



# BNA VISION - Dynamically Accommodating Growth at Nashville International Airport

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Robert Ramsey, COO

Traci Holton, Chief Engineer

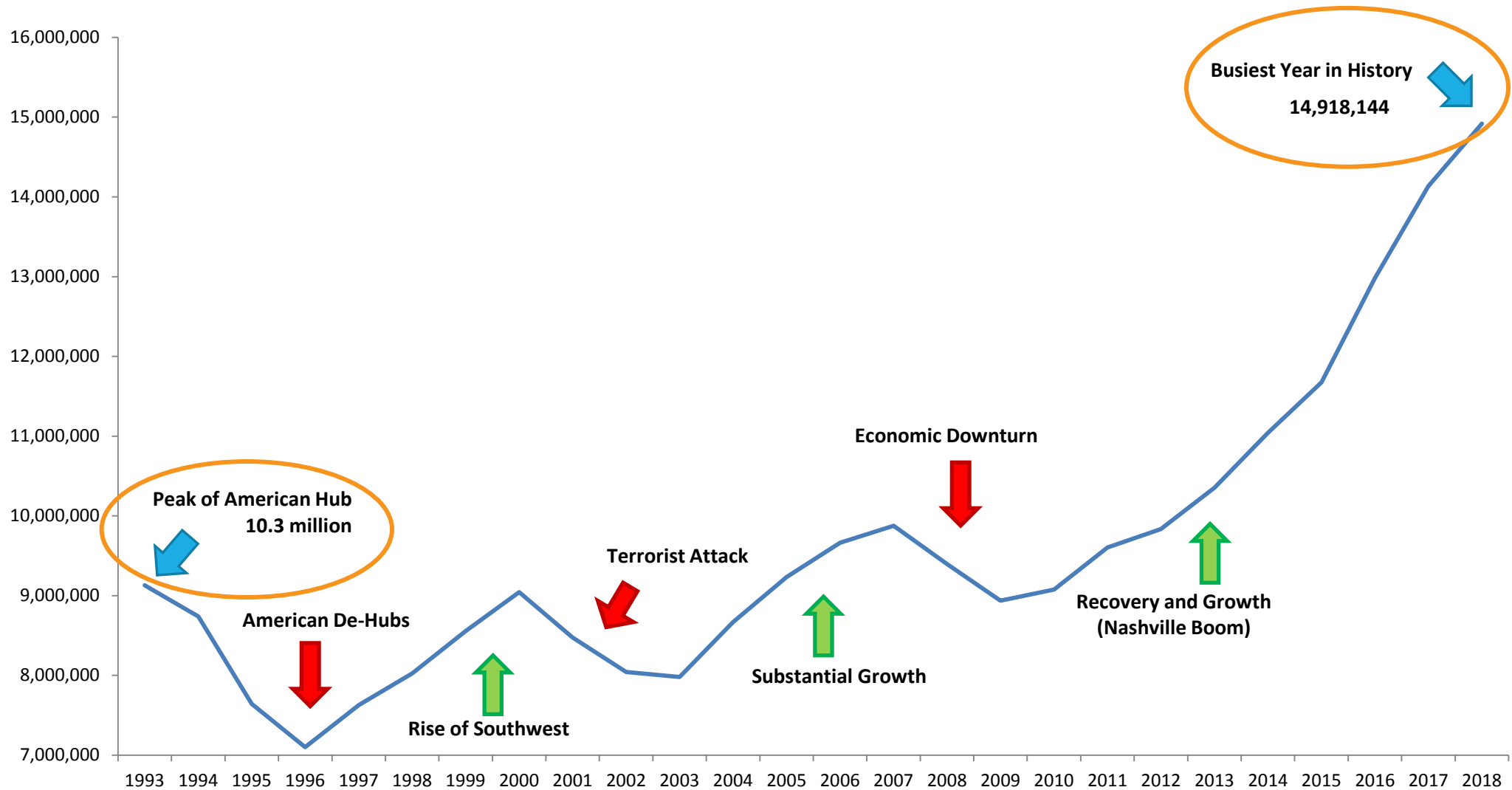
# OUR BNA TODAY

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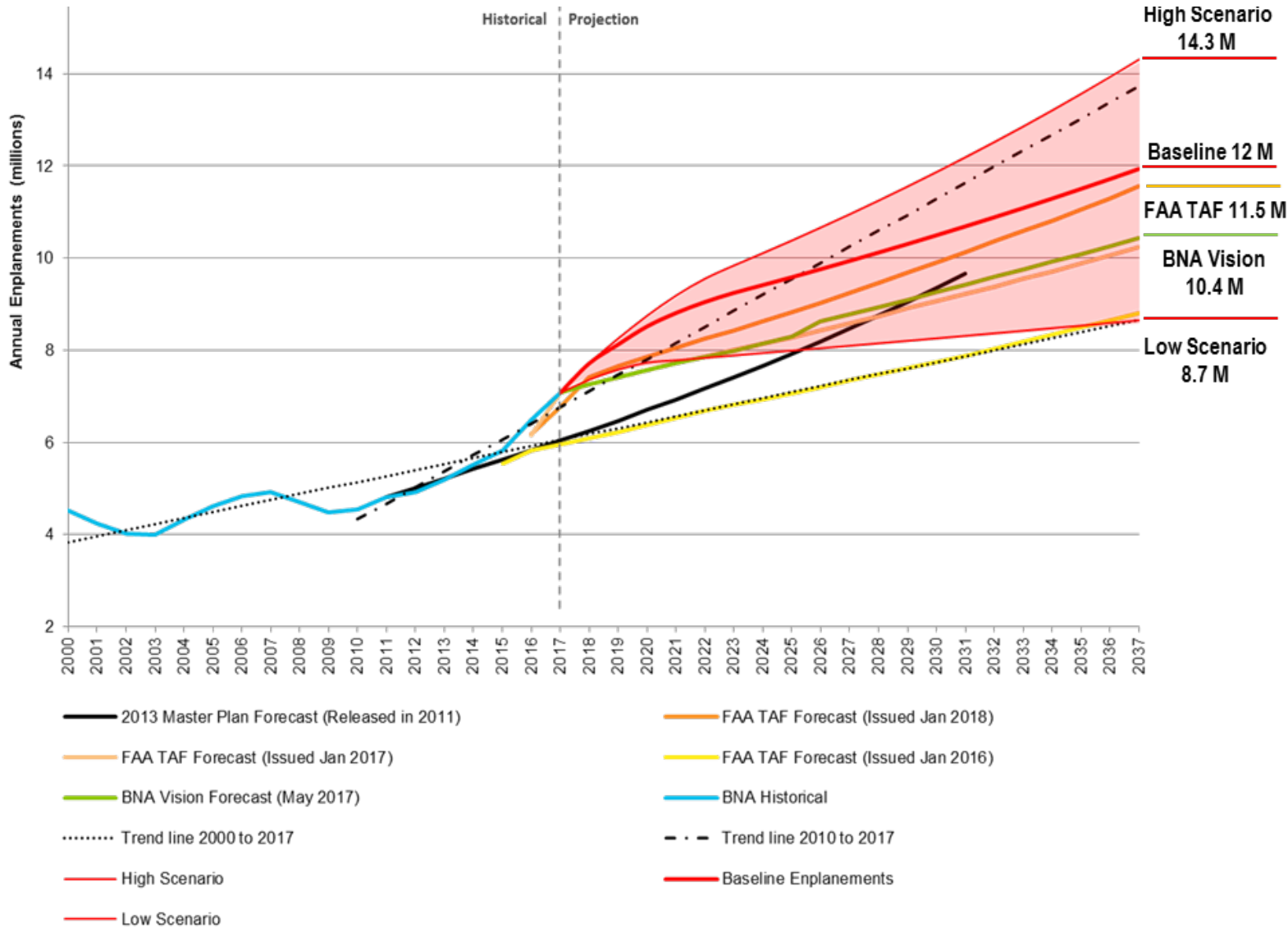
- ✓ Airport Authority
- ✓ 210,357 Take Off & Landings Per Year
- ✓ 576 Daily Flights
- ✓ 15 Airlines; 66 Nonstops
- ✓ 40,871 Passengers Per Day
- X 888,000 Sq. Ft. Terminal
- X 43 Gates



# OUR CHALLENGE: RAPID GROWTH



# Aviation Activity Forecast – Annual Enplanements



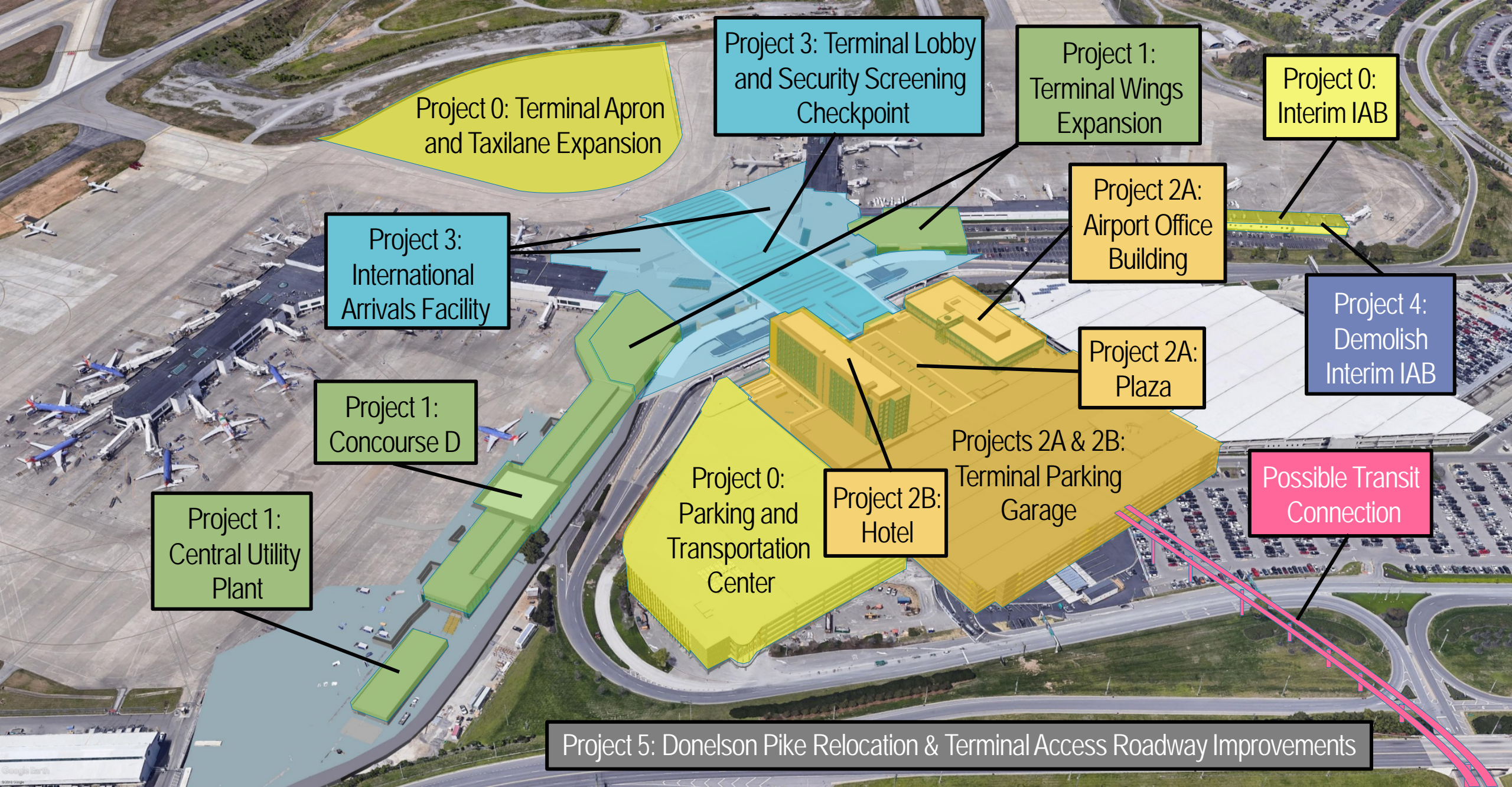
	Baseline Scenario	FAA TAF (Jan 2018)
2017	7.1 M (Actual)	6.8 (Forecast)
2022	9.0M	8.2M
2027	9.9M	9.2M
2032	10.9M	10.4M
2037	11.9M	11.5M

OUR ANSWER

**BNA**  
VISION

2018 - 2023





Project 0: Terminal Apron and Taxilane Expansion

Project 3: Terminal Lobby and Security Screening Checkpoint

Project 1: Terminal Wings Expansion

Project 0: Interim IAB

Project 3: International Arrivals Facility

Project 2A: Airport Office Building

Project 4: Demolish Interim IAB

Project 1: Concourse D

Project 2A: Plaza

Project 1: Central Utility Plant

Project 0: Parking and Transportation Center

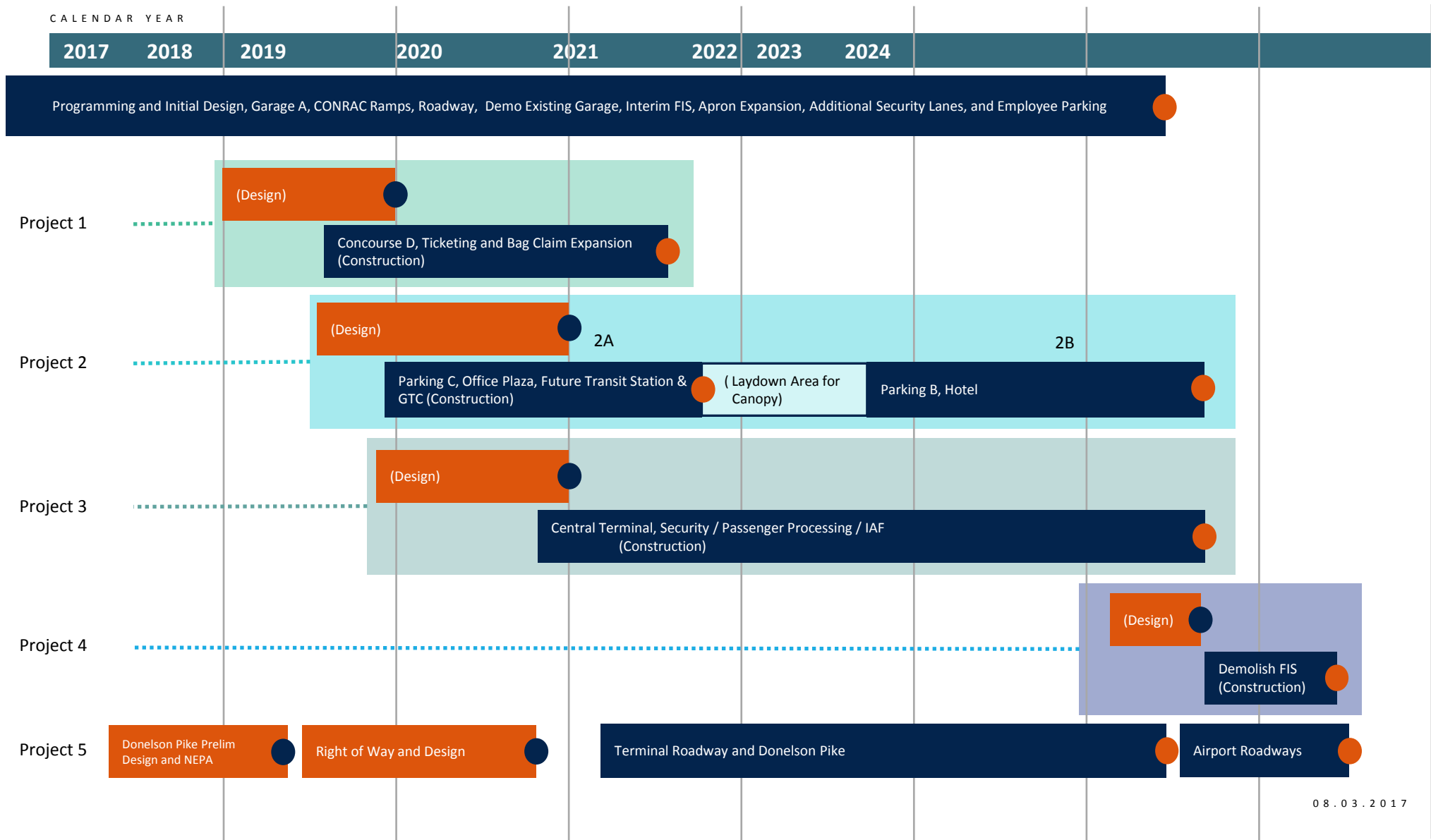
Project 2B: Hotel

Projects 2A & 2B: Terminal Parking Garage

Possible Transit Connection

Project 5: Donelson Pike Relocation & Terminal Access Roadway Improvements

BNA Vision: Projects 0-5



# Program Phasing



BNA 2016





Interim International Arrival Building



Parking and Transportation Center



Parking and Transportation Center



aerial  
innovations  
IN KY, VA, AL

# Parking and Transportation Center



Parking and Transportation Center



Parking and Transportation Center



# Concourse D Expansion



# Concourse D Expansion





Concourse D Expansion



Concourse D Expansion



Concourse D Expansion



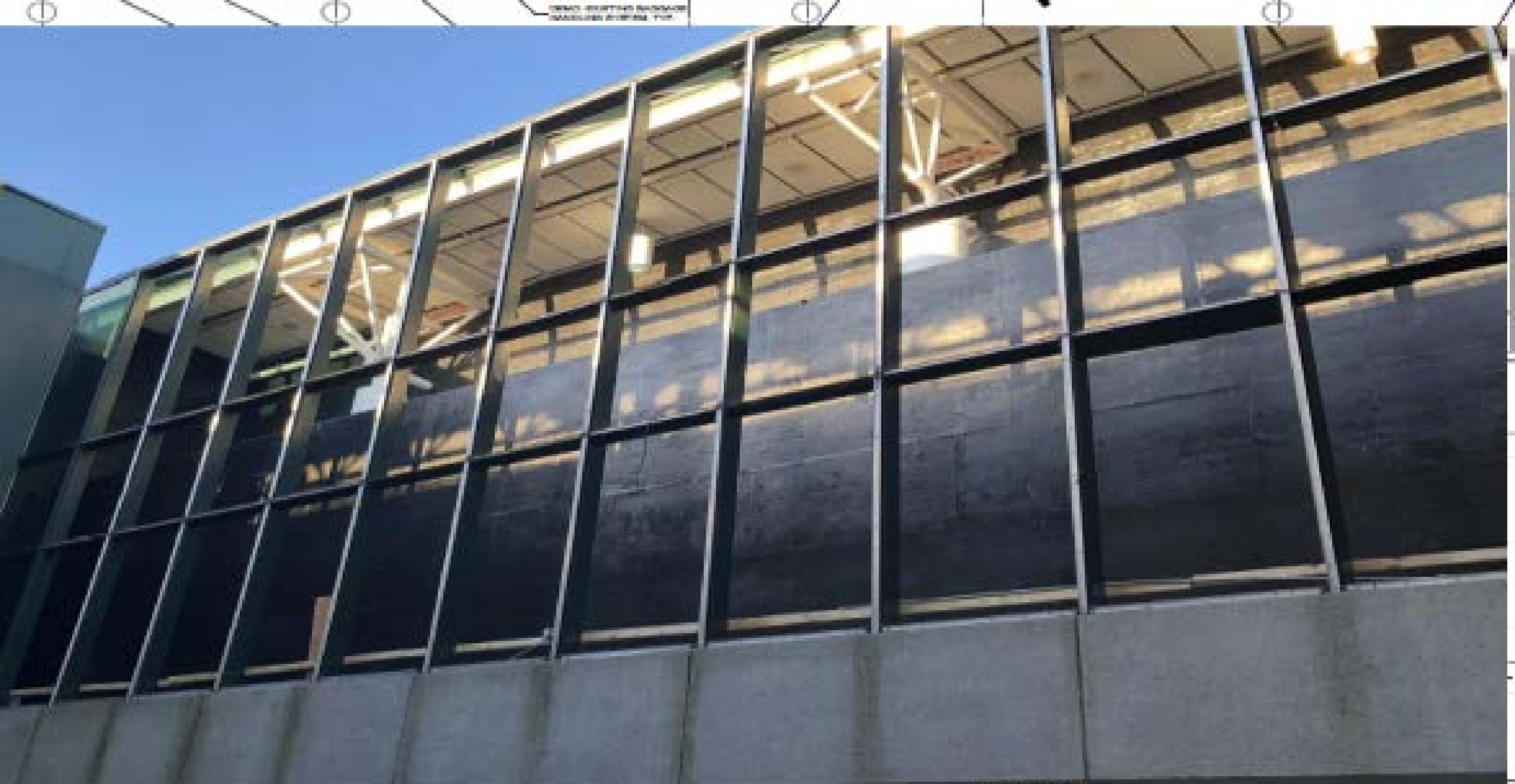
Concourse D Expansion



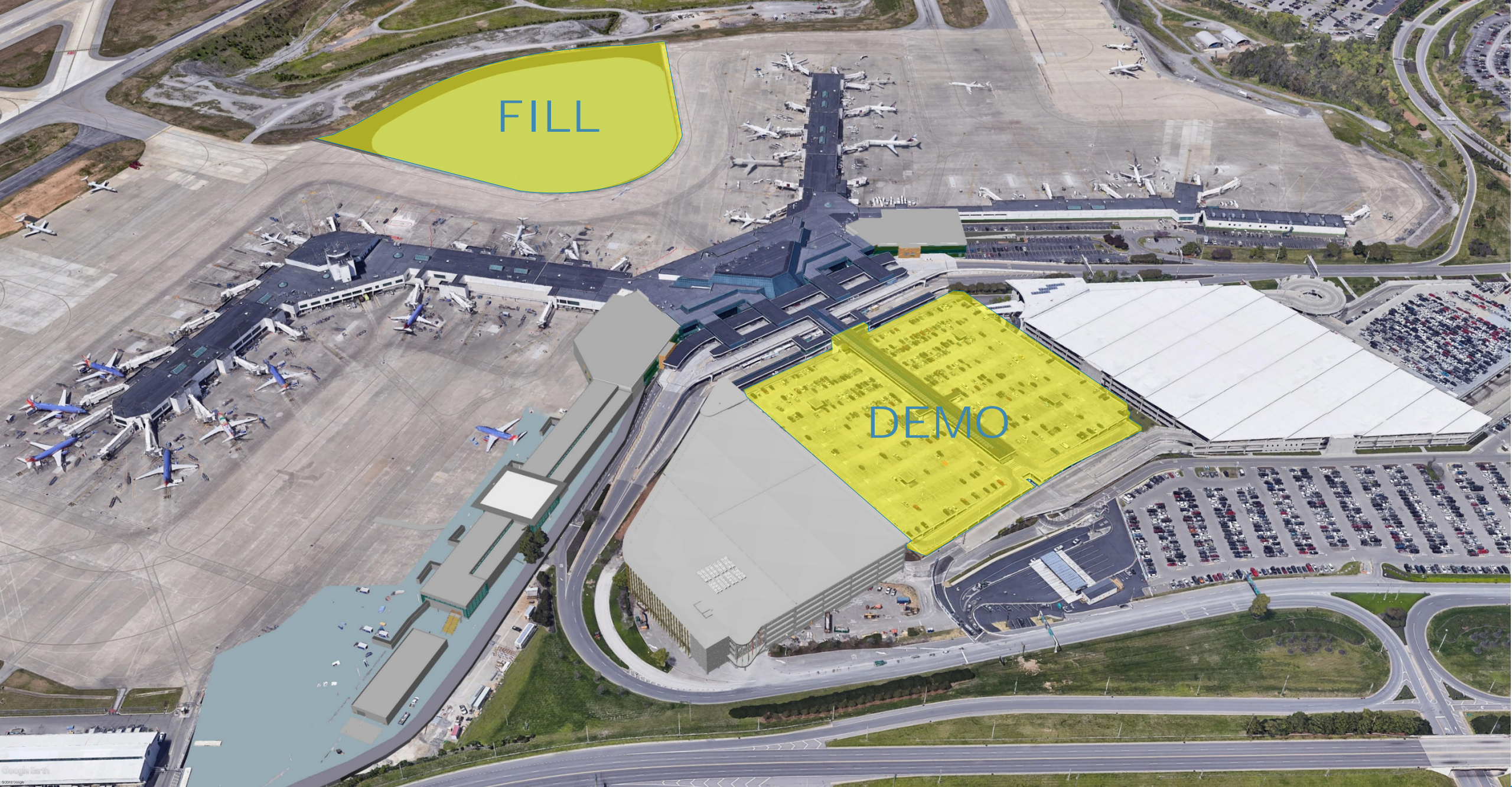
# Terminal Wings Expansion



Concourse D Expansion



# Concourse D Expansion



Apron Expansion and Short Term Garage Demo





Apron Expansion - May 2018



Apron Expansion – July 2018



Apron Expansion - September 2018



Apron Expansion



Apron Expansion

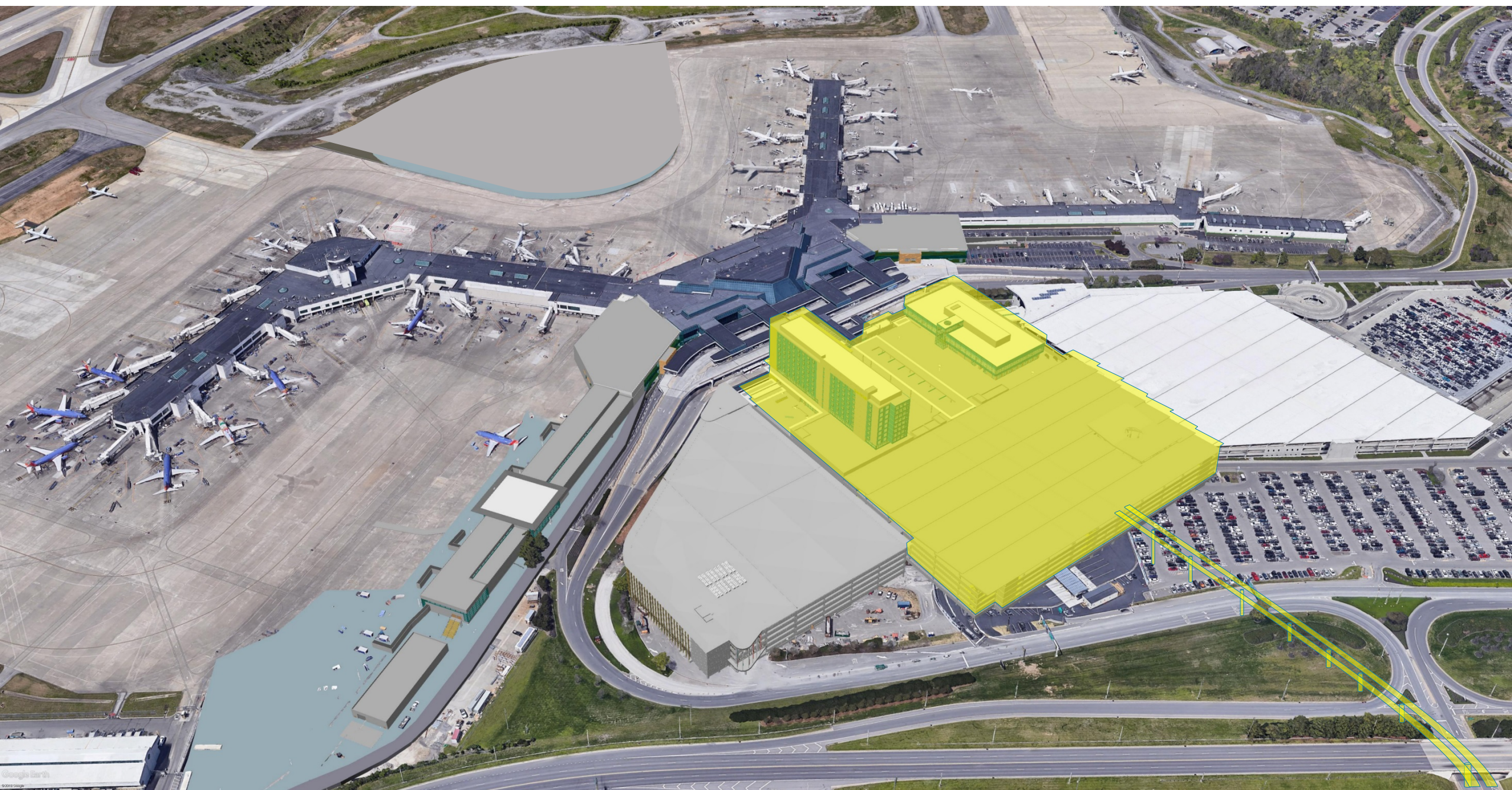


Apron Expansion



7/25/18 3:40 PM

# Apron Expansion



Parking Garage C with Office Plaza & Parking Garage B with Hotel





Parking Garage C with Office Plaza & Parking Garage B with Hotel



Parking Garage C with Office Plaza & Parking Garage B with Hotel



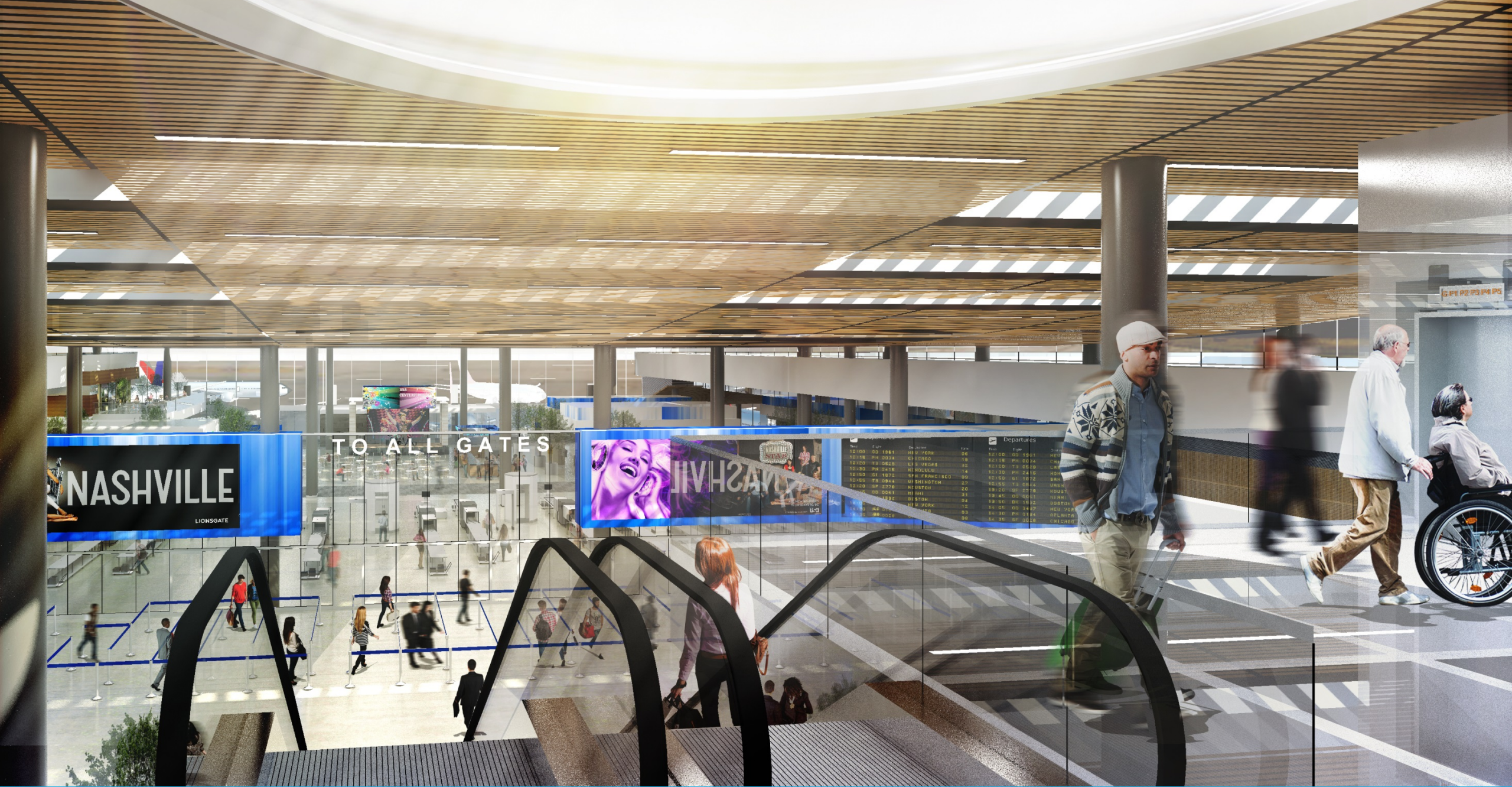
Central Terminal, Security Checkpoint & International Arrivals Facility



Central Terminal, Security Checkpoint & International Arrivals Facility



Central Terminal, Security Checkpoint & International Arrivals Facility



Central Terminal, Security Checkpoint & International Arrivals Facility



Central Terminal, Security Checkpoint & International Arrivals Facility



Central Terminal, Security Checkpoint & International Arrivals Facility





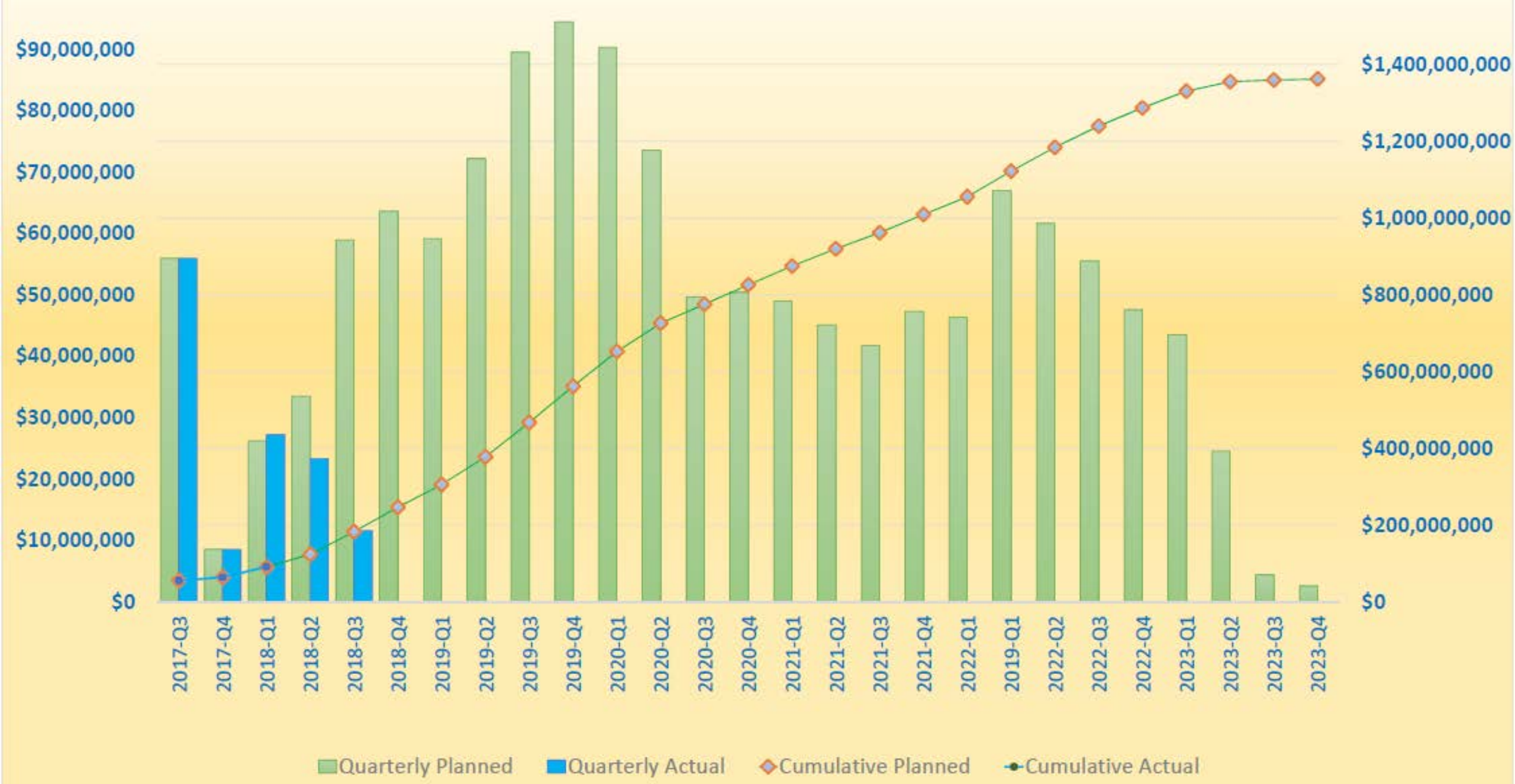
Central Terminal, Security Checkpoint & International Arrivals Facility



Central Terminal, Security Checkpoint & International Arrivals Facility



# Terminal Access Roadway Improvements



# Projected Cash Flow

# Project Delivery Methods – Vision & Enabling

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Concourse D & Terminal Wings

Garage C & Admin Bldg

Garage B & Hotel

Central Checkpoint and IAF

Interim International Arrivals Building

Garage A

Apron and Taxilane Expansion

Terminal Access Roadway Improvements

*Progressive Design-Build*

*Progressive Design-Build*

*TBD – P3?*

*Progressive Design-Build*

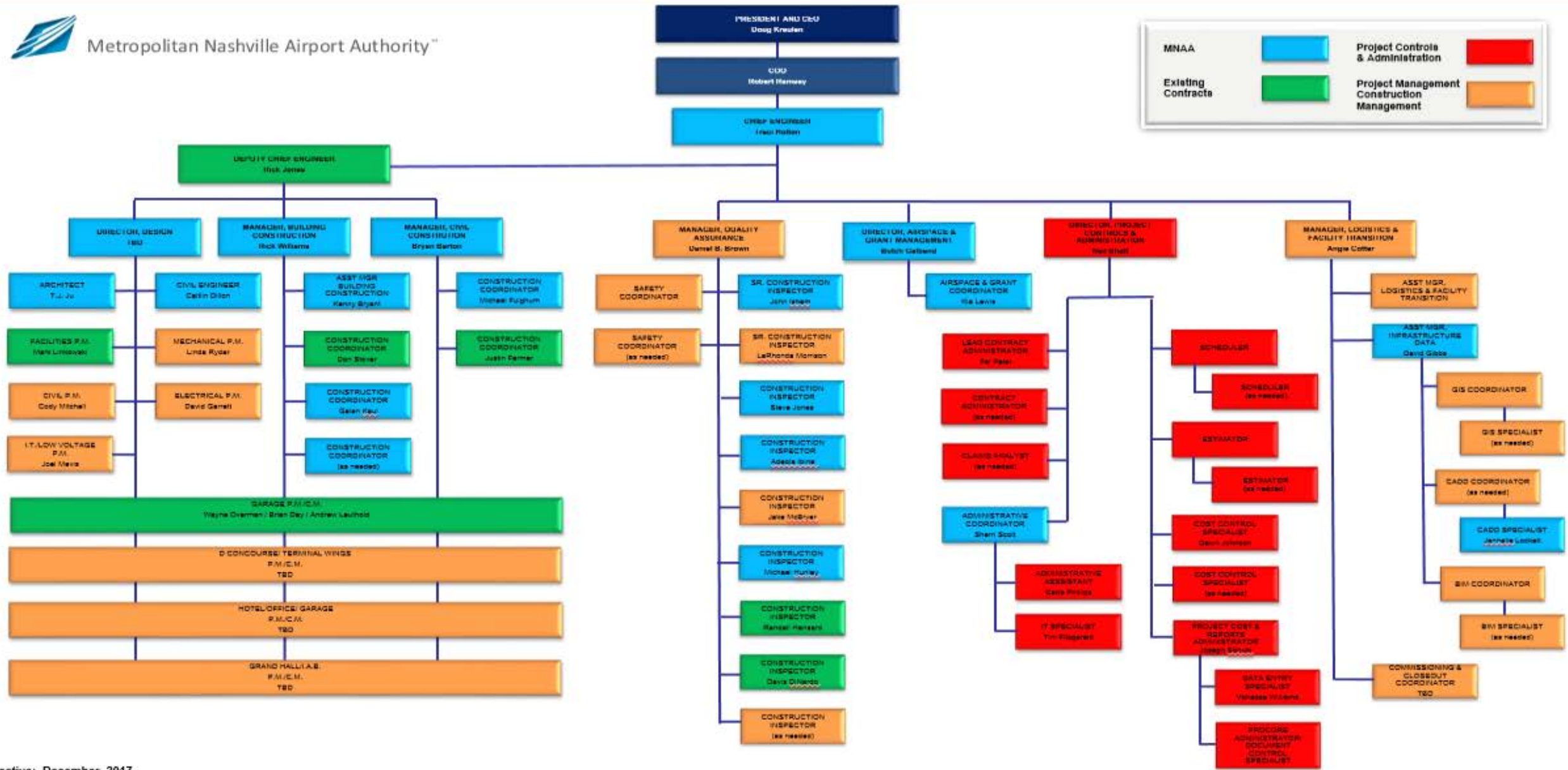
*Design-Build (Best Value)*

*Construction Manager at Risk*

*Design-Bid-Build (Best Value)*

*Design-Build (Best Value)*





Effective: December 2017  
Approved by Chief Engineer

# Development and Engineering Staffing

# LESSONS LEARNED

## Support

- Board
- Airline
- Community

## Staffing and Resources

- Executive program manager
- Skills
- Right size/structure
- Software

## Processes/Procedures

- New delivery methods
- Feed media
- Operational flexibility
- Finance



# AIRPORT POWER BALL WINNING NUMBERS

01 05 06 24 55 23

...and the winner is Nashville, Tennessee





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## FOLLOW BNA



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Thank you, ACI Operations & Technical Committee