



DISTRICT 5 RNO/HOA TOWNHALL

AUGUST 10, 2021

CRISTAL DEHERRERA, CHIEF OF STAFF
DENVER INTERNATIONAL AIRPORT



DEN BY THE NUMBERS

2019

Passenger Traffic:

2020

69.9 million

33.7 million

U.S. Rank:

5th

3rd

World Rank:

16th

7th

Number of Routes:

(July – Dec) 211

187 (July – Dec)

Passenger Profile:

36% Connecting

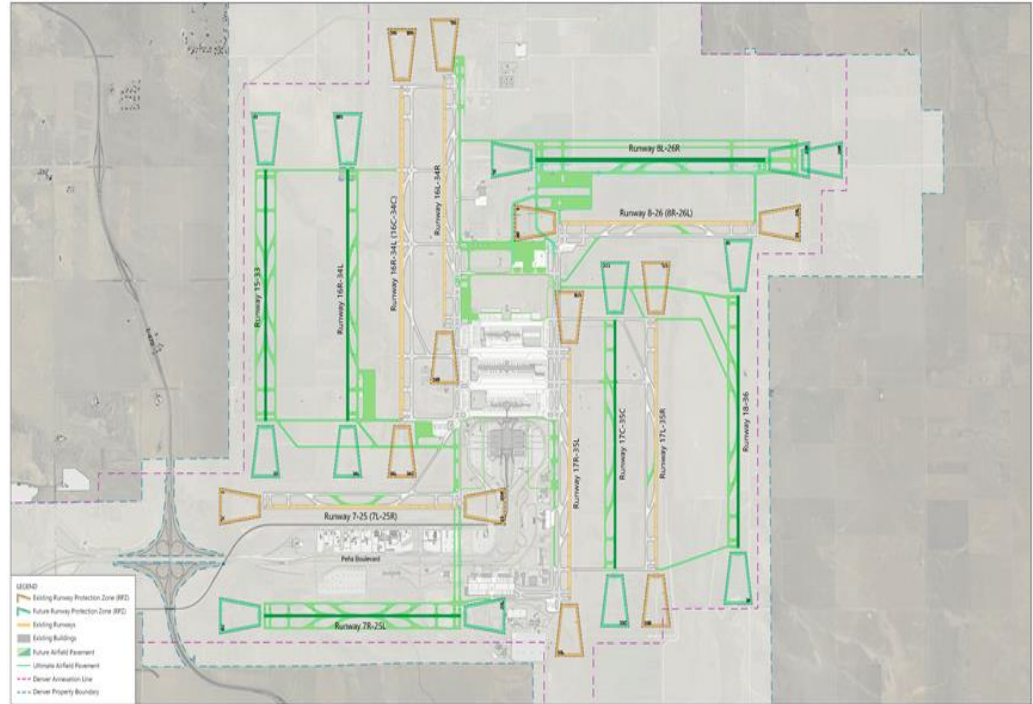
41% Connecting

Designed for Growth



DEN Master Plan & History

- DEN's 53 square miles of land can accommodate up to **12 runways** with an estimated capacity of **1.25 million aircraft landings and takeoffs**.
- In 1989, an Environmental Impact Statement was completed for the initial 6 runways, with the intent to perform additional reviews for future buildout.
- DEN's land was purchased to accommodate these 12 runways and associated clear zones to **protect the Airport and its neighbors** from noise, and other environmental impacts



DEN BY THE NUMBERS IN 2019



Airport Ranking
In the U.S.

5th

Annual Economic
Impact

\$33.5B

Airlines Serving
DEN

23

Non-stop
Destinations

216

Passenger Traffic Growth

54M



2015

69M



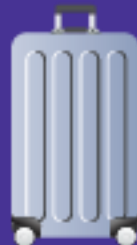
2019

82M



2025*

92M



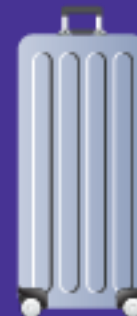
2030*

102M



2035*

110M

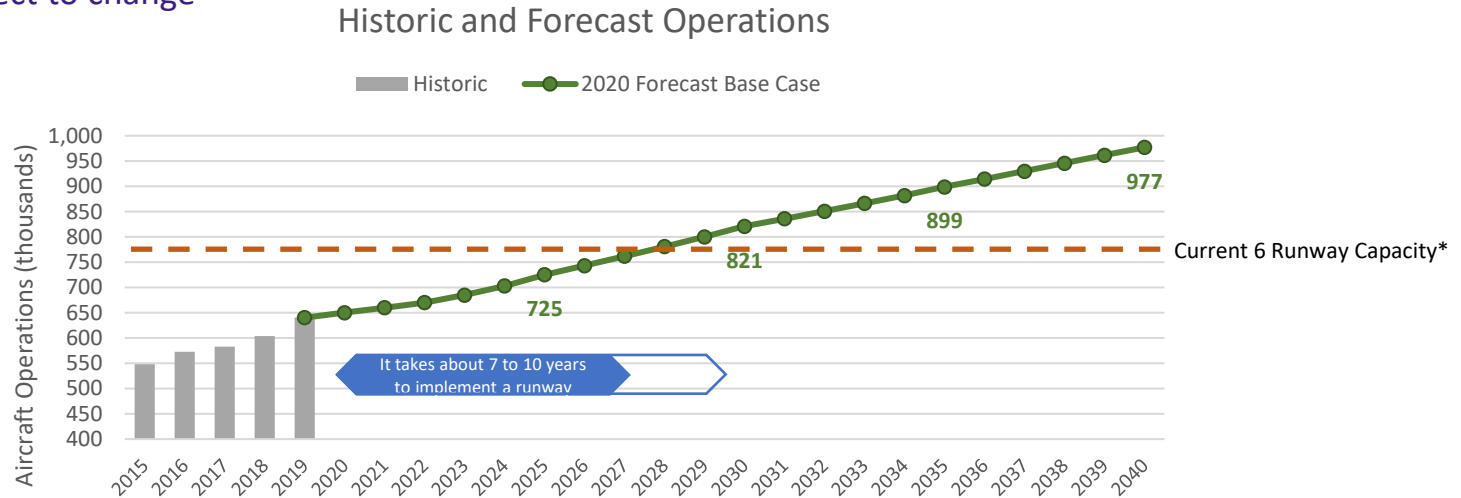


2040*

DEN Previous Runway Planning and Future Need



- Recent forecasts indicate that a runway could be justified as soon as 6 years, depending on COVID-19 recovery
- A new runway can take 10 years for environmental review, planning, design, and construction
- DEN has coordinated with the FAA over the past 24 months to discuss the future runway need and study requirements
- Critical that DEN takes action to maintain its level of service for the airspace system. All projections are currently being studied and subject to change



SOURCES: InterVISTAS, Denver International Airport Aviation Activity Forecast, August 2020 (forecast); City and County of Denver, Department of Aviation, April 2019 (Historical); *FAA Annual Service Volume Study for DEN, December 2016 (ASV), 4-minute average delay

DEN Future Runway Planning Studies Currently Underway

- Airfield planning studies and analyses for subsequent Environmental Review:
 - Surrounding airspace and DEN airfield simulation modeling
 - Airfield and runway system demand and capacity analysis
 - Runway system configuration and length analysis
- Planning studies will provide data for the FAA National Environmental Policy Act (NEPA) process:
 - Purpose and need, alternatives, affected environment, and environmental consequences review
 - Planning studies will narrow down potential alternatives

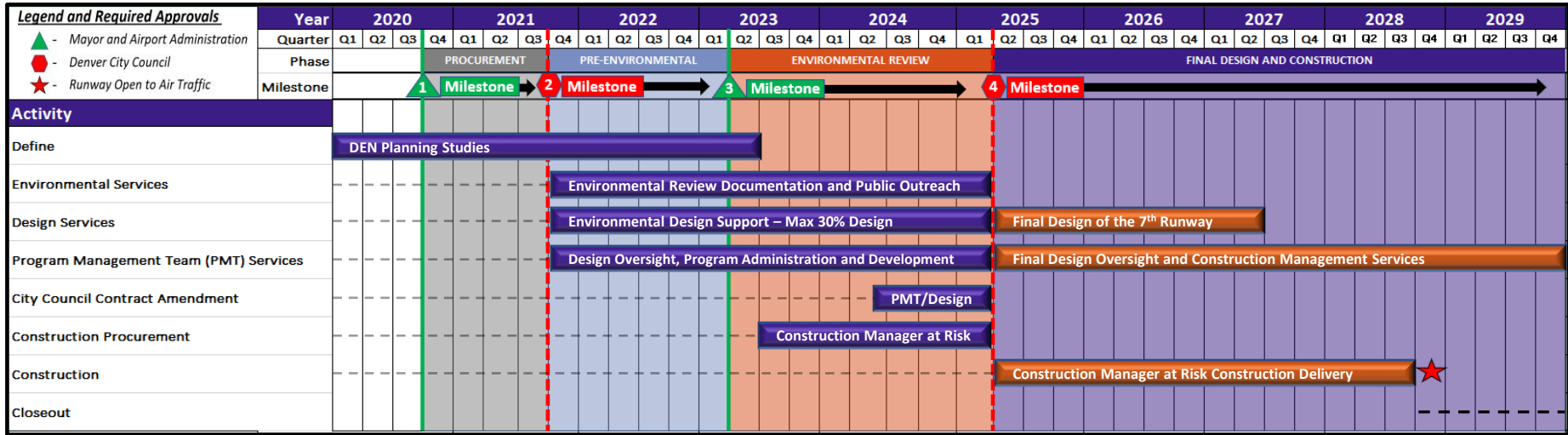
Future Runway Delivery Approach



Project Approach

- Built-in off-ramps for DEN, City and County of Denver, and FAA
 - Milestone 2 – Pre-Environmental Review
 - Milestone 3 – Environmental Review, including up to 30% design
 - Milestone 4 – Final Design and Construction of the 7th Runway
- DEN is procuring three Professional Services consultants for the Program:
 - Environmental
 - Design
 - Program Management Team (PMT)
- Consultants will only be contracted for Milestones 2 and 3
- DEN must amend the PMT and Design contracts, with City Council approval, to complete Milestone 4
- Close coordination with FAA is required throughout to comply with Federal funding requirements

Conceptual Runway Project Schedule and Cost



- New runways typically are completed in 10+ years, often due to complex land acquisition
- To meet future growth, DEN is beginning the process now in anticipation for completion in 8+ years
- Project schedule shown is conceptual, and is subject to change throughout project duration

Environmental Review – Milestone 2 and 3

- Public Involvement Plan (PIP) and Outreach Approach
 - Increase public awareness of NEPA process
 - Educate the public on the challenges associated with the project
 - Encourage the public to become involved in the environmental review process
- Public Involvement Plan Framework
 - Provide public access to information during the environmental review process
 - Promote understanding of the National Environmental Policy Act (NEPA) process
 - PIP provides roles of the agency and the public, schedule, coordination, and communication throughout
 - FAA and Environmental Consultant will be responsible for conducting public meetings/hearings

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