

Airport Expansion and Development Program

Update to
AAAC

September 14, 2021



Austin-Bergstrom
International Airport



Overview

Airport Expansion and Development Program (AEDP)

- Grant Strategy
 - The Infrastructure Investment and Jobs Act
 - What does this mean for Airports
 - Application Criteria
- AEDP Grant Eligible Projects
- Focus projects:
 - Terminal Optimization, Baggage Handling System, Airline Ticketing and Passenger Processing Projects
 - New Concourse B
- AEDP Upcoming Council Action Items

Long-range Airport Program

An aerial rendering of a large airport terminal complex. The terminal is a long, multi-story building with a curved roofline. To the left of the terminal is a large parking lot filled with cars. To the right is a tarmac area with many airplanes parked at gates. A red line with arrows points from the 'Future Roadway and Landside Improvements' box to the road and parking area. A blue line with arrows points from the 'Future Barbara Jordan Terminal Expansion' box to the main terminal building. Another blue line with arrows points from the 'Optimize Barbara Jordan Terminal' box to a section of the terminal. A blue line with arrows points from the 'New Concourse B' box to a new wing of the terminal. A blue line with arrows points from the 'Utilities and Airfield Infrastructure' box to the airfield area in the background.

Utilities and
Airfield
Infrastructure

New Concourse B

Optimize
Barbara Jordan
Terminal

Future Roadway
and Landside
Improvements

Future Barbara
Jordan Terminal
Expansion

AEDP Grant Strategy



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The Infrastructure Investment and Jobs Act

- **Airport Infrastructure Grants**
 - \$3 billion/year for 5 years
 - Formulaic allocation with a few specific set-asides
 - PFC-project eligibility criteria apply
- **Airport Terminal Program**
 - \$1 billion/year for 5 years
 - Competitive allocation within hub categories
 - Limited to terminal projects

What does this mean for Airports

- Use or lose funding provisions will drive focus on “shovel ready” projects
 - Planning is complete
 - Project on an approved ALP
 - Environmental review underway
- Terminal program priorities broaden set of projects for consideration
- Local share requirements still need to be considered
 - Minimum local shares range from 5% to 25% of project costs depending on hub classification, program, and project type
- Collaboration with the FAA is critical essential to success
 - Clear implementation guidance
 - Straightforward application and compliance processes
 - Early and frequent airport engagement
 - Need for sponsor empowerment

The Infrastructure Investment and Jobs Act

Consideration to be given to projects that:

1. Increase capacity and passenger access
2. Replace aging infrastructure
3. Achieve compliance with the Americans with Disabilities Act/ expand accessibility for persons with disabilities
4. Improve airport access for historically disadvantaged populations
5. Improve energy efficiency, including upgrading environmental systems, upgrading plant facilities, and achieving Leadership in Energy and Environmental Design (LEED) accreditation standards
6. Improve airfield safety through terminal relocation
7. Encourage actual and potential competition

Grant Eligible Projects



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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



Optimize Barbara Jordan Terminal

Four significant elements to increase capacity and enhance operations

Phase A Elements

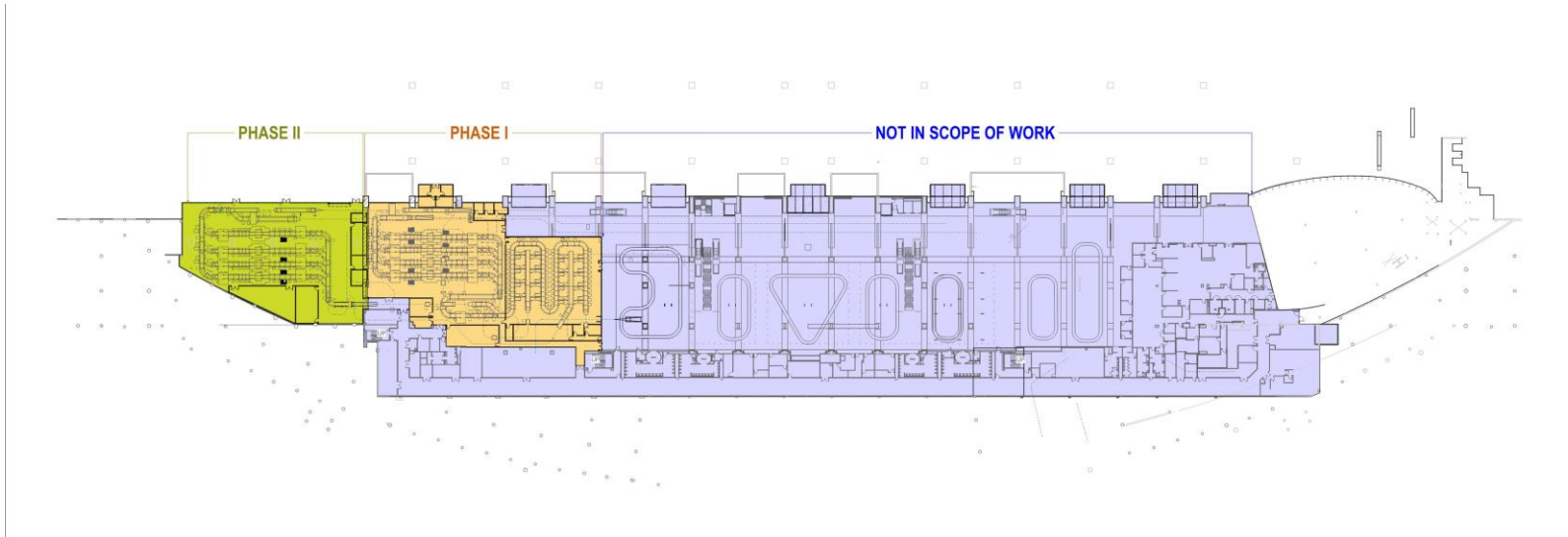
- New passenger screening capacity
- New gate capacity, east and west
- New checked bag screening system
- Ticket counter expansion



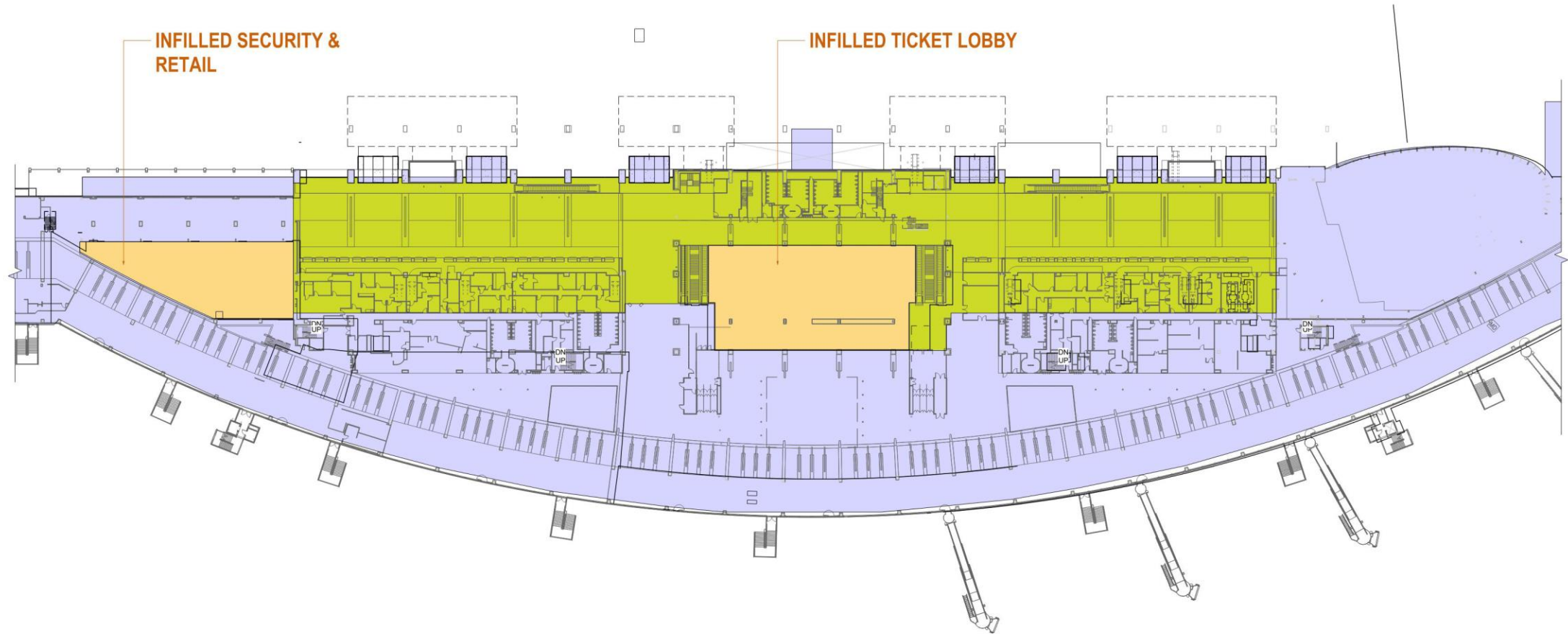
Source: City of Austin Department of Aviation

Checked Bag Inspection System

- Passenger Activity Recovery
- Significant Increase in Summer Leisure Travel
- Major Airline Schedule Increases
- Triggered Need for Full System Build-out



Ticket Lobby Optimization

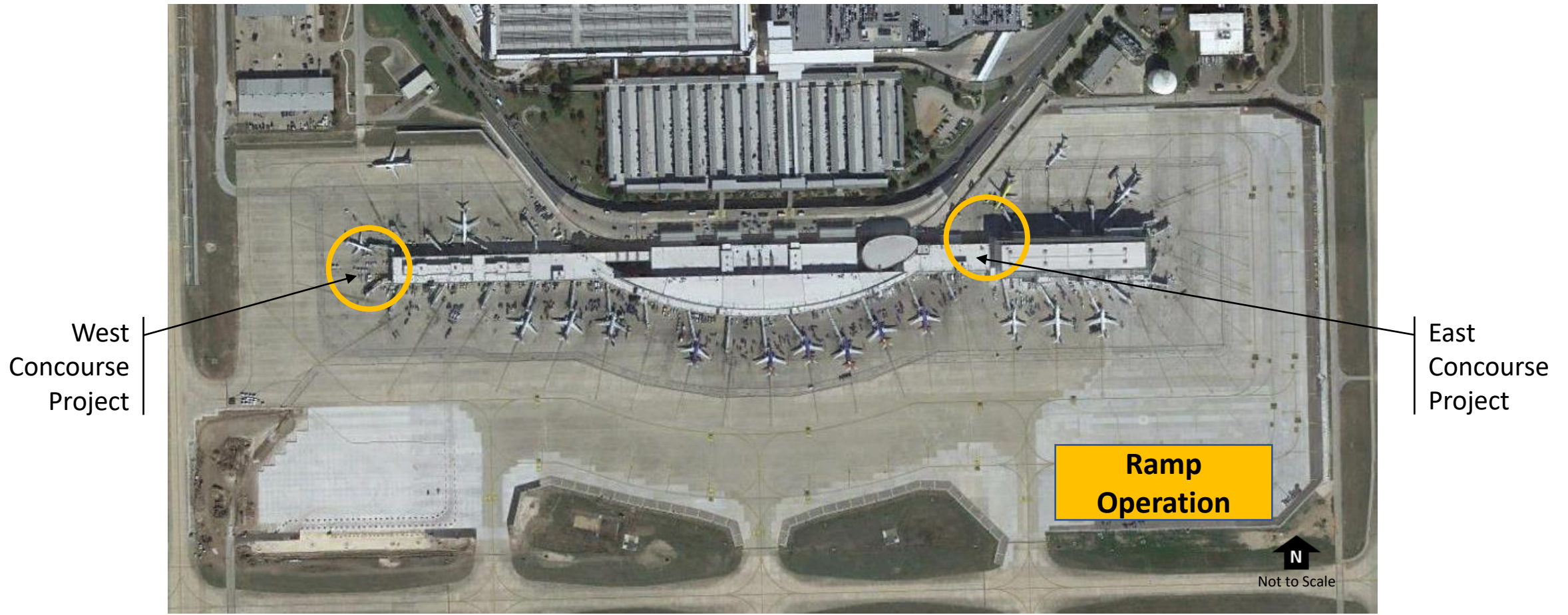


Infill Ticket Lobby



Gate Capacity Expansion

Barbara Jordan Terminal



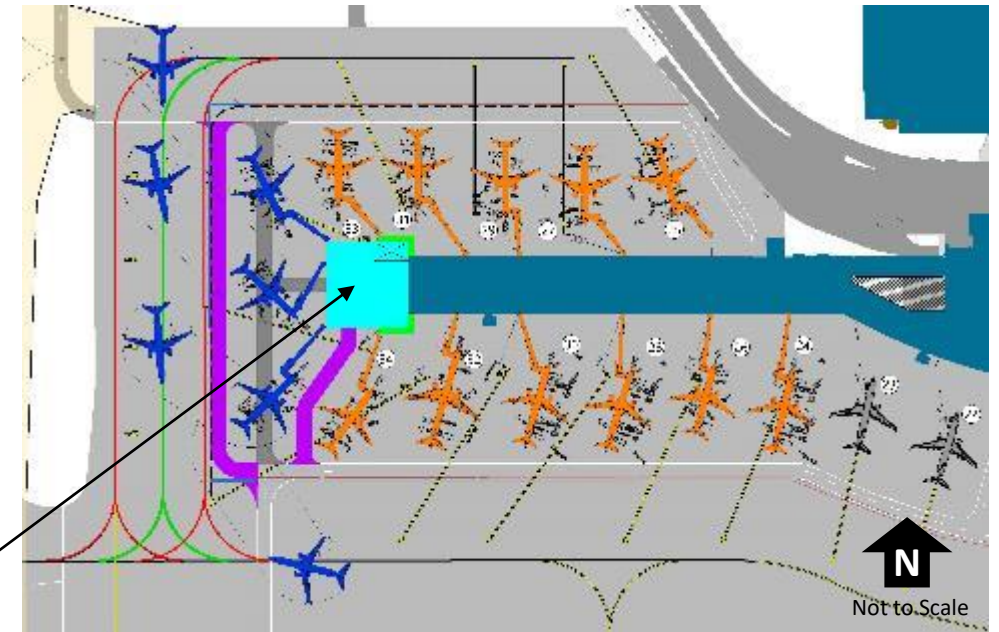
West Concourse Extension

- Initiated design scoping with Professional Service Team selected from AUS rotation list
- Received City Council approval for Construction Manager at Risk construction method on June 29, 2021

New Concourse Level Holdroom

Net 3 new contact gates with loading bridges

20,200 square foot
concourse extension



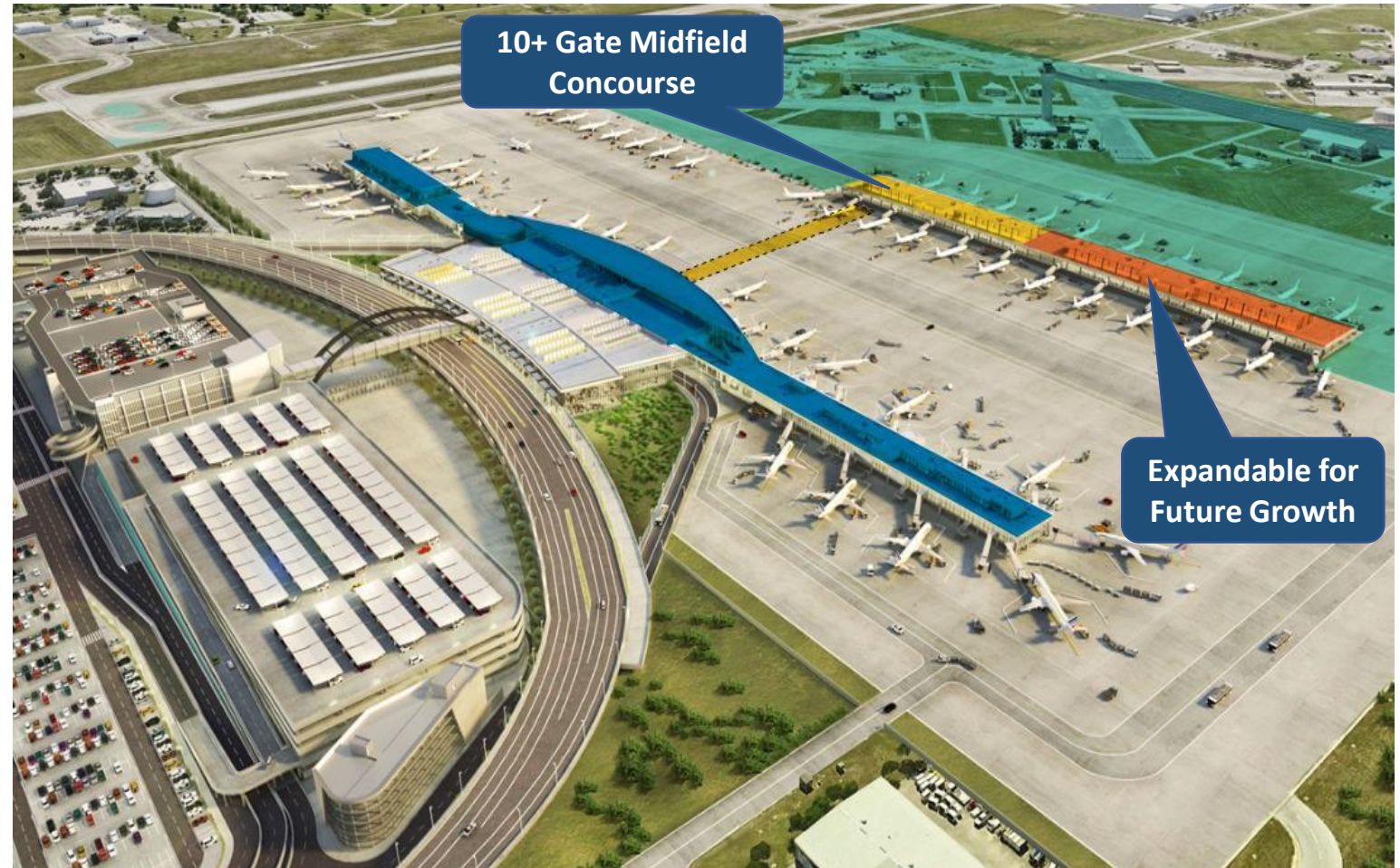
Source: City of Austin Department of Aviation

New Concourse B

Program scope and budget for Concourse B are currently in development

Phase B Major Elements

- New 10+ gate Concourse B
- Underground Tunnel connecting Barbara Jordan Terminal with Concourse B
- Expanded utilities and airfield infrastructure



Source: City of Austin Department of Aviation

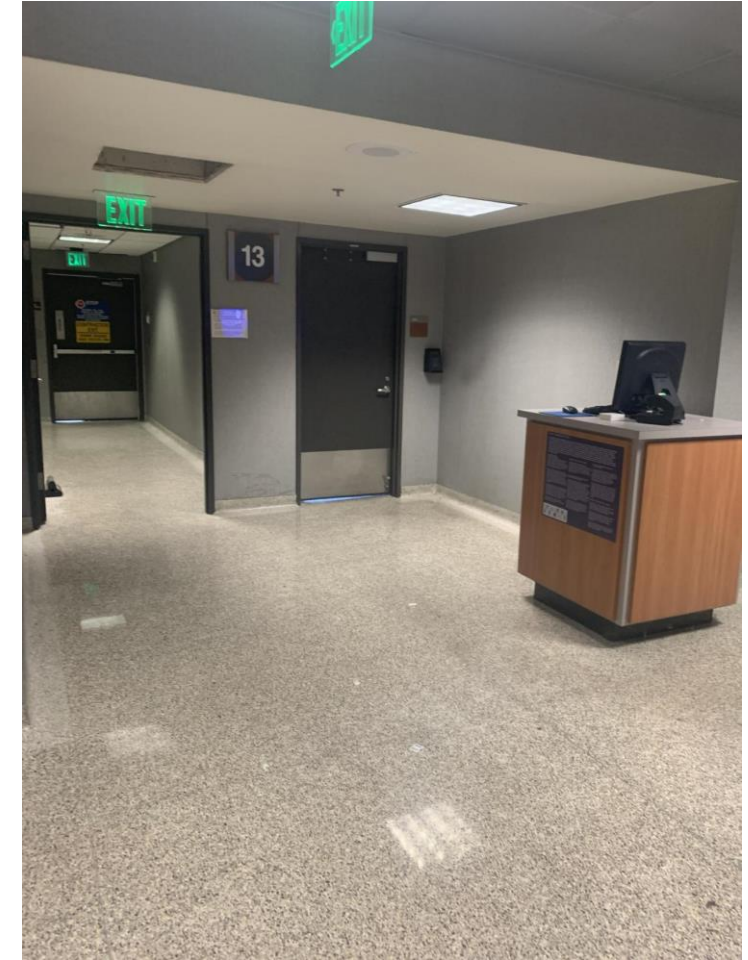
Upcoming Action Items



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Gate 13 Improvements-JOC Request



Indicative Schedule of Future City Council Action Items

Future action items that will assist in meeting AEDP implementation schedule

October 21, 2021

- Request Job Order Contractor Delivery for Gate 13 escalator installation and related improvements
- Seek Construction Manager @ Risk Civil for Airfield Construction

November 2021

- Seek RCA approval Whiting Turner for final design and construction services budget related to the CBIS components of the Baggage Handling System
- DATE TBD - Future RCA approval will be requested for the Airline Ticketing and Passenger Processing components of the Baggage Handling System

December 2021

- Seek RCA approval for the award of Successful Proposer for Principal Architect Professional Services Team