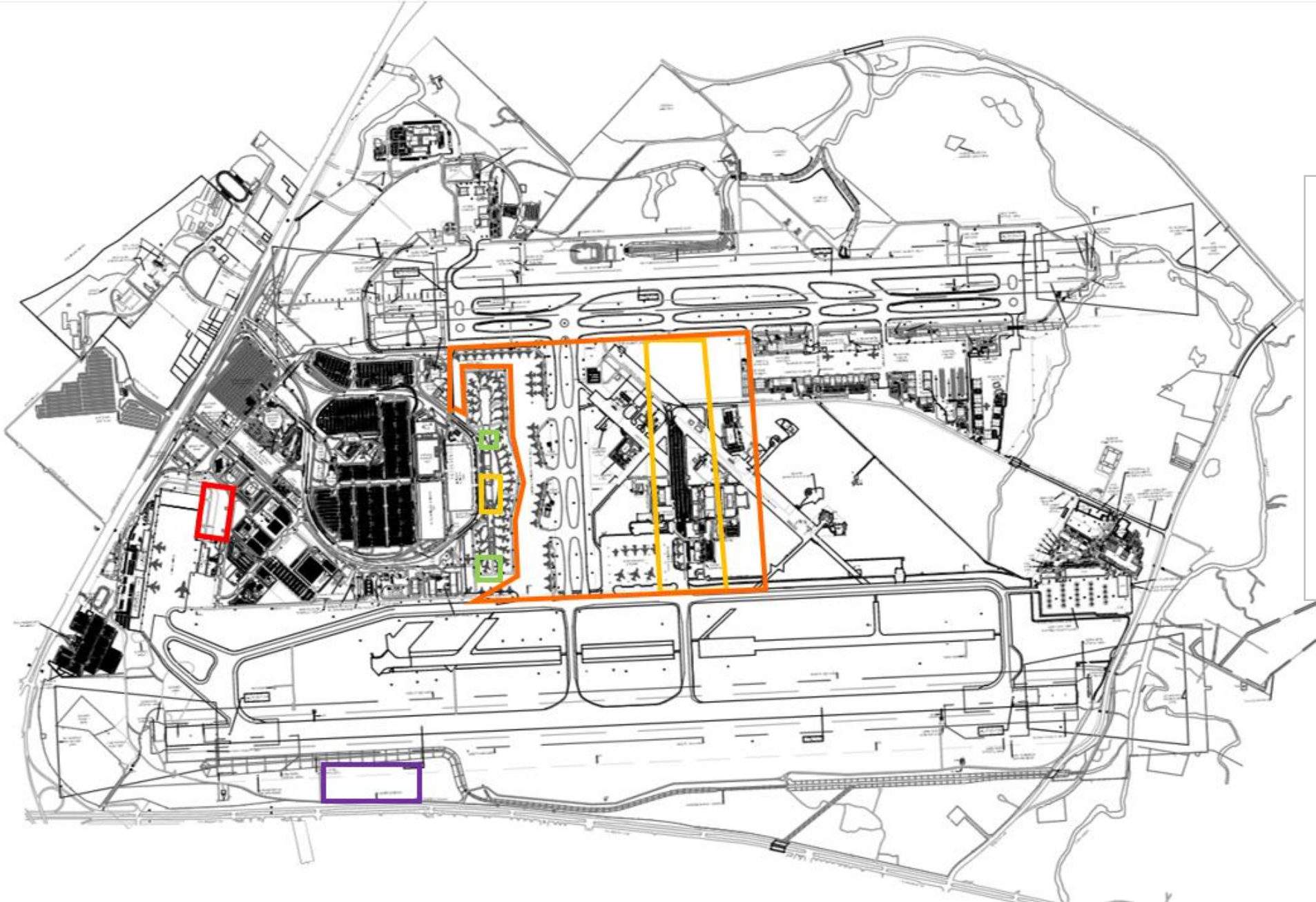


Airport Expansion and Development Program Active Projects Update

Airport Advisory Commission, October 2023
Lyn Estabrook – Deputy Development Director



**JOURNEY
WITHAUS**

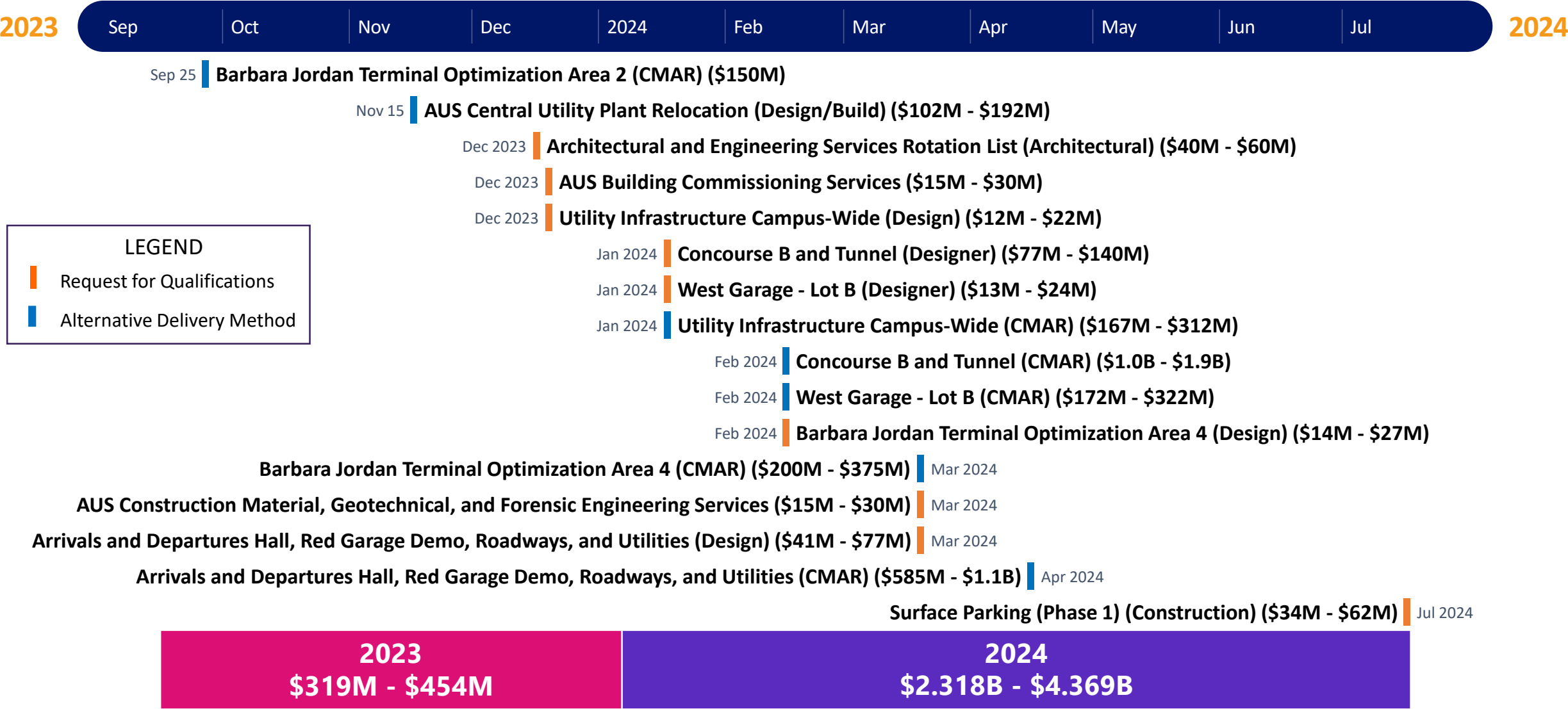


LEGEND

- **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

Forecast Advertisement Date



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 (AOA). 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. Risk during construction the AOA remains secure. All activities remain operational during construction phase.	Work with project teams and stakeholders prior to construction beginning. Provide alternative routes to access the AOA 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. Final deliverables for Pavement, Topographical, and Apron reports have also been provided to HNTB. All report have been completed for Midfield investigation to date. Checkpoint A & C 90% plan review stakeholder comments received on 9/22. COA QMD review to being 9/29.

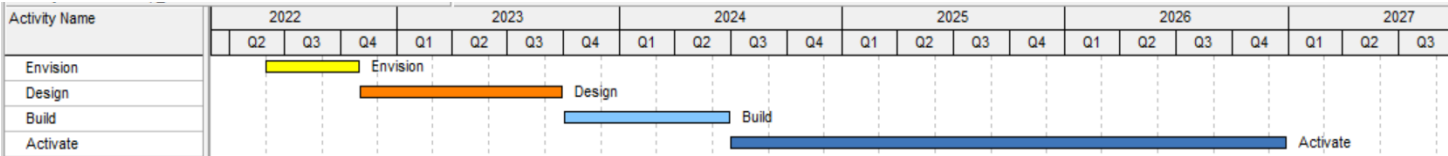


%MWBE:
Design: 73%
Construction: TBD
%

Delivery Methods:
Design: Corgan
Construction: TBD

Project Budget:
Spend-To-Date: \$1,824,819
Obligated: \$3,188,436
Total Budget: \$6,300,000

Project Schedule:



AEDP Airfield Infrastructure- Midfield Taxiway

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 ESPA 9/22/23

Status:

- Preliminary Design Phase – Complete
- 30% Design Phase -
 - Surveying, Geotech and Utility location -Complete
 - Envision Sustainability Charrette- Complete
 - Parking Lot Conceptual Design and Circulation - Ongoing
 - Utility Relocation Conceptual Design - Ongoing



%MWBE:

Design: 17%

Construction: 11.12%

Delivery Methods:

Design: RS&H

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

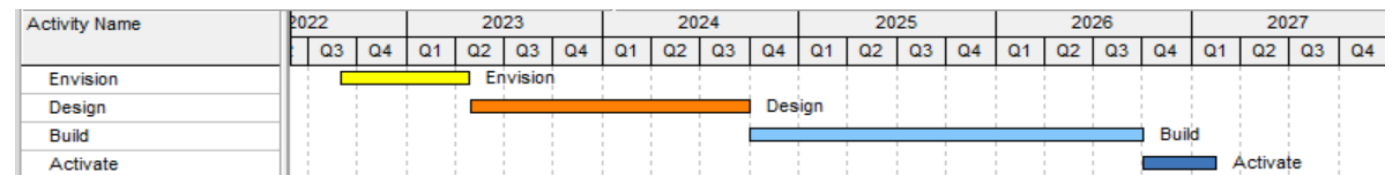
Project Budget:

Spent To Date: \$2,589,518

Obligated: \$8,822,545

Total Budget: \$323,757,200

Project Schedule:



AEDP Building Demolition

Champion Sponsor – Somer Shindler
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.

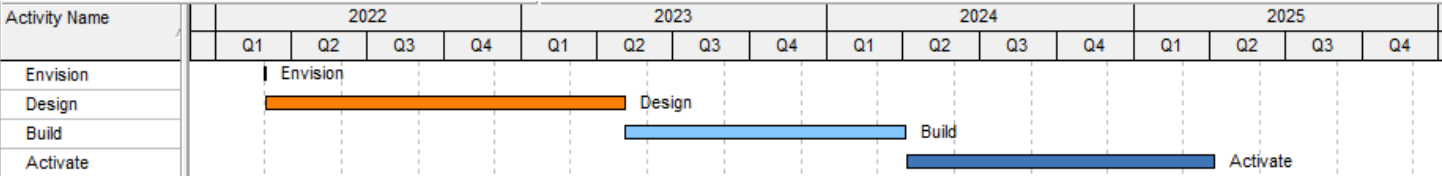
Risk	Mitigation
Coordination of Water Utility Disconnection	Allow 2 weeks of Coordination
Coordinate Circulation Pattern Reconfiguration	Work with ORAT Team and ST on Plan

%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 this month
 - Phase 3 Utility Disconnections Started
 - Phase 3 Building Demolition Oct-Dec

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%

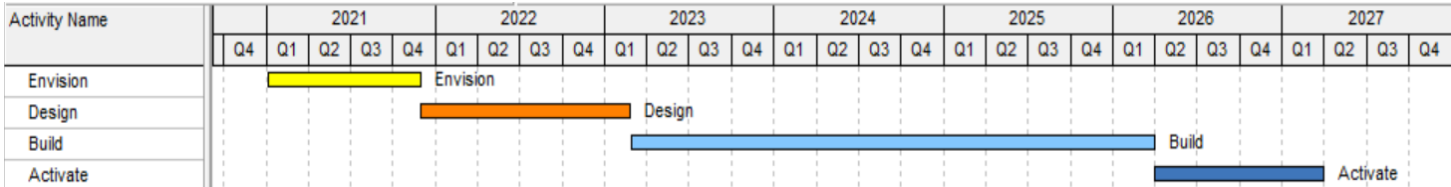
Delivery Methods:
Design: Page Architects
(Rotation List A/E Prof Services)
Construction: Hensel Phelps
(CMR Selection)

Status:

- Notice to Proceed (NTP) Start of Construction 2/22/23.
- 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 Budget:
Spent-To-Date: \$16,290,424
Obligated: \$136,625,421
Total Project Cost : \$164,000,000

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 unavailability of electrical transformer from AE.	Checking on possible use of temporary power or a used transformer to complete project.

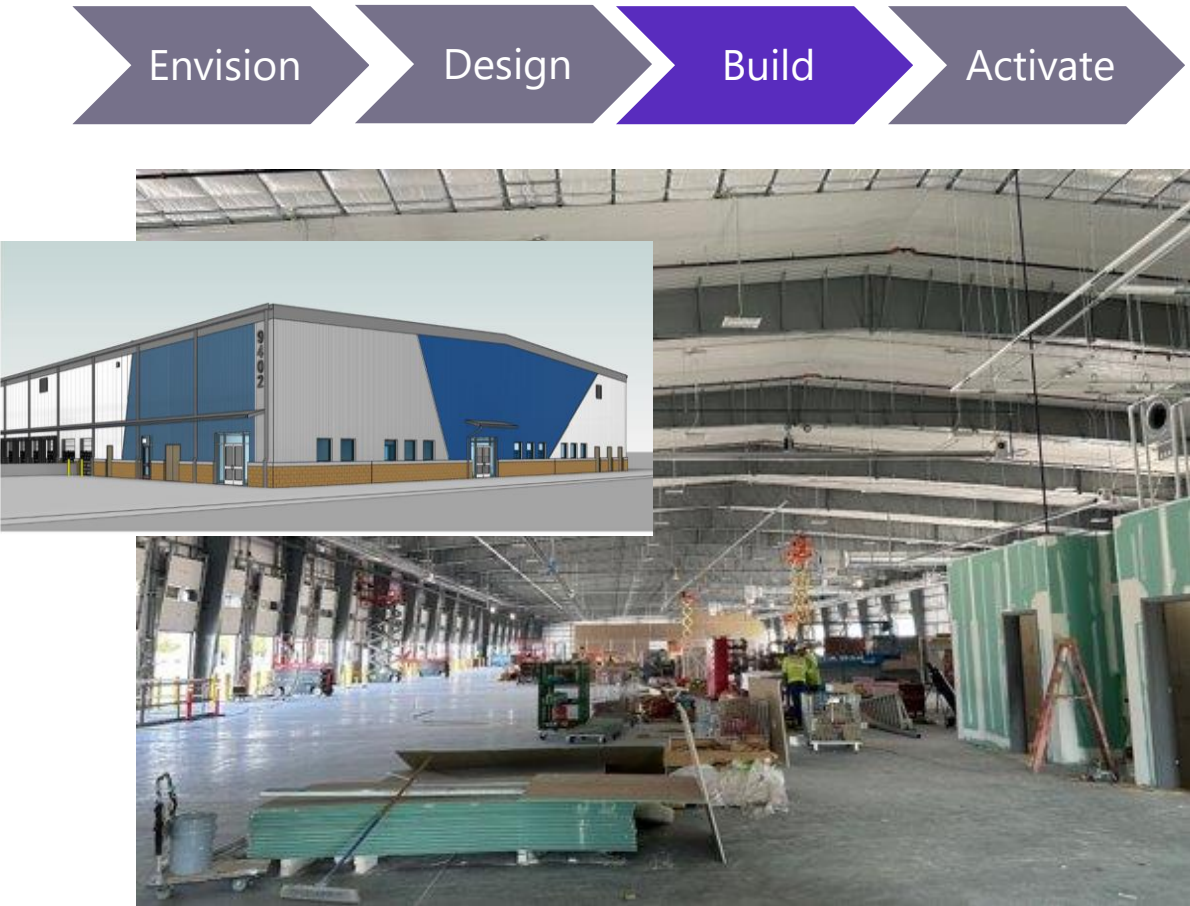
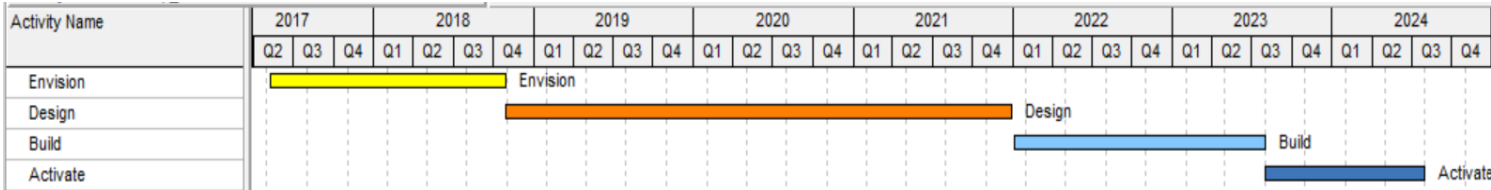
%MWBE:
Design: 15.8%
Construction: 1.13%
Anticipated
Construction: 7.36%

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:



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

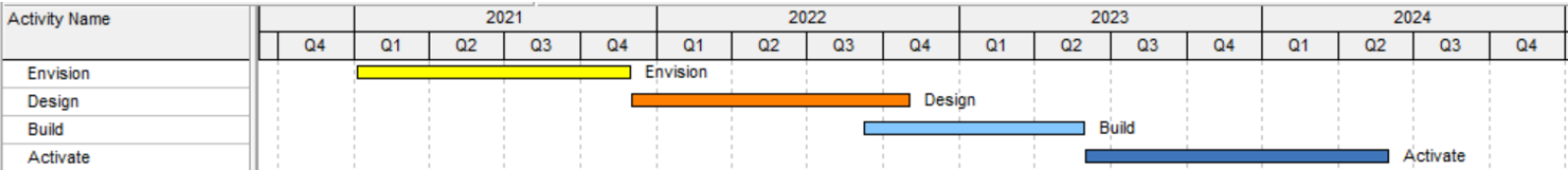
Obligated: \$3,820,000

Total Budget: \$4,000,000



- Status:**
- Substantial Completion of Interior work October 1.
 - Escalators installed and tested, final finishes underway.
 - Gate 13 Exterior work to began late September.

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

Project Schedule:

Task Name	2022			2023				2024			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Build	[Bar spanning 2022 Q2 to 2023 Q4]							Build			
Activate								[Bar spanning 2024 Q1 to 2024 Q2]			



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: \$62,888,710

Obligated: \$132,022,130

Total Budget: \$238,000,00

**Status:**

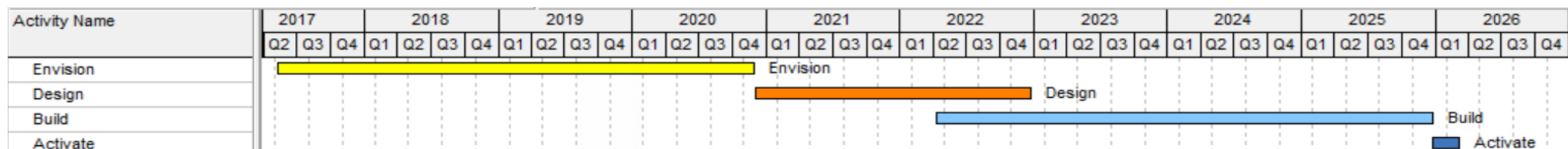
Tenant/Enabling - All Tenants have been relocated.

Phase 1 – 100% Baggage Handling System Design Approved by TSA, Conveyor Installation is 70% in Bag Claim Ceiling, and 100% in the CBIS/CBRA and 255 in the Apron. Electrical Installation with device terminations is underway CBIS/CBRA

Phase 2 –West Infill/Bump out Concept Planning redefined per AUS Exec and Airlines due to increased passenger demand. Will need additional approvals from AAC and Council. BHS CBIS /CBRA was approved by TSA. 30% design were submitted and reviewed by AUS. 30% design was submitted and reviewed by AUS. 60% Design expected 10/1/23. Permits submissions for early works sitework and demolition have been submitted.

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

Project Schedule:



Contractor Community Outreach

Pre-Industry Day Session 3 – Let's Go!

- In Person Event – In conjunction with Airport Minority Advisory Council (AMAC)
- Event was broken into two parts:
 - Presentation with an update on the AEDP, procurements, and potential scopes of work
 - Speed Networking among primes and potential subcontractors
- More than 250 attendees from prime and subcontractor firms
- Presentation materials available at austintexas.gov/AEDP-Business



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

Thank You!

**JOURNEY
WITHAUS**