



METROPOLITAN  
WASHINGTON  
AIRPORTS AUTHORITY



# Metropolitan Washington Airports Authority

SAME Northern VA Post  
01 August 2019

# Agenda

1. What is MWAA?

---
2. Project Journey

---
3. Future of Trends at MWAA

---
4. Doing Business with MWAA

# What is MWAA?

- “Public body, corporate and political, and is independent of all other bodies”
- Created by the Metropolitan Washington Airports Act of 1986 to “plan, provide and actively manage world-class access to the global aviation system that serves the needs of the National Capital area”
- In 1987 the federal government transferred both airports and the Access Highway to MWAA under a 50-year lease
- MWAA is governed by a 17-member Board of Directors appointed from Virginia, Maryland, DC and the President
- MWAA operates two airports, the Dulles Toll Road and the construction of the Silver Line Metrorail Project

# Project Journey





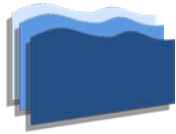
# Project Journey

Transforming the Passenger Experience



New Commuter Concourse

---



Expanded Security Checkpoints

---



Roadway Realignments & Improvements



# Project Journey Budget

## Reagan National *(in thousands)*

<b>New North Concourse</b>	<b>\$383,338</b>
<b>New North Concourse Enabling Projects</b>	<b>\$172,077</b>
<b>Secure National Hall</b>	<b>\$262,436</b>
<b>Roadways and Parking Garage</b>	<b>\$100,769</b>
<b>Total</b>	<b>\$918,619</b>

---

# Project Journey

## New Concourse



New concourse replaces 14 outdoor boarding gates with jet bridges, spacious seating areas and new concessions



# Project Journey

View at Center of  
Connector Looking North



New concourse replaces 14 outdoor boarding gates with jet bridges, spacious seating areas and new concessions

# Project Journey

View at Centrum  
Looking NE



New concourse replaces 14 outdoor boarding gates with jet bridges, spacious seating areas and new concessions

# Project Journey

View at Centrum  
Looking SW



New concourse replaces 14 outdoor boarding gates with jet bridges, spacious seating areas and new concessions

# Project Journey

View at Centrum  
Looking NE



New concourse replaces 14 outdoor boarding gates with jet bridges, spacious seating areas and new concessions

# Project Journey

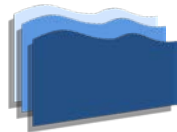
View at Concourse End  
Looking NE



New concourse replaces 14 outdoor boarding gates with jet bridges, spacious seating areas and new concessions

# Project Journey

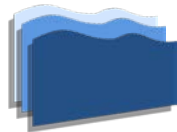
## Expanded Security Checkpoints



Two new checkpoints, with space for 28 screening lanes, that connect concourses and improve passenger flow

# Project Journey

Secure National Hall  
New SIDA Separation



Two new checkpoints, with space for 28 screening lanes, that connect concourses and improve passenger flow

# Project Journey

## Initial Roadway Alignments & Improvements



Future project work to improve traffic flow, minimize traffic lights and reduce congestion on airport roadways



# Project Journey

## 2019 Milestones

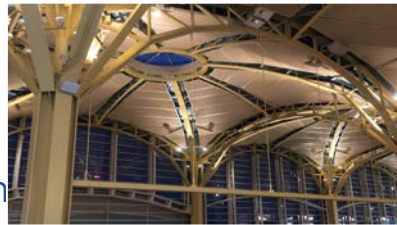
### New Security Checkpoints

Roadway lowering  
and realignment



Structural steel above  
roadways

Removal of moving  
walkways in  
pedestrian tunnel



Security wall and mesh  
at ticketing level

### New Concourse

Structural steel erection



Phase II of Aircraft  
parking apron  
surcharge

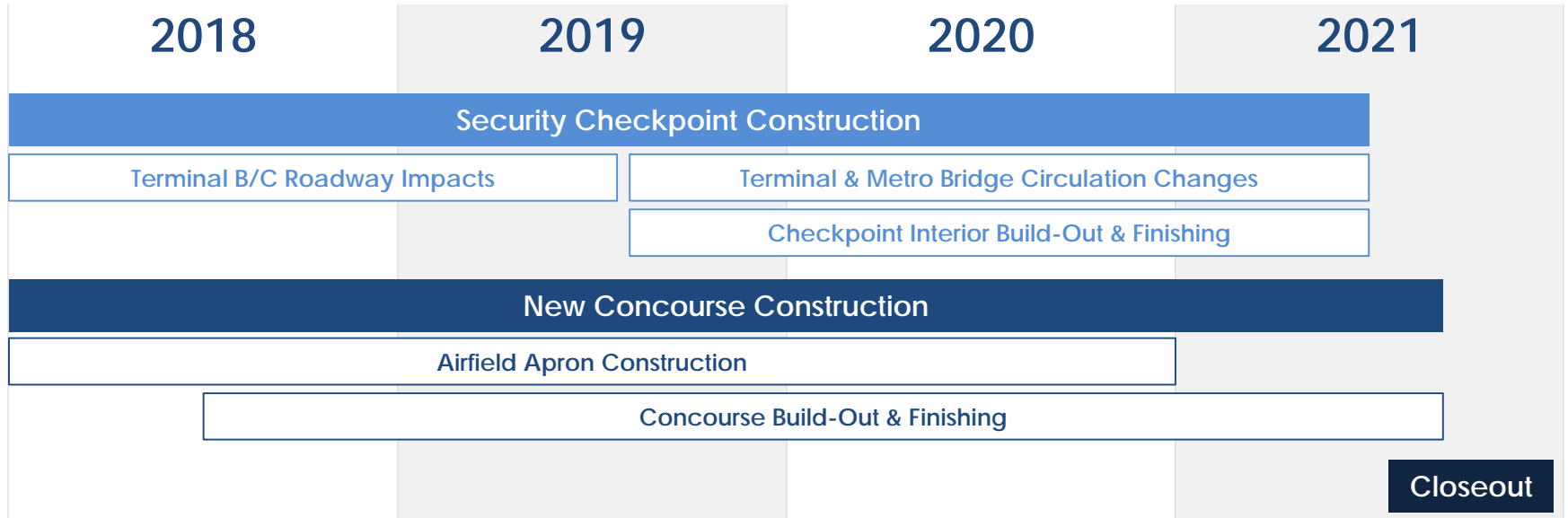
Underground utilities  
and fuel line



Begin interior concourse  
construction

# Project Journey

## Construction Timetable



# The 2015-2024 Capital Construction Program

## \$1.9 Billion 2015-2024 CCP Construction Costs\*

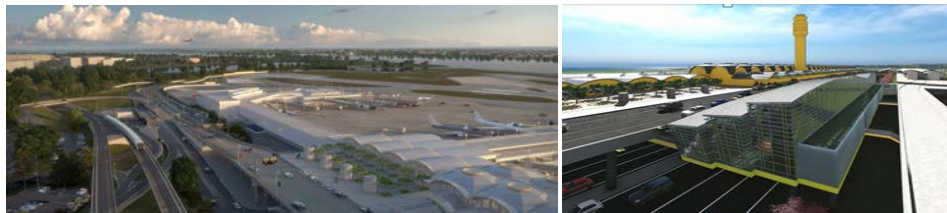
### Reagan National (in thousands)

New North Concourse (Project Journey)	\$383,338
New North Concourse Enabling Projects (Project Journey)	172,077
Secure National Hall (Project Journey)	262,436
Roadways and Parking Garage	100,769
Terminal A (Preliminary Planning), Various Airfield, Roadway, Utility and Other Projects	306,035
<b>Total</b>	<b>\$1,224,654</b>

### Dulles International (in thousands)

Airfield Projects	\$194,727
Terminals	221,901
Utility Systems	54,771
Access Highway Improvements	39,064
Other - Technology, AeroTrain Major Maintenance Cycle, Mobile Lounge, Rehabilitation and Various Other Projects	141,787
<b>Total</b>	<b>\$652,251</b>

### New North Concourse and Secure National Hall



### AeroTrain Major Maintenance



### Airfield Projects



\* Costs are in 2018 Dollars

Source: Report of the Airport Consultant (2018)

# MWAA Services Continue To Grow

## Potential Passenger Service

- Airline Hub expansion
- International service expansion
- Growth in local demand and domestic connecting flights for international passengers

## Potential Cargo Service

- Medium-size hub for integrated cargo carrier
- Expansion of international cargo carriers
- Addition of an eCommerce carrier

Existing International Destinations and Regional Forecast Passenger Growth to/from U.S. between 2018 and 2035 <sup>1/</sup>



Source: SOURCES: Esri, HERE, DeLorme, MapmyIndia, OpenStreetMap contributors, and the GIS user community, May 2018 (basemap); Diio Mi Schedule Dynamic Table Report, June 2018 (data); OpenFlights.org, June 2018 (flight arcs); National Science Foundation, National Institutes of Health, 2016 (countries); FAA Aerospace Forecast Fiscal Years 2018 – 2038, Federal Aviation Administration, May 2018 (forecast growth in passengers).

## Market Reach

**Over 56% of the U.S. population resides within an overnight drive from Washington Dulles**

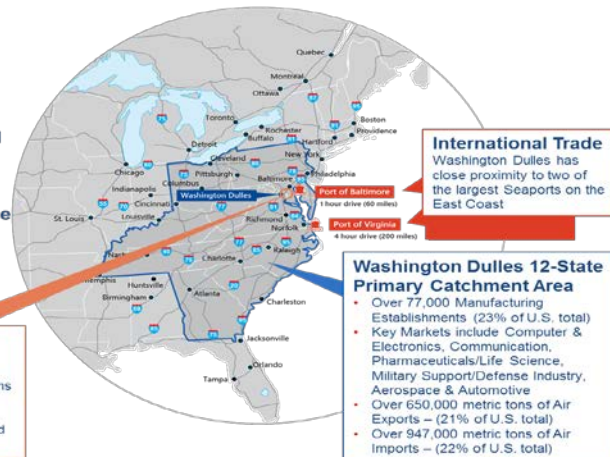
Excellent road network and access to all major trade markets and regions

**Washington Dulles is centrally located in one of the most important economic regions of the U.S.**

Region represents 55% of U.S. GDP

### Greater Washington D.C. Area

- One of the largest and most diverse international communities in the world
- Home to more than 1,000 foreign-owned firms from 50 countries
- Over 400 International Associations
- More than 1,000 International Institutions and non-government organizations



Source: MWAA, 2015 Air Service Development Industry and Community Briefing, November 2014

# Future Trends at MWAA

- Expect 2025-2035 Capitol Construction Program to have greater focus on Dulles
  - Possible Terminal or Concourse improvements
  - Landside development and cargo services through P3 or other innovative financial arrangements
  - On-site renewable power generation and storage
- DCA focus on South Area development and roadways.
- Enterprise Asset Management
- Automation of services (busing, remote baggage check-in, rental car pick-ups, etc)
- Uber and Lift greatly changing landscape of airports
- Sustainability

# Doing Business with MWAA

- **Consultants support full suite of engineering, professional services, construction and facilities requirements**
  - **Planning** – Single Award Task Order Contract (5 years) awarded in 2017
  - **Environmental** – NEPA part of planning contract. Services administered by both airports
  - **Design** – Several A/E Task Order Contracts (Horizontal/Vertical/MEP/Specialties). 3-5 year terms
  - **Construction** – Numerous D/B and DBB opportunities annually
  - **Construction Management** – Task Order Contracts (5 years) awarded in 2016
  - **Services and Maintenance** – Multiple contracts administered by both airports
- **Incorporating more innovative contracting strategies**



# How is work procured?

- Competitively procured - advertised on MWAA website ([mwaa.com/business](http://mwaa.com/business))
- MWAA Procurement Manual or FAR
- **CCP-Construction Services**
  - Procurement method is project specific:
    - Horizontal, civil work typically DBB unit price (LDBE or DBE)
    - Vertical, new or renovation-varies (LDBE)
    - Construction Manager at Risk (on going opportunities DCA)
    - **NEW**-Multiple Award Construction Contracts (DB capable) (Heads up!)
- **COMIP-Construction Services**
  - May be DBB or Task Contracts-lower task order \$\$ threshold than CCP
  - COMIP Task Contracts- may be full service or trade specific

# Upcoming Opportunities

- See Quarterly Forecast on MWAA's website or board minutes
- IAD Concourse C/D Rehab – mid 2019
  - D/B horizontal work (Fuel lines, fuel pits and apron panels)
  - D/B interior work (Mechanical and Plumbing systems, architectural repairs)
  - DBB stand alone electrical system upgrades
- Dulles Toll Road/Dulles Access Road
  - Interchange upgrades – 2019-2020
  - Miscellaneous Bridge Repairs-TBD
  - ITS design build – late 2019
- Multiple Award Construction Task Order – late 2019

Other current and upcoming contracting opportunities can be found at:  
[www.mwaa.com/business/upcoming-contracting-opportunities](http://www.mwaa.com/business/upcoming-contracting-opportunities)





METROPOLITAN  
WASHINGTON  
AIRPORTS AUTHORITY

MWAA.COM



@Reagan\_Airport

@Dulles\_Airport

@Dulles\_Toll\_Road



reaganairport

FlyDulles

dullestollroad

