

# Airport Expansion Development Program

## Airfield Infrastructure

### Construction Manager at Risk (CMR)

### Solicitation No. CLMA046

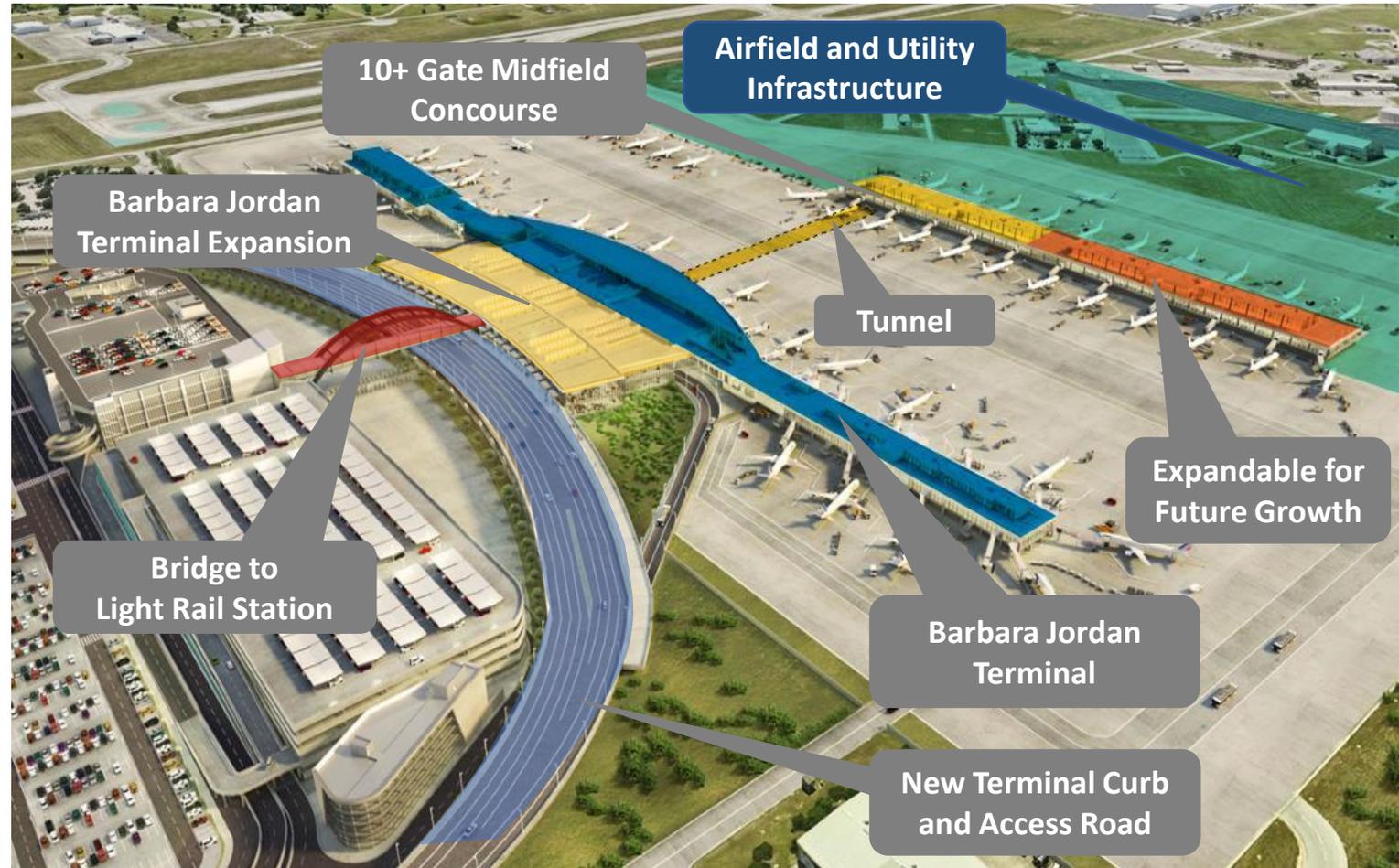


Austin-Bergstrom  
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# Airport Expansion Development Program (AEDP)- Major Elements

- Meet the air service needs of Central Texas
- Meet the needs of airlines serving the airport and region
- Maintain excellent passenger experience
- Provide flexible expansion for dynamic airline growth



Source: City of Austin Department of Aviation

# AEDP Anticipated Schedule

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
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**BJT Optimization**

- Baggage System Modernization
- Incremental Gate Capacity
- Additional Passenger Processing



**Infrastructure**

- Airfield Enhancements
- Utility Infrastructure



**Concourse B**

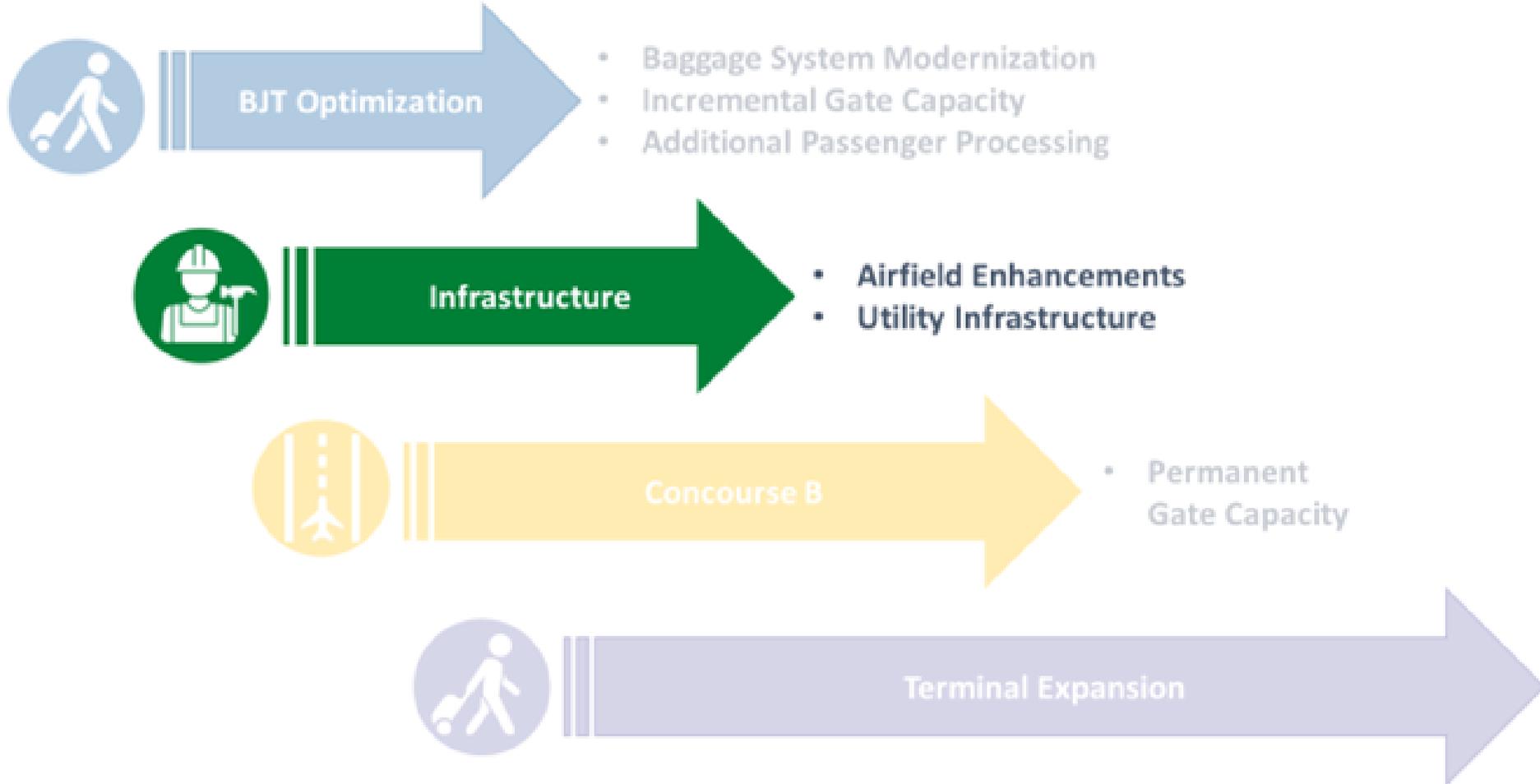
- Permanent Gate Capacity



**Terminal Expansion  
Bridge, New Curb and Roadway**

# AEDP Anticipated Schedule

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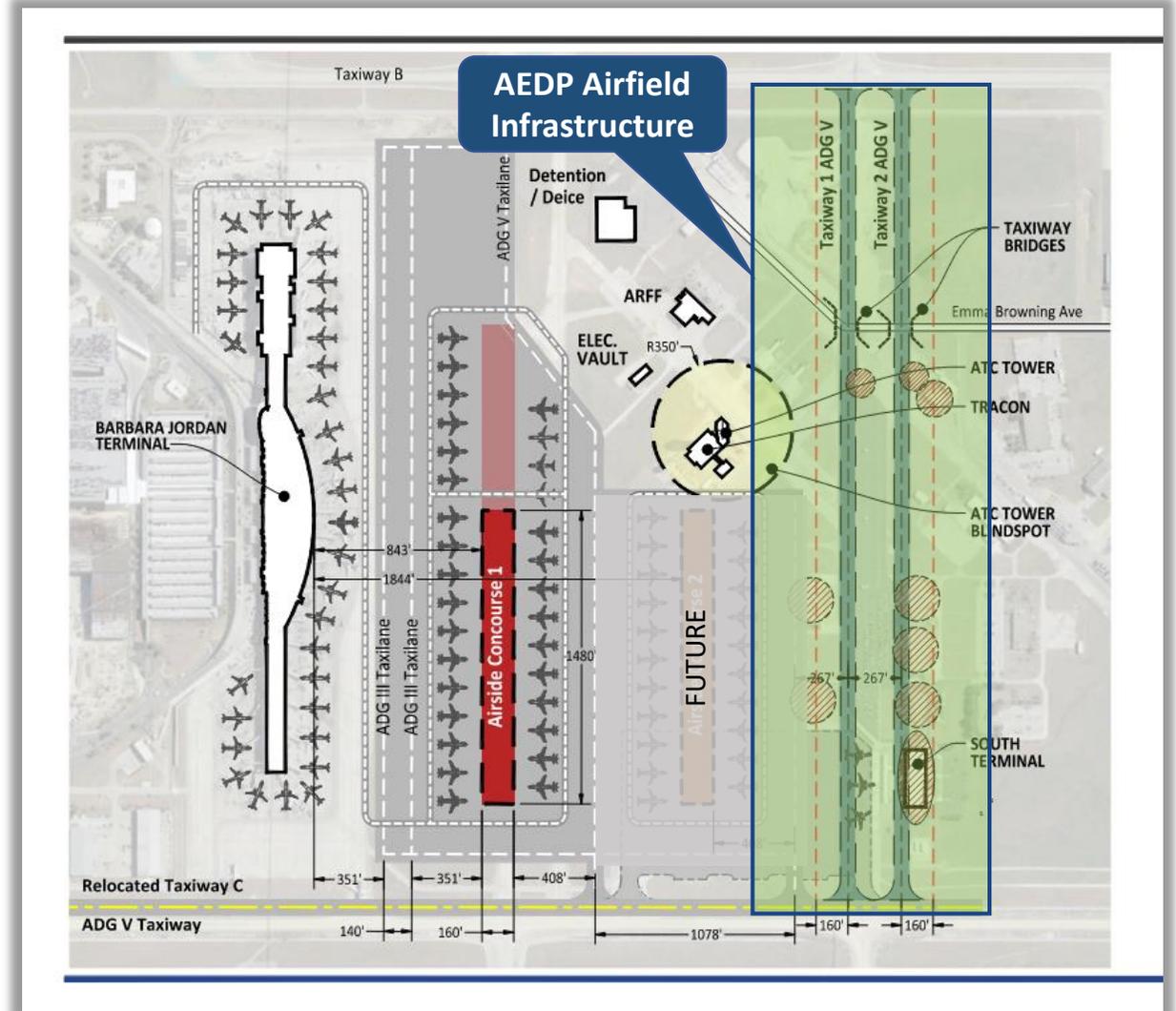


# AEDP Airfield Infrastructure Project

## Midfield Taxiways

The AEDP Airfield Infrastructure Project establishes new Airfield Design Group 5 midfield taxiways to provide increased connectivity between the east and west sides of the airfield and future concourses

- Pre-construction services/enabling
- Site preparations, building/infrastructure demolition
- Airfield utility infrastructure
- Taxiway bridges at Emma Browning Ave
- Airfield Design Group 5 (ADG V) midfield taxiways



Source : Evaluation of Mid-Field Taxiway Realignment, KSA 2020



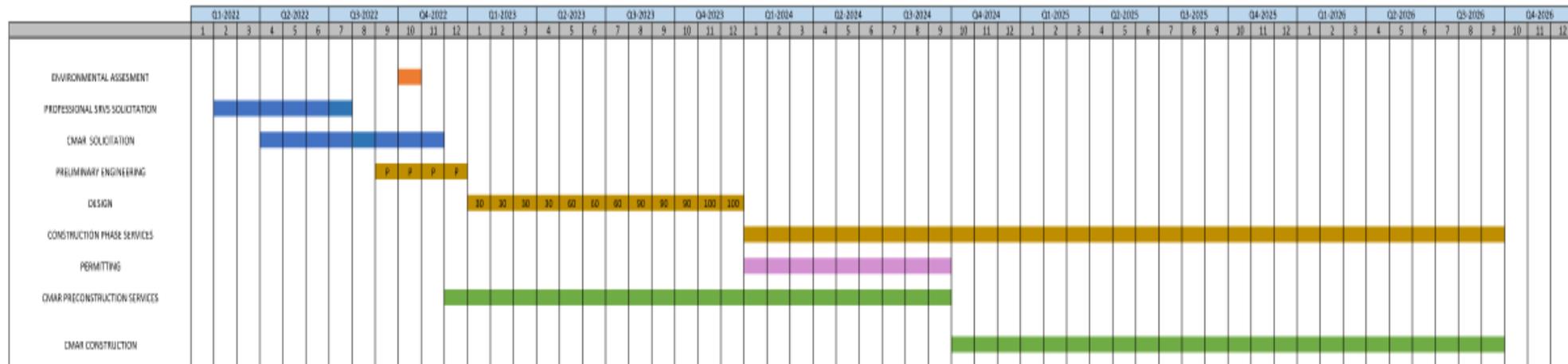
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# AEDP Airfield Infrastructure

## Overview Schedule

Phase	Start	Finish
Design Consultant Solicitation [Awarded]	1/22	8/22
CMAR Solicitation CLMA046	3/22	12/22
Design Phase	9/22	12/23
Permitting / GMP Development Phase	1/24	9/24
Construction Phase	10/24	10/26



# Preconstruction Services

- Value engineering
- Cost estimating
- Construction Scheduling
- Phasing Plans
- Constructability review
- Safety input and review
- Estimating
- DBE outreach
- GMP Development



# Initial Construction Scope

- Establish temporary construction including, office, utilities, haul roads, concrete production center.
- Demolish: building structures, abandoned foundations, fencing, roadway, airfield pavement and abandoned utilities within the project limits of construction.



# Airfield Scope

- Prepare subgrade, base materials,
- Construct concrete taxiway pavement and asphalt shoulder pavement
- Pavement Marking
- Construct aircraft rated taxiway bridges over Emma Browning
- Construct enhanced security fencing, security checkpoint with access control and utilities
- Reconfigure Emma Browning and construct airport service roads



# Electrical Scope

- Install airfield taxiway edge and centerline lighting fixtures and circuits, airfield signage, electrical vault improvements, install new regulators, S1 cut outs, control cabling and update airfield lighting control system
- Coordinate with Austin Energy modifications to primary power lines
- Modify secondary service to existing locations as needed (ramp lighting, water quality ponds)





# DBE Participation

- **Preconstruction Services**
  - DBE Participation 11.12%
  - CMR DBE Outreach Coordinator
- **GMP 1 Site Preparation, Demolition, Utility Relocation**
  - DBE Participation based on GMP scope
- **GMP 2 Taxiway, Bridge, Roadway**
  - DBE Participation based on GMP scope



# Next Steps

## AEDP Airfield Infrastructure

- **Council Award & Contract Execution**
  - CMR Solicitation No. CLMA046 165M
  - RCA scheduled for September 1, 2022 Council
- **AAC Project Status Updates**
  - Design consultant approval June 16, 2022
  - Contract negotiation and execution July/August 2022
  - Preliminary Engineering Report expected Q1 2023

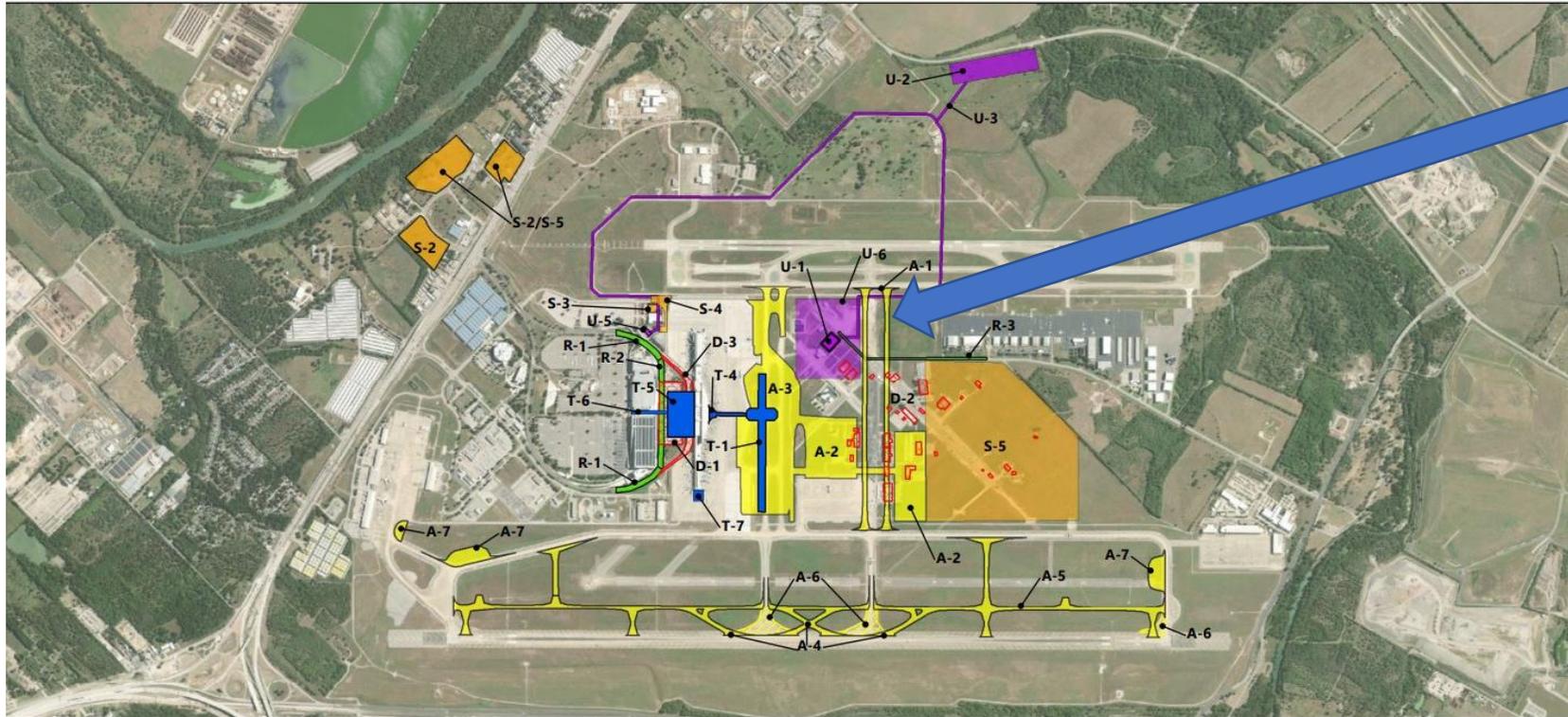
# QUESTIONS



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# AUS Overall Development - EA



**A-1 Relocation of Midfield Taxiways**

## Legend

### Airfield

- A-1 Relocation of Taxiways H and J
- A-2 New RON Apron
- A-3 Concourse B Apron and Airfield Connections
- A-4 Runway 17R-35L Rapid Exit Taxiways
- A-5 New Taxiway D
- A-6 Demolition of Airfield Pavement
- A-7 Other Airfield Pavement
- A-8 Taxiway Lighting and Signage (Not Pictured)

### Terminal

- T-1 New Concourse B
- T-2 New Concourse B Loading Bridges (Not Pictured)
- T-3 New Ramp Tower (Not Pictured)
- T-4 Connector to Concourse B
- T-5 New/Expanded Arrival/Departure Hall
- T-6 Pedestrian Bridge to CONRAC/Parking Garage
- T-7 BJT West Concourse Gate Expansion

### Facility Demolition

- D-1 Existing Parking Garage
- D-2 South Buildings
- D-3 Existing Terminal Upper Roadway

### Roadways

- R-1 Upgrade Existing Access Roadway Network
- R-2 New Terminal Curbside Roadway

### Service

- S-1 Hydrant Fueling System for Concourse B (Not Pictured)
- S-2 New Employee Parking Lot
- S-3 Catering Facility
- S-4 New Checkpoint Alpha Guard Shack
- S-5 Construction Laydown Zone

### Utilities and Infrastructure

- U-1 New Central Utility Plant
- U-2 New Austin Energy Substation
- U-3 New Electrical Ductbanks
- U-4 South Campus Stormwater Infrastructure (Not Pictured)
- U-5 Existing Central Utility Plant Rehabilitation or Replacement
- U-6 Utility Zone