



# CONCOURSE EXPANSION UPDATE

FEBRUARY 23, 2022

STU WILLIAMS, SENIOR VICE PRESIDENT AIRPORT EXPANSION  
DENVER INTERNATIONAL AIRPORT

# REQUESTED COUNCIL ACTION & AGENDA



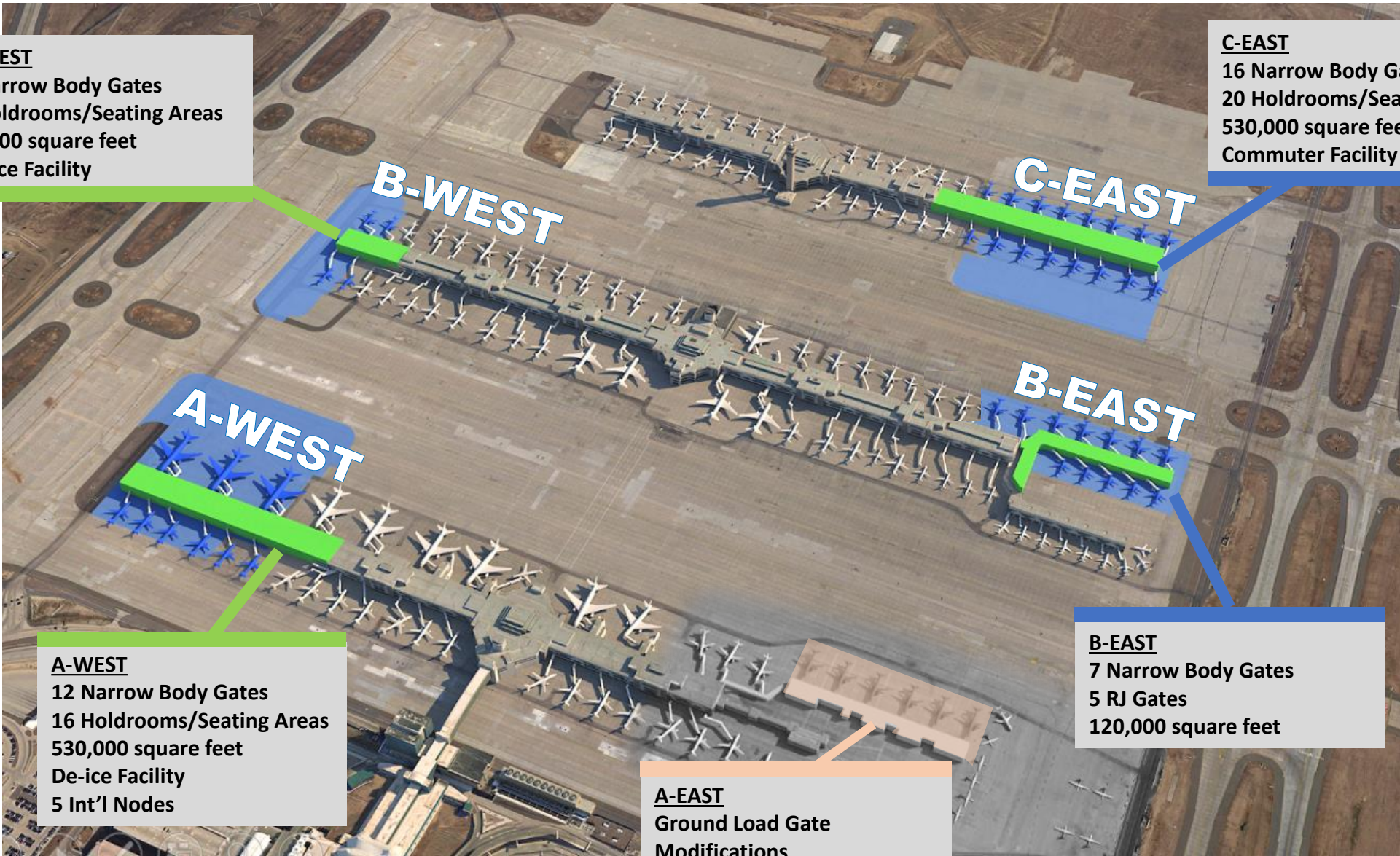
- Gate expansion overview
- Minority and Women-Owned Business Enterprise (M/WBE) update
- B-West expansion
- C-East expansion
- B-East expansion
  - Hot water failure damage
- A-West expansion
- Airline relocations
- Concourse renewal design

# GATE EXPANSION AT A GLANCE



**B-WEST**  
4 Narrow Body Gates  
6 Holdrooms/Seating Areas  
90,000 square feet  
De-Ice Facility

**C-EAST**  
16 Narrow Body Gates  
20 Holdrooms/Seating Areas  
530,000 square feet  
Commuter Facility



**A-WEST**  
12 Narrow Body Gates  
16 Holdrooms/Seating Areas  
530,000 square feet  
De-ice Facility  
5 Int'l Nodes

**B-EAST**  
7 Narrow Body Gates  
5 RJ Gates  
120,000 square feet

**A-EAST**  
Ground Load Gate  
Modifications

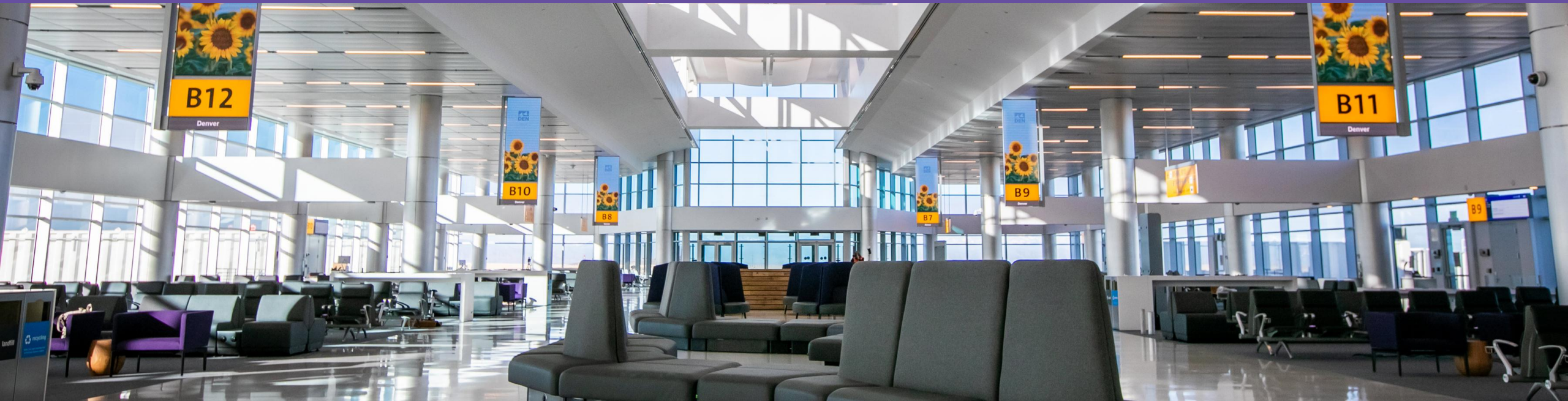
# BEFORE GATE EXPANSION



# GATE EXPANSION



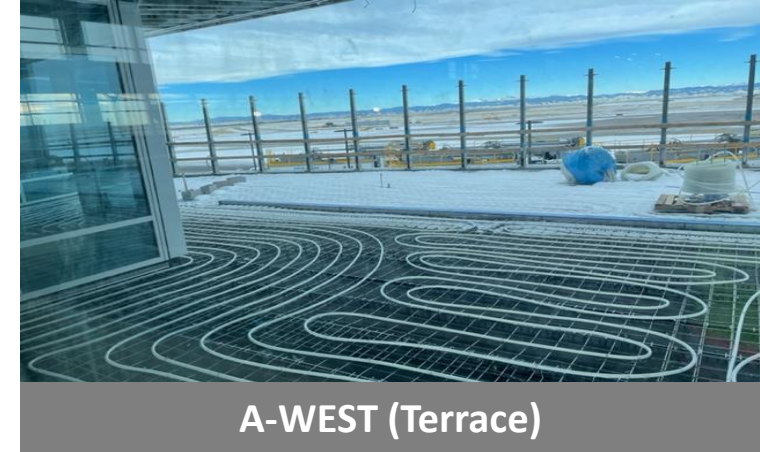
- \$2 billion program adds 39 gates, gate capacity by 39%
  - Same size as Reagan National Airport
  - B-West was completed in Nov. 2020
  - A-West, B-East and C-East Gate Expansion will be complete in 2022
  - New airline support facilities and commuter facility
  - Airlines relocation to final gate assignments
- Outdoor patios at the end of the concourses, new restrooms, new signage, conveyances and systems
- On time and on budget



# GATE EXPANSION STATUS



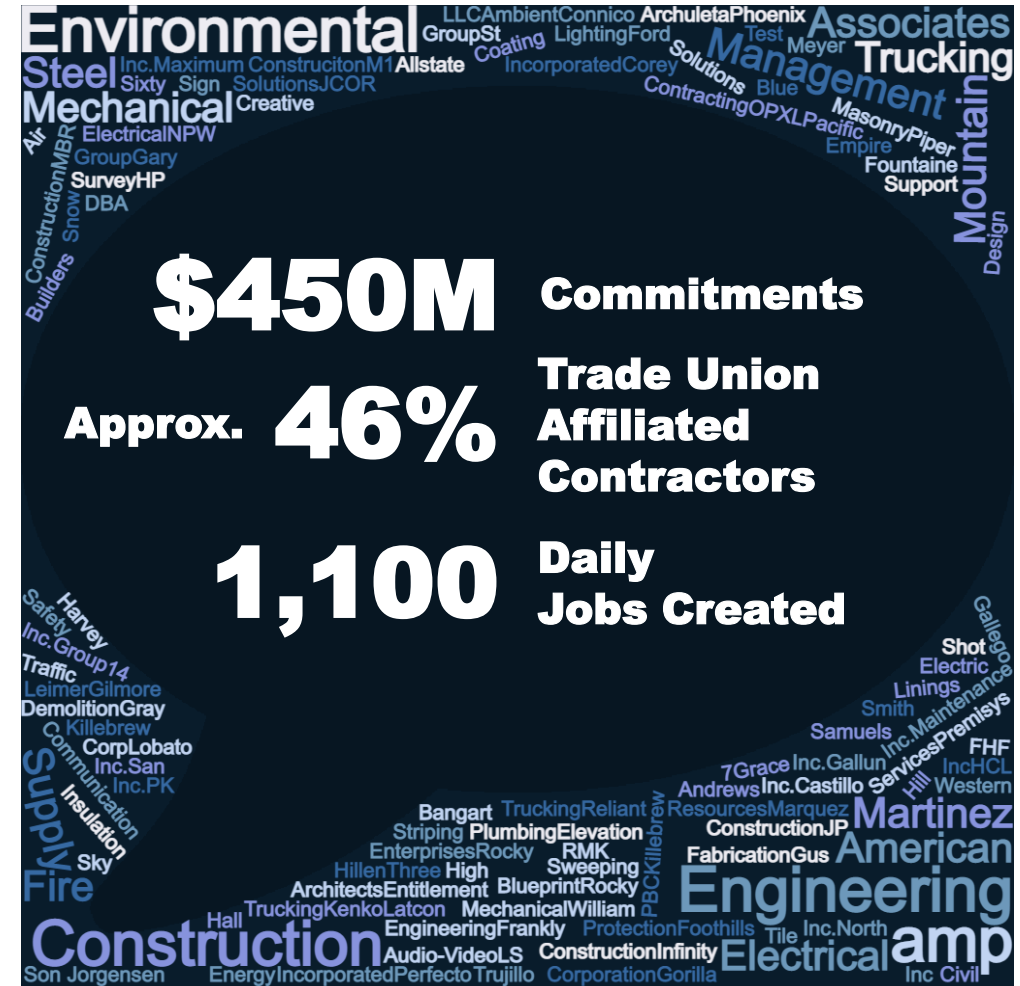
- Gate expansion program nearing completion
- Remaining concourse building expansion (1 million sq. ft.) along with gates scheduled to be delivered in 2022
- Airline relocations scheduled to follow concourse expansions and complete in 2023
  - Support facilities (offices, breakrooms, etc.) for American, Delta, Frontier and commuters, including a new lounge for American



# GATE EXPANSION MWBE STATUS



COMPANY	GOAL	CURRENT	FORECAST
<b>PROJECT MANAGEMENT SERVICES</b>			
WSP	10.0%	17.3	17.0%
<b>DESIGN SERVICES</b>			
JACOBS	17.0%	19.9%	19.4%
HNTB	17.0%	18.1%	18.1%
<b>CONSTRUCTION</b>			
Turner Flatiron	24.0%	23.2%	24.1% <sup>(1)</sup>
Holder FCI	24.0%	26.5%	26.0%



(1) Turner Flatiron executives committed to meeting the contract goal of 24% in the last gate expansion executive partnering meeting



# SUSTAINABILITY AND LEED STATUS

- Program goal is to achieve LEED v4 Gold certification
  - Concourse Expansion B West was awarded LEED Gold in 2021
  - B East, C East and A West are on track for Gold Certification
- Rooftop photo-voltaic system
- Generate 10% of building demand
- Achieve 30% building energy demand reduction
- 40% reduction from interior lighting
- Energy recovery of exhaust air
- Water usage reduced 45%
- Building commissioning
- Sustainable materials





# B-WEST EXPANSION

100%

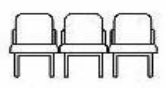
- Opened November 2020
- 5 Months Early
- On-Budget



4 New Gates



90,000 Building sq ft



6 Hold Rooms



# B-WEST PASSENGER FEEDBACK



Chris O'Leary  
@ohhleary

Digging the new west end of Concourse B at @DENAirport! Great views from the outdoor deck on this gorgeous Colorado morning.



9:20 AM · Oct 30, 2021 · Twitter for iPhone



jhart99  
@jhart99

The new gates in the B terminal of @DENAirport are really swanky. Definitely the area to wait if you have a long layover.



11:54 AM · Sep 1, 2021 · Twitter Web App



Alison Parr  
@alison\_parr

Really nice addition to @DENAirport - an outdoor space w/in the concourse w/ fire pits and one of the best views of the Rocky Mountains!



9:34 AM · Dec 12, 2021 · Twitter for iPhone



**biermunky** The new expansion in B terminal is awesome! The new gate signs, seating, outdoor area...it was wonderful! Can't wait until more of the airport looks like this.

9w 1 like Reply



**adventure\_grammy** I love how spacious the new gates are. And that outdoor patio is awesome!

9w 1 like Reply





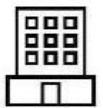
# C-EAST EXPANSION

86%

- Gates Open - May 2022
  - 14 Gates
  - Commuter Facility
- Concourse Tie-in Work – Early 2023



16 New Gates



530,000 Building sq ft



20 Hold Rooms



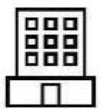


# B-EAST EXPANSION

- Gate Expansion Open – Fall 2022
  - 5 Narrow Body Gates
  - 5 Regional Commuter Gates
- 2 Gate Tie-in Work – Early 2023



**7** New Gates



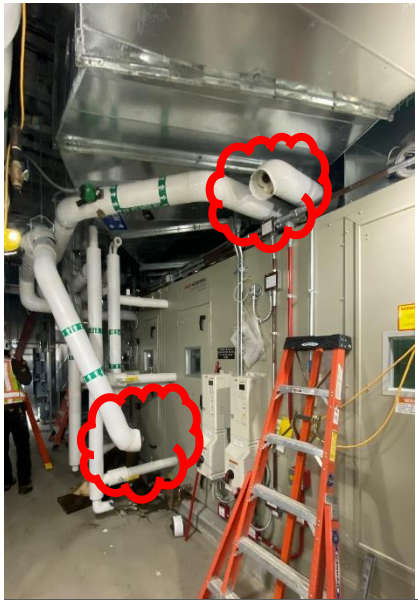
**120,000**  
Building sq ft



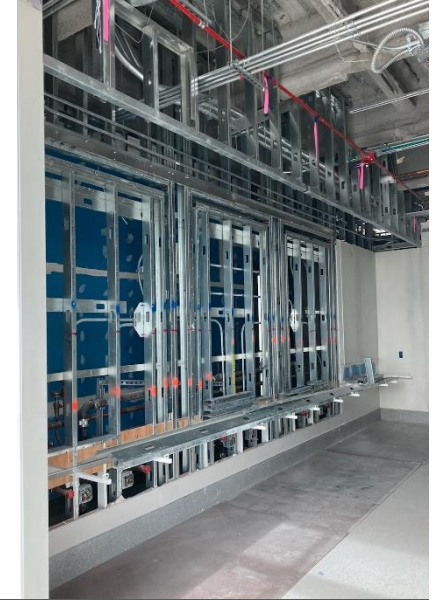
**10** Hold Rooms



# B-EAST HOT WATER DAMAGE



Hot Water Line Failure



Damaged Areas – Restroom, Mechanical / Electrical Rooms, Concourse

- Hot water line break caused significant damage to B-East expansion project
- Estimated damage exceeds \$50M
- Repair and replacement of damaged building components and equipment underway
- Insurance claim submitted by contractor
- Insurance provider to fund repair costs
- Repairs and gate delivery scheduled for fall 2022



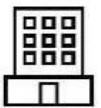
# A-WEST EXPANSION

81%

- Gate Expansion Open – Fall 2022
  - 12 Narrow Body Gates
- Concourse Tie-in Work – 2023



12 New Gates



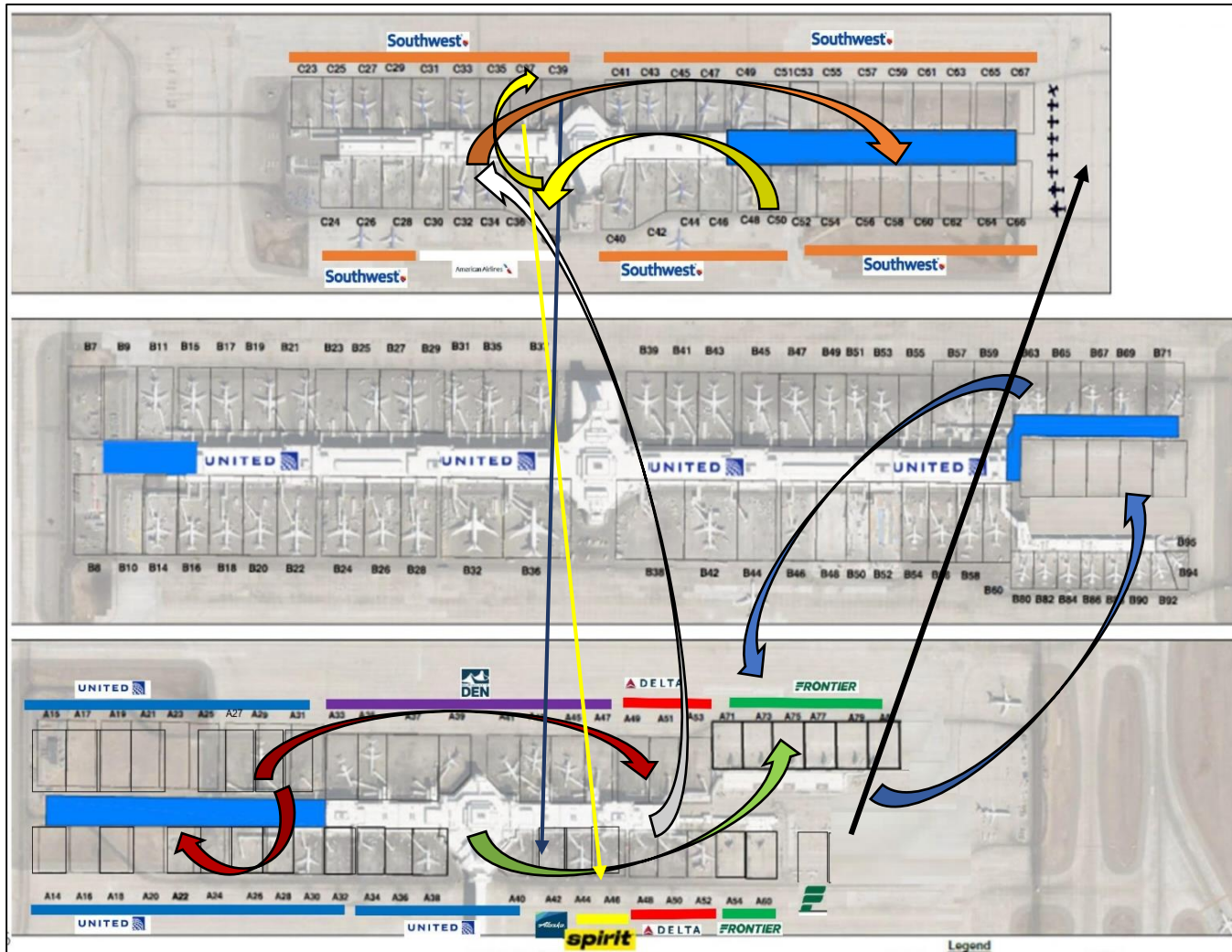
530,000 Building sq ft



16 Hold Rooms



# AIRLINE RELOCATIONS



## Overview

- Multiple moves
- Interdependent
- All airlines move!!!
- Airline support facilities and relocations scheduled to follow gate expansions and complete in 2023

## Anticipated Airline Move Timelines

- Southwest to C-East – May 2022
- United to B-East – Fall 2022
- United to A-West – Fall 2022
- American to C-West – Fall 2022
- Delta to A-East – Spring 2023
- Frontier to A-East – Late 2023
- Spirit to A-East – Early 2024
- Alaska to A-East – Early 2024



# AIRPORT RENEWAL STATUS



- Design standards complete for renewal of restrooms, holdrooms/gate seating areas, wayfinding and general circulation
- Concourse B holdroom renewal work is in for final permitting, with construction slated to begin in the second quarter of 2022 and complete in 2023
- Includes new furniture and United’s “Gate of the Future” concept
- Escalator and moving walkway modernization underway



# Q&A

