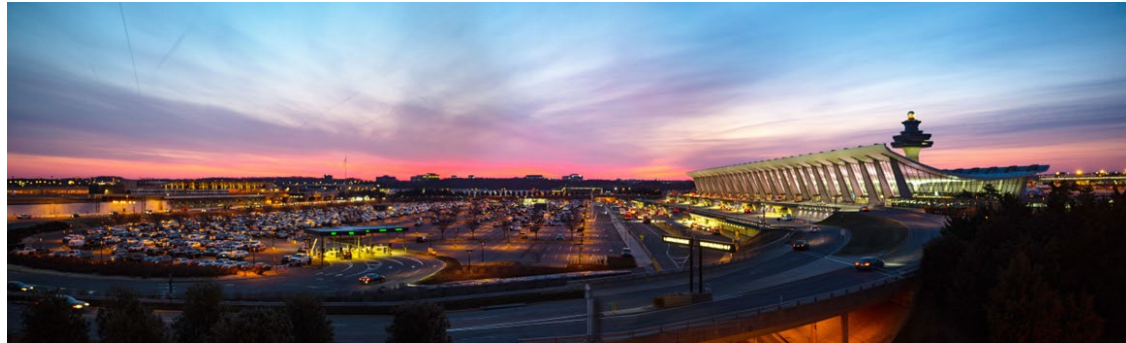




# Washington Dulles International Airport Overview

## American Society of Highway Engineers



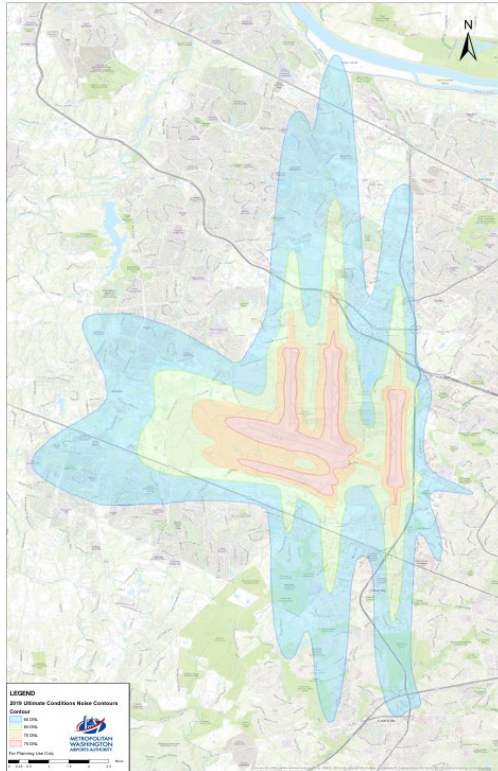
Richard Golinowski, Vice President and Airport Manager  
February 13, 2025

# Dulles Airport History

- First new airport in the world designed for the Jet Age
- Main Terminal designed by Eero Saarinen and was meant to evoke flight



# Siting of Dulles Airport

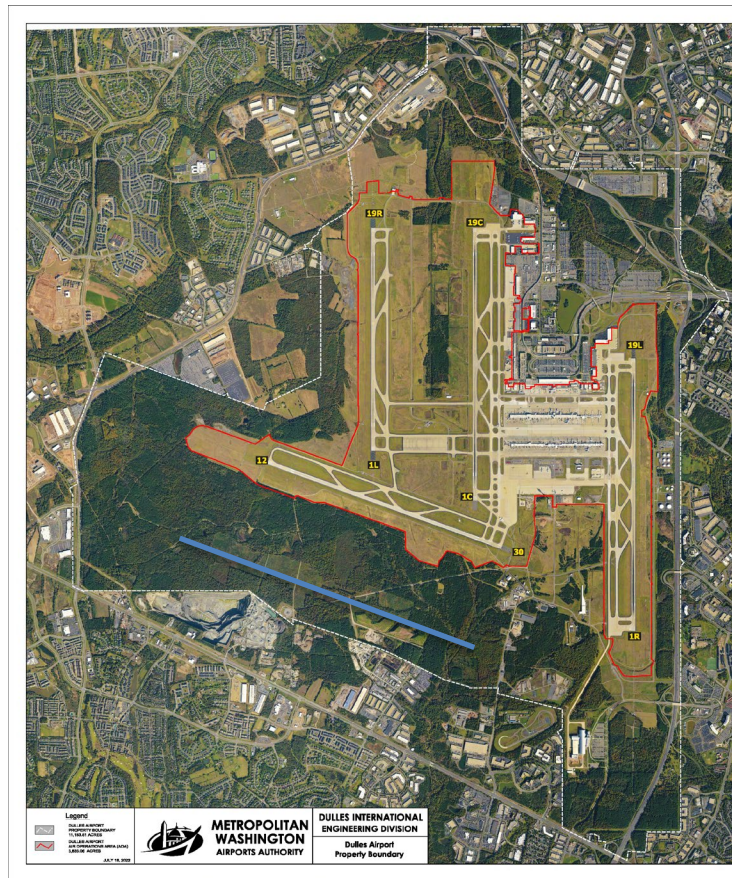


- Airport is 26 miles west of DC
- Site chosen to ensure sufficient space for
  - Long runways
  - Expansion of terminal facilities
  - Buffer zone to minimize noise pollution
  - Ease of access



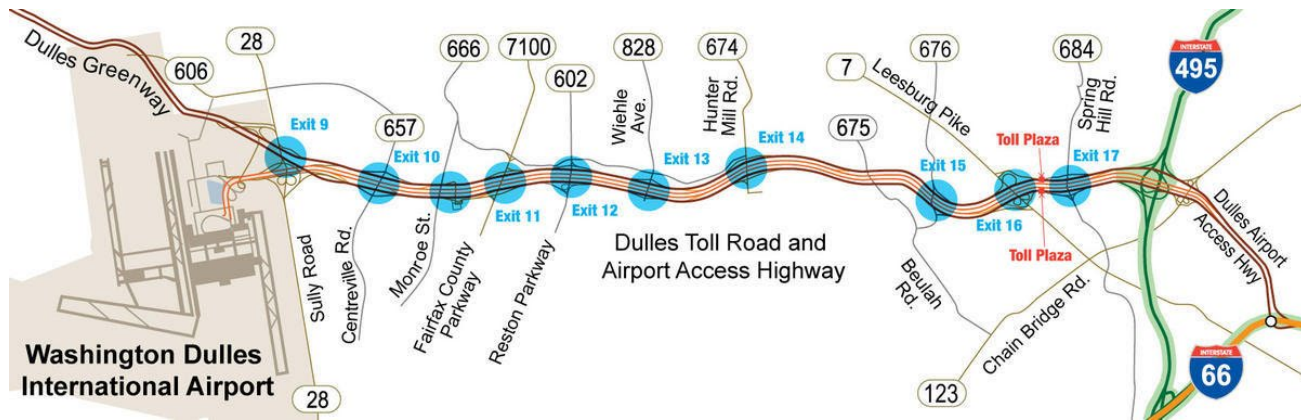
# Washington Dulles International Airport

- ~12,100 total acres with ~4,000 acres on AOA
- 26+ million passengers
- Can handle 55 million passengers
- 92 passenger loading bridges
- 139 aircraft parking positions
- 49 airlines serving 93 dom and 61 int'l destinations
- Approximately 1,000 operations per day
- United represents about 68% of our business
- Located in Loudoun and Fairfax Counties
- 3 fire stations and 1 police station
- 4th runway built in 2008
- 5th runway currently in our master plan
- 16 mile Dulles Airport Access Road
- 14 mile Dulles Toll Road





# Dulles Airport Access Highway and Dulles Toll Road



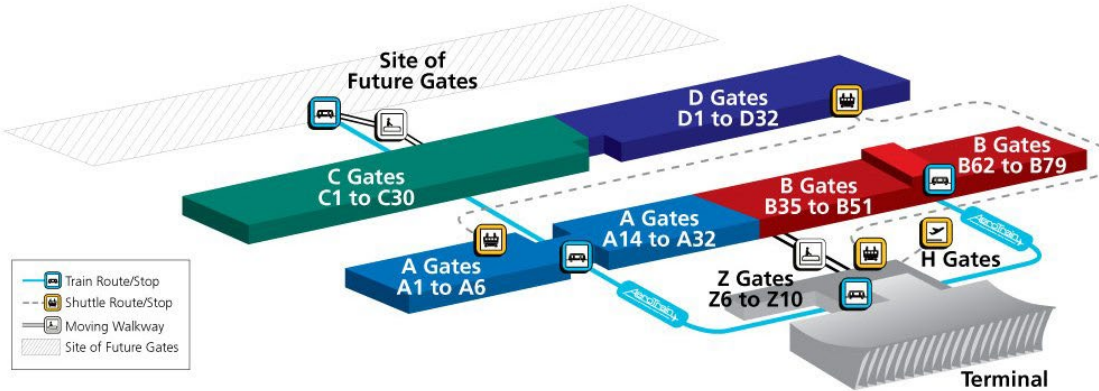
Dulles Airport Access Highway  
16.2 miles; Constructed 1959

Dulles Toll Road (VA 267)  
13.7 miles; Constructed 1982



Dulles Airport & Access Highway 1960s

# Mobile Lounges, Plane Mates, and Aerotrains



## 4 Towers



Air Traffic Control Tower (FAA)

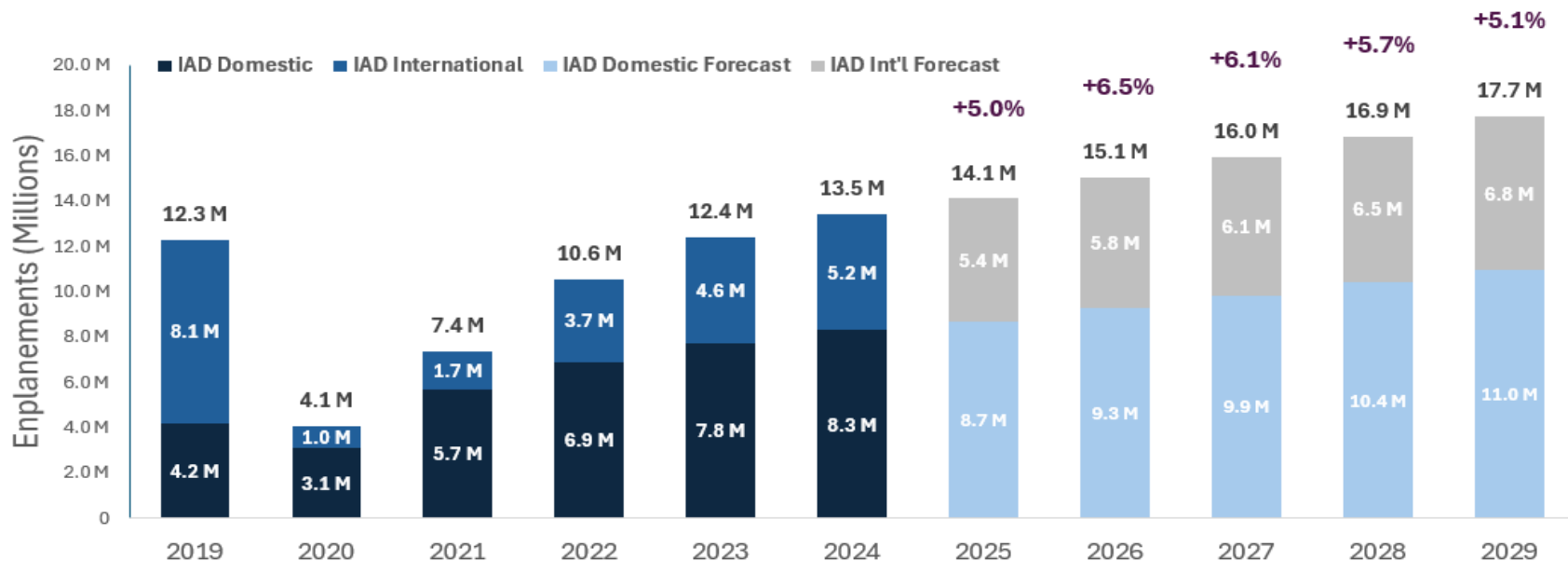
A/B Ramp Tower (MWAA)  
Echo Ramp Tower (MWAA)  
1962 Tower (MWAA)



# 32% Enplanement Growth in the next 5 Years

Actual

Forecast



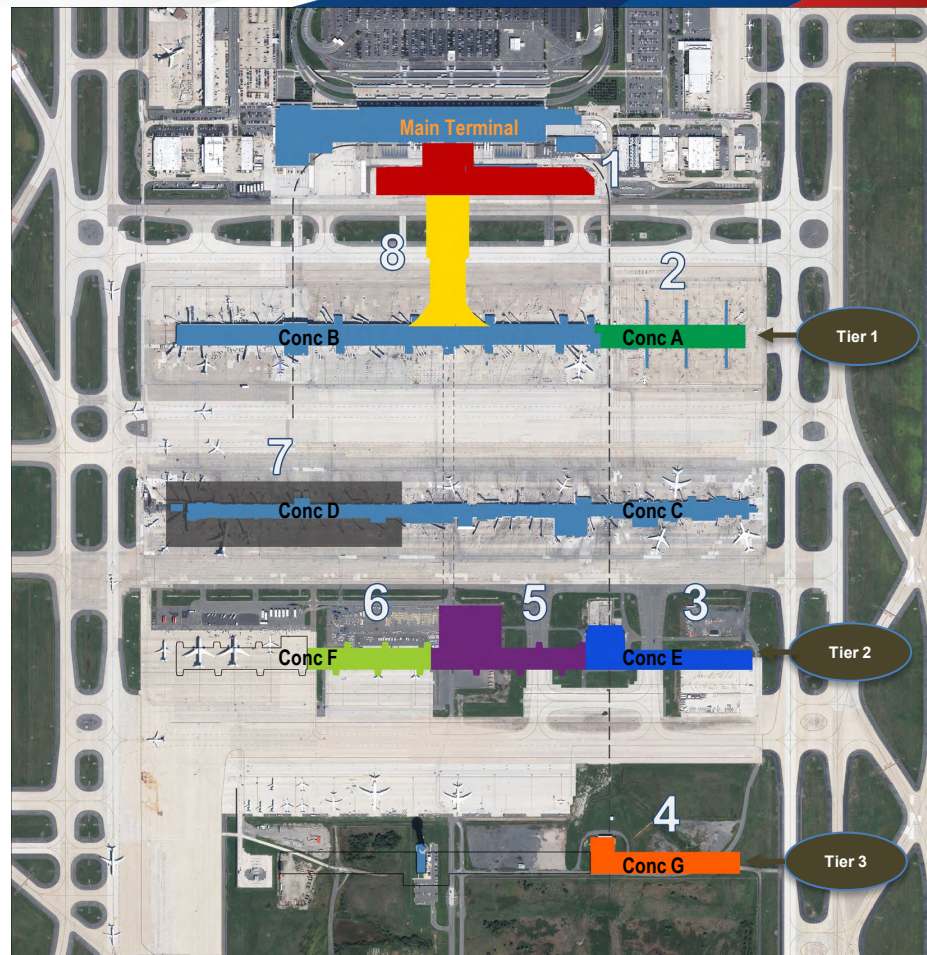
# DULLES **NEXT**

INTERNATIONAL



# 15-year Investment \$7.75B at Dulles

|   |                             |
|---|-----------------------------|
| 1 | Security Screening/Baggage  |
| 2 | Concourse A - Replace gates |
| 3 | Concourse E - Phase 1       |
| 4 | Concourse G - Phase 1       |
| 5 | Concourse E - Phase 2       |
| 6 | Concourse E - Phase 3       |
| 7 | Concourse D - Demolition    |
| 8 | Main Terminal Connector     |





# Dulles receives \$145M Grant for Concourse E



# Concourse E

- ✓ 14 New Gates
- ✓ 46,000 sq ft of concession space
- ✓ 40,000 sq ft of Airline Club space
- ✓ Direct link to Aerotrain





# Concourse E





# Modernizing our 1960s Mobile Lounges

Expected Ship date August 2026

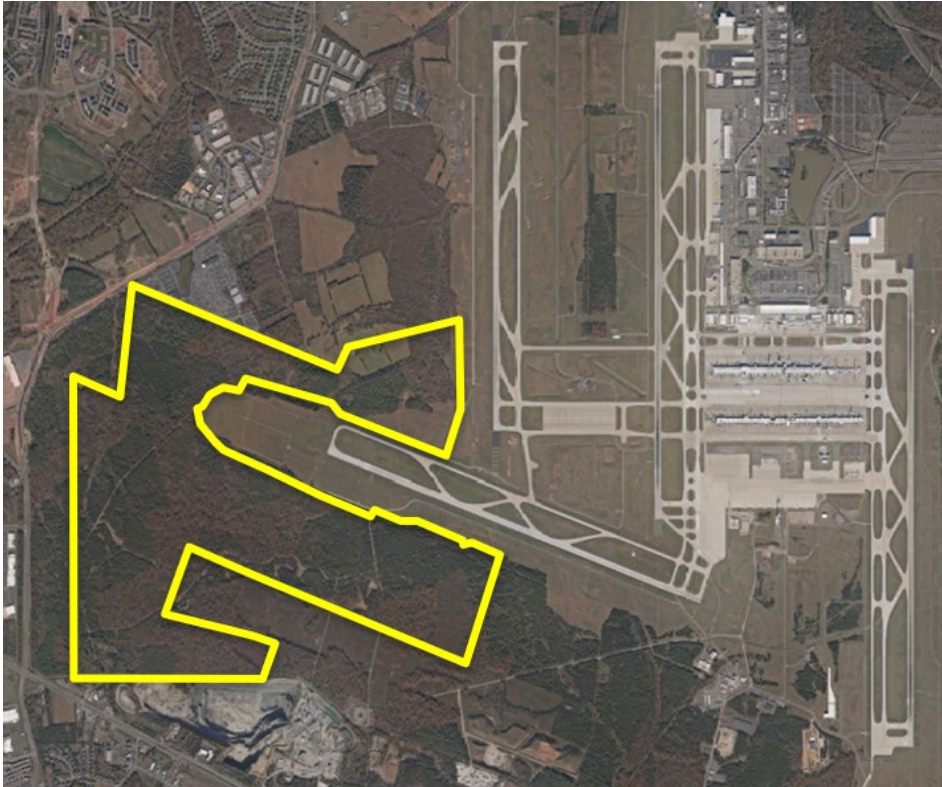


# Dulles Airport Master Plan





# Dominion Energy Solar Project



The Washington Post  
*Democracy Dies in Darkness*

TRANSPORTATION

## Dulles solar farm would be the nation largest at an airport

It would be among a growing number of airports to install solar arrays on otherwise undeveloped land

By Lori Aratani

Updated August 12, 2022 at 2:00 p.m. EDT | Published August 12, 2022 at 12:02 p.m. EDT



A rendering of the solar farm that is being proposed at Dulles International Airport near Washington. (Dominion Energy Virginia)

Listen 7 min | Comment 199 | Gift Article | Share

Dulles International Airport could soon be home to the largest airport-based solar and battery development in the United States, one that at



# Overview of Dulles Workforce



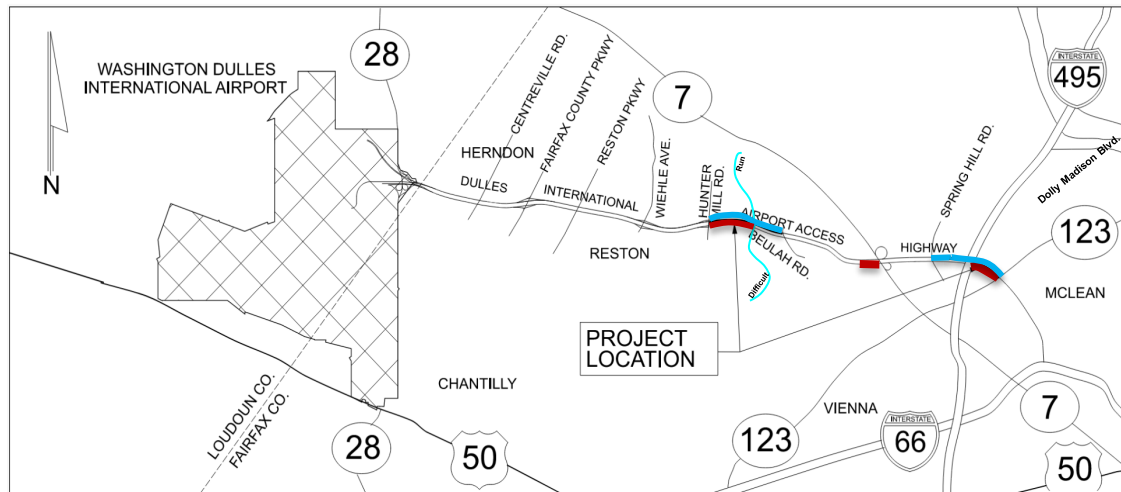
## 2024 Employee Population

|                        |               |
|------------------------|---------------|
| Airlines               | 9,118         |
| Other Aviation         | 6,867         |
| Tenants                | 1,952         |
| Service Comp           | 9,271         |
| US Govt                | 2,058         |
| Other Govt             | 912           |
| Volunteers             | 474           |
| MWAA                   | 875           |
| <b>Total Employees</b> | <b>31,527</b> |
| ✈ 699 Companies        |               |

**2023** : 28,478 Employees  
514 Companies

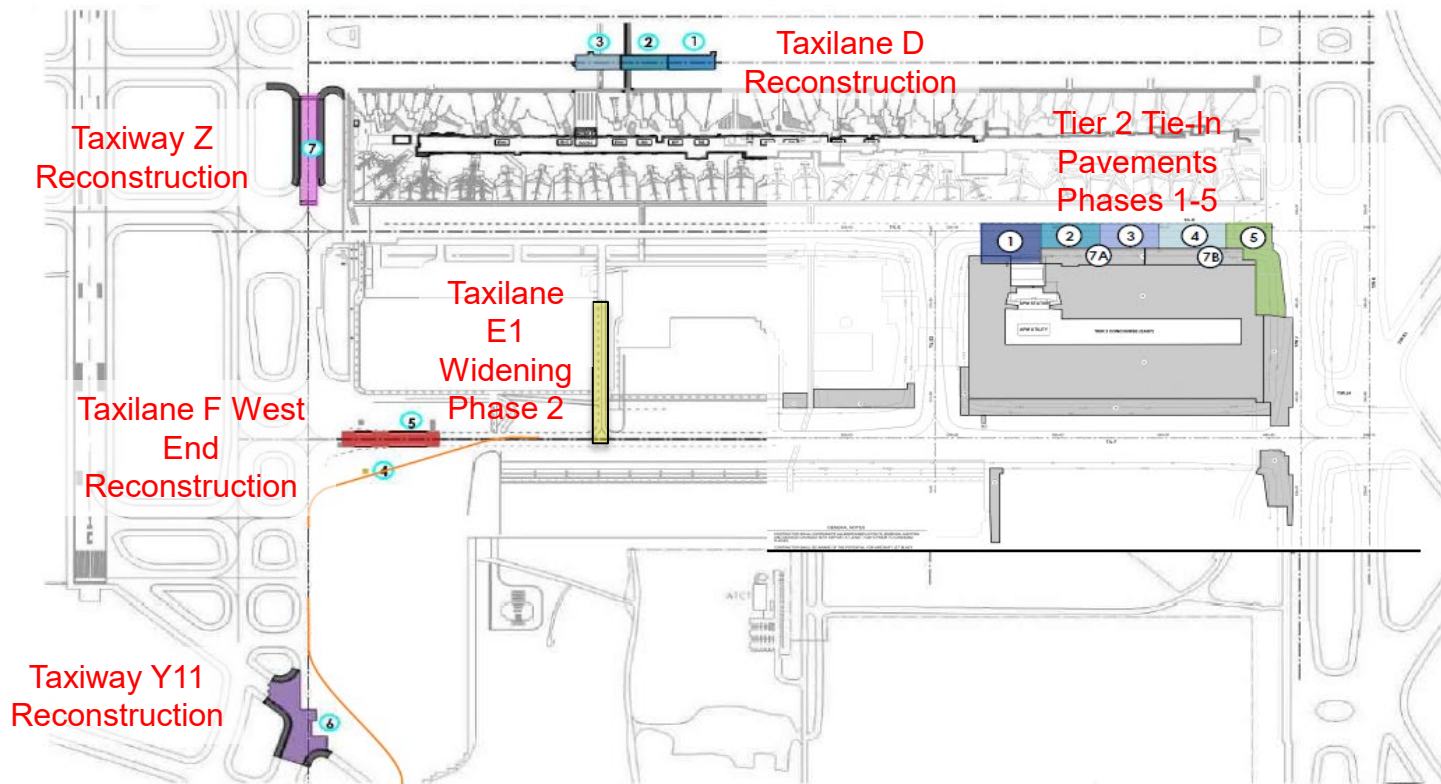
# 2025 Projects

# Dulles Airport Access Highway Rehabilitation





# 2025 Airfield Construction



# Runway 12/30 East End Repairs

## *Spring 2025 (Tentative)*

- Portions of the east end of runway 12/30 and taxiways Z and Y11 that were reconstructed in 2022 have defects.
- Slab replacements are tentatively scheduled for Spring 2025.
- Potential impacts for a 3-week project:
  - One-week full closure of runway 12/30 for demo and concrete work.
  - Two additional weeks of intersection departures from taxiway Y (9,600 feet available).



# Dulles Toll Road Drainage Repairs



Severe Ditch Erosion





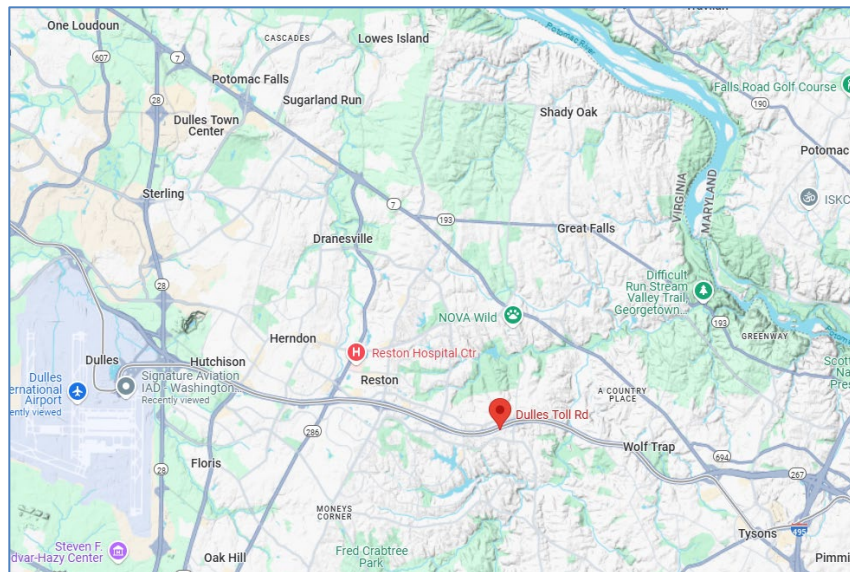
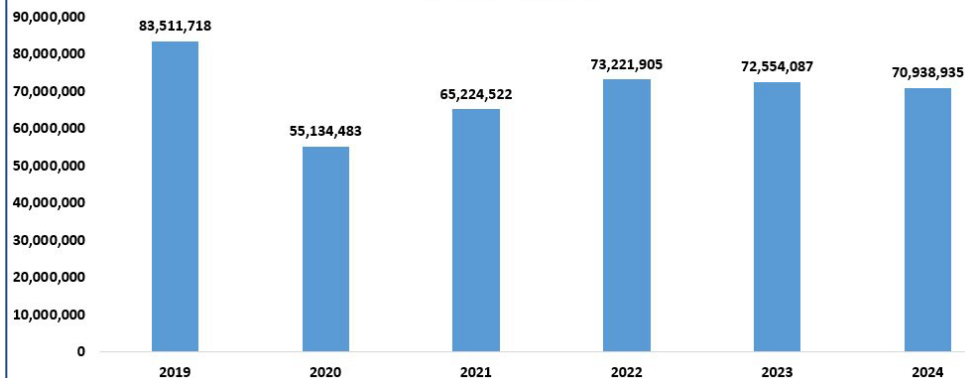
# Dulles Toll Road Intelligent Transportation System



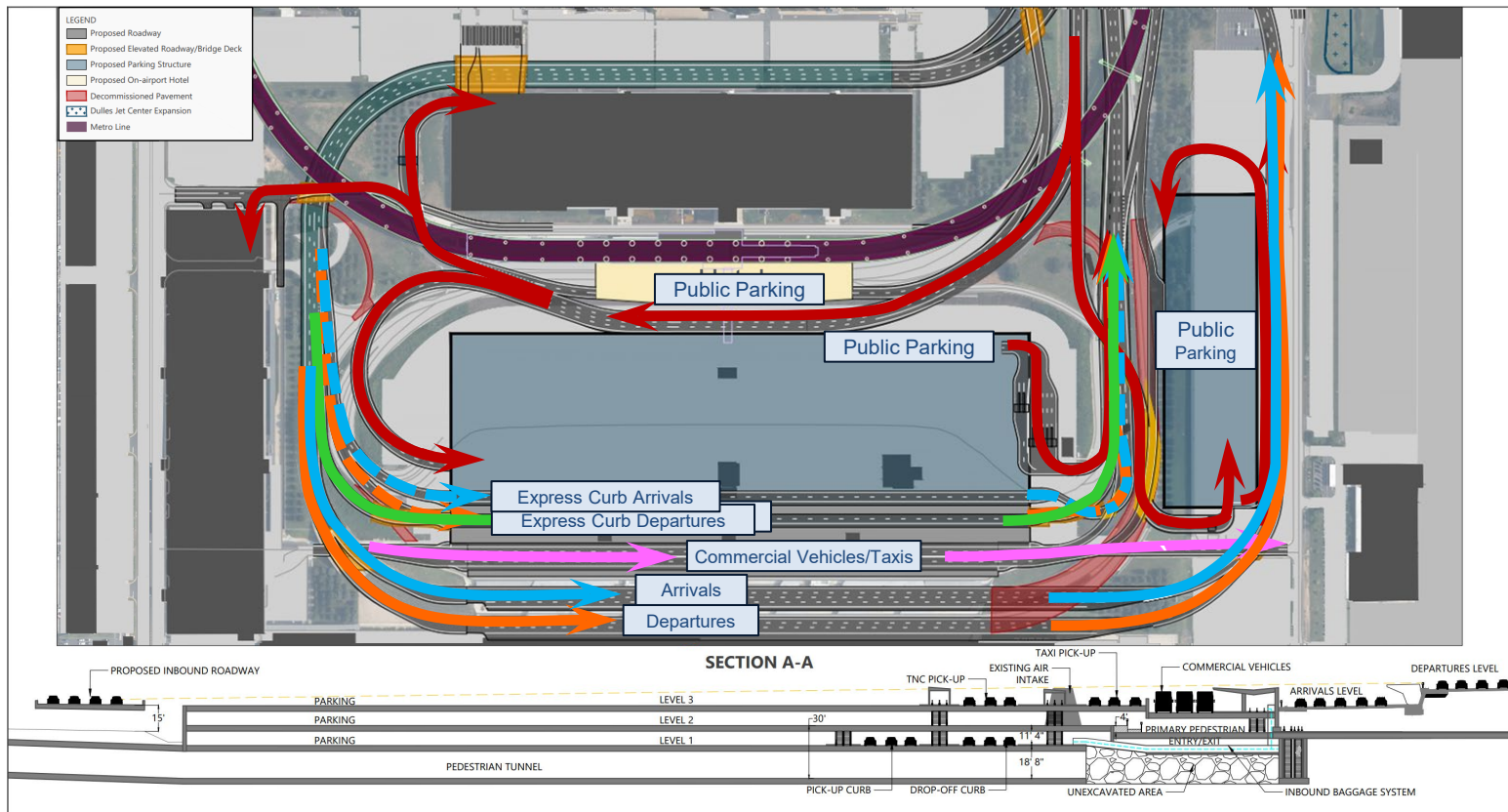
# Dulles Toll Road Traffic Study at Rt 7

## Transactions YoY 2023 vs 2024 2024 Transactions are **-2%** below 2023

Historical Transactions



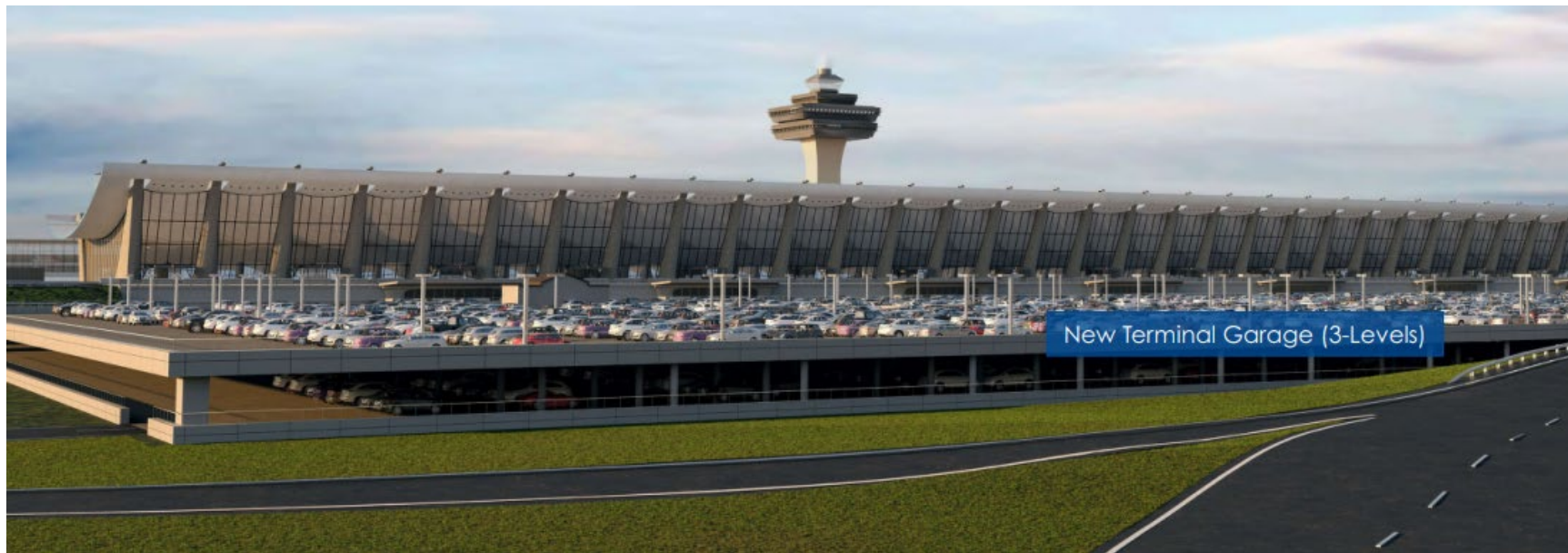
# 2025 & Beyond – Inbound Roadways & Garages



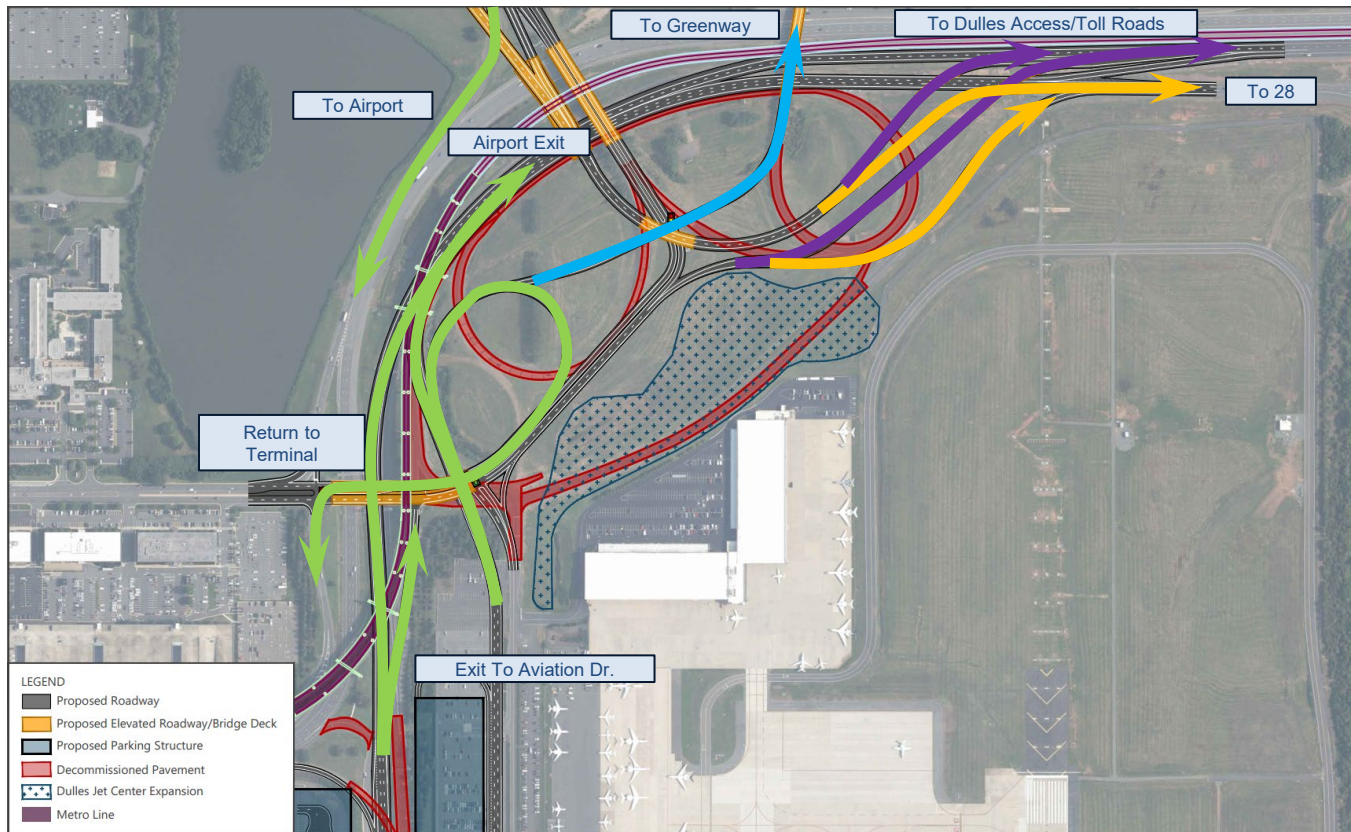
- ➔ Public Parking
- ➔ Departures
- ➔ Express Curb Departures
- ➔ Arrivals
- ➔ Express Curb Arrivals
- ➔ TNC/Taxi
- ➔ Commercial Vehicles



# 2025 & Beyond - Parking Garages



# 2025 & Beyond - Exit Roadways

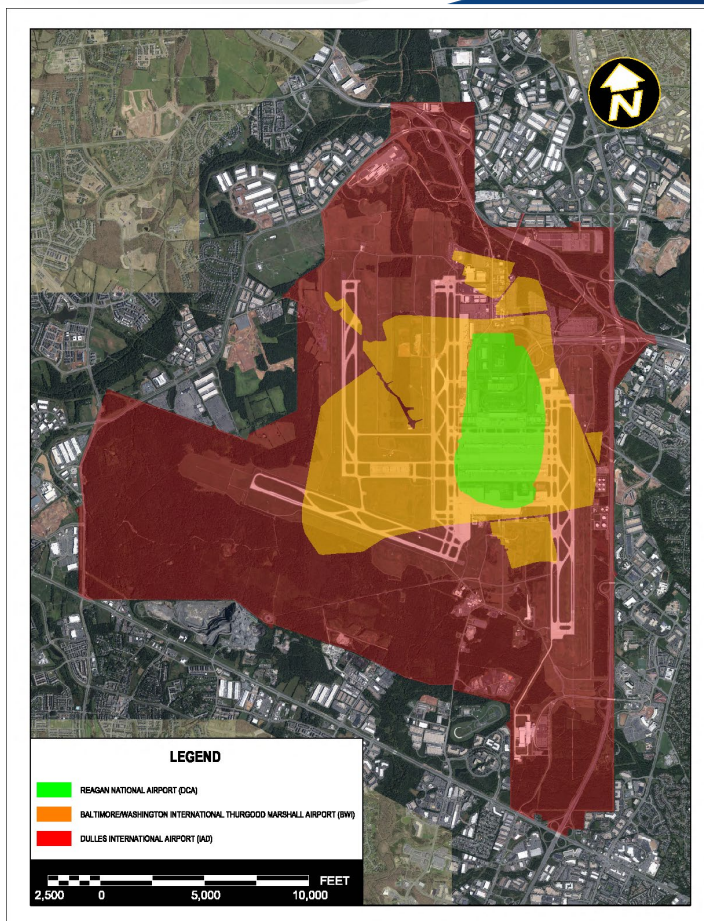


## Decide on Best Outbound Roadway

- Terminal Egress
- Parking Egress
- GT Egress
- Recirculation
- Wayfinding
- Access to:
  - DIAAH
  - DTR
  - Route 28
  - Dulles Greenway

- To/From Airport
- To Greenway
- To DIAAH/DTR
- To Rt. 28

# Dulles, National, and BWI







**DULLES**  
INTERNATIONAL

[FlyDulles.com](http://FlyDulles.com)



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