

# Airport Expansion & Development Program

June, 1 2021



Austin-Bergstrom  
International Airport



# Presentation Overview

- Existing Airport Facilities
- AUS Strategic Aim
- Recovery Profile
- Re-strategized Airport Expansion & Development Program
- Airport Expansion & Development Program Implementation



# Existing AUS Facilities



- 4,242 acres owned by the City of Austin
- Two wide-spaced parallel runways, simultaneous landings and takeoffs
  - 18L-36R-9,000 ft. - *CAT III B* runway
  - 18R-36L-12,250 ft.
- 34 gate passenger terminal – 1,000,000+ sq. ft.
- Three FBOs (General Aviation): 200+ based aircraft
- 25 acre cargo apron
- 40 acre Texas National Guard installation

# AUS Strategic Aim



**Our Vision:** Gateway to the world for all — the AUS way every day.

**Our Mission:** To provide safe journeys to the world, economic opportunity to our community, and be the employer of choice.

**Our AUS Promise:** We commit to put people first and provide a safe and enjoyable experience for all AUS guests, employees, and partners.



City of Austin Strategic Direction 2023 (SD23)

Getting us where we want to go, when we want to get there, safely and cost effectively.

PROGRAM PURPOSE:

## To meet demand to fly AUS.

### Welcoming gateway to the world for all

- Reliable air service for Central Texas and global travelers
- Reflect local food, music, art, technology, and the “Austin vibe”

### Economic Opportunity and Community Benefit

- Economic vitality in our local community and communities of color with investment, jobs, and inclusive business opportunities
- Sustainable for years to come

### Safe, convenient travel experience

- Efficient design to provide “easy in-easy out” journey
- Increase connectivity for multi-modal options to and from airport
- Minimize inconveniences during construction with enhanced customer care and wayfinding



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# Investing in the Future

## The AUS Airport Expansion & Development Program (AEDP)

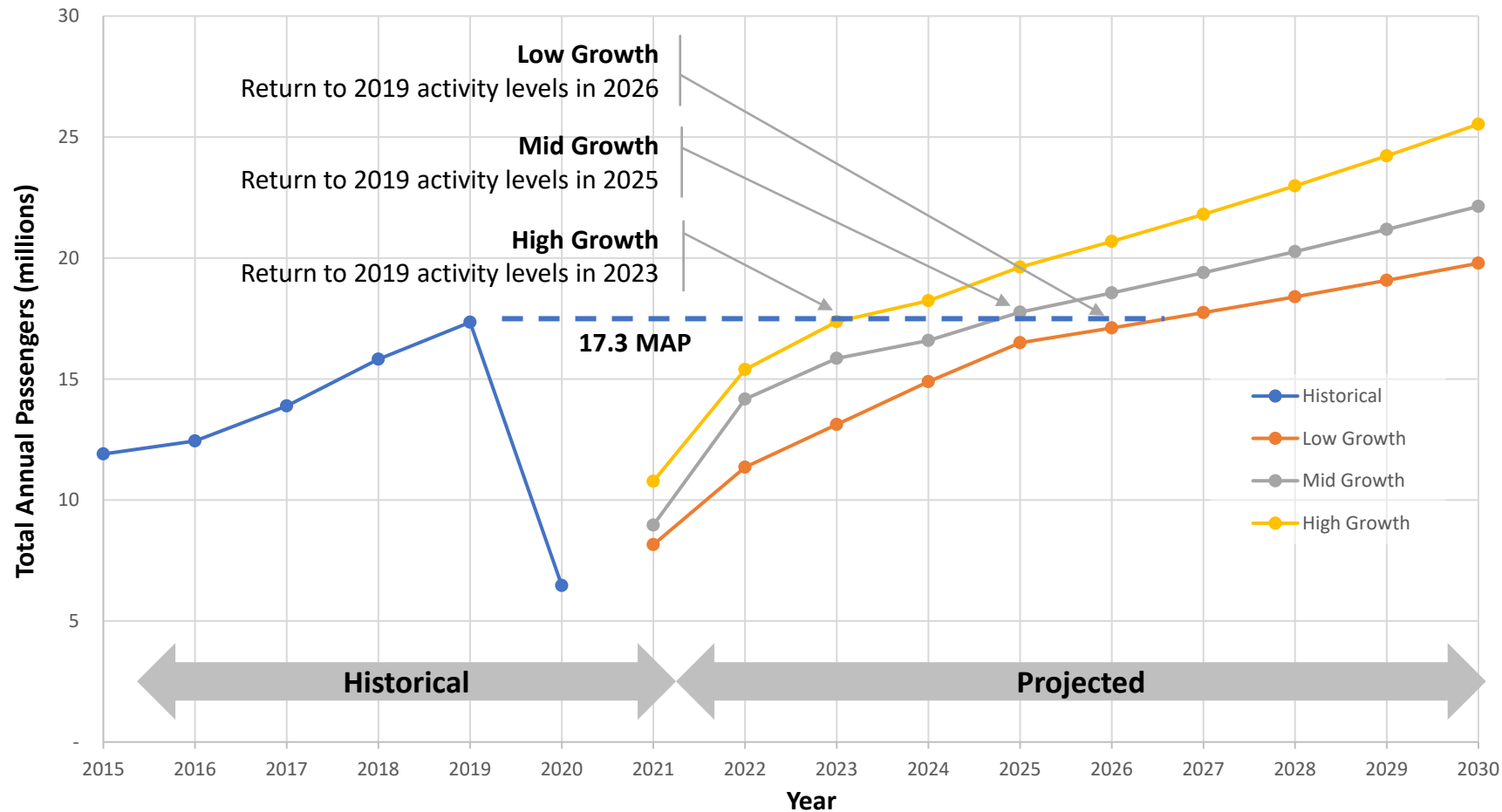
- Scalable to meet the demand capacity of our City and AUS airline partners
- Supports Austin's growing economy
- Provides opportunities for small and local businesses
- Re-strategized to meet Recovery Profile
- Fulfills the vision of the 2040 Master Plan

## Strategic Approach

- Optimize existing Barbara Jordan Terminal – modernize and innovate passenger processing
- Enable future expansion – utility and airfield infrastructure
- Develop a new midfield concourse to meet long-term growth and demand



# AUS Recovery Profile



Source: City of Austin Department of Aviation

## Growth Profile Summary

**High Growth** follows an industry projected growth profile

**Mid Growth** follows business and international passenger return 20% slower than domestic/leisure

**Low Growth** follows a standard planning profile – Rebound starts in Q3 2021 through Q2 2022



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# Airport Expansion and Development Program



# Long-range Airport Program

New Concourse B

Optimize  
Barbara Jordan  
Terminal

Future Roadway  
and Landside  
Improvements

Future Barbara  
Jordan Terminal  
Expansion

# Airport Expansion & Development Program

Optimize Barbara Jordan Terminal

Enable Processing, Airfield  
and Utilities Infrastructure

Develop  
New Midfield Concourse

## Optimize Barbara Jordan Terminal

### Gates, Ticket Counters and Processing

- Existing Baggage Handling System (BHS)
- Ticket lobby modernization-technology
- Environmental Assessments
- Interim gate capacity
- Pre-construction, preliminary, conceptual, and schematic design for AEDP

## Demand Capacity Initiatives Enabling Infrastructure

- Passenger processing improvements
- Apron and airfield improvements/connections
- Upgrade utility infrastructure
- Demolition, storm water, and environmental site preparation

## New Midfield Concourse

### Additional Gates and Concessions \*

- New midfield concourse (10+ gates)
- Passenger connector (below grade)
- Utility and baggage tunnel

\* Subject to Passenger Activity Triggers



# Airport Expansion & Development Program



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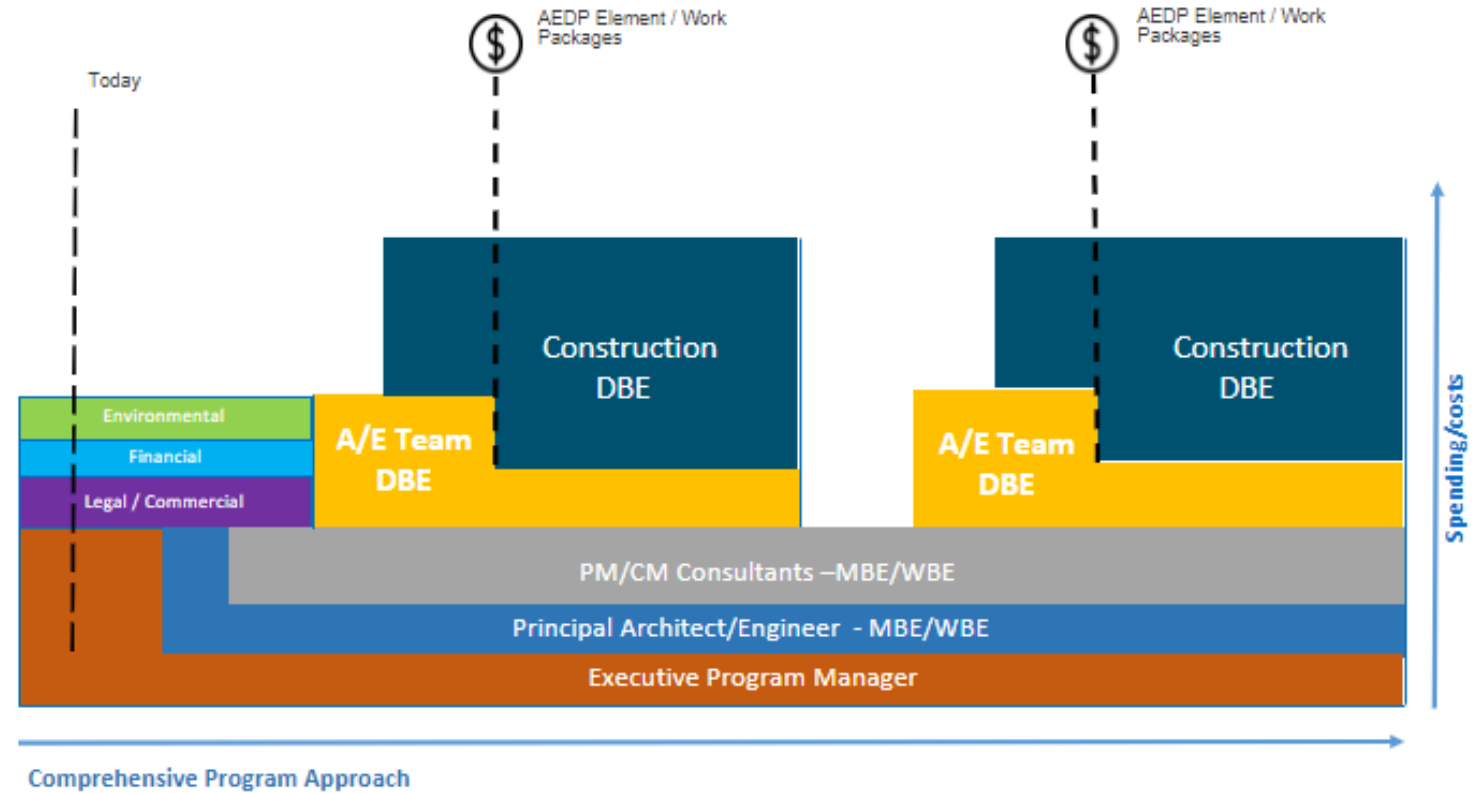


# Airport Expansion & Development Program



# Airport Expansion & Development Program Implementation

1. Environmental/Financial/Legal/Commercial
2. Executive Program Manager
3. Principal Architect/Engineer
4. PM/CM Consultants
5. A/E Team (by AEDP Element)
6. AEPD Construction (Design-Build/CMR)



# New Professional Service Opportunities

# Professional Services Needed

## Principal Architect/Engineering

- Programming and Initial Design

Procurement: Summer 2021

- Provide facility programming and initial design & engineering
- Integrated, multi-disciplinary specialty/technical expertise

## PM/CM Consultant Support

- Project Management, Project Controls, Risk Management, QA/QC & Construction Management

Procurement: Winter/Spring 2022

- Provide program implementation and delivery professionals to augment existing resources
- Integrated management, project controls, quality & safety and coordination

**Staggered procurement to support near-term professional service needs of AUS  
Airport Expansion & Development Program**



# Principal Architect/Engineer

## Prime Contract – Integrated, multi-disciplinary, specialty/technical expertise

Programming and Initial Design —Terminal and Airside Area

Procurement: Summer 2021

- AUS is seeking a Principal Architect/Engineer to act as our lead planning, programming and initial design team to assist with the implementation of select, major AEDP elements and various airport initiatives
- Services include but are not limited to:
  - Planning, programming and initial design for major elements of the AEDP:
    - Determine size and relevant quantity recommendations for the AEDP elements
    - Analysis-Alternatives of AEDP Elements
    - New passenger gates
    - Associated apron/aircraft parking
    - Enabling projects
    - Airfield improvements
    - Utility infrastructure
    - Light rail right-of-way & station integration
  - Cost estimation
  - Scheduling, phasing and design packages



# PM/CM Consultant Support

## Prime Project/Construction Management Contract

Project Management, Project Controls, Risk Management, QA/QC and Construction Management  
Procurement: Early 2022

### Services include but are not limited to:

- Project management
- Design and construction management
- Construction and logistics management
- Communications and branding
- Public engagement
- Contract management
- A&E subject matter expertise
- Performance management
- Operational Readiness and Transfer (ORAT)
- Project controls/document management/monthly reporting
- Risk management
- Cost estimating/scheduling
- Construction inspection and safety
- Contract and grant administration
- Document review
- Change management
- Financial analyses/reporting
- Quality assurance/quality control



**Thank You**

**Questions?**