



IN MEMORIAM





Metropolitan Washington Airports Authority

2026 Airports Update

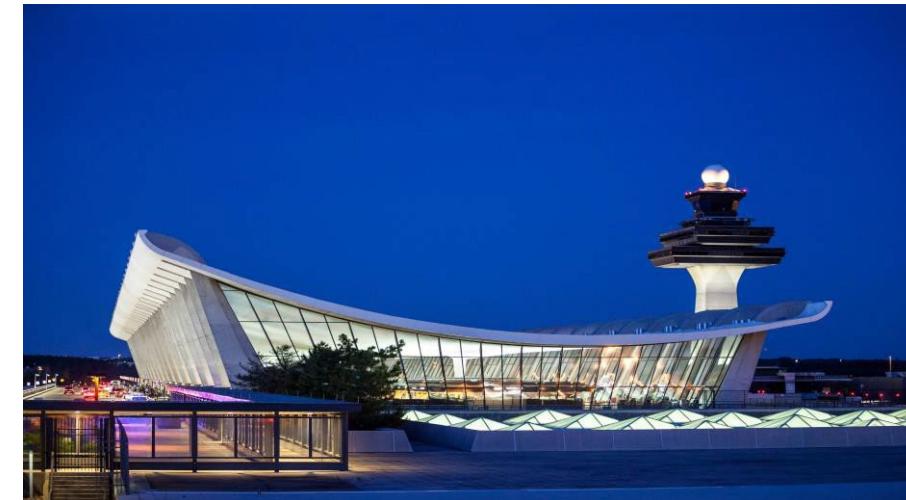
Virginia General Assembly Aviation and Aerospace Caucus

Presenter: Michael J. Cooper
Metropolitan Washington Airports Authority
State & Local Government Affairs Manager

January 29, 2026

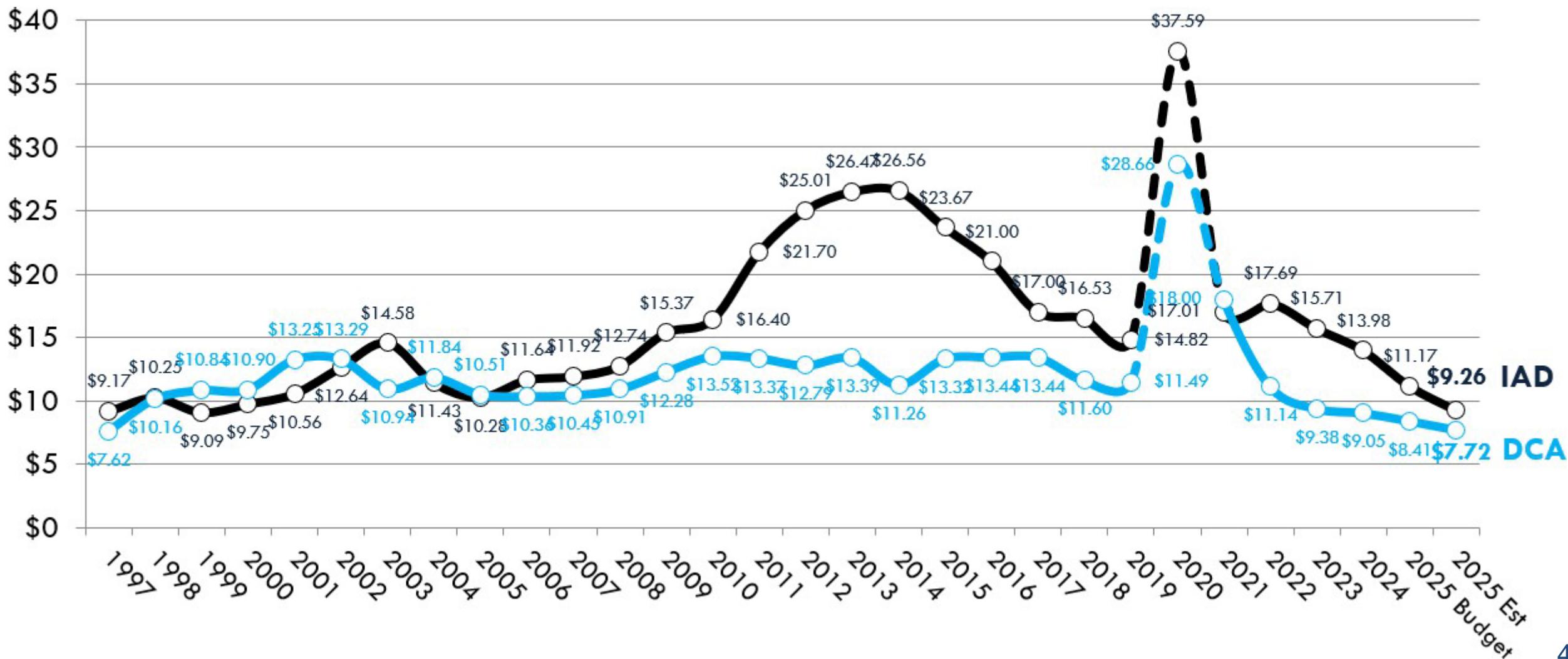


Promoting Future Economic Growth in the National Capital Region





Average Cost to Airlines Per Enplaned Passenger (CPE)





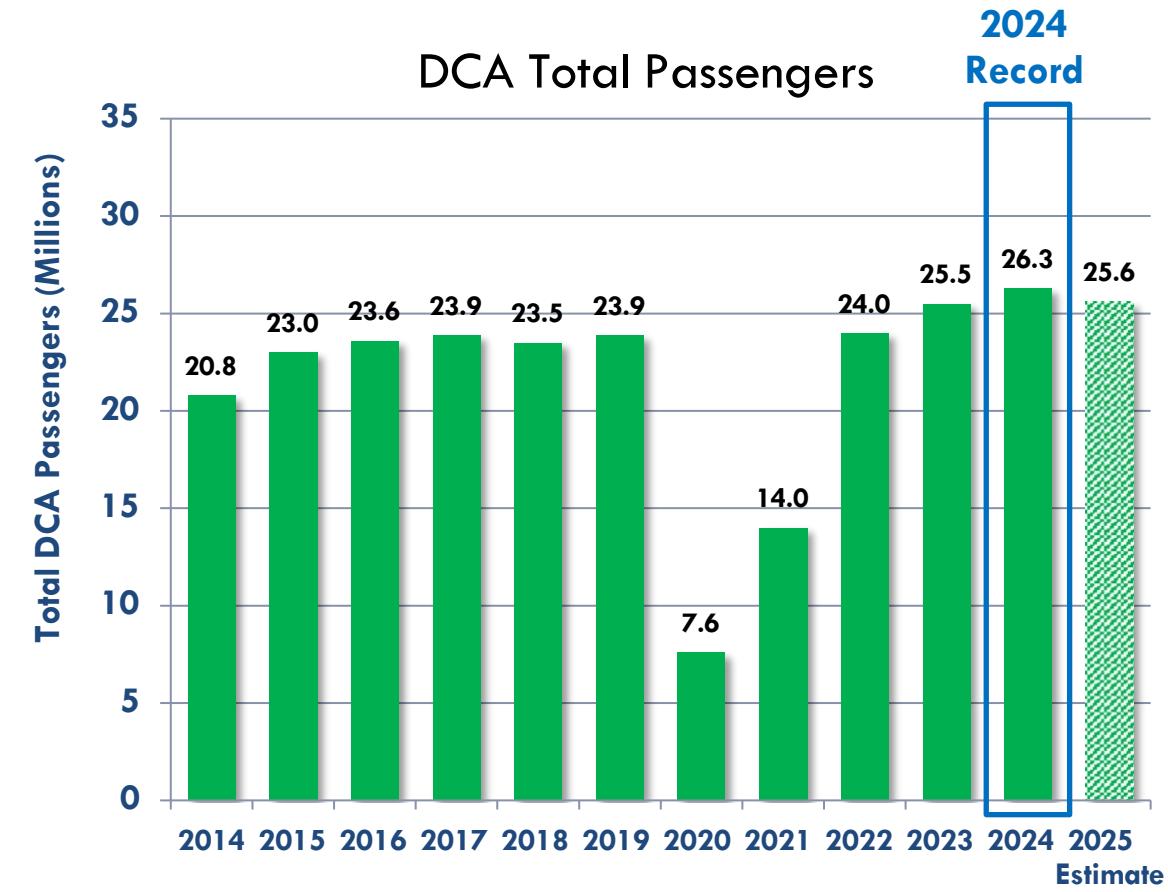
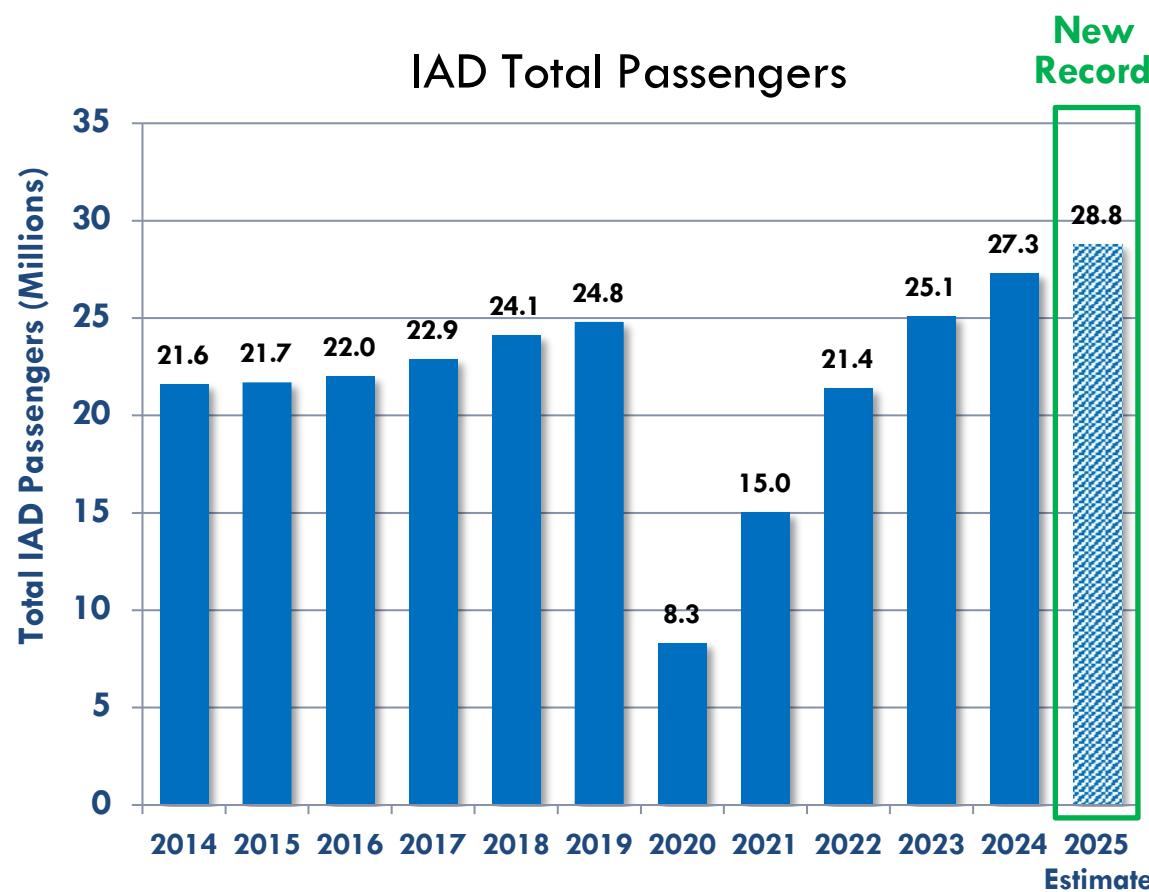
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Passenger Traffic



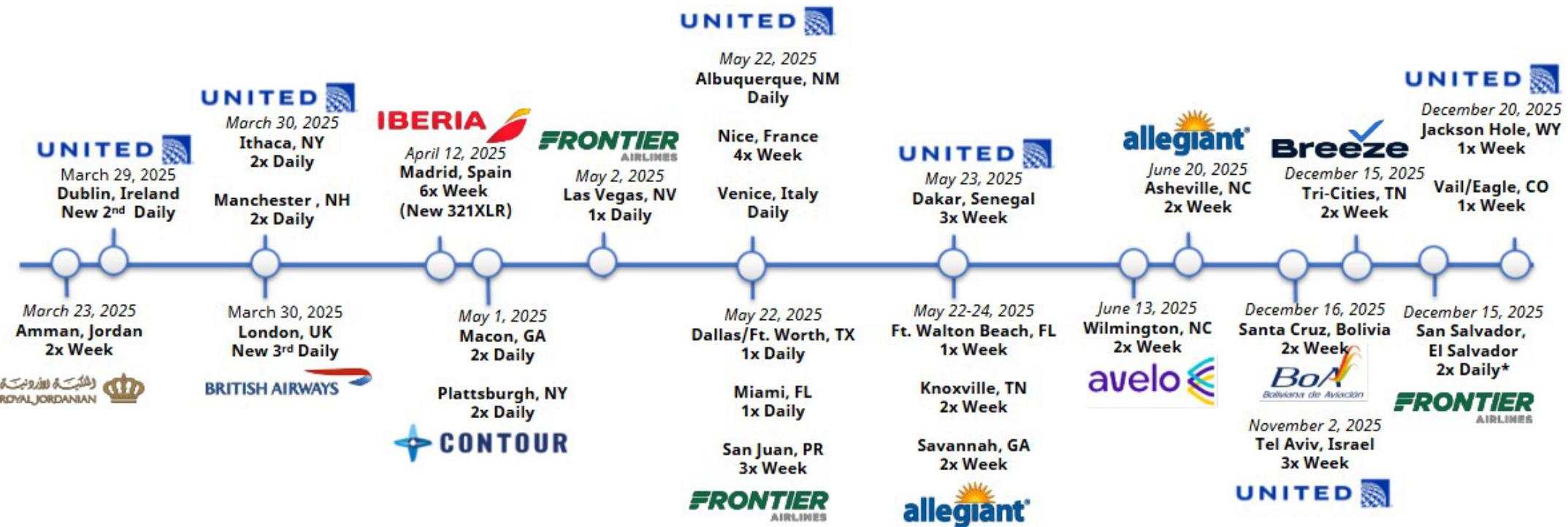


IAD via Two Airport System Set Passenger Records in 2025





New Airline Service to IAD Arrived in 2025





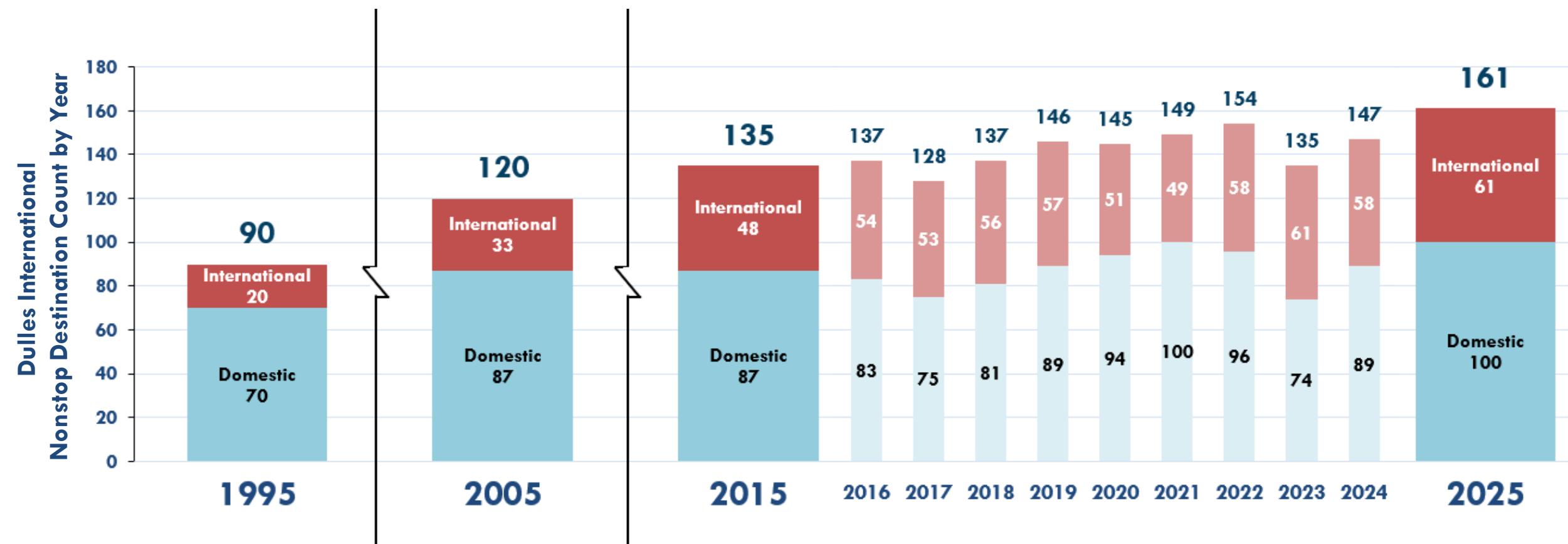
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IAD to Seoul – Coming SOON!



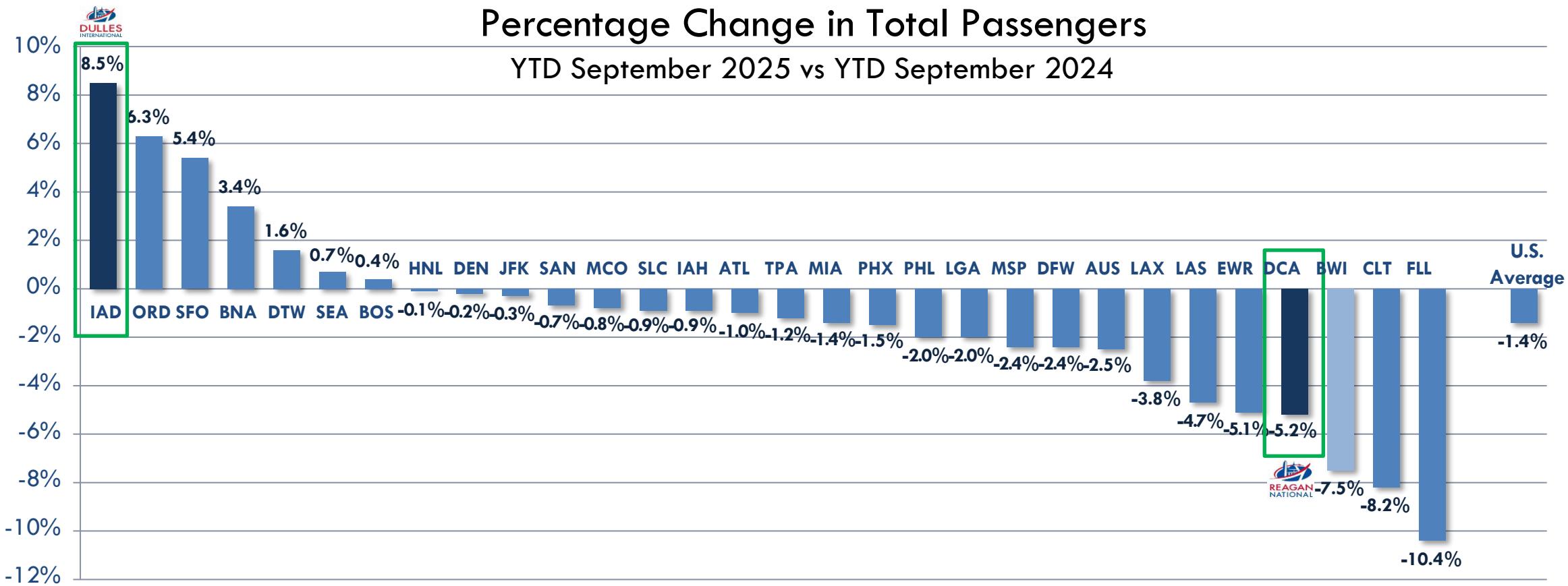


IAD Will Have the Most Nonstop Destinations In Its History





Top 25 Passenger Airport Growth Year Over Year





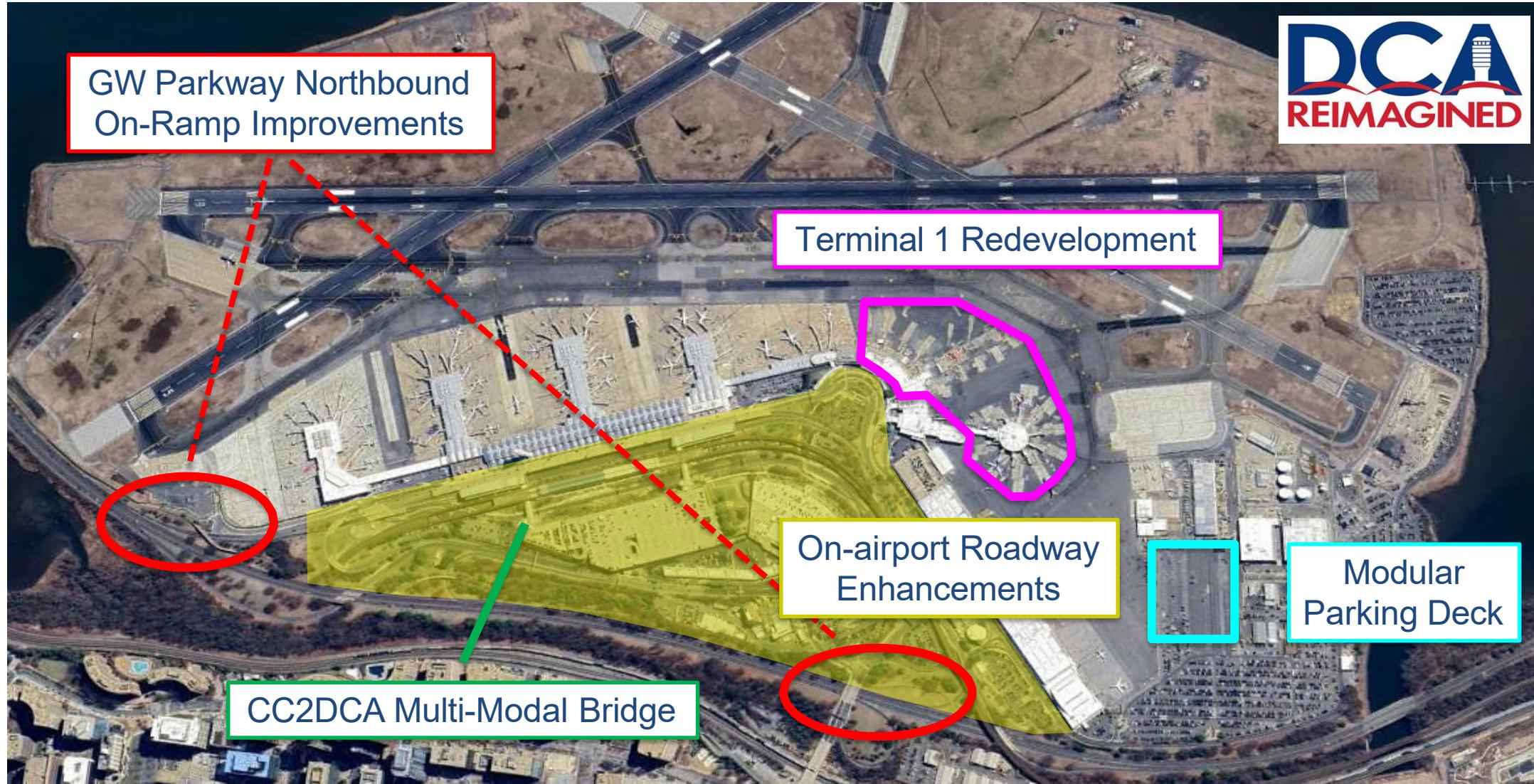
DCA Airspace

Critical Navigational
Surfaces Need To Be
Protected To Enable
Safe and Efficient Airport
Operations





Reagan National Key Projects





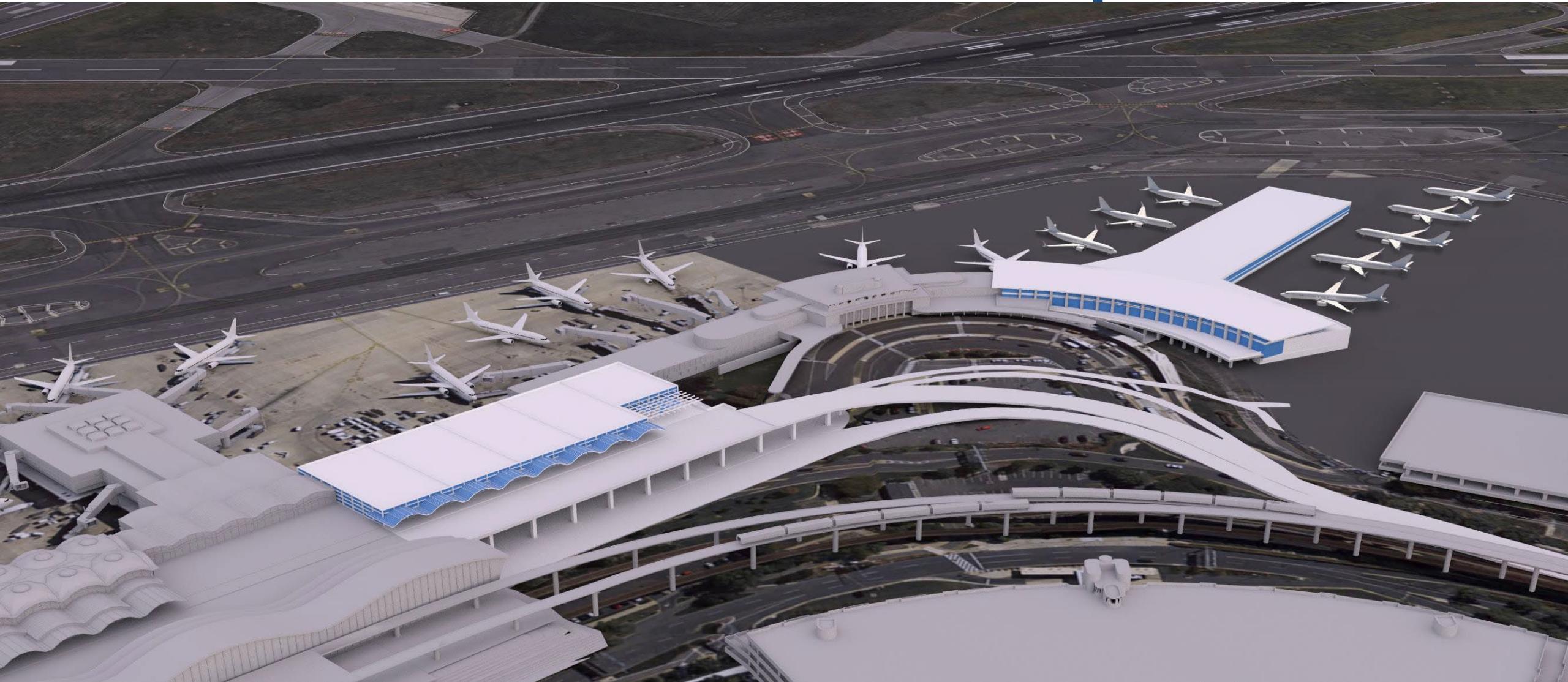
Existing DCA Terminal 1





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New Terminal 1 Concept





Future DCA Roadways, ConRAC & Parking



- Additional 6.8 lane-miles of New Roadway
- New Ground Transportation Center
- New Rental Car Center
- Additional Garage Parking



How do vehicles get on to the Airport?

58% *from SB GW Parkway*

32% *from Route 233 Bridge (Crystal City)*

10% *from NB GW Parkway*

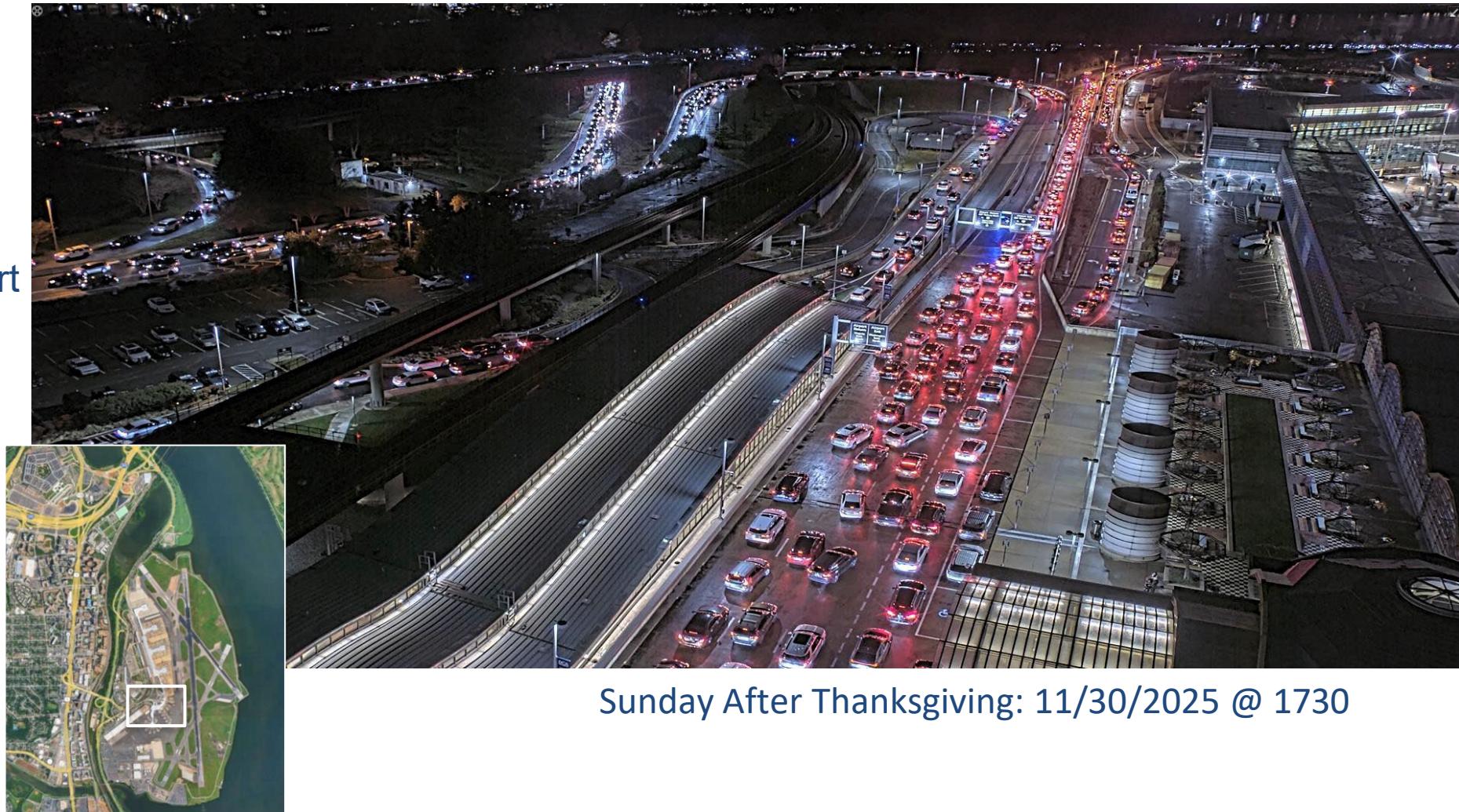




Holiday Traffic Operations

We have a shared problem

- Higher % of Private Vehicle During Holiday
- Entry and Exits to the Airport are pushed to the limits
- Backups from the Airport exits filter back to the curbsides and the garages

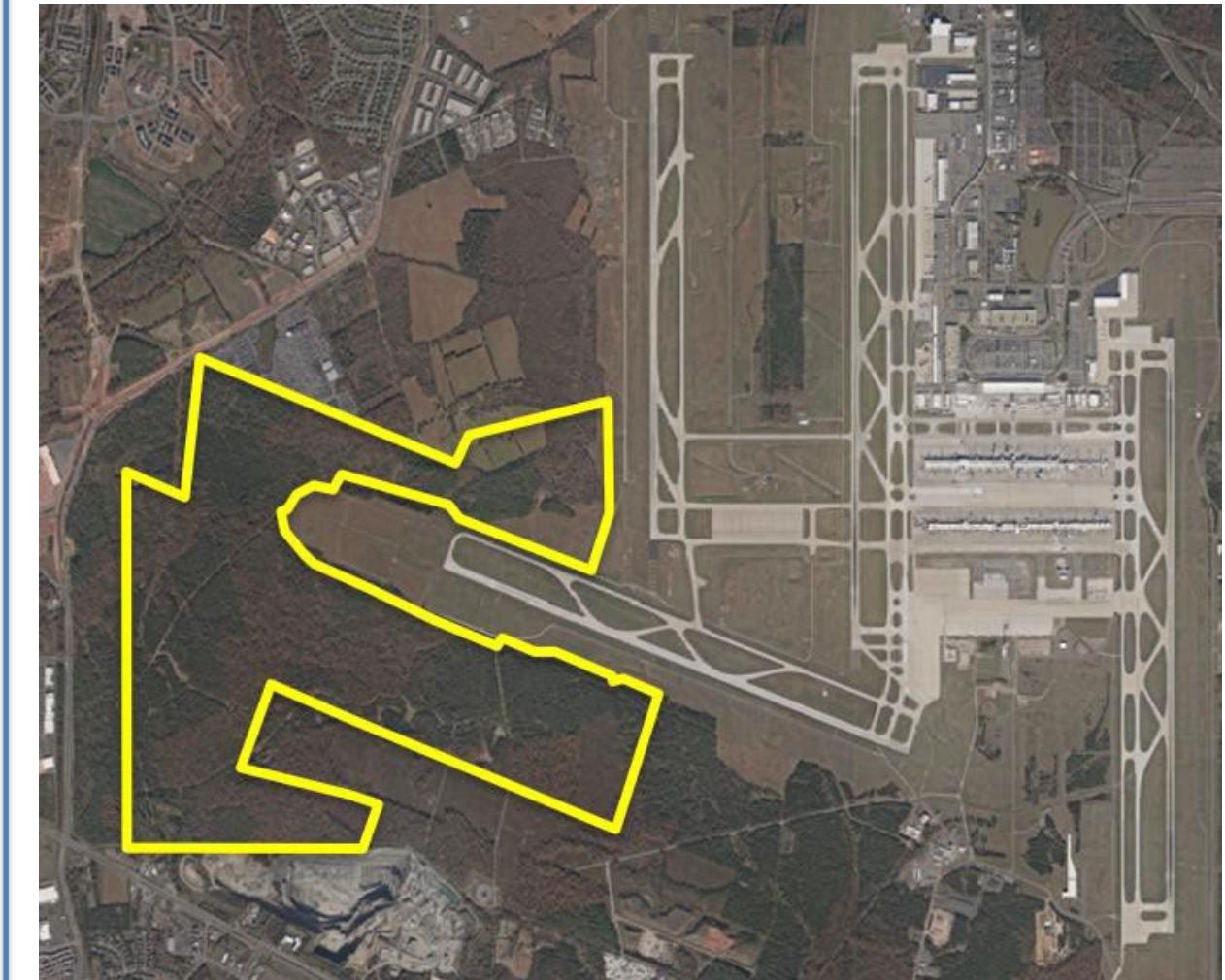




Dulles Solar Project



- 100-megawatt electricity production and storage project
- Partnership with Dominion Energy
- Emission-free renewable energy





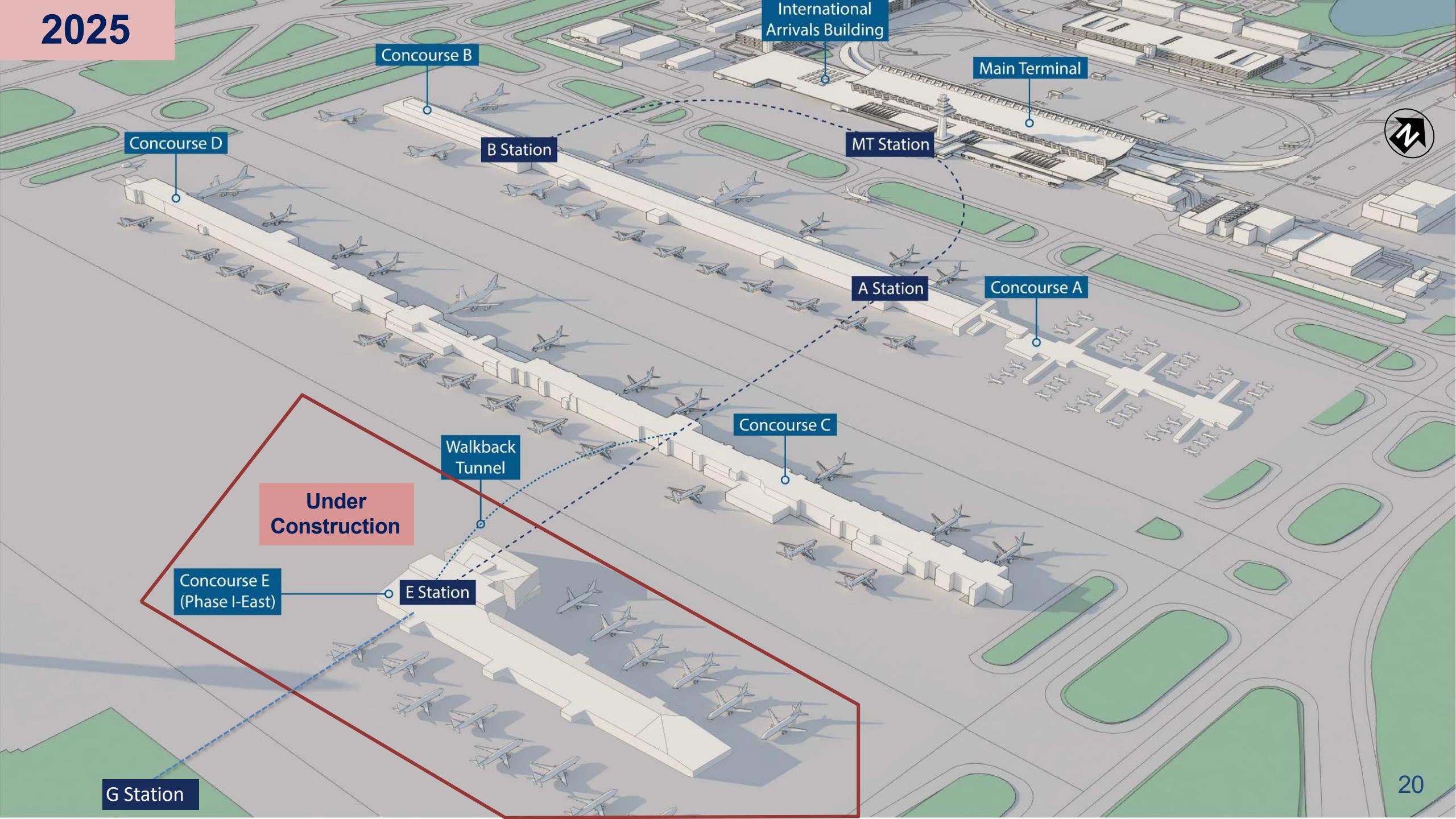
Concourse E First Phase Opens in 2026

Preparing for activation of state-of-the-art facility with:

- 14 narrowbody / 7 widebody gates
- 17 concessions locations
- Direct access to AeroTrain
- New United Club

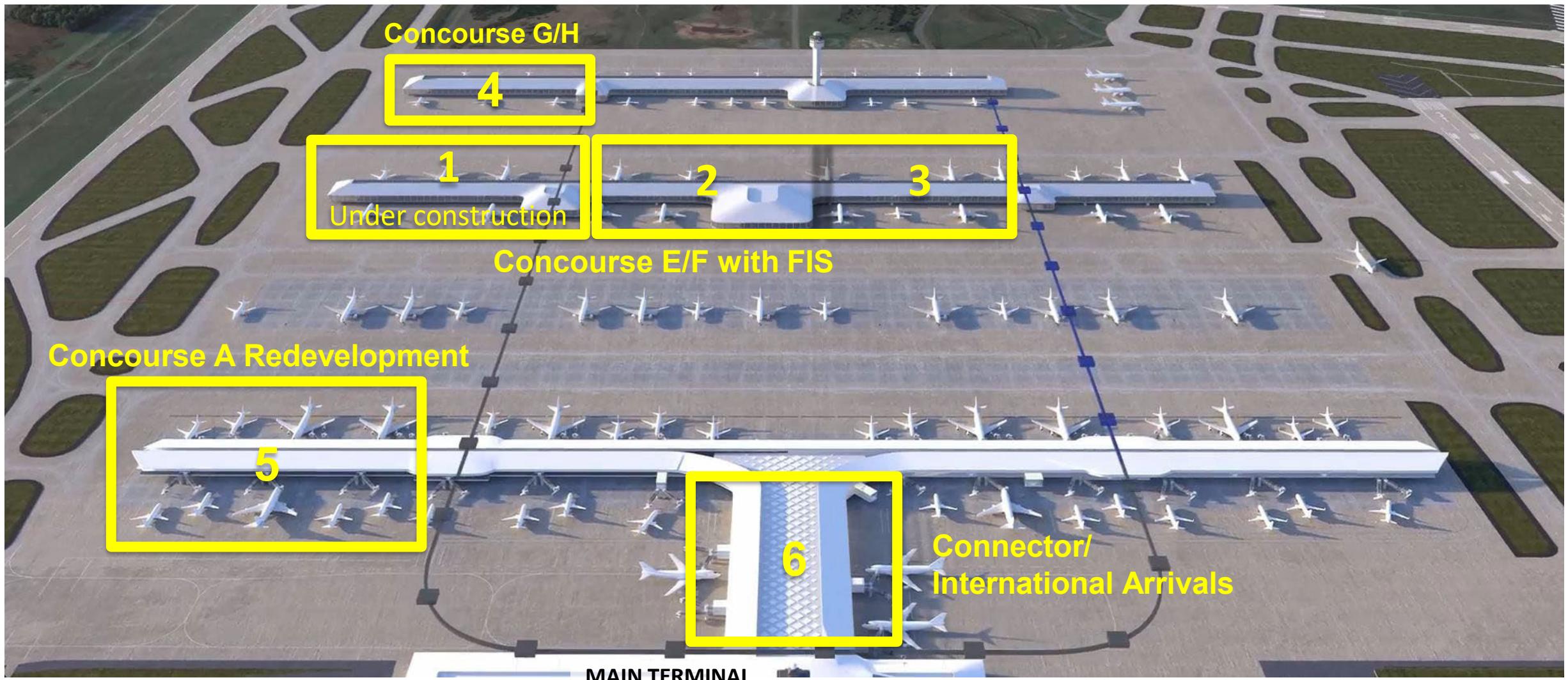


2025



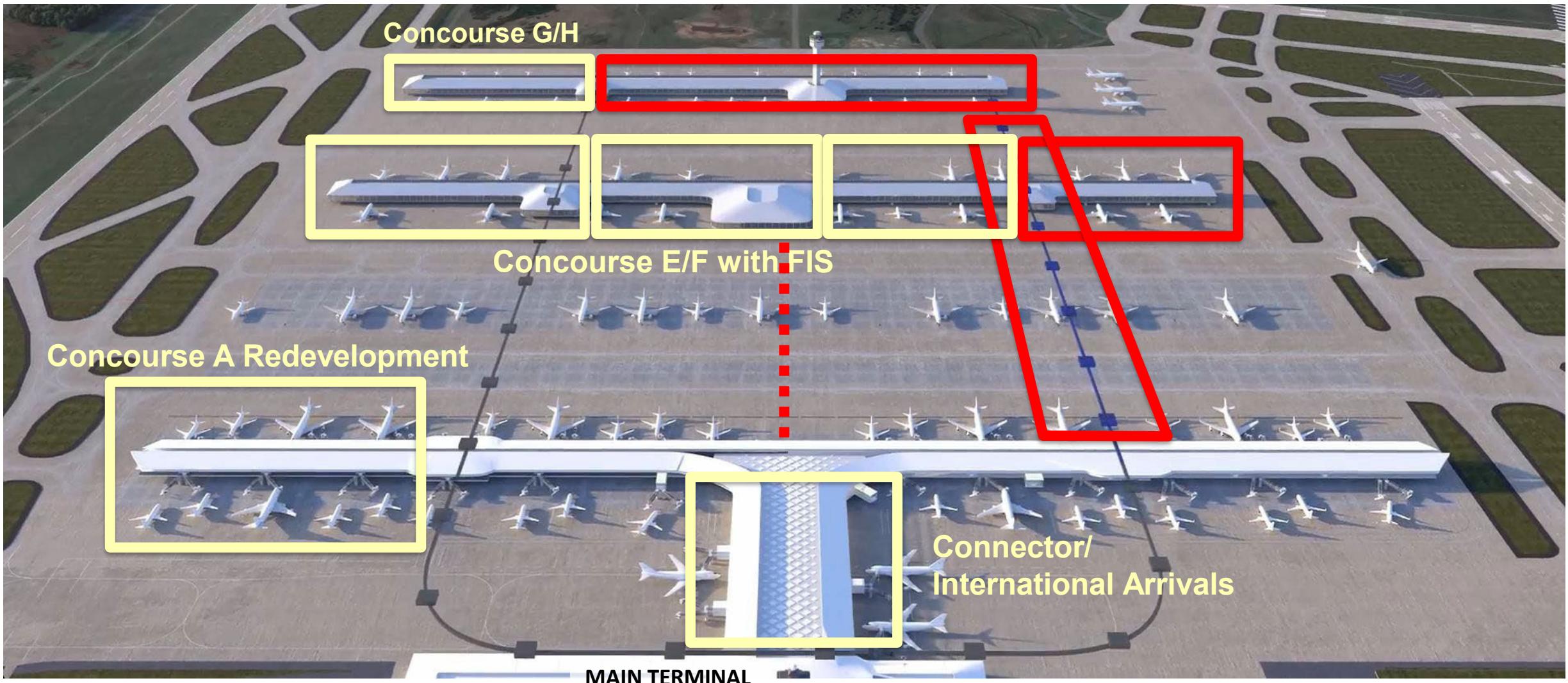


Airside 15-year Capital Plan





Concourse and AeroTrain Expansion Opportunities





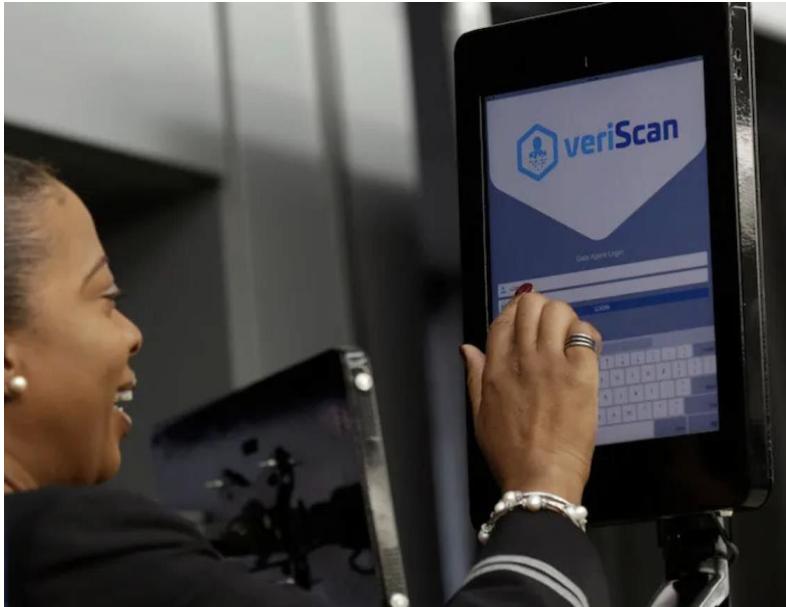
State of Transition at IAD

- Mobile lounges expected to remain a vital part of Dulles operations for another 15 years
- Multi-year overhaul underway to improve reliability, safety, comfort, environmental performance
- Needed for separating international arriving passengers, moving passengers to/from remote gates, backup for Aerotrain system
- Focus on improving passenger experience





Current Use of Technology to Improve the Passenger Experience



veriScan facial recognition technology speeds up international flight boarding with paperless process

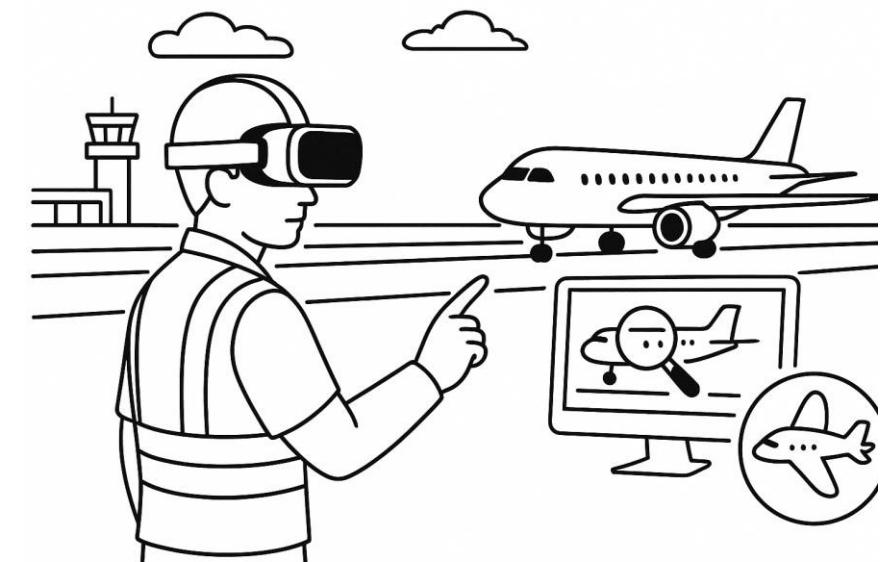


Light Detection and Ranging (LIDAR) monitor and optimize airport queues and flow to better manage passenger movement and reduce congestion



Maintenance and Airfield Management

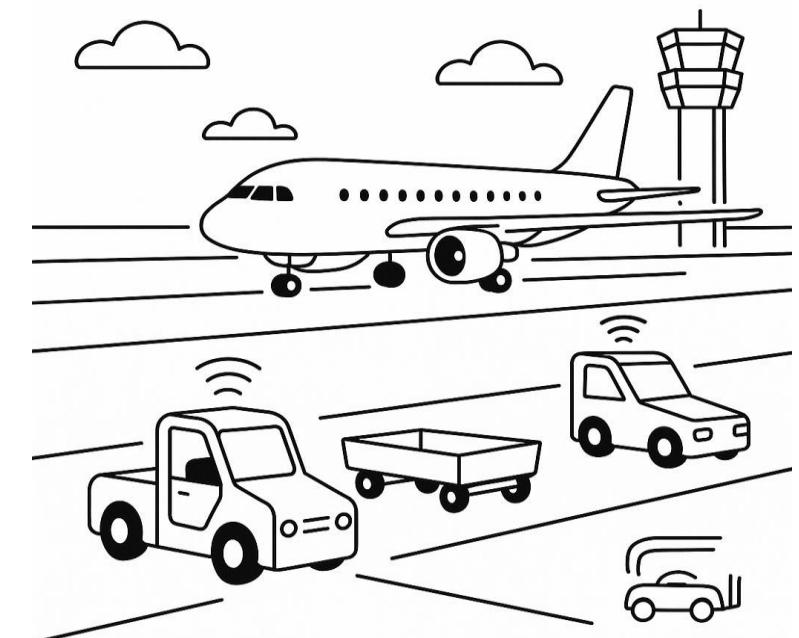
- Emerging tools and technologies will transform maintenance and airfield operations
 - Can improve safety and reduce training time
 - Artificial intelligence/computer vision enables smarter inspections and quicker maintenance work
- Concepts under consideration include virtual inspections, augmented reality asset manuals, AI enhanced maintenance planning





Autonomous Vehicles

- Driverless vehicles could boost efficiency, reduce costs of airfield operations
- Airfield autonomous vehicles could include tugs, dollies and baggage tractors
- Eventually could be used to transport passengers on airfield, in terminals and for landside uses such as parking shuttles
- Airports Authority attended an industry day at Schiphol Airport to learn more
- Monitoring application needs for DCA and IAD





Advanced Air Mobility

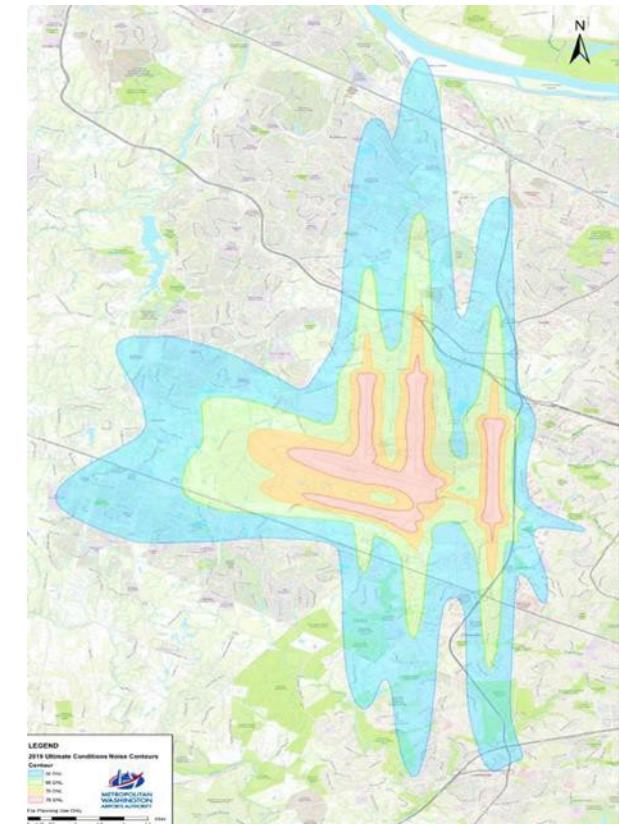
- Airports globally are monitoring the development of next-generation air mobility, other potentially disruptive technologies
 - Electric vertical takeoff and landing (eVTOL) concepts maturing quickly
- ‘Vertiport’ frameworks emerging at hubs like DFW
- National Capital Region’s congested airspace makes adaptation here more challenging
 - Airports Authority maintaining flexibility to adapt as market develops and engaging with industry to pilot when ready





Challenges on the Road to the Future

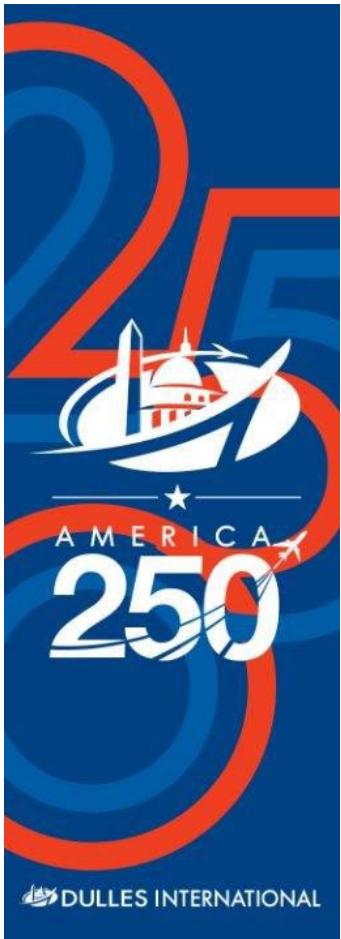
- Economic uncertainty
- Geopolitical unrest, conflict
- Political, regulatory uncertainty
- Airport encroachment (building heights, residential development)
- Federal partner staffing issues
- Congested roadways around airports





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America's 250th Anniversary Celebration





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@Dulles_Airport

@Dulles_Toll_Road



reaganairport

FlyDulles

dullestollroad

