



# GREAT HALL PROGRAM TSA SECURITY SCREENING EQUIPMENT

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- Request Before City Council – Contract Number 202475169
- Great Hall Program Overview
- Review of TSA Security Screening Equipment (Today's Action Item)
  - DEN is seeking approval to move forward in donating this security screening equipment to TSA for its use at the new East Security Checkpoint

- Approve the Intergovernmental Agreement in the form of a Memorandum Of Understanding (MOU) with the Transportation Security Administration (TSA) | Contract Number 202475169
- The MOU allows DEN to *donate* passenger screening security equipment with associated manufacturer warranty, maintenance, and support services in the value of \$31 million for DEN's new East Security Checkpoint
- City Council previously approved DEN's *purchase* of this equipment as a part of the Hensel Phelps contract amendment in January 2022
- Similar MOU was approved in August 2023 for the West Security Checkpoint

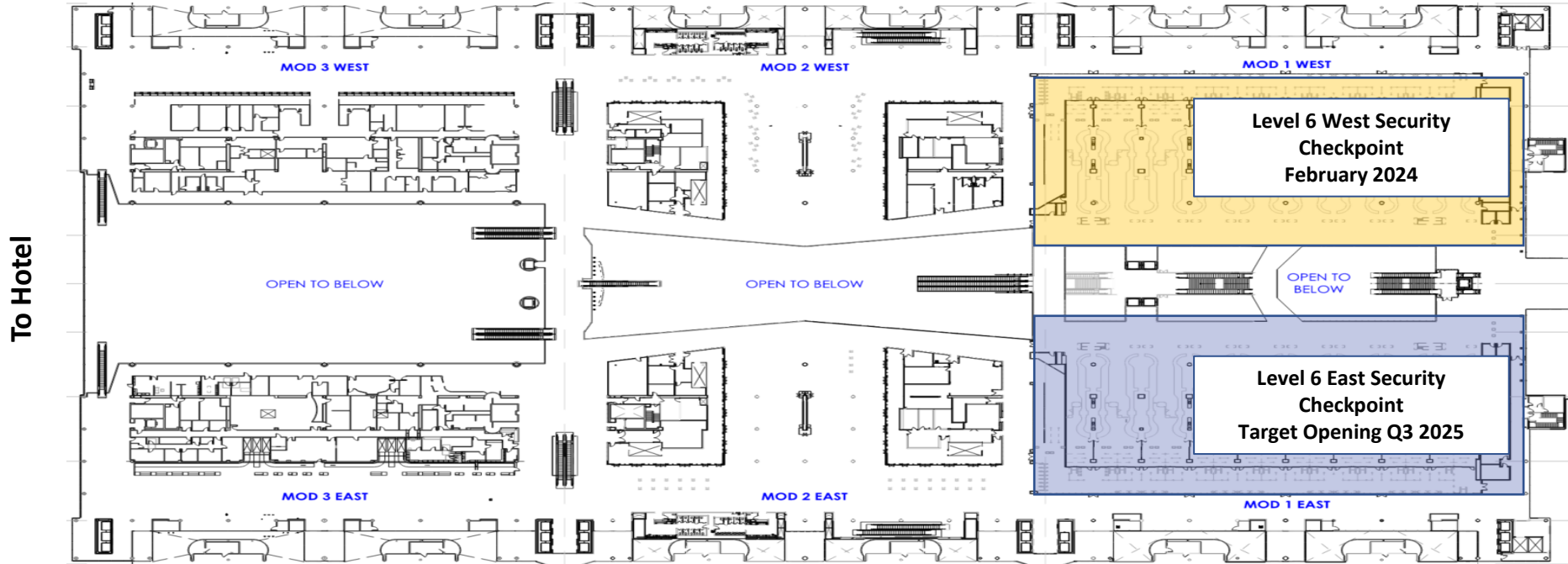
# GREAT HALL PROJECT OVERVIEW



- Makes essential changes to security of TSA checkpoints
- Adds capacity to a terminal built for 50 million annual passengers and prepares DEN to serve 100 million annual passengers
- Optimizes operational efficiency and passenger flow to minimize wait times at the checkpoint
- Enhances customer experience
- Constructed in three phases:
  - Phase 1 (completed)
  - Phase 2 (completed)
  - Completion Phase (in progress)



# GREAT HALL PROGRAM OVERVIEW



LEVEL 6



- Construction of the new checkpoint is progressing well and will reach the 50% mark by end of the month
- Level 6 deck extension structural steel and concrete is complete
  - Similar look and feel to the West Security Checkpoint when fully completed
- Production of the 17 new security screening lanes is underway
- East Security Checkpoint “Go-Live” date targeting Q3 2025
- North Atrium will be complete by early Q1 2026



# EAST SECURITY CHECKPOINT PROGRESS

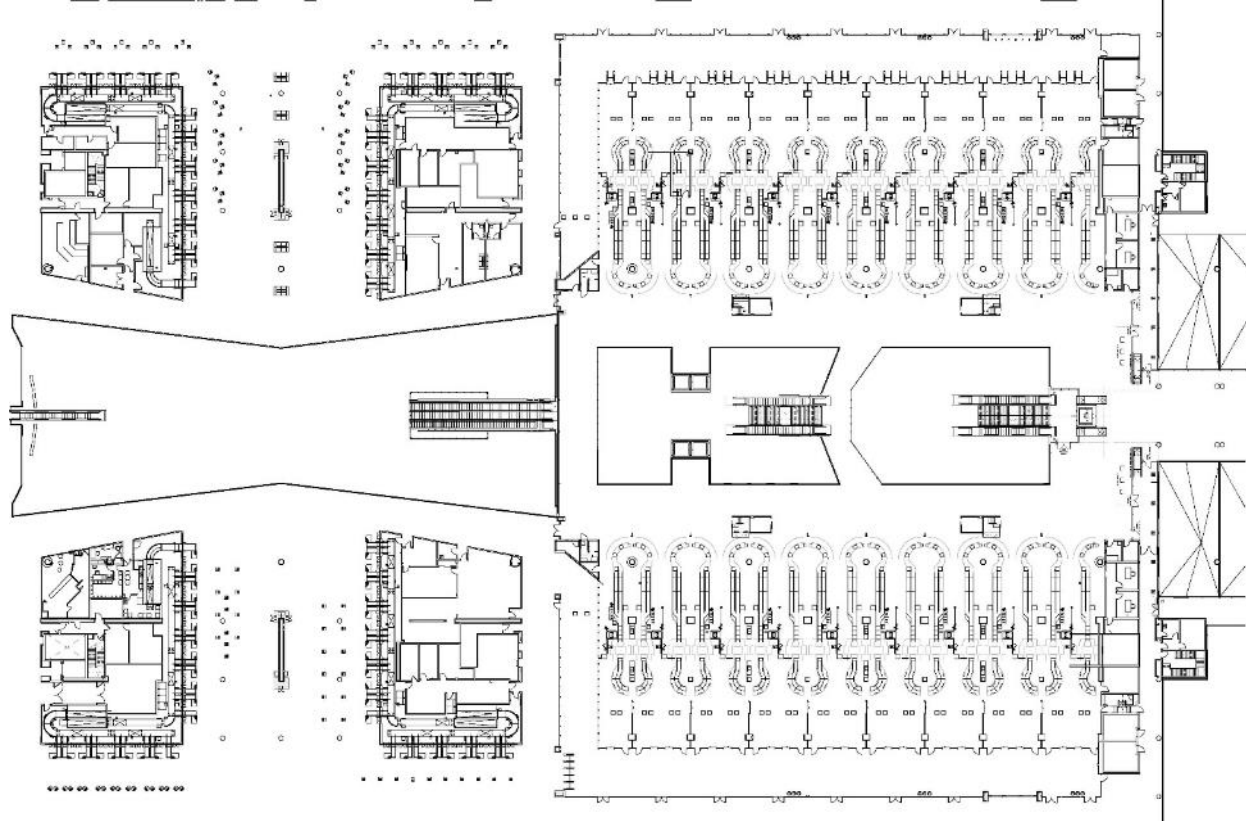


*Progress of the East Security Checkpoint shows new flooring that was recently installed*



*Bridge connecting the East and West Checkpoints is currently being constructed*

# WEST/EAST SECURITY LAYOUT



Walkway to Concourse A



## Scope

- Replaces all flooring around the baggage claims with carpet
- Installs quartz tile in corridor and vestibules adjacent to the baggage claim carpet
- Replaces ceiling and lighting
- Installs solid surface wall panels w/ LED Lighting

## Status

- The first phase of work in MOD 2 (middle of terminal), east and west, will be complete in Q1 2025
- All remaining work in the south and north end of the terminal baggage claim areas will be completed by late 2026

# BAGGAGE CLAIM REFRESH



*First half of MOD 2 west baggage claim area opened on Aug. 14, 2024*



*First half of MOD 2 east baggage claim area opens on Aug. 21, 2024*

## **Center of Equity and Excellence in Aviation (CEEA) and Non-CEEA Space**

- Contractor is mobilized and performing demo and enabling work
- CEEA and Non-CEEA space occupancy scheduled for Q1 2026
  - Requires furniture, fixture, and equipment install to operate the space
- Sky Blue Builder's current schedule shows construction substantial completion at the end of 2025

# PREVIEW OF GREAT HALL COMPLETION

# BENEFITS



- Potential time savings for completion is 3-9 months
- Reduces the amount of time airlines will operate out of interim ticketing pods on Level 5
- Less disruption to airline operations and passengers
- Addresses deferred maintenance and refreshes restrooms
- New finishes throughout
- Reallocation of funds to accelerate the start of North Terminal Expansion, which includes Federal Inspection Services Facility





# PHASE 1 – NORTH TERMINAL EXPANSION



## EXISTING



## PROPOSED

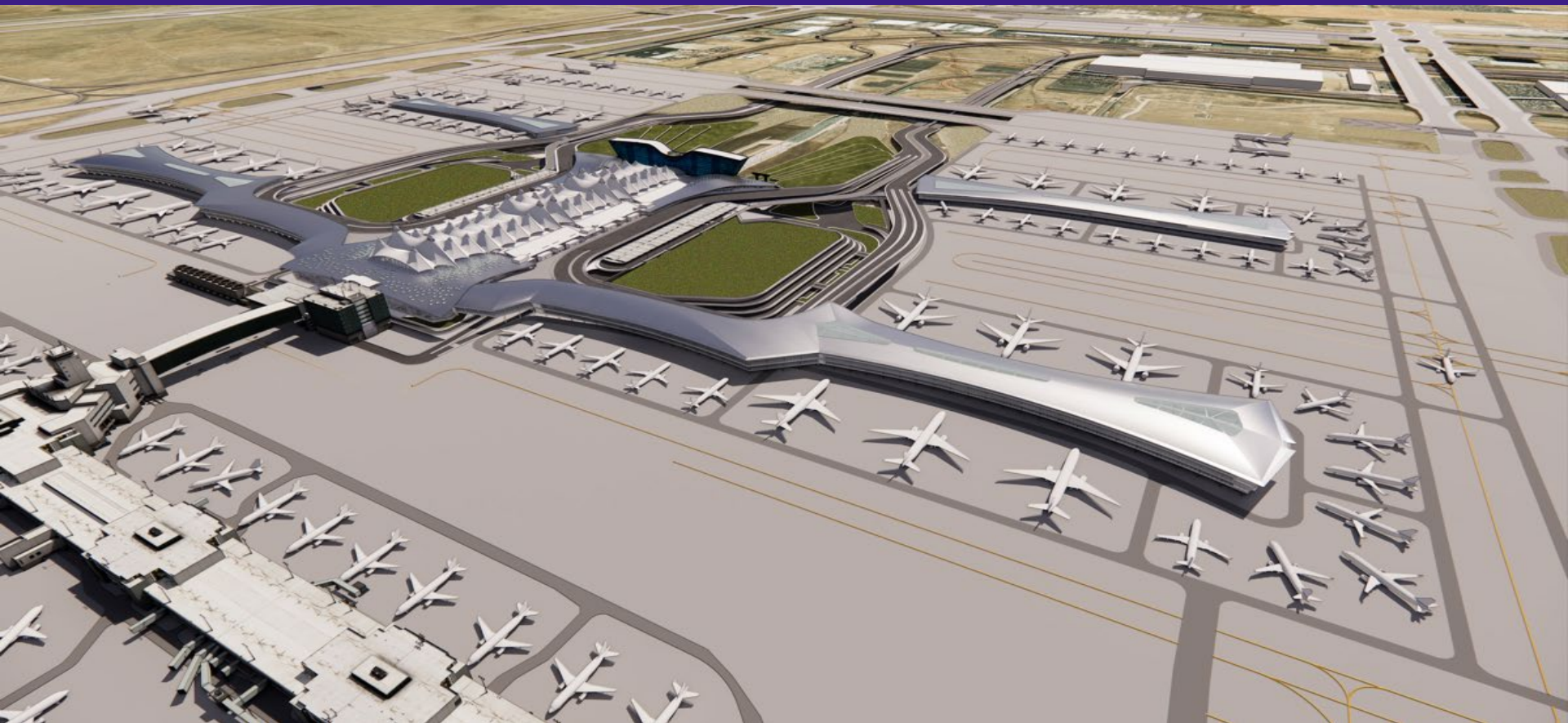




# NORTH TERMINAL EXPANSION



# NORTH TERMINAL EXPANSION





# TICKET COUNTERS RENDERING



- Layout being developed to meet passenger and employee needs:
  - Comfortable and adequate meet/greet space for both domestic and international arrivals
  - Comfortable seating
  - Concessions (food and retail)
  - Revenue opportunities (advertising)
  - Art and entertainment
  - New public art (*the Stars and the Cottonwood*)





# NORTH END GREAT HALL PASSENGER AMENITIES



- Meet/greet space for international arrivals
- Concessions (food and retail)
- Additional security lanes, demand dependent



# OTHER AIRPORT PROJECTS

# CONRAC LOCATION FOR NEW FACILITY



# CONCOURSE C WEST EXPANSION



- Last remaining space on existing concourses to expand
- A maximum of 11 gates can be constructed in a 400,000+ square foot facility
- Will allow us to reach ~100 million annual passengers
- Will include a basement and an outdoor deck, like the other recent expansions



# QUESTIONS?



# ACTION ITEM

# TSA EQUIPMENT MOU



- Constructs two new state-of-the-art security checkpoints that include new screening equipment with the latest technology
  - West Security Checkpoint opened in February 2024
  - East Security Checkpoint target opening in Q3 2025
- Each Security Checkpoint will have 17 security lanes with dedicated lanes for TSA PreCheck and Clear passengers
- TSA must test and certify all lanes prior to opening

# TSA SECURITY EQUIPMENT OVERVIEW



- Competitive process was used to procure the new TSA equipment for 34 lanes (17 for the West Checkpoint and 17 for the East Checkpoint)
  - Includes equipment for carry-on baggage screening and passenger screening
  - East Security installation begins in early 2025
- The purchase of the equipment was previously approved by City Council in January 2022 as part of the Hensel Phelps contract amendment
- DEN selected the best equipment available which will enhance the passenger experience



- DEN has purchased Scarabee lanes, which is on the approved TSA list
- To ensure DEN received a competitive price on the equipment, our general contractor, Hensel Phelps, completed a competitive process and Scarabee was the best value and lowest bid
  - Other proposers were Analogic and Vanderlande



# TSA SECURITY EQUIPMENT BENEFITS



- Allows multiple passengers to place their items in bins simultaneously
- Automatic diversion of any carry-on bag that may contain a prohibited item, allowing other travelers' belongings to continue through the screening process uninterrupted
- Automatic bin returns to the front of the line
- Larger bins to fit more items and larger bags
- Enhanced technology for screening processes that allows all passengers to leave electronics in their luggage



- DEN purchased the equipment as part of TSA's Capability Acceptance Program (CAP), which allows airports to accelerate the deployment of equipment to enhance security
  - CAP requires DEN to donate the equipment to TSA, which is a common practice at U.S. airports
  - CAP requires DEN to pay for a four-year maintenance agreement after installation
  - Equipment must meet TSA requirements and be on the Acceptable Capability List
- \$31 million value - includes equipment, factory acceptance testing, installation, site acceptance testing and a four-year maintenance agreement
- MOU must be approved by Council before TSA can accept the donation of the security equipment
- Approval of MOU is a critical step for activation of the East Security Checkpoint in early Q3 2025

# DENVER INTERNATIONAL AIRPORT

