

Airport Expansion and Development Program

Update to Airport Advisory Commission

August 10, 2021



Austin-Bergstrom
International Airport



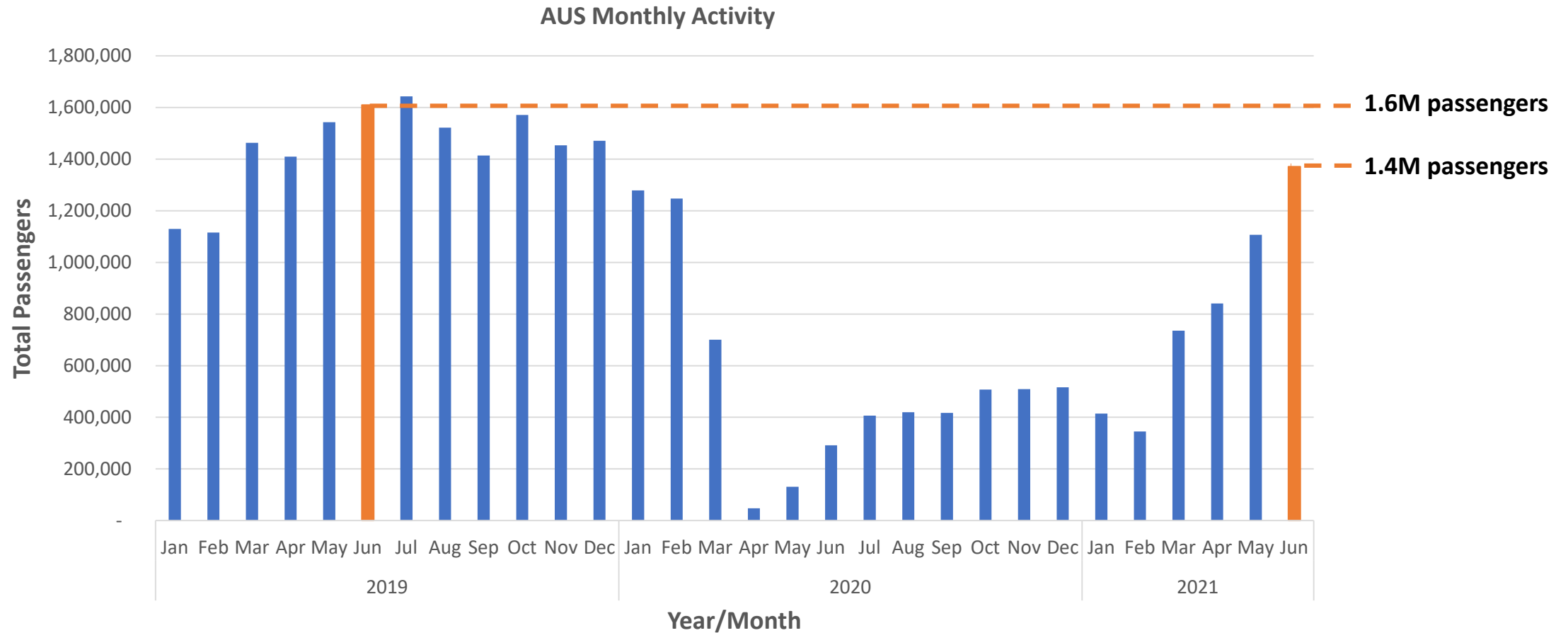
Overview

Airport Expansion and Development Program (AEDP)

- AEDP Program Elements
- Recap of Recent AEDP Actions
- Focus projects:
 - Midfield Cross Taxiways
 - Baggage Handling System, Airline Ticketing and Passenger Processing Projects
- Upcoming Council Action Items
- Questions, Comments & Discussion

AUS Activity is on the Rebound

Significant passenger activity growth last 4 months



Source: City of Austin Department of Aviation

AEDP Program Elements



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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

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**

Recap of Recent AEDP Actions



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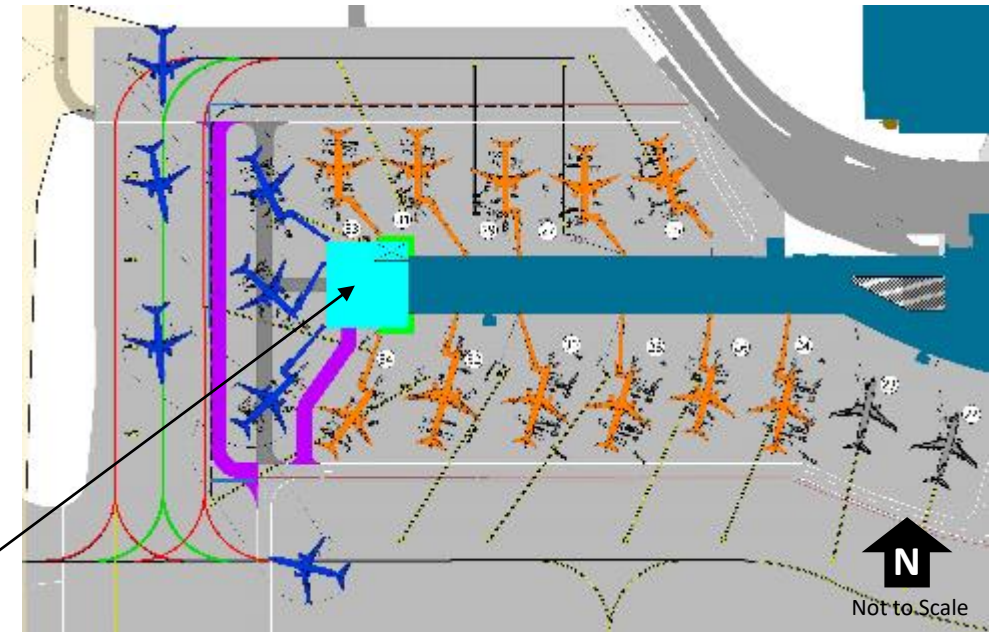
West Concourse Extension

- 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

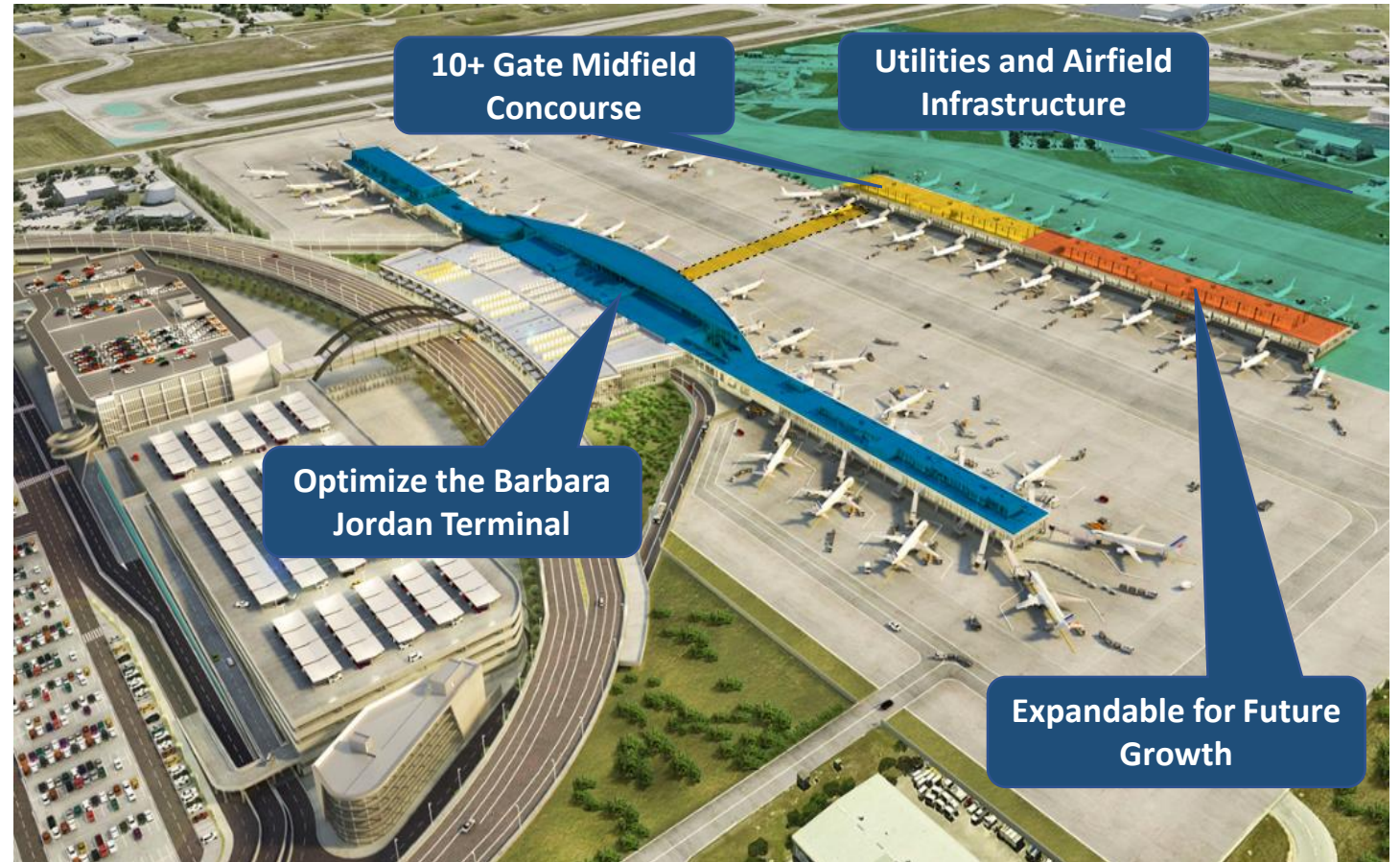
20,200 square foot
concourse extension



Source: City of Austin Department of Aviation

Environmental Assessment

- Publicly announced the Environmental Assessment
- Established Public Scoping Meeting date September 9, 2021
- Alternative analysis and environmental impact category studies

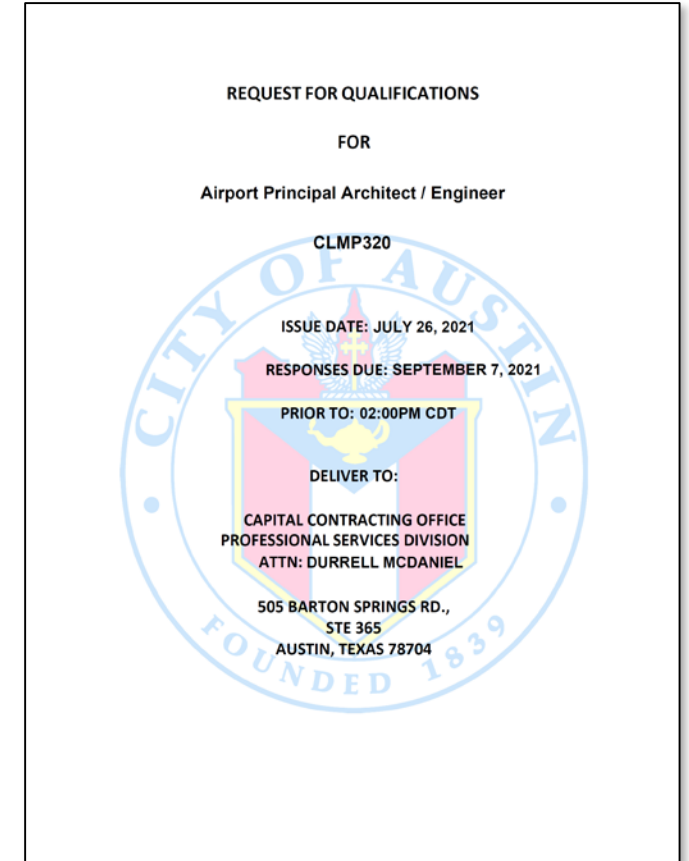


Source: City of Austin Department of Aviation

Airport Principal Architect/Engineer

Consultant will provide a wide range of architectural and engineering services to support the AEDP

- Released RFQ – July 26, 2021
- Pre-proposal meeting with interested firms- August 6, 2021
- Continued preparation for review of submittals
- Submittals due – Sept. 7, 2021



Focus Project: New Midfield Cross Taxiways



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New Midfield Cross Taxiways

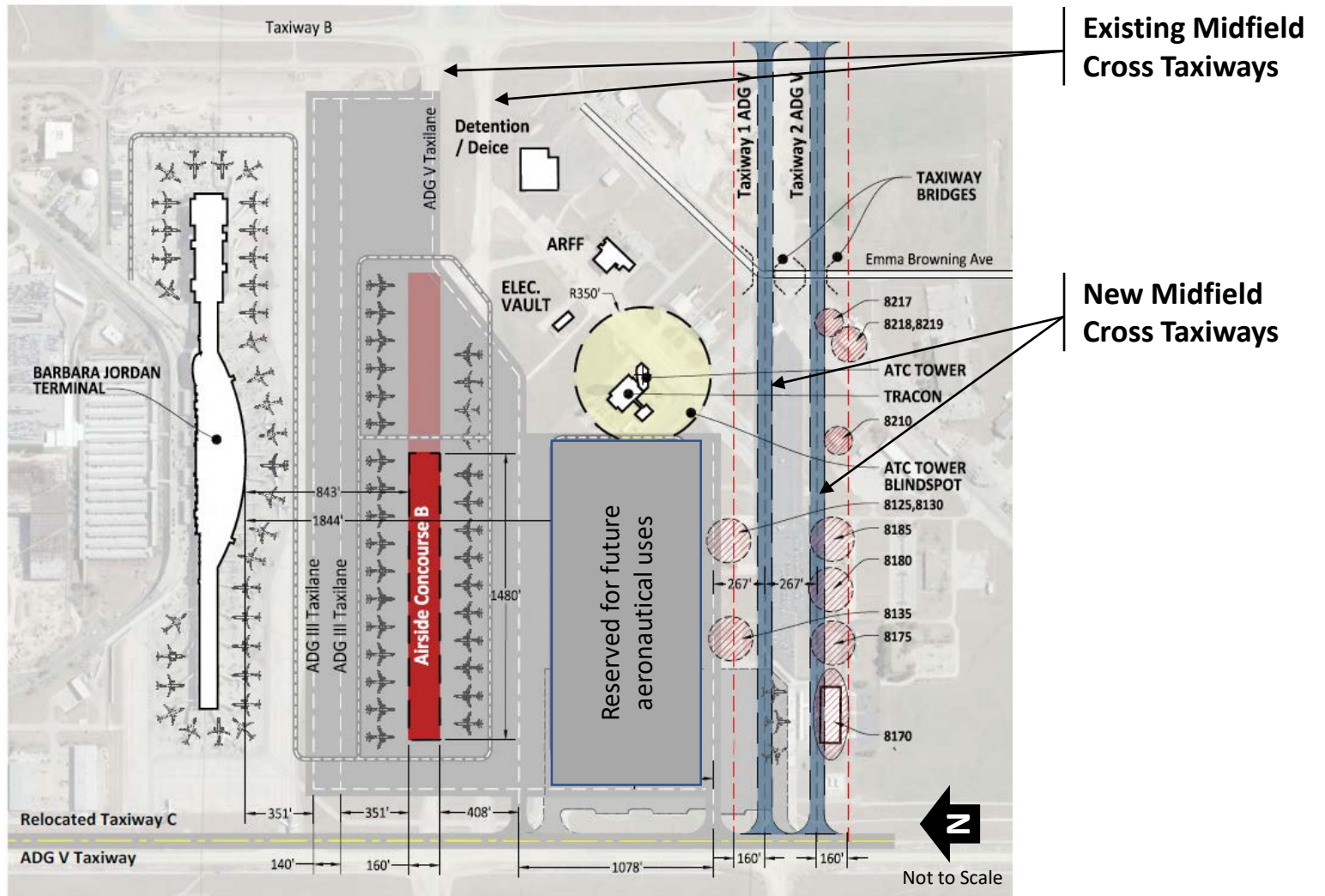
Existing cross taxiways will be displaced by Concourse B

Alignment of future midfield cross taxiways:

- AUS Airport Layout Plan approved by FAA in 1999
- Validated by independent consultants in 2019

Alignment provides optimal:

- Safety
- Operational efficiency
- Cost
- Long-term utility
- Terminal development platform



Source: City of Austin Department of Aviation

Midfield Cross Taxiways Project Approach

Taxiways must be completed prior to construction of Concourse B to maintain cross-airfield accessibility

- **Rotation list design team to provide site preparation design and establish initial design parameters**
- **Future procurement of design team for full design of taxiway system (subject to approvals)**
- **Future procurement of Construction Manager at Risk contractor (subject to approvals)**

Upcoming Action Items



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Indicative Schedule of Future City Council Action Items

Future action items that will assist in meeting AEDP implementation schedule

November 2021

- Seek RCA approval Whiting Turner for final design and construction services budget related to the Baggage Handling System, Airline Ticketing and Passenger Processing Projects
- Seek RCA approval for Construction Manager at Risk procurement method for Midfield Cross Taxiways project delivery

December 2021

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

Update from Whiting Turner Team



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Design-Build Team Structure

- Whiting-Turner/Gensler Team Intro
 - Listing of all team members



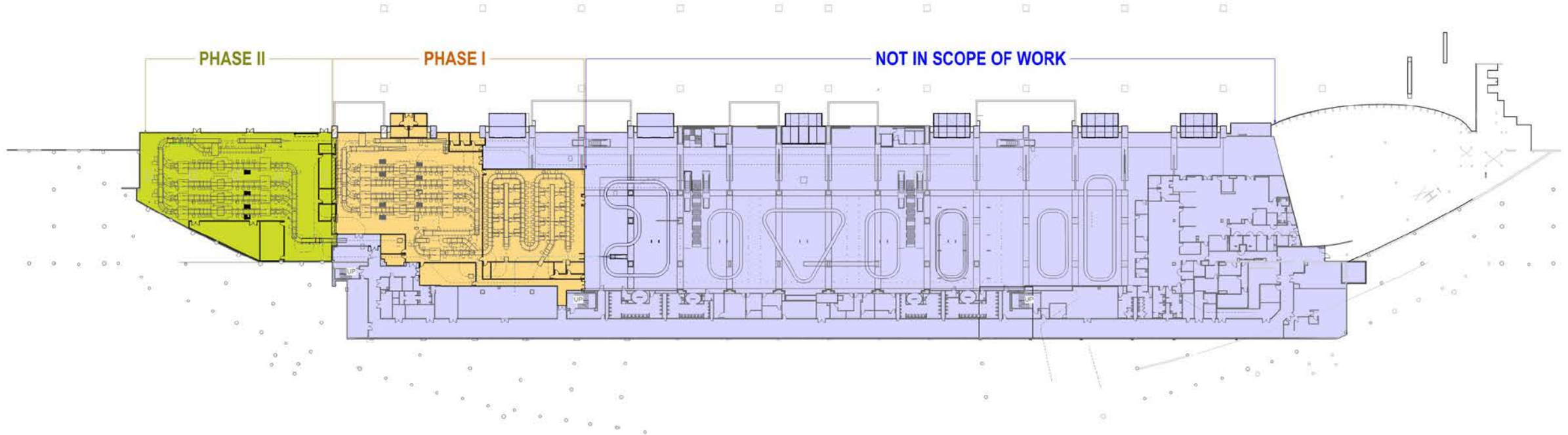
Stakeholder Engagement

- Airlines
- TSA
- ABIA Staff
 - Executive Leadership
 - Operations
 - Tenants
 - Concessions

Original Scope of Services

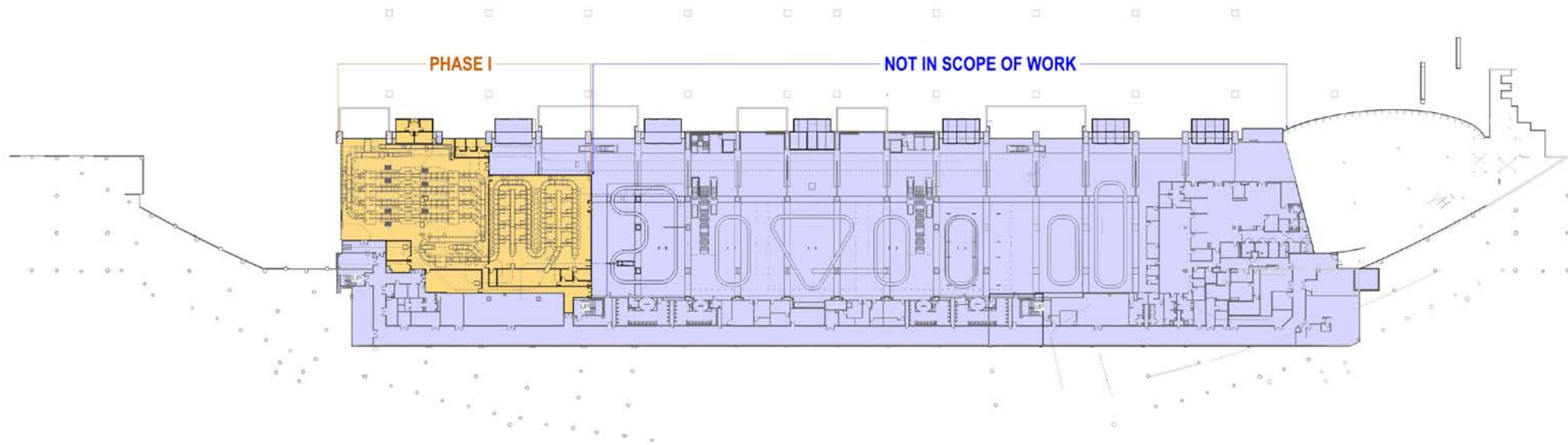
- **Intro to Original Pre-Covid Scope of Work**
 - Checked Baggage Inspection System (CBIS) Upgrades
 - Passenger Level Driven
 - Included Full Build Out of Entire System

Original Scope of Services - 2019



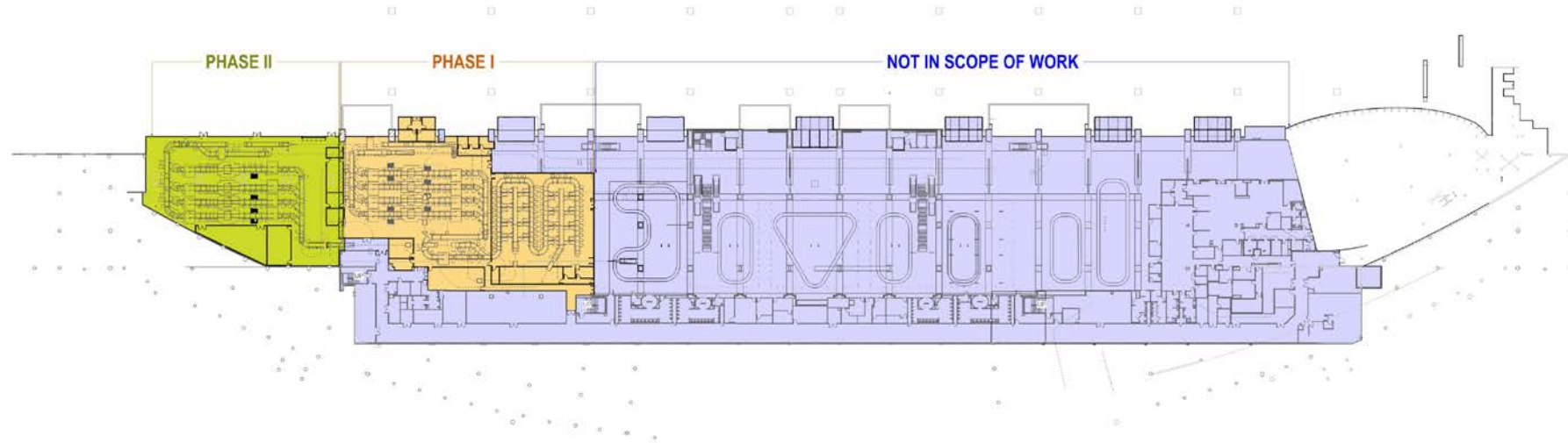
Phase 1 CBIS Design

- **Phase 1**
 - Covid Impacts over 18 Months
 - Drove Reduced CBIS Size
 - Developed Inflection Point to Determine When Phase 2 is Developed

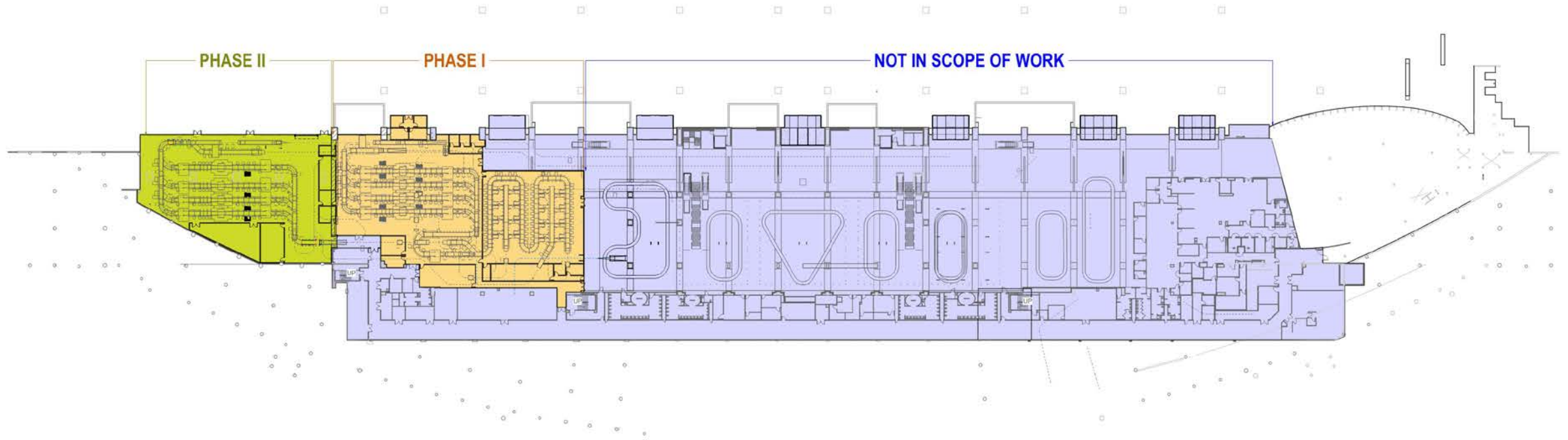


Phase 2 CBIS Design

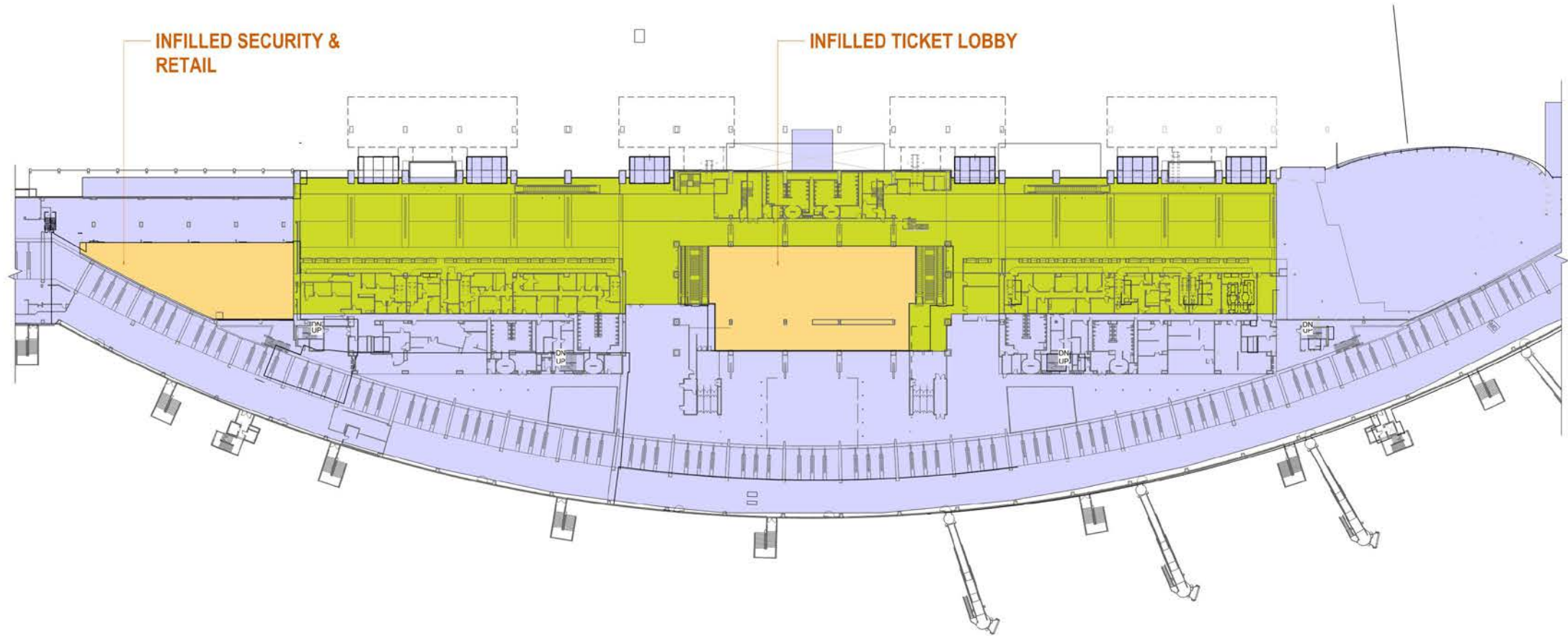
- **Phase 2**
 - Passenger Activity Recovery
 - Significant Increase in Summer Leisure Travel
 - Major Airline Schedule Increases
 - Triggered Need for Full System Build-out



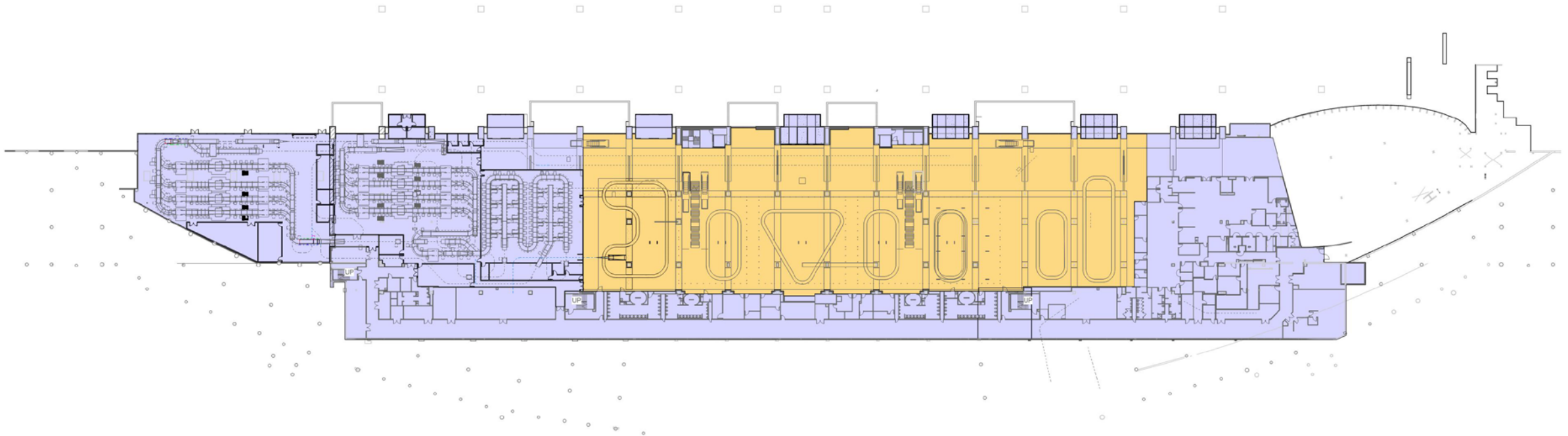
Phase 2 CBIS Design - 2021



Ticket Lobby Optimization



Baggage Claim Optimization



Follow progress of
the program at
AustinTexas.gov/AEDP

**Questions,
Comments
& Discussion**

**AEDP Contracting &
Business Opportunities**
AustinTexas.gov/AEDP-Business



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