

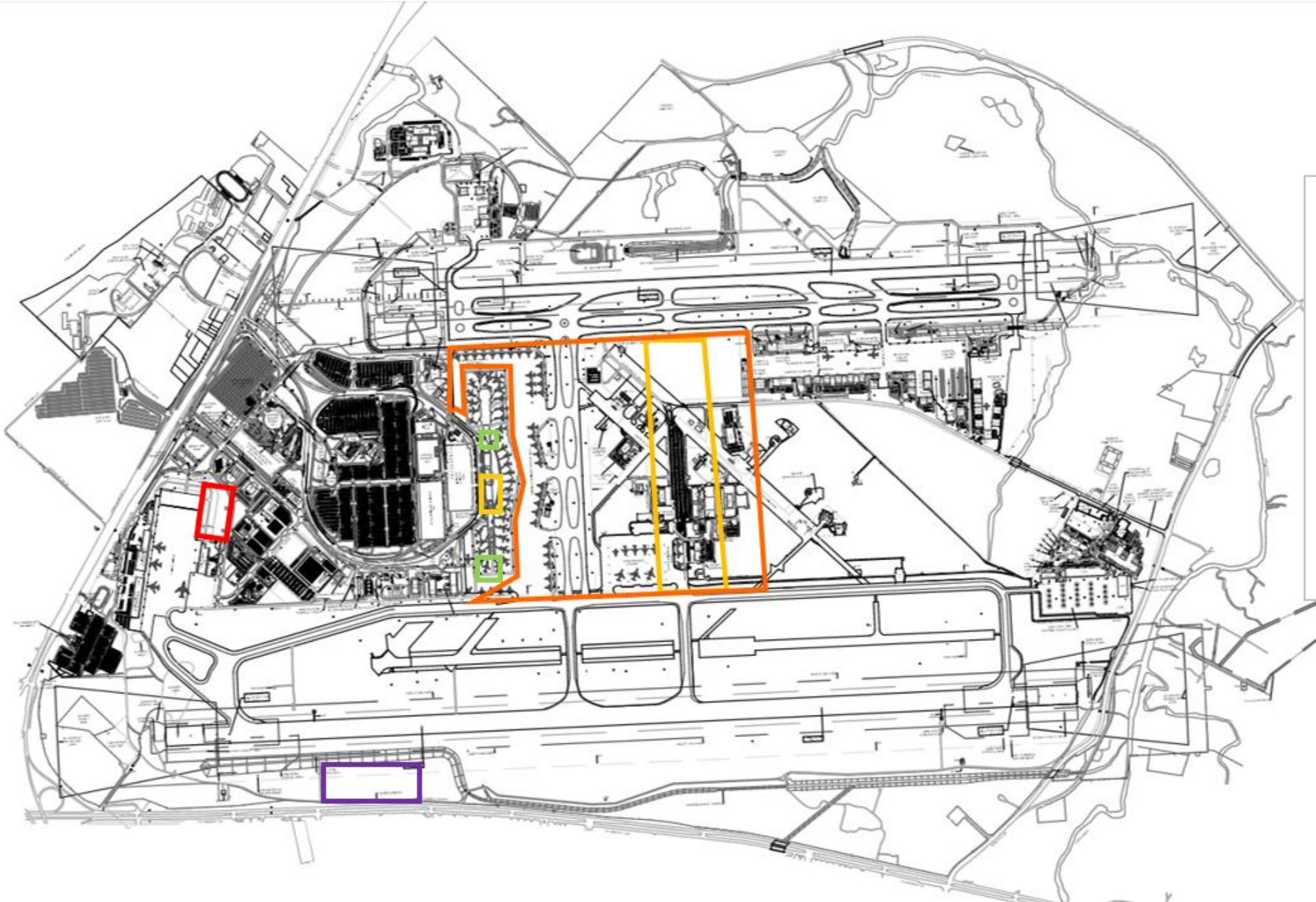
# Airport Expansion and Development Program Active Projects Update

Airport Advisory Commission, September 2023

Lyn Estabrook – Planning and Development Division Manager



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## 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 advertisement or rotation list award dates

2023

Sep

Oct

Nov

Dec

2024

Feb

Mar

Apr

May

Jun

Jul

2024

Sep 2023 ■ Barbara Jordan Terminal Optimization Area 2 (CMAR 2) (\$80M - \$120M)

Sep 2023 ■ Surface Parking (Phase 1) (Design) (\$2M - \$4M)

Oct 2023 ■ Rolling Owner-controlled Insurance Program (\$44M - \$82M)

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

Nov 2023 ■ Parking Garage (Design/Build) (\$185M - \$346M)

Dec 2023 ■ Architectural and Engineering Services Rotation List (Architectural) (\$24M - \$45M)

Dec 2023 ■ Architectural and Engineering Services Rotation List (Civil) (\$16M - \$30M)

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

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

Jan 2024 ■ Concourse B and Tunnel (Progressive Design/Build) (\$1.1B - \$2.0B)

Jan 2024 ■ Utility Infrastructure Campus-Wide (CMAR) (\$167M - \$312M)

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 Demolition, Roadways, and Utilities (Design) (\$41M - \$77M) ■ Mar 2024

Arrivals and Departures Hall, Red Garage Demolition, Roadways, and Utilities (CMAR) (\$585M - \$1.1B) ■ Apr 2024

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

## LEGEND

- Professional Services
- Alternative Delivery Method
- Rotation List

# Midfield Investigations and Vehicle Checkpoints

**Champion Sponsor** – Somer Shindler/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 for Midfield Geotechnical Report GDR 1 Tunnel (T) T-1-T-12 report. Final draft was received on 8/25. Geotechnical Report GDR 2, T-13-T-31 first draft has been submitted to HNTB for review. Pavement survey Draft report has been submitted to HNTB being developed. Checkpoint 90% design to be provide AUS for review on 8/30.

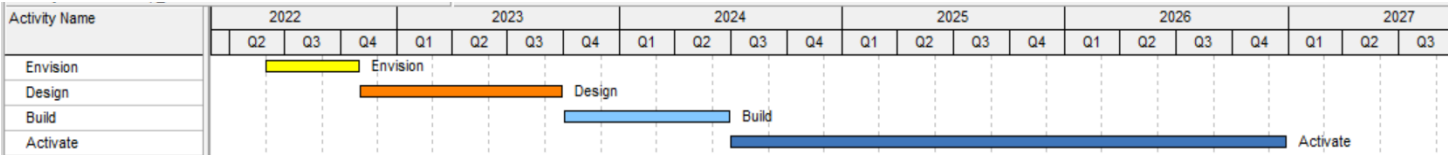


**%MWBE:**  
**Design:** 73%  
**Construction:** TBD %

**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 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.

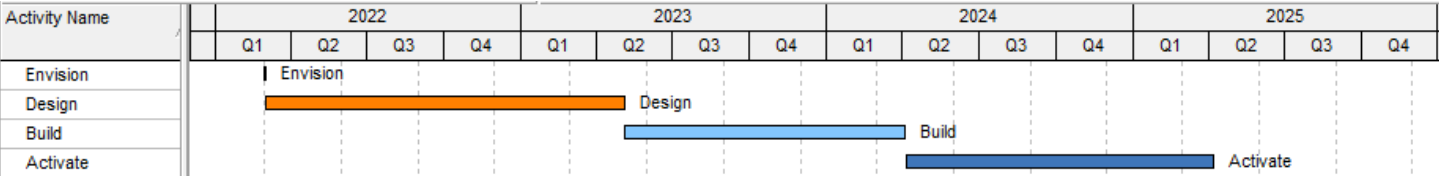
Risk	Mitigation
Coordination of Water Utility Disconnection	Allow 2 weeks of Coordination
Coordination of Austin Energy Disconnection	Allow 4 weeks of Coordination

**%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
  - 5-30-23 Demolition Permit Activated
  - Phase 1A Complete
  - Phase 1B Complete
  - Phase 2 Ongoing

# Barbara Jordan Terminal Optimization West Gate Expansion

**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:

**Spend-To-Date: \$14,541,587**

**Obligated:** \$136,625,421

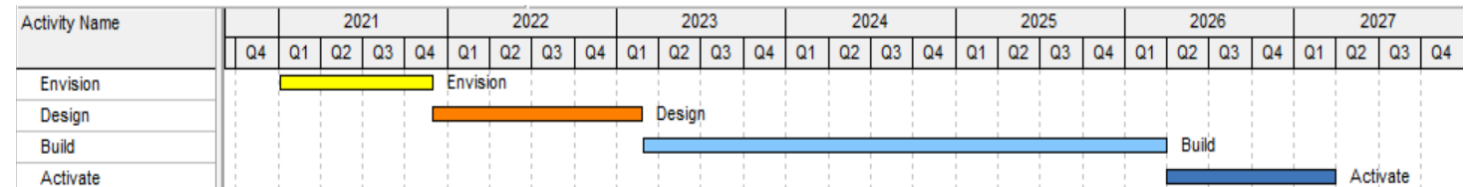
**Total Budget:** \$164,000,000

**Status:**

- Groundbreaking media event hosted on 8/30
- 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
- Project is fully contracted with the CMR



### 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.	Verify scope of work, value engineer scope and approval to move forward on reduced items.

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

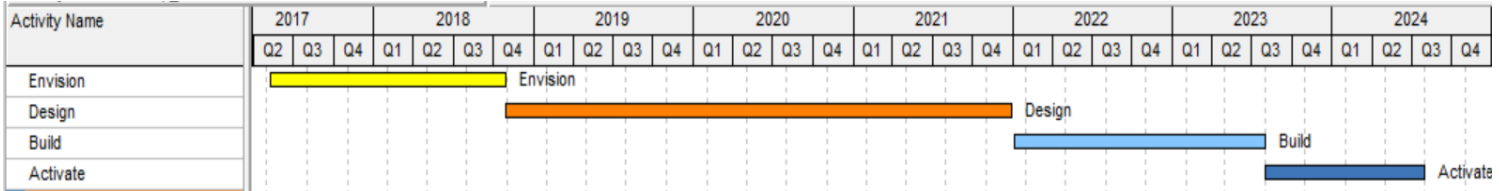
**Delivery Methods:**  
**Design:** Atkins  
**Construction:** JE Dunn & Flintco

**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
  - 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

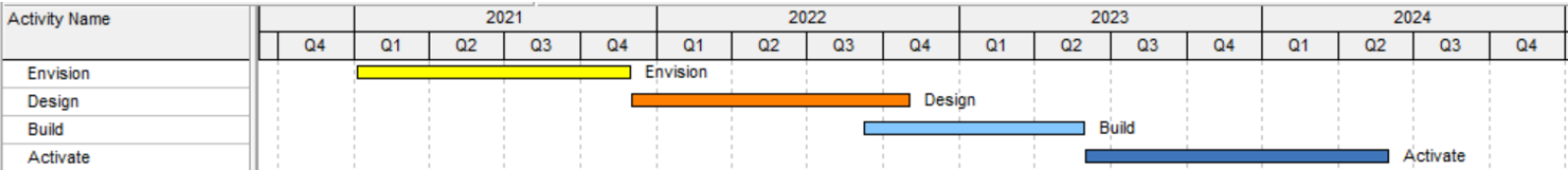
**Obligated:** \$3,820,000

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



- Status:**
- Long lead items late arrival will push Substantial Completion to late-September 2023 .
  - Escalators installed & tested, final finishes underway.
  - Gate 13 Exterior work to begin late August 2023 (est).

**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

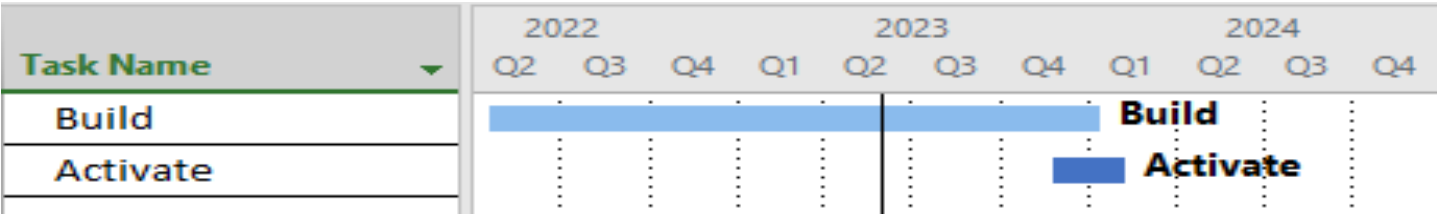
**Project Budget:** ~\$64M

**Status:**

- Neighborhood meeting scheduled for Sept. 23
  - Air Quality Monitoring Program baseline results shared to neighbors
- Continue building concrete dike walls around tanks
- Continuing to fabricate and install piping and pumps
- Continue with site grading and roads
- The Vehicle Service Road is now drivable but not complete
- Project early completion is anticipated for February 2024



**Project Schedule:**





# Existing Terminal Centralized Baggage Handling System Upgrades

**Sponsor** – Brian Long/Somer Shindler  
**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%*

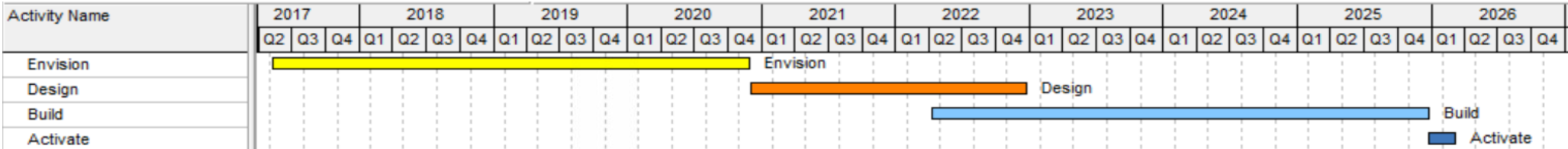
**Delivery Method:**  
Design-Build

**Contractor:** Whiting-Turner

**Designers:** Gensler, VTC BHS

**Project Budget:**  
**Spend-To-Date:** \$62,888,710  
**Obligated:** \$132,022,130  
**Total Budget:** \$238,000,00

## Project Schedule:



**Status:**  
**Tenant/Enabling** - All Tenants have been relocated.  
**Phase 1** – 100% Baggage Handling System Design Approved by TSA, Conveyor Installation is 50% in Bag Claim Ceiling and 100% in the CBIS/CBRA. Electrical Installation 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. 60% Design expected 10/1/23.  
**Budget:** Phase 1 on track, Phase 2 pending 100% drawings (redesign of bump out)

Thank You!

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