



Raleigh-Durham Airport Authority

RDU Airport Infrastructure

Michael J. Landguth, President & CEO

February 23, 2022



Agenda

- Vision 2040
- Capital Infrastructure Program
- Questions & Comments

Vision 2040

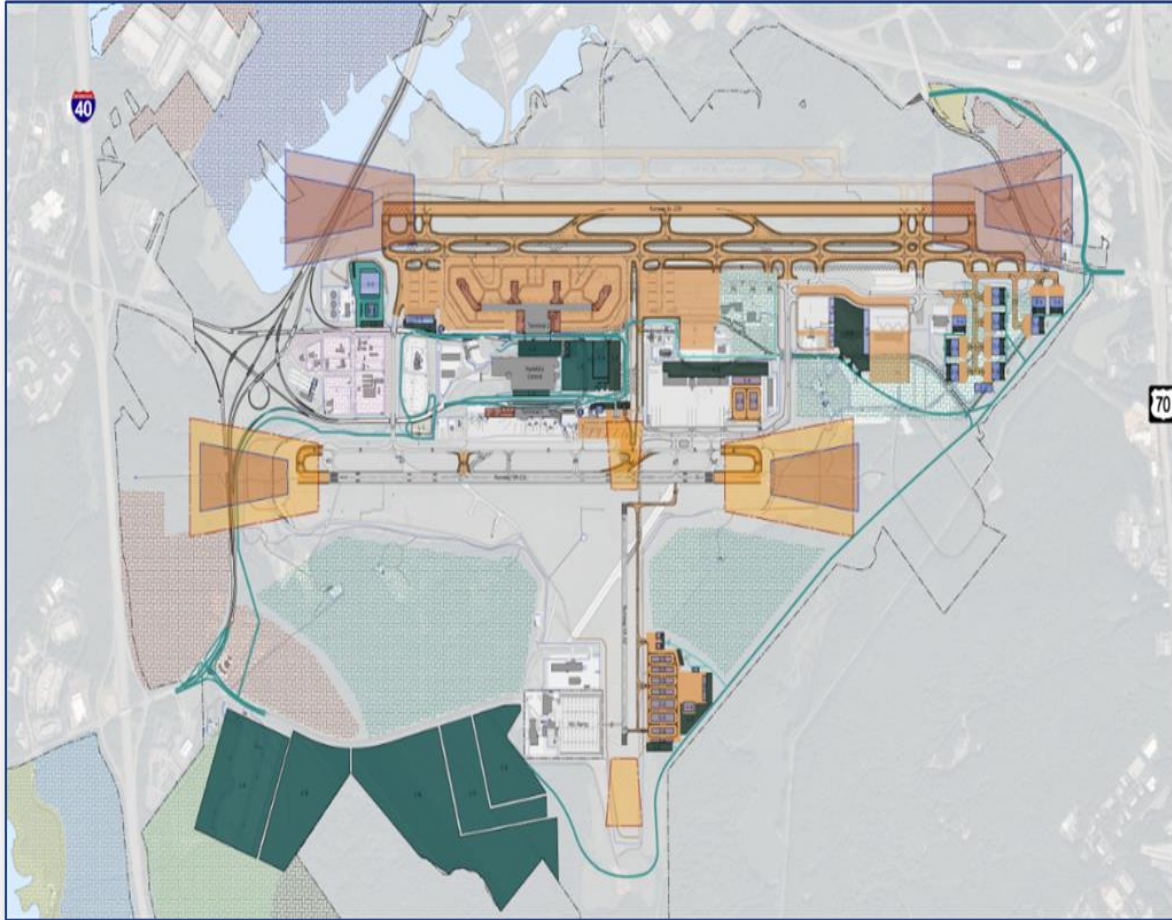


Vision 2040

- Vision 2040 is the airport's master plan for growth and capital development through 2040
- An airport master plan represents the airport's blueprint for long-term development.
- The plan, approved by the FAA in 2017, is the result of a comprehensive study of RDU's short, medium and long-term development needs to meet the region's future aviation demand.
- Authority accelerated/decelerates projects to adapt to growth and demand



Vision 2040: Airport Master Plan



- Airfield
- Terminals
- Ground Transportation
- General Aviation

Total = \$4 Billion



2030 Capital Program \$1.8B

- \$0.8B in Airfield projects
 - \$366M for Runway 5L-23R project
 - \$117M to rehab 5R-23L
 - \$213M in apron and taxiway pavement repairs
 - \$100M in other airfield related projects
 - RON areas; hangar pavement; etc.
- \$0.7B in Terminal projects
 - RDU must add 7 gates by 2030 to meet FAA forecast enplanement growth
- \$0.3B in Landside and other projects

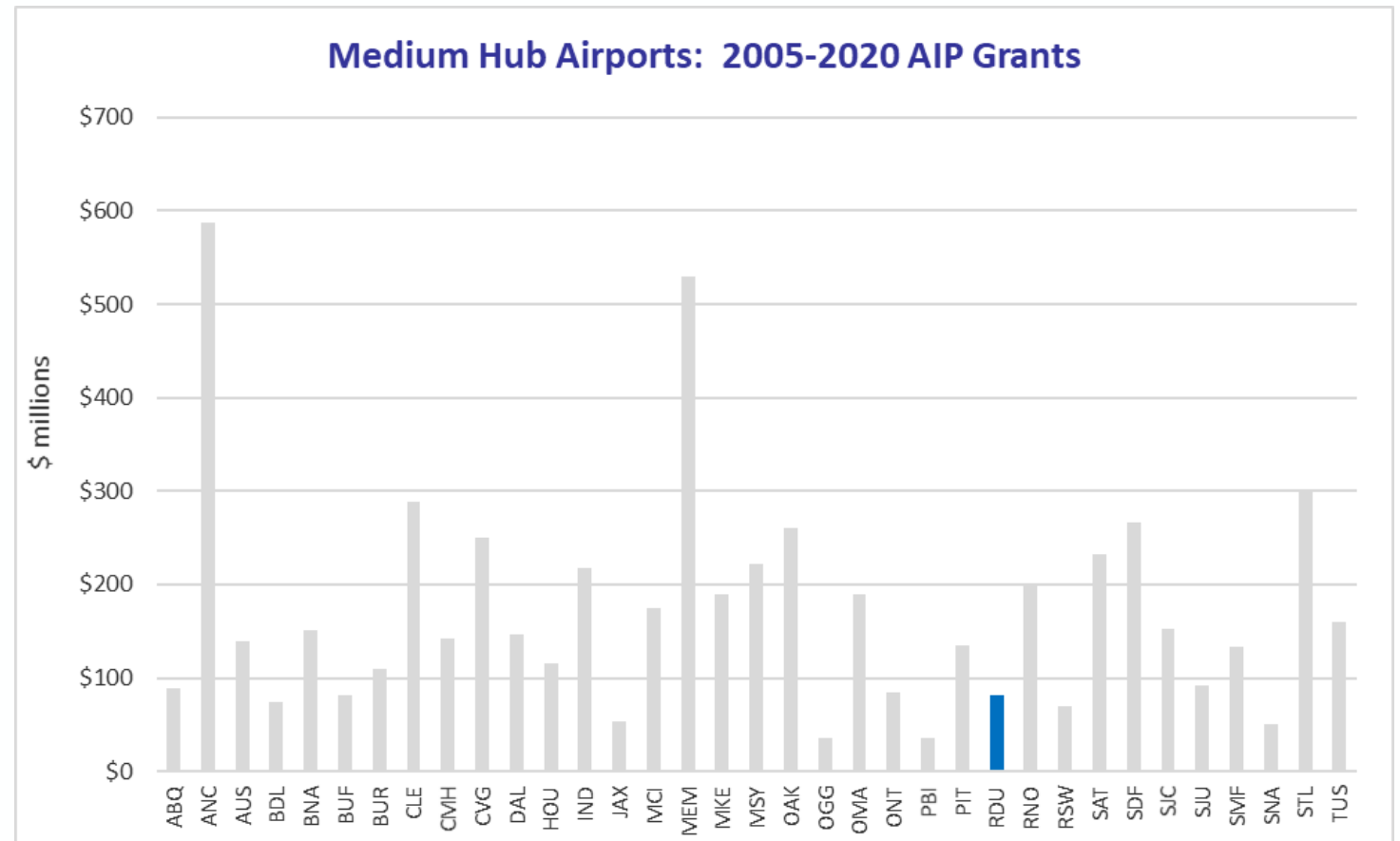


Anticipated Shortfall through 2030

- Between current cash reserves and future net revenue, we can fund \$870M of our \$1.8B program
- To maintain debt service coverage requirements, RDU can issue an additional \$550M in debt in 2024
- Capital Program funding shortfall is \$401M
- *Note: \$1.8B in funding needed for remaining vision 2040 capital program after 2030*

Historical Ask Has Been Minimal

2005-2020 - AIP grant dollars



Source: FAA website for AIP grants and passenger data

Peer Airports: Airports with between 5.0M to 9.0M enplanements in FFY 2019



Replacing RDU's Primary Runway, 5L/23R



- The cornerstone project of Vision 2040 is replacement of RDU's primary runway 5L-23R
 - Opened in 1986 and has reached its end-of-life
 - RDU must rehabilitate the runway to replace sections of deteriorating concrete until the new runway can be built
 - Runway replacement will include relocation to the west to enable future Terminal 2 gate expansion
- Need additional federal grant funding to help pay for the nearly \$400 million
- The Authority anticipates the FAA will issue a decision on the Environmental Assessment (EA) by the end of the year
- Construction expected to take 5-7 years

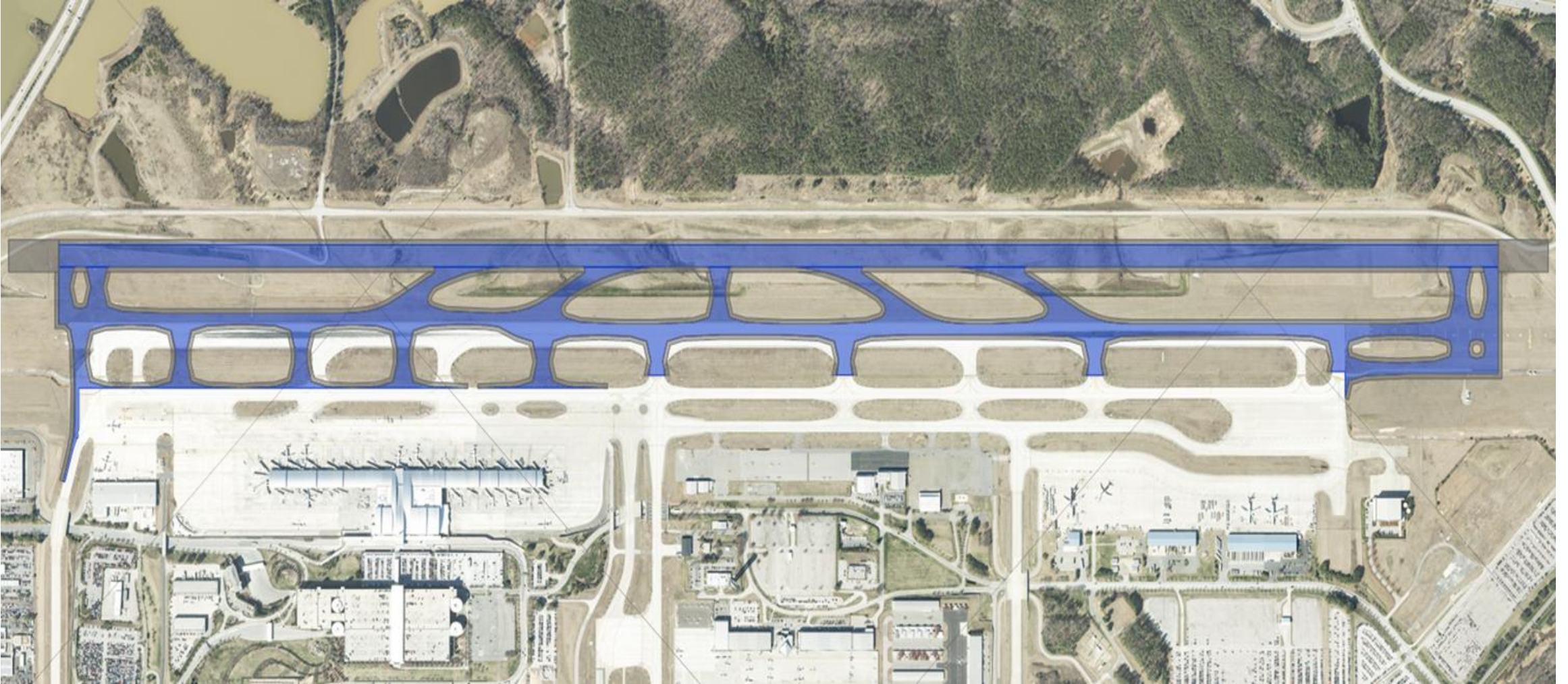


Background & Need





Runway Replacement



Raleigh-Durham Airport Authority

The background of the slide is a photograph of the RDU terminal building. The building features a large, curved, blue-tinted glass roof that reflects the sky. Below the roof, the building's facade is composed of vertical, golden-brown panels. The overall scene is captured in a warm, golden light, suggesting either sunrise or sunset. The text "Capital Infrastructure Program" is overlaid in the center of the image in a large, white, sans-serif font.

Capital Infrastructure Program



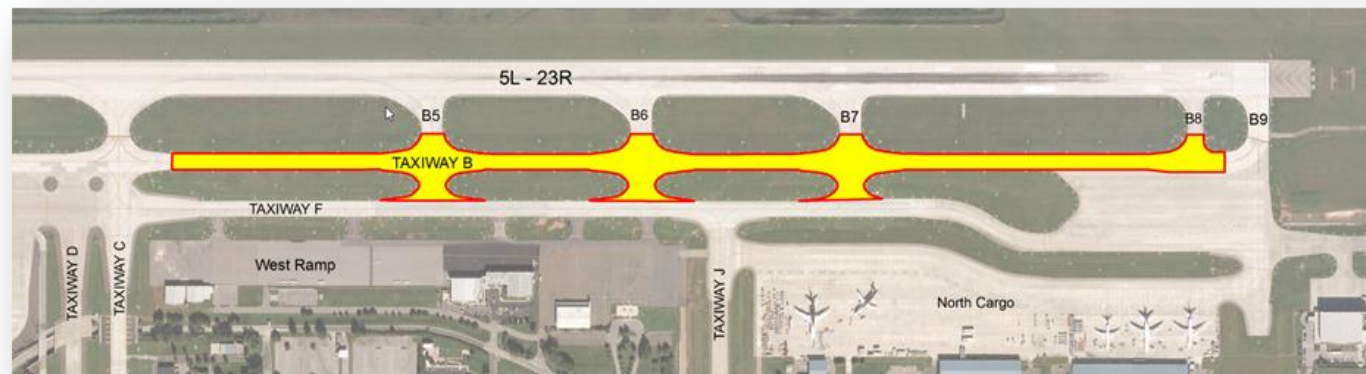
Airfield Improvements



West RON Construction



Taxiway Delta Rehabilitation



Taxiway Bravo Construction



Terminal 2 Checkpoint Expansion



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Roadway Improvements



West and East International Drive

International Drive



Thank You!

