



Society of American Military Engineers

**Army-Navy Country Club
11:30am-1:00pm**

DECEMBER 5, 2024



The Airports Authority

- **The Metropolitan Washington Airports Authority (MWAA):**
 - A public body politic and corporate, created with the consent of the Congress of the United States.
 - Self-supporting
 - Not taxpayer-funded

- Responsible for:
 - Daily operation, maintenance and capital improvements of **Reagan National Airport, Dulles International Airport and Dulles Toll Road.**
 - Over 500 Active Contracts
- Airport capital improvements are funded by:
 - Bonds
 - Federal and State Airport Improvement Program funds
 - Passenger Facility Charges



Office Of Engineering

- Planning, Design, Construction, Project Controls, Building Codes, Environmental, QA, Safety (80+ Staffs)
- Manages all Capital Construction Programs **in-house**, from Cradel to Grave
- **\$370M** Budget in 2024
- Continue to grow to support growth at both airports



Our Pledge to Passengers

The Metropolitan Washington Airports Authority pledges to:

Serve the traveling public;

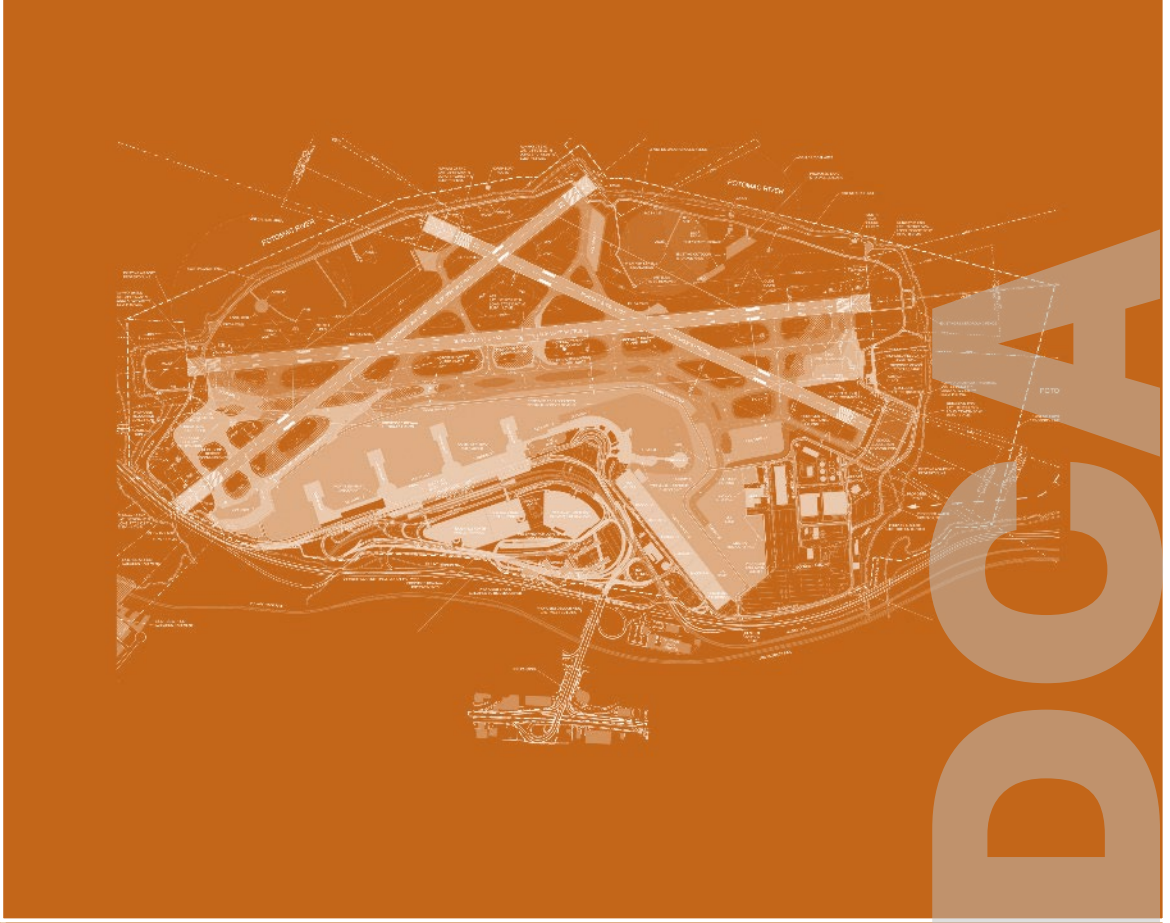
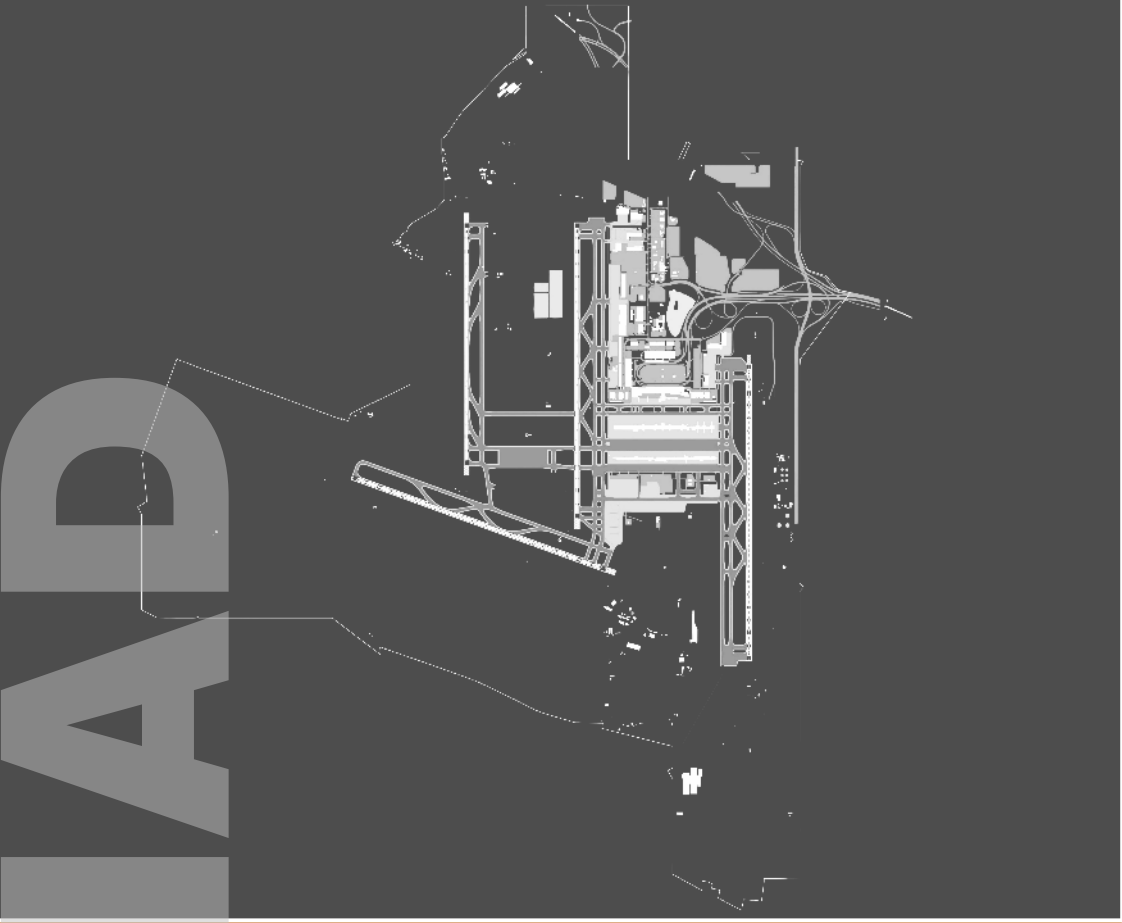
Provide a safe, predictable, enjoyable travel experience;

Continuously improve customer service, convenience, innovation and engagement; and

Always advocate for our passengers with all entities affecting their journey.



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY



9.39B



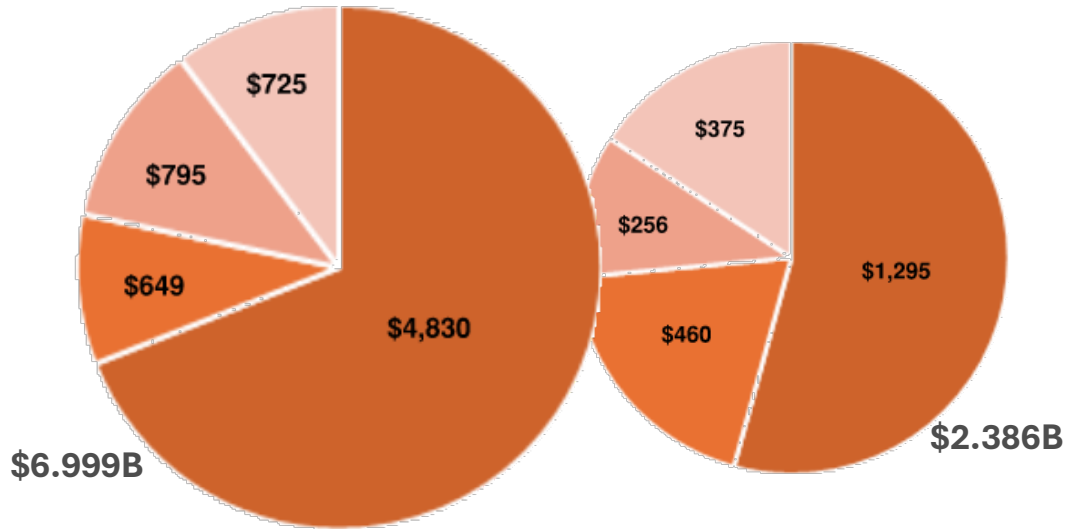
WHAT

IAD

(Cost in Millions)

DCA

(Cost in Millions)



■ Vertical ■ Landside ■ Airside ■ Utilities and Other Project

- Close to **\$9.4B** will be invested in Capital Construction Program at Washington Dulles International Airport (IAD), and Ronald Reagan Washington Airport (DCA) in 2025-2039
- In addition, **\$1.6B** worth of work will be carried over from current agreement with airlines
- Exciting projects coming!
 - **Vertical**
 - **Landside**
 - **Airside**
 - **Utility and other Projects**



WHY

- Supports **Sustained Growth** at both airports
- **Enhances Customers Experience**
 - Replace and Upgrade existing infrastructure
 - Introduce new facilities and amenities
- **Continues** to provide a **safe and pleasant** environment
- Creates **Jobs** and support local **economic growth**
- Improves **Operational Efficiencies**



WHO

- **Design and Planning Community:** Architects, Engineers, Planners
- **Builders and Trade Partners**
- **Support Services:** Construction Management, Project Controls

Share the same MWAA Vision – Go extra mile to provide Quality services and end products, on schedule and on budget

- **Collaborative** – Work as a TEAM
- **Competence** – Know what's RIGHT
- **Creative** – Think outside the BOX
- **Conquer** – Overcome challenges and DELIVER



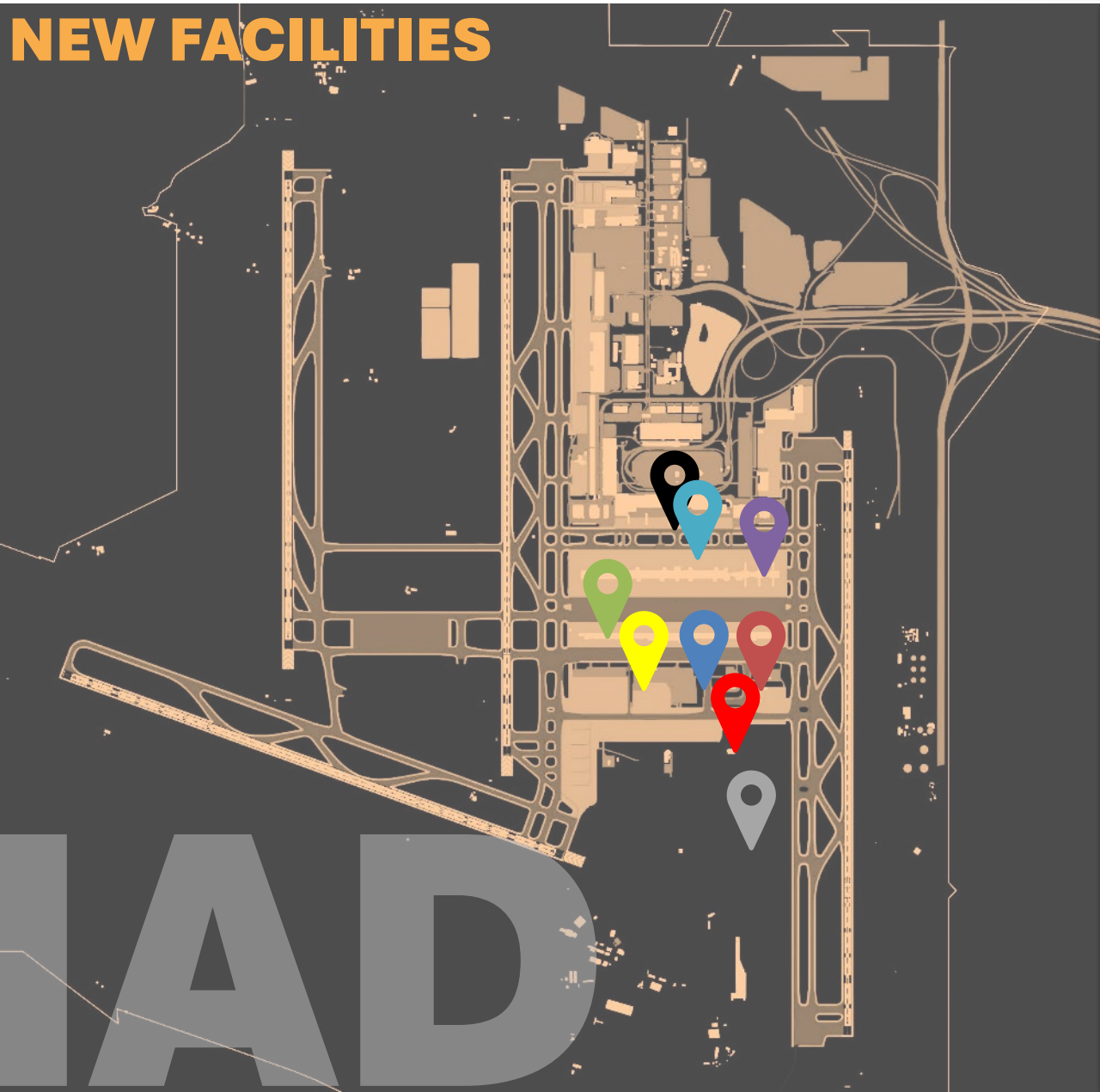
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Vertical

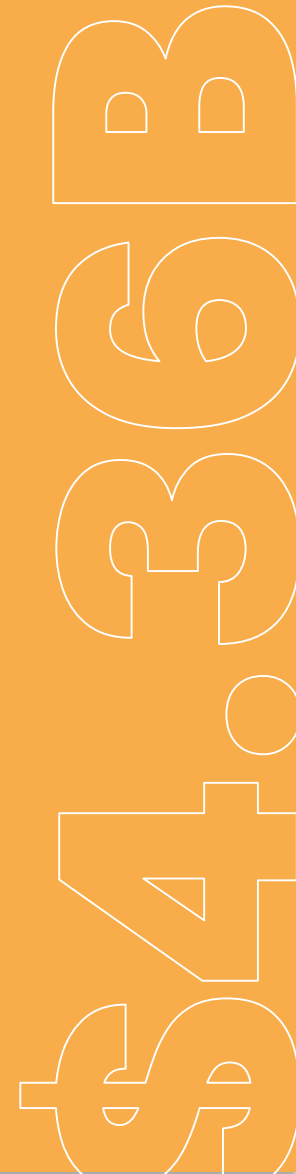
\$6.125B



NEW FACILITIES

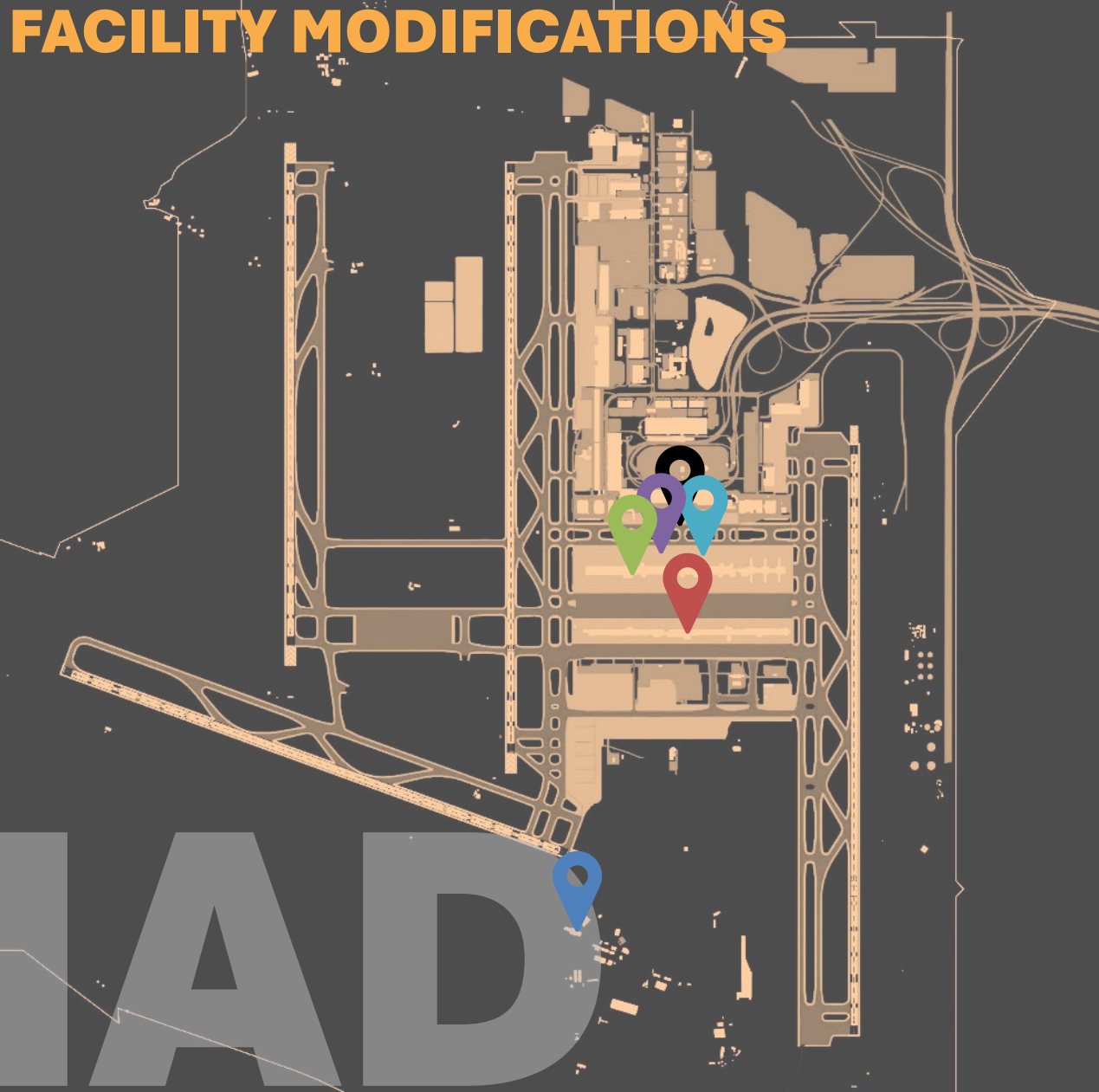


-  Tier 2 East* (In additional to \$4.36B)
-  Tier 2 Phase 2 / FIS
-  Utilities Plant
-  Tier 2 Phase 3
-  MT Security Screening / Baggage
-  MT-AB Connector
-  Tier 3 / APM
-  Concourse A Extension
-  Concourse D Demolition





FACILITY MODIFICATIONS

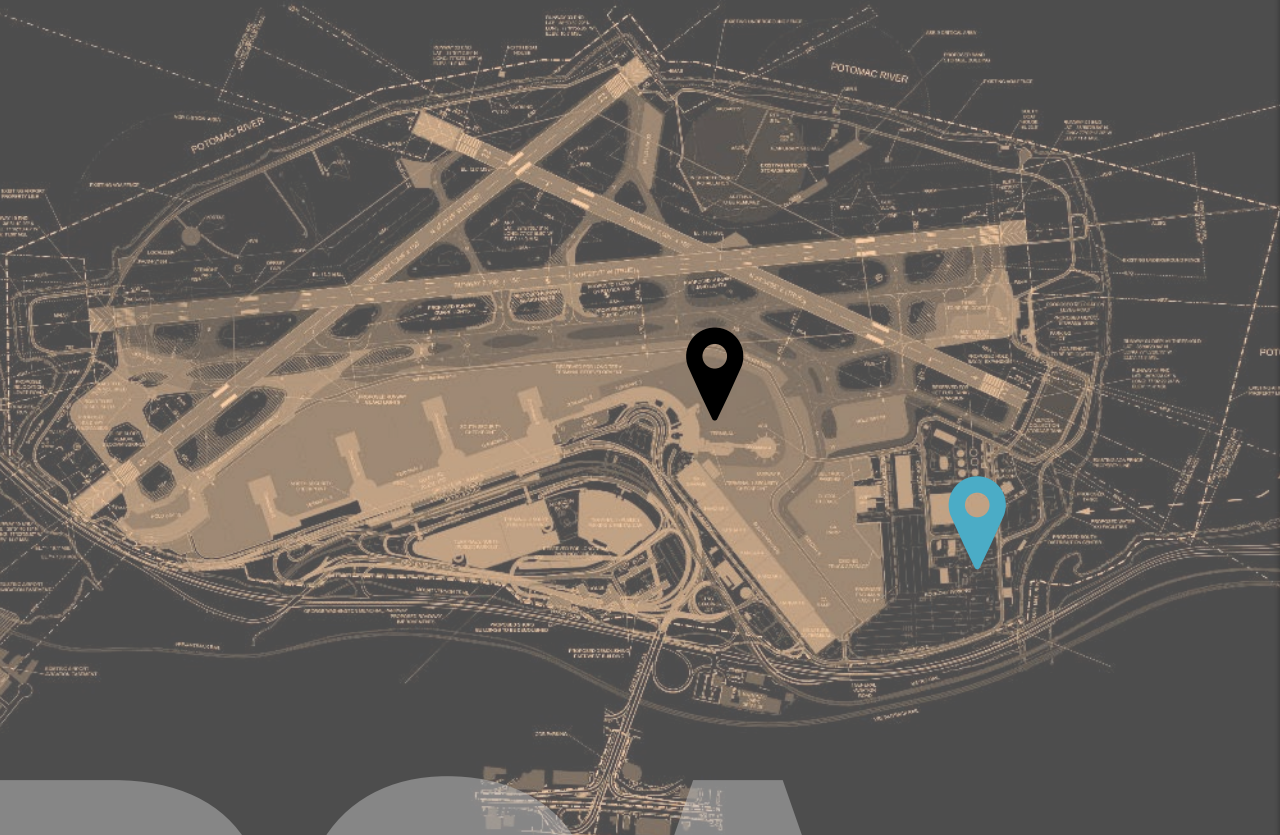


-  Main Terminal Rehabilitation
-  Terminal Lobby / Baggage Reconfiguration
-  BHS Improvements
-  Concourse B PBB Replacement
-  Concourse C/D Rehabilitation
-  Firefighting Training Facility Improvements
- Warehouse
- Enterprise Asset Management Program





NEW FACILITIES



Terminal 1 Redevelopment



South Area Redevelopment

DCA











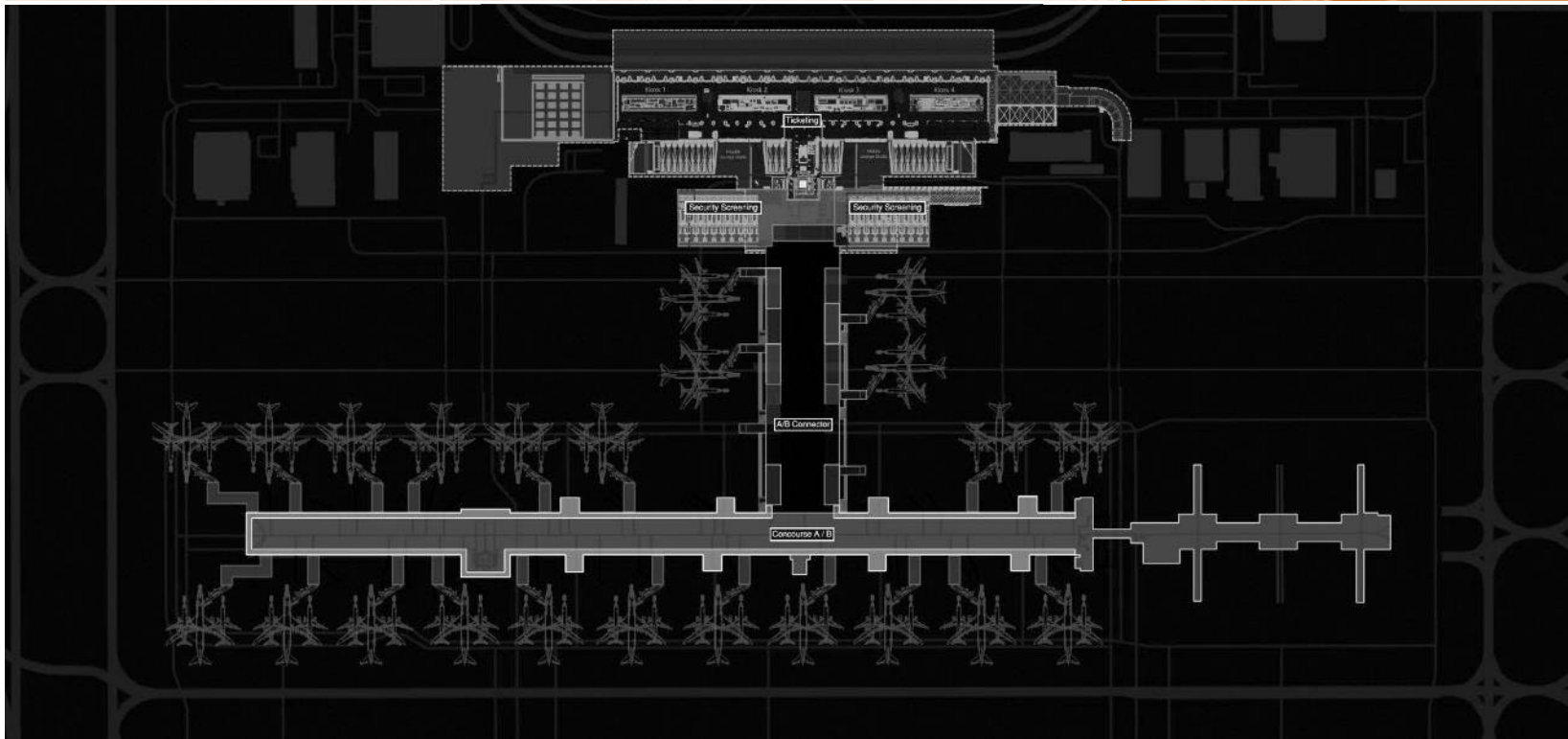
FACILITY MODIFICATIONS



DCA

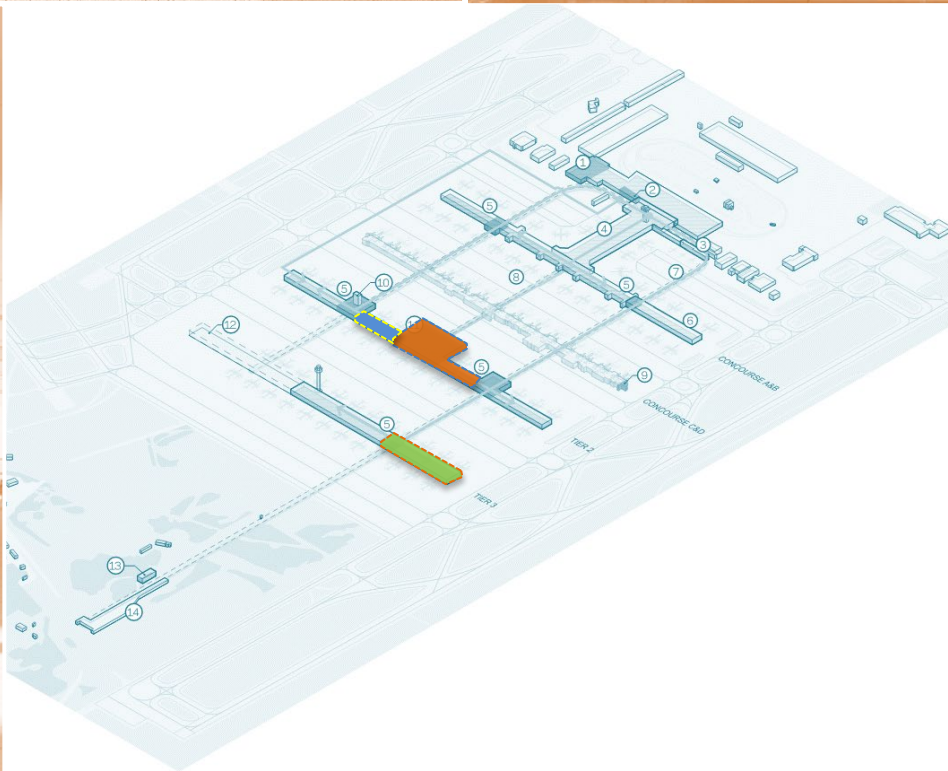
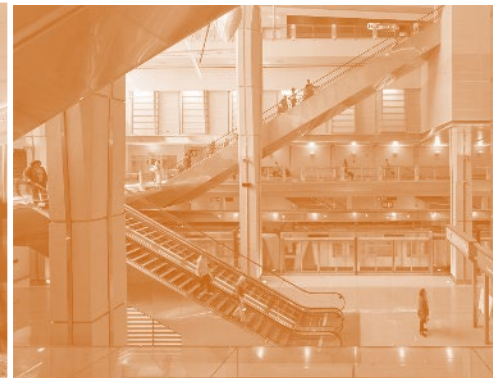
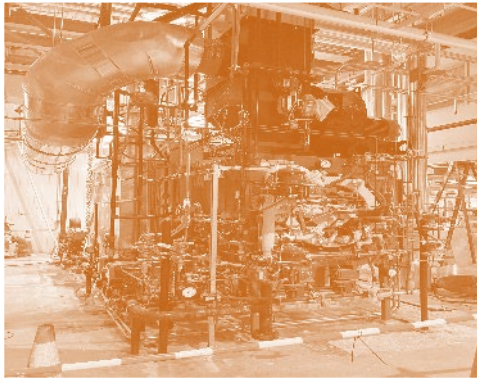
-  Terminal Roof Replacement
-  Departure Roadway Canopy
-  PBB Replacement
-  Visual Docking Guidance System Infrastructure
-  BHS Improvements
-  Enterprise Asset Management





Program/Project	Main Terminal and Concourses Redevelopment
Design Starts	2025
Construction Starts	2026
Est. Const. Value	\$800M-900M
Anticipated Major Scope	Terminal, Concourse, Apron, Civil Utilities, BHS
Expertise Needed	Planners, Space Programmer, Architects/Building Engineers, Historical Preservationist, Civil Engineers, Builders and Trade Partners

IAD



Program/Project Tier 2 Phase 2 / FIS
Tier 2 Phase 3
Tier 3
Utilities Plant

Design Starts 2024 (In Design)

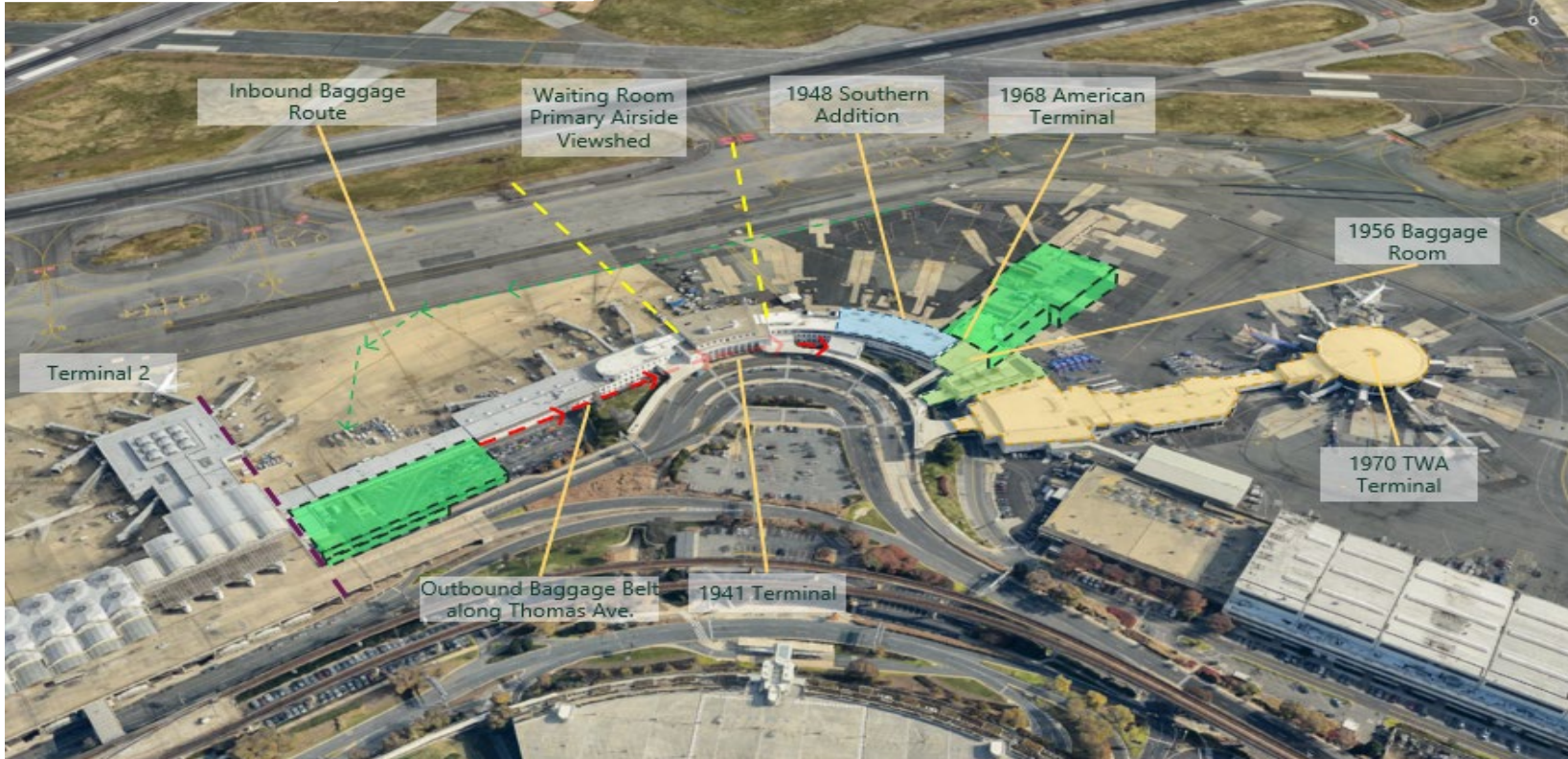
Construction Starts 2026

Est. Const. Value \$800M-900M

Anticipated Major Scope Concourse, APM Station, Apron, Civil Utilities, BHS, Utilities

Expertise Needed Builders and Trade Partners

IAD



Program/Project	Terminal 1 Redevelopment
Design Starts	2025
Construction Starts	2026
Est. Const. Value	\$600M-700M
Anticipated Major Scope	Terminal, Concourse, Apron, Civil Utilities, Roadway, Curb, BHS
Expertise Needed	Planners, Space Programmer, Architects/Building Engineers, Historical Preservationist, Civil Engineers, Builders and Trade Partners

DCA



Program/Project South Area Redevelopment

Design Starts 2025

Construction Starts 2026

Est. Const. Value \$200M-300M

Anticipated Major Scope Relocate existing Engineering and Maintenance Facilities; Warehouse; Police station; New Snow Equipment Storage; Fuel Farm

Expertise Needed Planners, Space Programmer, Industrial type Architects/Building Engineers, Police Design Specialists, Environmental Specialist, Civil Engineers, Builders and Trade Partners





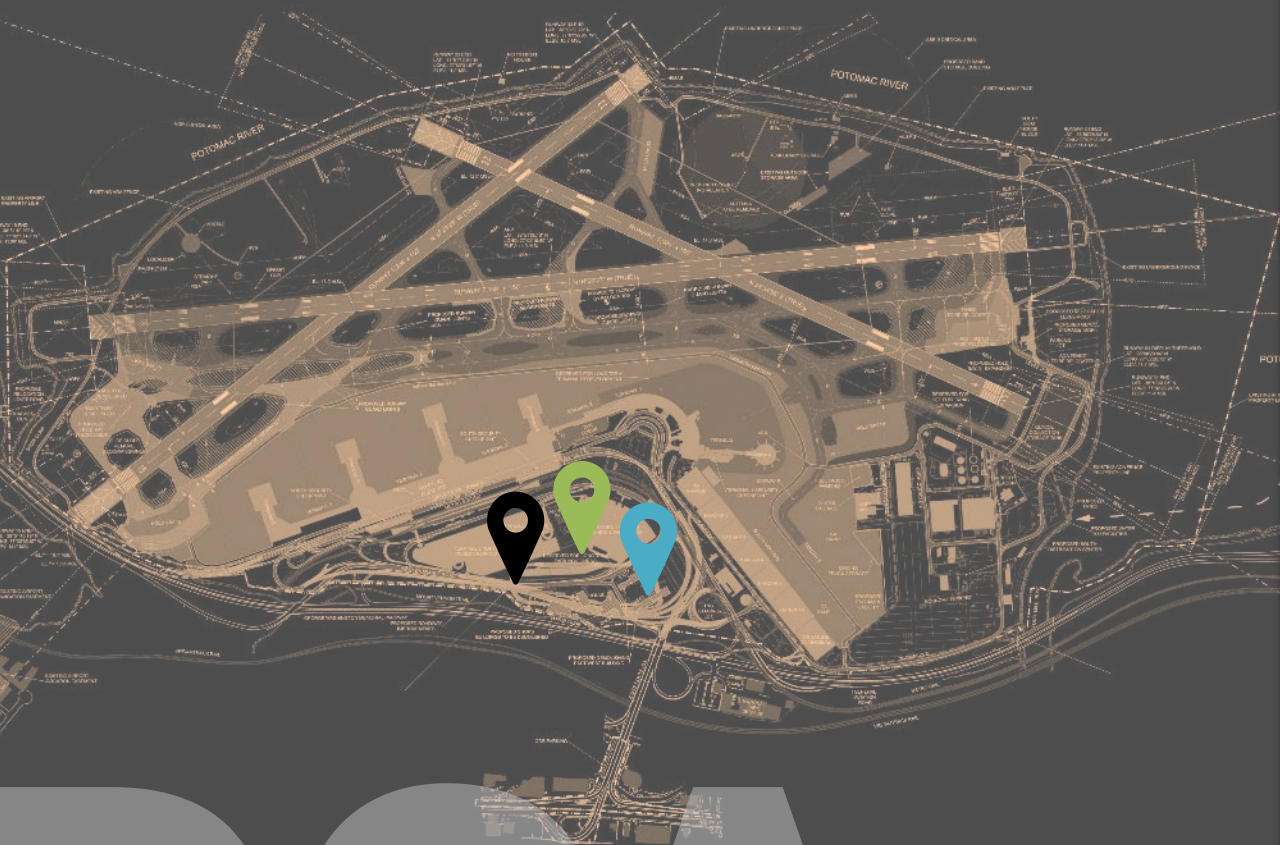
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Landside

\$1.109B



ROADWAY / PARKING



DCA



Roadway Realignment



Connector Garage and Remote Curb





Parking Structure – Enabling Projects



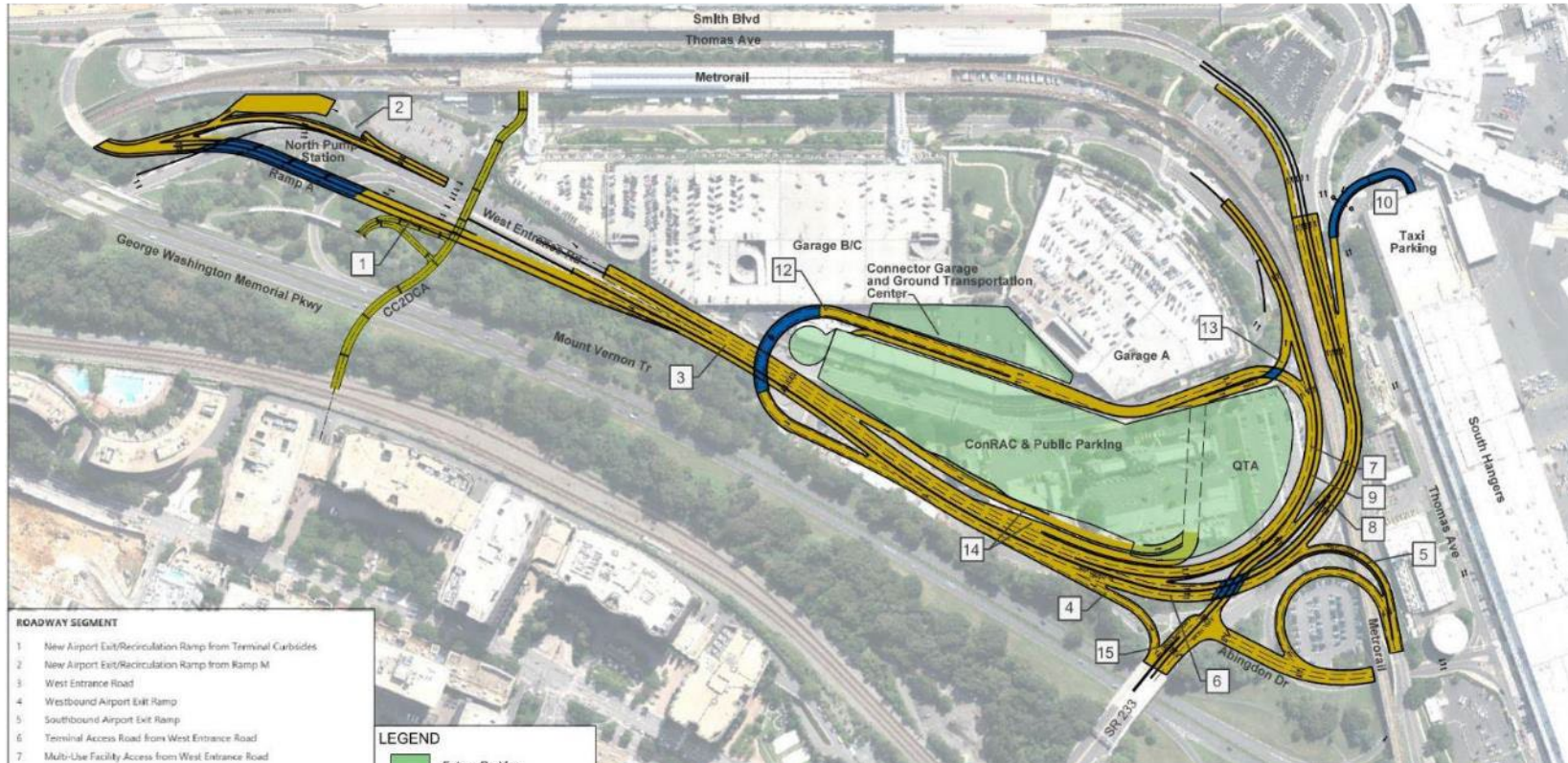


ROADWAY / PARKING



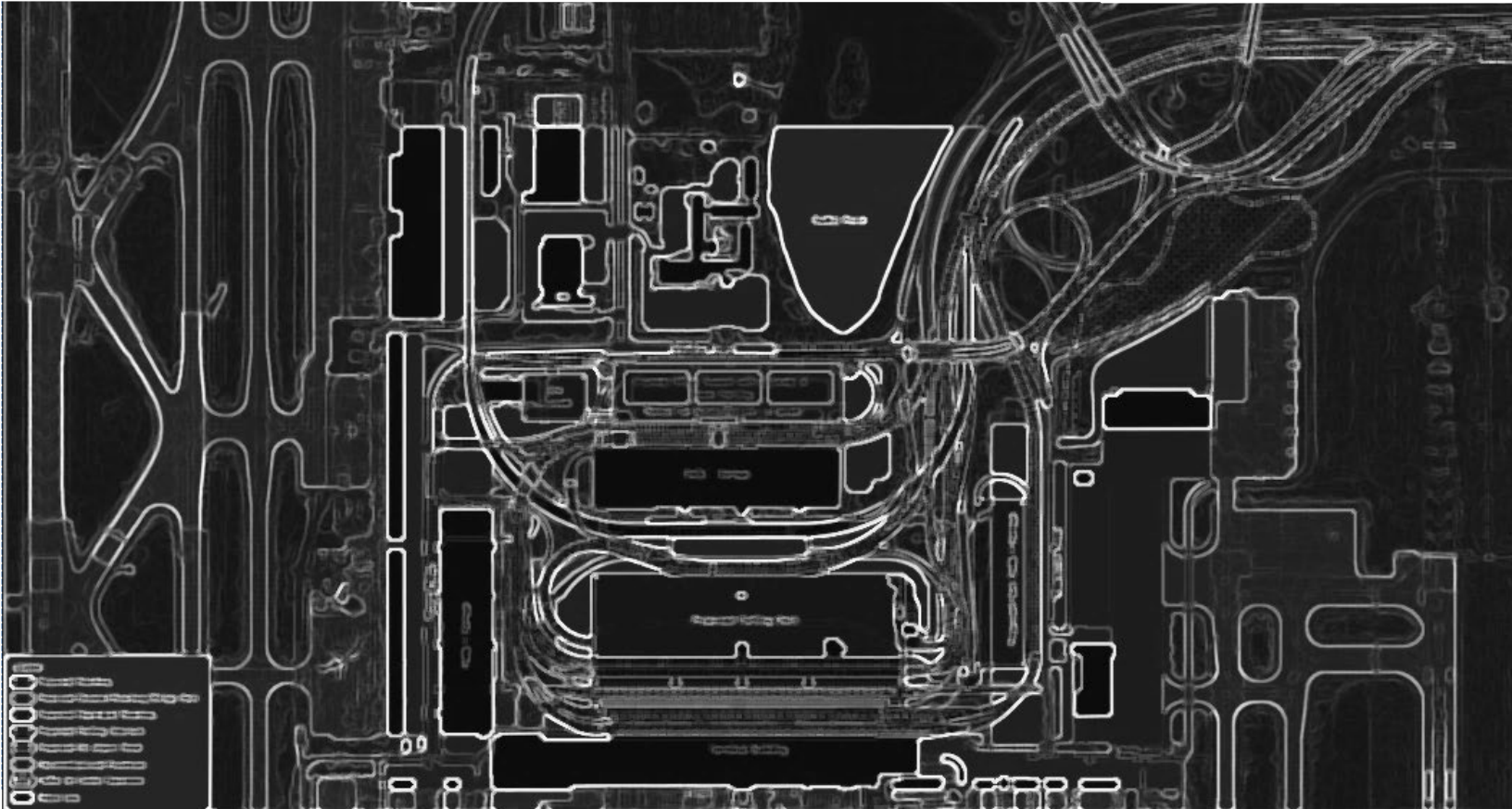
-  **Roadway Capacity Improvements**
-  Saarinen Circle Capacity Improvements
-  Saarinen Circle Bowl Development
-  Airport / Terminal Roadway Rehabilitation
-  DIAAH Repairs and Improvements
-  DTR Repairs and Improvements





Program/Project	Roadway Realignment
Location	DCA
Design Starts	2024 (In Design)
Construction Starts	2026
Est. Const. Value	\$250M-350M
Anticipated Major Scope	Roadway, bridges, overhead traffic signage, MOT
Expertise Needed	Environmental Specialists, Builders and Trade Partners

DCA



Program/Project	Roadway Capacity Improvements
Location	IAD
Design Starts	2025
Construction Starts	2026
Est. Const. Value	\$300M-400M
Anticipated Major Scope	Roadway, bridges, overhead traffic signage, MOT
Expertise Needed	Civil, Structural, and Electrical Engineers, Environmental Specialists, Builders and Trade Partners

IAD



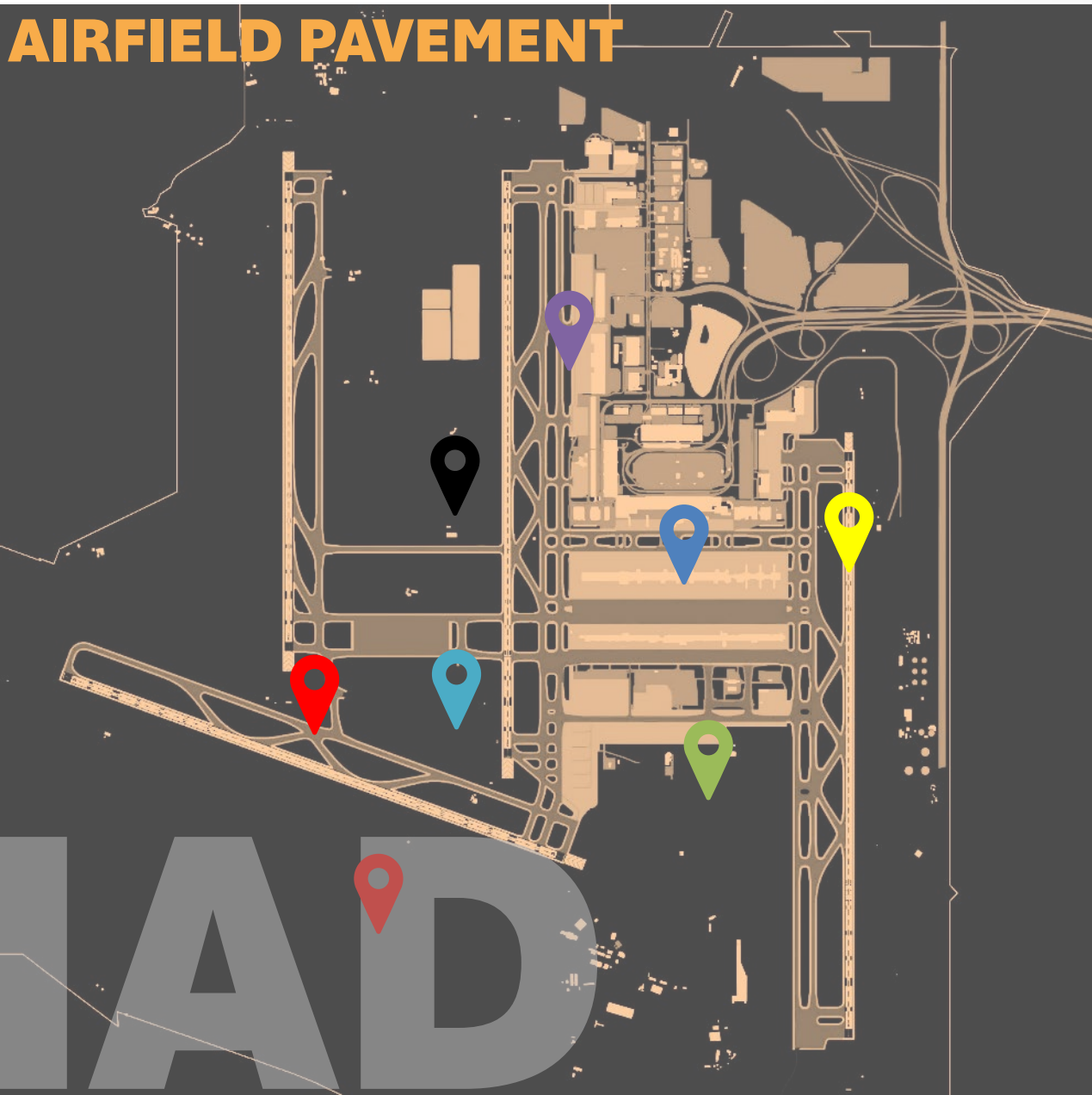
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Airside

\$1.051B



AIRFIELD PAVEMENT



-  **Taxiway S / S1**
-  **Runway 1R-19L Reconstruction**
-  **Airfield Pavement Panel Replacement**
-  **Airfield Geometric Improvements**
-  **Cargo 6 Apron Taxiway Connector**
-  **Southern-Most Crossfield Taxiway**
-  **Taxiway Q / Assoc. Connectors Reconst.**
-  **5th Runway (12R-30L) Study / Design**





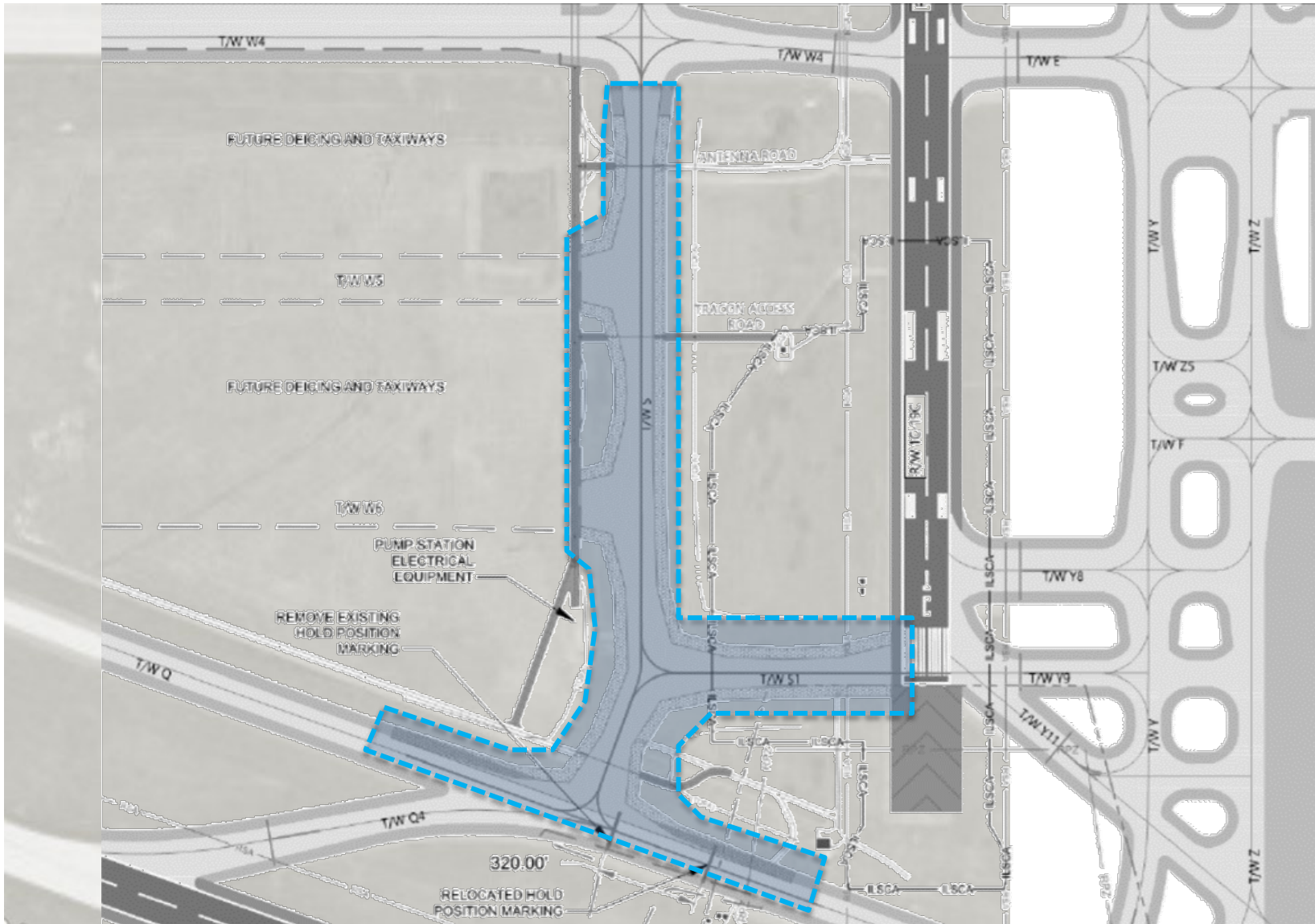
AIRFIELD PAVEMENT



DCA

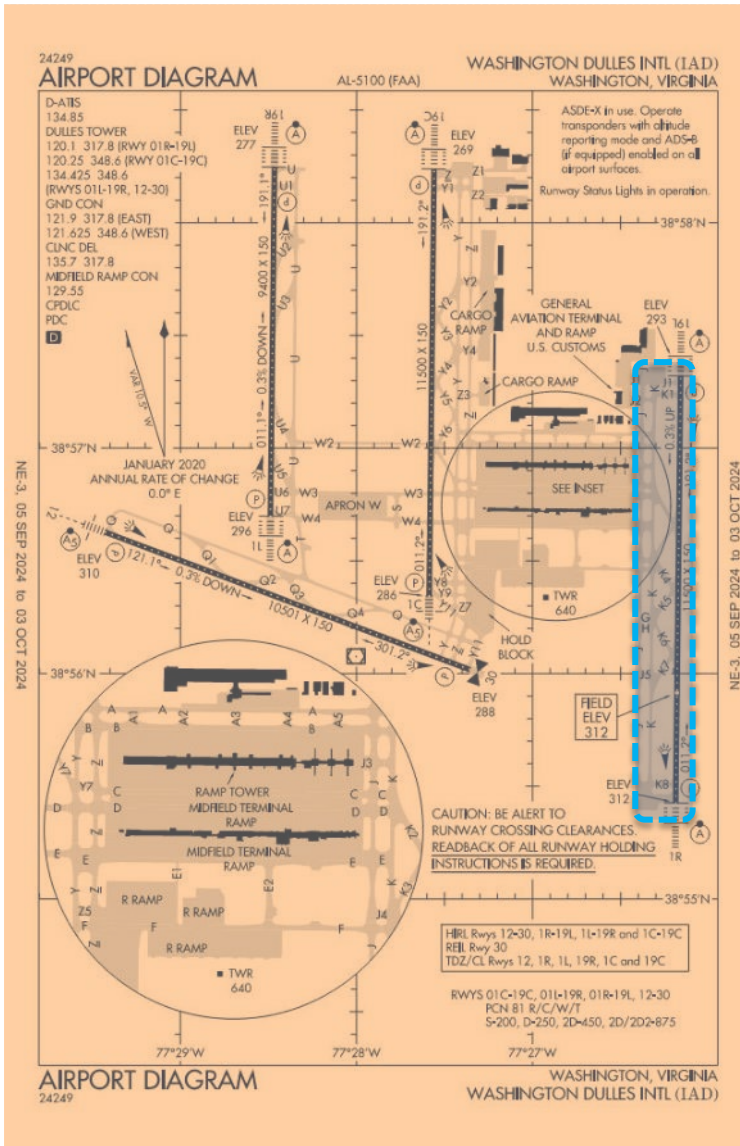
-  Holdbay 1 Improvements
-  Midfield Taxiways Geometric Improvements
-  Terminal 2 Apron Repairs and Rehabilitation
-  Airfield Pavement Rehabilitation
-  Runways Mill & Overlay
-  **North Airfield Redevelopment***
(In addition to \$256M)





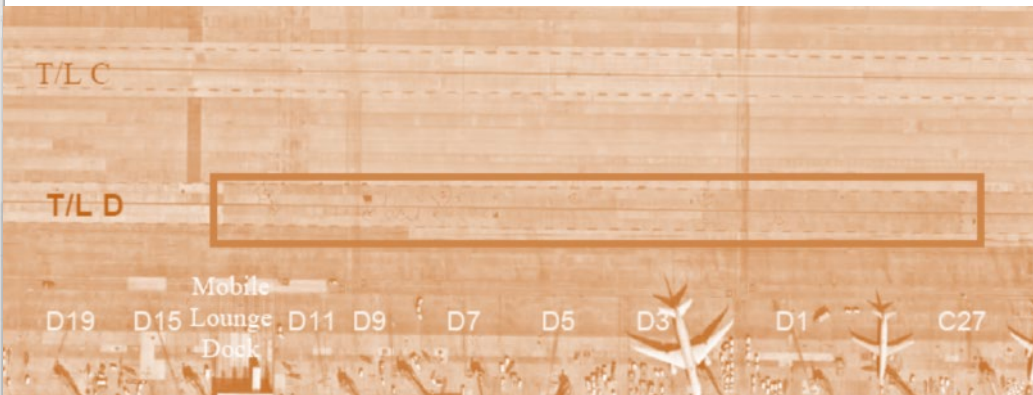
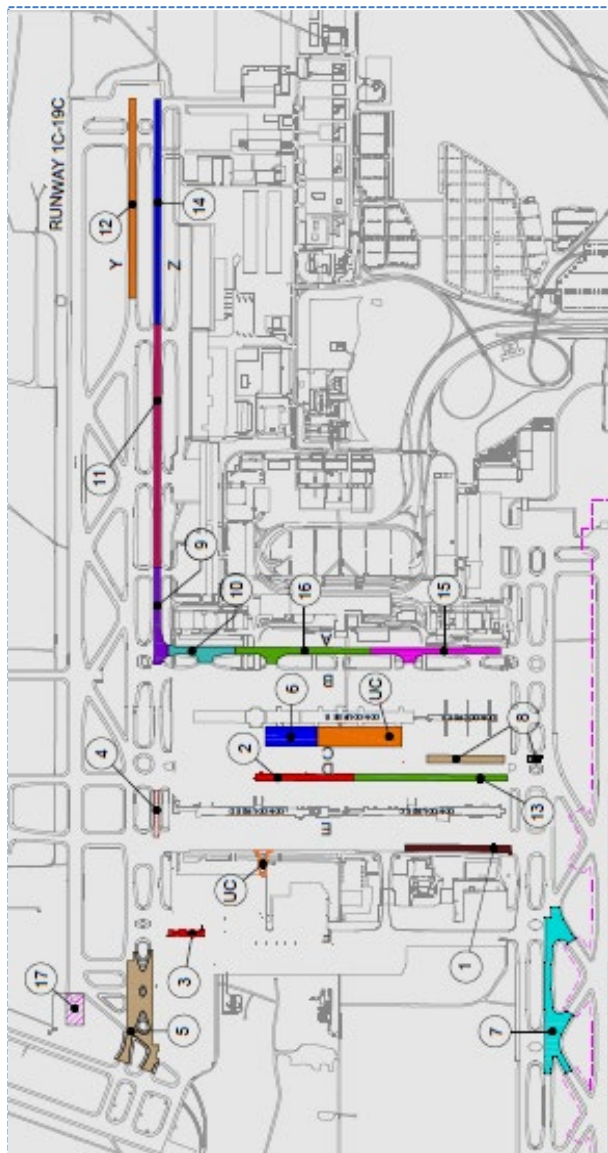
Program/Project	Taxiway S / S1
Location	IAD
Design Starts	2024 (In Design)
Construction Starts	2026
Est. Const. Value	\$30M-40M
Anticipated Major Scope	New Taxiway, Airfield LED lighting and signage
Expertise Needed	Environmental Specialist, Builders and Trade Partners

IAD



Program/Project	Runway 1R/19L
Location	IAD
Design Starts	2024
Construction Starts	2027
Est. Const. Value	\$150M-200M
Anticipated Major Scope	Runway and Taxiway Full Depth Rehabilitation; Airfield LED lighting and signage upgrade
Expertise Needed	Civil and Electrical Engineers, Environmental Specialist, Builders and Trade Partners

IAD



Program/Project Airfield Pavement Panel Replacement

Design Starts 2024

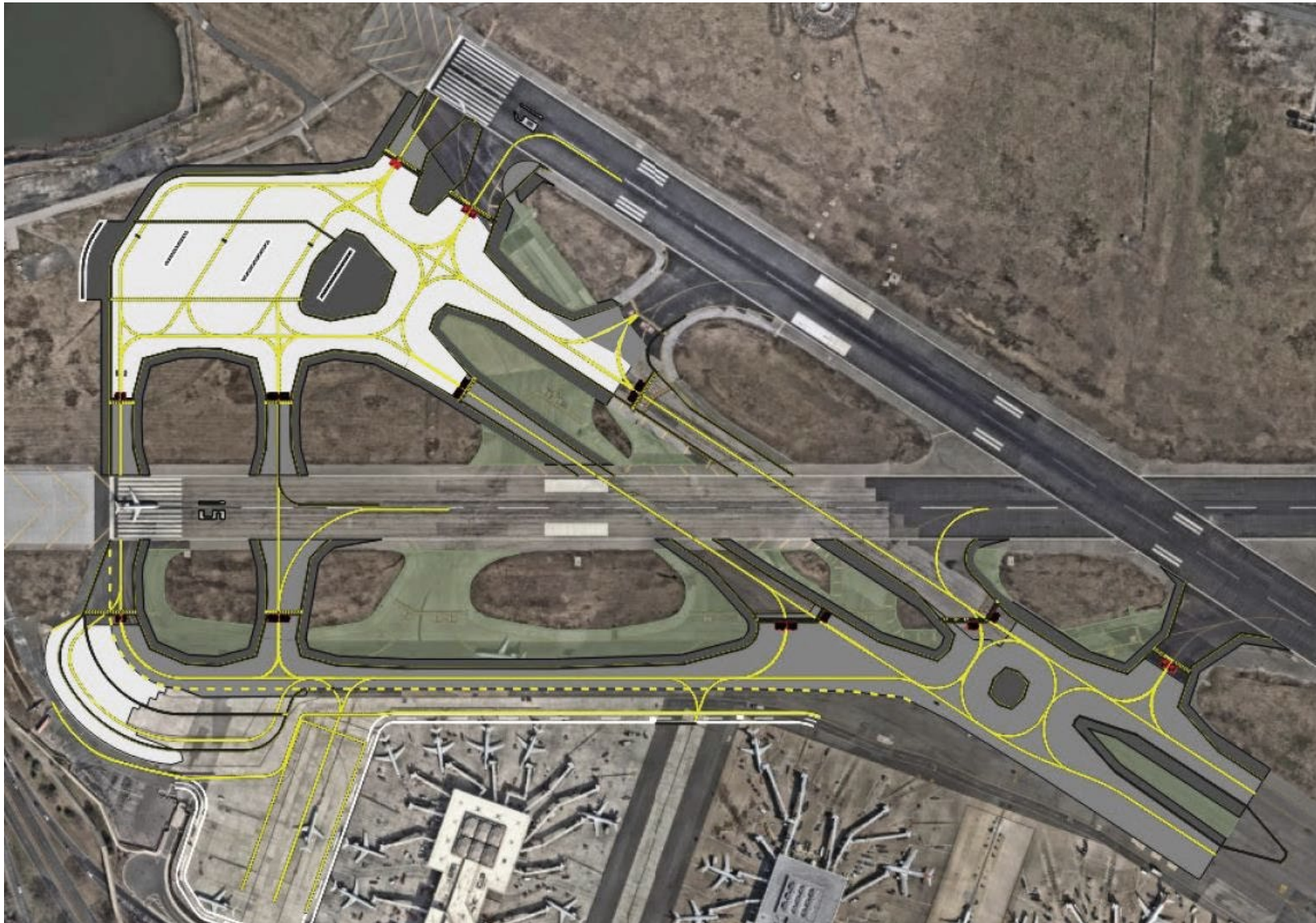
Construction Starts Annual

Est. Const. Value \$10M-20M/Year

Anticipated Major Scope Airfield Pavement Rehabilitation; Fuel Pits and Underground Utilities Repair / Upgrades

Expertise Needed Civil and Electrical Engineers, Environmental Specialist, Builders and Trade Partners, Phasing Specialists

IAD



Program/Project	North Airfield Redevelopment
Design Starts	2024 (In Design)
Construction Starts	2026
Est. Const. Value	\$100M-\$150M
Anticipated Major Scope	New Airfield Pavements Pavement Rehabilitation; Airfield Lighting and Underground Utilities
Expertise Needed	Environmental Specialist, Builders and Trade Partners, Phasing Specialists

DCA



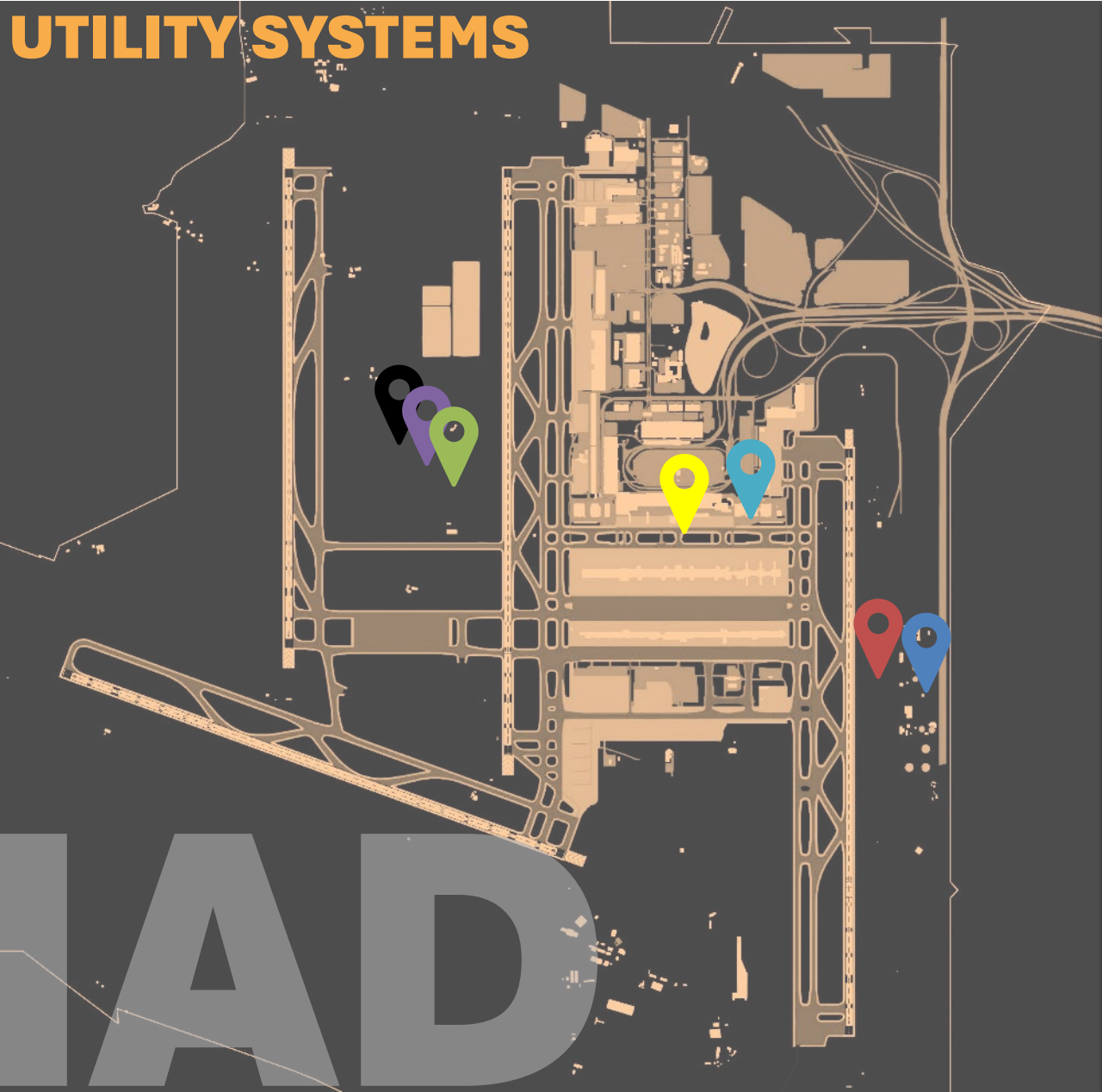
Utilities &



Others

\$1.05B



UTILITY SYSTEMS

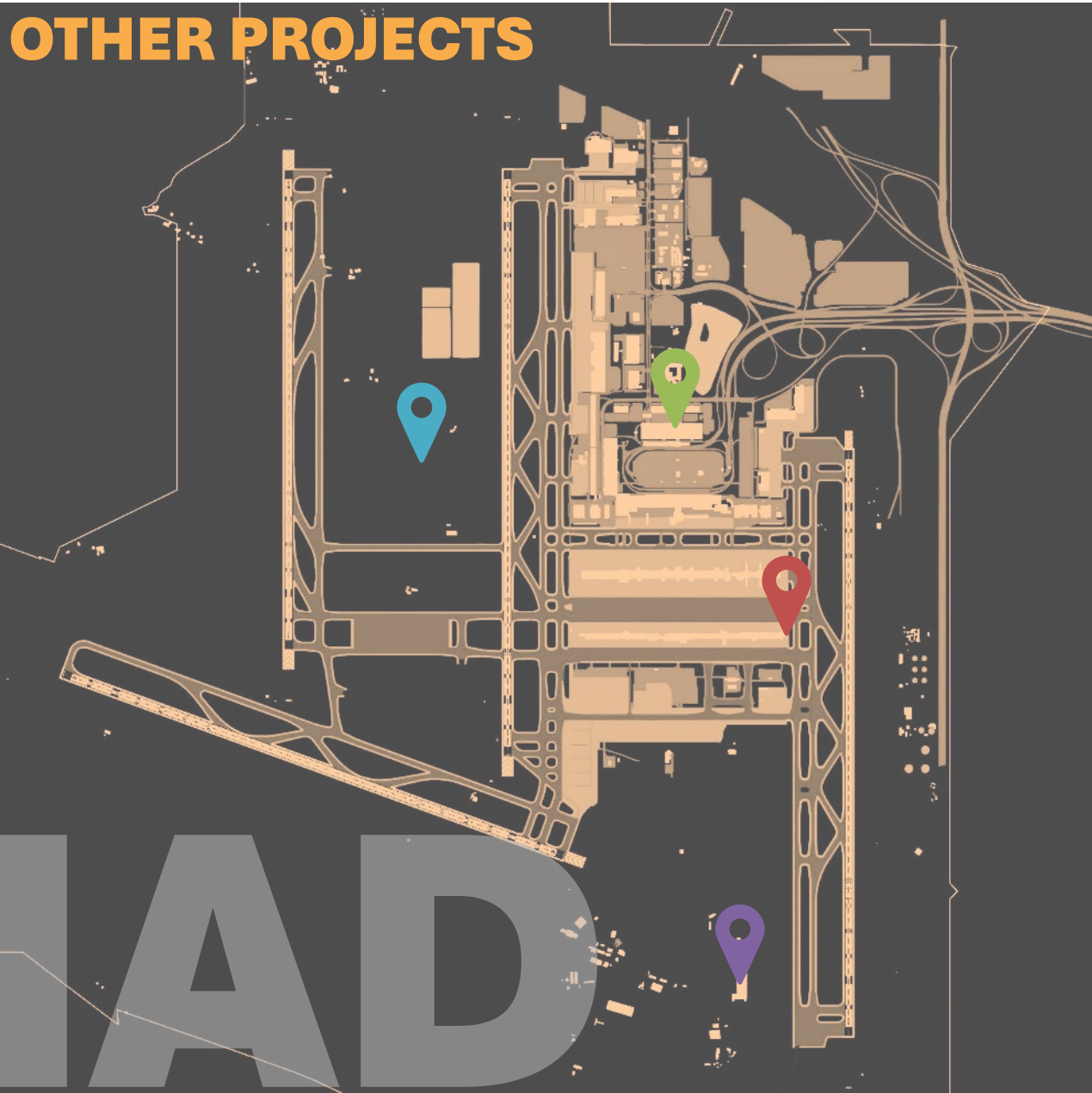


-  Sanitary Sewer Upgrades
-  Central Plant Upgrades
-  Electrical Infrastructure
-  Stormwater Management Facilities
-  Natural Gas Piping Replacement
-  **Settling Tank**
-  Hydrant Fuel System Upgrades
- Enterprise Asset Management Program
- Network Infrastructure





OTHER PROJECTS



Storm and Severe Weather Resiliency Program



Aerotrain Major Maintenance



Signage and Wayfinding Masterplan Implementation



Airside Passenger Conveyance Updates

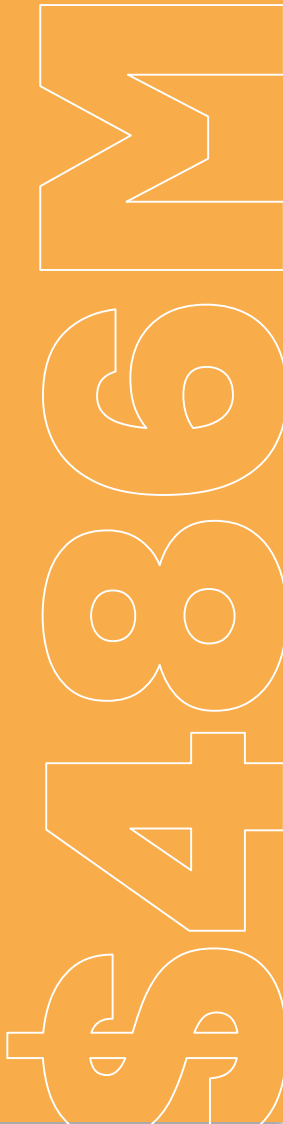
Environmental Sustainability Program

Planning and Programming

Real Estate Studies & Enabling Projects

TSA Security Enhancements Program

IT Projects





UTILITY SYSTEM



-  **Fuel Farm Expansion**
-  **Sanitary Sewer Main**
-  **CW/HTHW Piping Replacement**
-  **Electrical Infrastructure**
-  **Emergency Generator**
- Enterprise Asset Management Program**
- Network Infrastructure**

DCA





OTHER PROJECTS



DCA



Storm and Severe Weather Resiliency Program



CC2DCA Multimodal Connection Enabling Project

Sustainability Enhancement Program

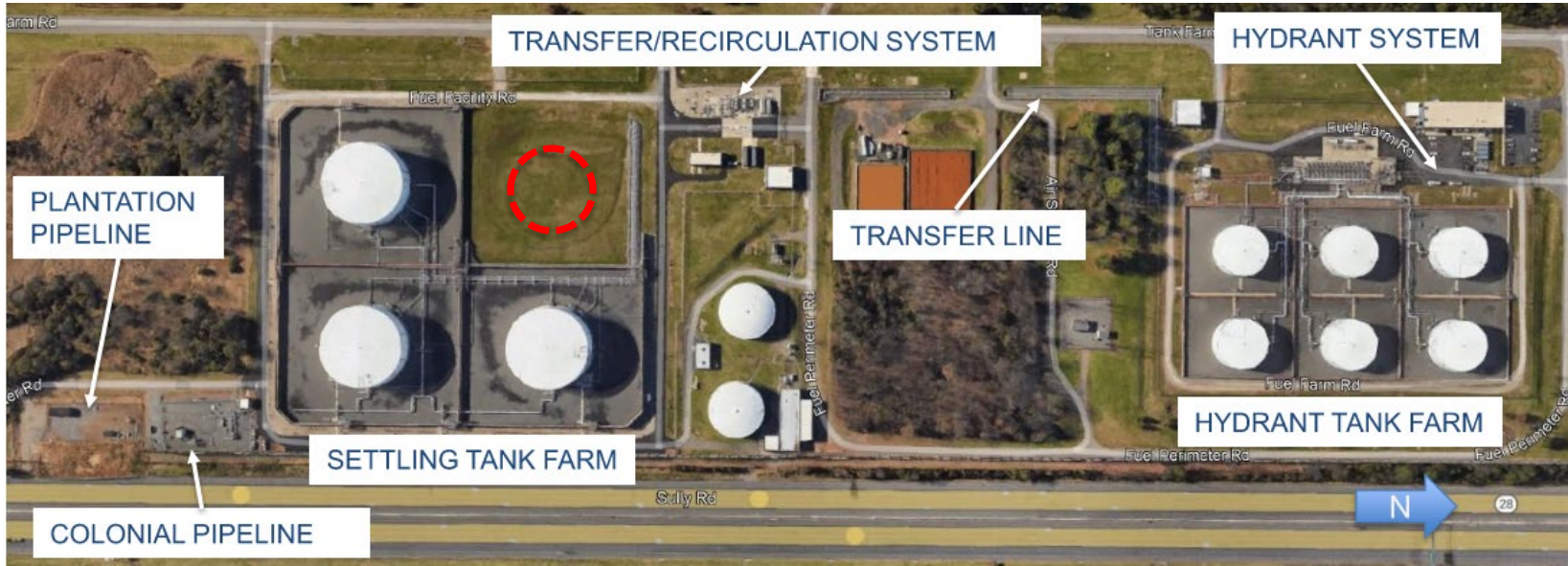
Planning and Programming

Real Estate Development Studies and Projects

TSA Security Enhancements Program

IT Projects



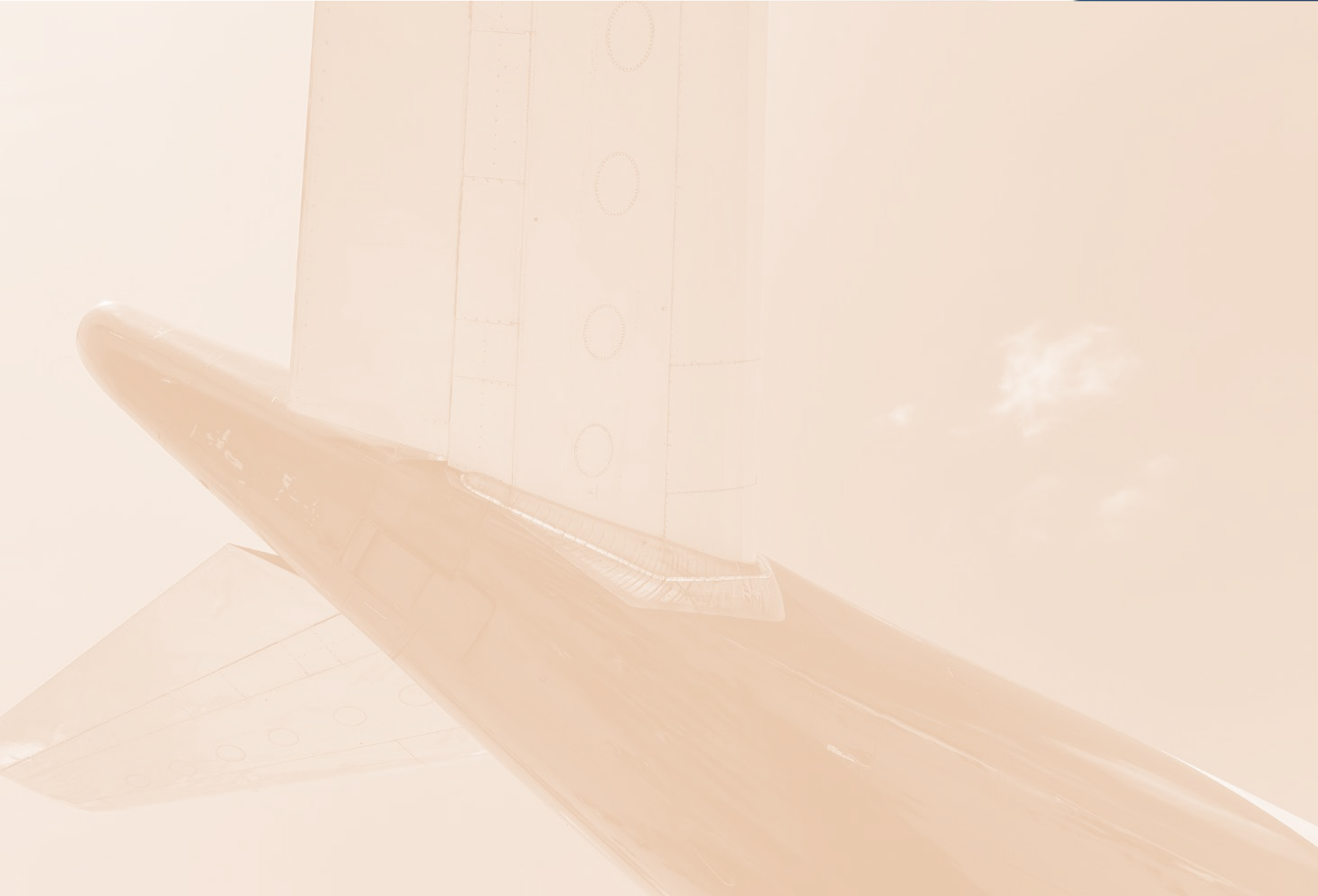


Program/Project	Fuel Farm Expansion
Design Starts	2025
Construction Starts	2026
Est. Const. Value	\$50M-70M
Anticipated Major Scope	Settling Tank, Electrical Feeder replacement
Expertise Needed	Fuel Farm Designers, Civil, Mechanical and Electrical Engineers, Cathodic protection specialist, Builders and Trade Partners

IAD
DCA



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY



Procurement



2024 Design

6 A/E Solicitations (>\$450M Design Capacity)

- Civil Engineering Task Design Services Solicitation
- Buildings and Facilities Design Support Services
- IAD Tier-2 and Tier-3 A/E
- IAD 1R/19L A/E (November 2024)
- IAD Main Terminal and Concourses Redevelopment A/E (Q1 2025)
- DCA Terminal 1 and South Area A/E (Q1 2025)



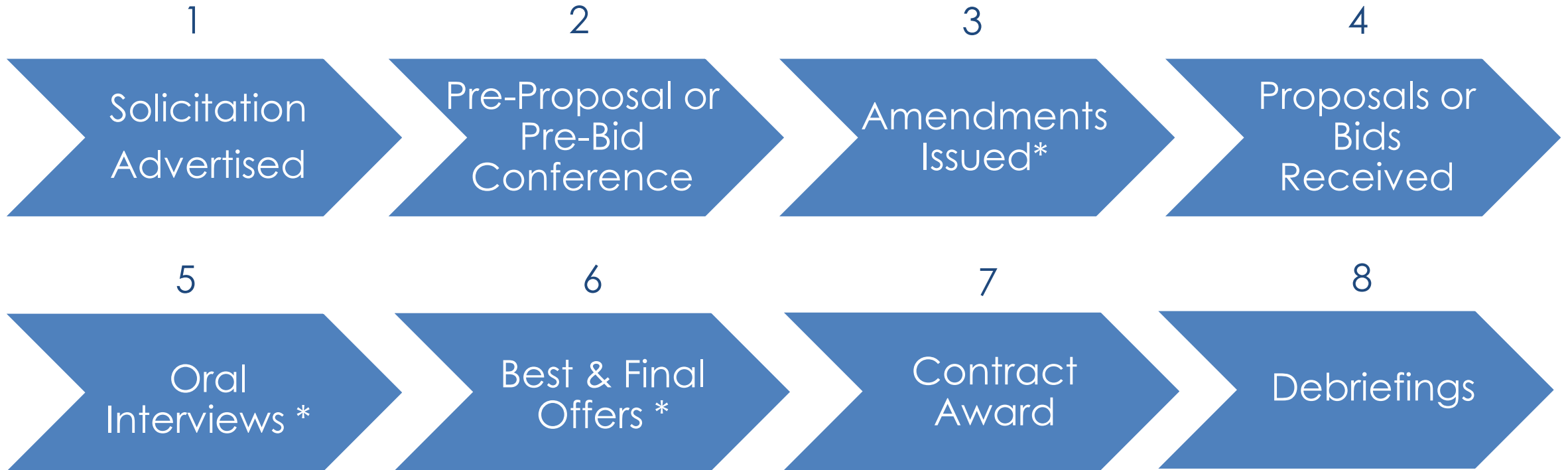
2025 Key Contracts

Supplier Contracts

- **A/E** – Commissioning Agent
- **A/E** – IAD Roadway
- **A/E** – General TO Design Contracts 2026 exp. (Recompete)
- **CMAR** – IAD Tier 2 Phase 2 (FIS), Utilities, Fuel
- **CMAR** – IAD Main Terminal, Baggage, Connector
- **CMAR** – DCA Terminal 1, South Area, Fuel
- **D/B** – Passenger Boarding Bridge Replacement



MWAA Procurement Process



* Optional; Depending on Solicitation



Procurement Forecast

MWAA PLANNED PROCUREMENTS - JANUARY - MARCH 2025

	REQUESTING OFFICE	PROJECT TITLE	DESCRIPTION	ESTIMATED VALUE
1	Communications	District of Columbia Lobbyist Consulting Services	District of Columbia Lobbyist Consulting Services	\$100,000 - \$200,000
2	Engineering	Hangar 5 Fire Protection System Update, DCA	Rehabilitate and Upgrade Fire Protection System at Hangar 5	\$3,000,000 - \$5,000,000
3	Engineering	Commercial Real Estate Services	Real Estate Consulting, Leasing, Feasibility and Other Services for Airports Authority Existing and Prospective Real Estate	\$1,000,000 - \$2,000,000
4	Engineering	Electrical Substation A4 Replacement, IAD	Electrical Substation Replacement of Substation A4 at Concourse C/D	\$5,000,000 - \$10,000,000
5	Engineering	Airfield Stormwater and Sanitary Sewer System, IAD	Rehabilitation of Airfield Stormwater System and Sanitary Sewer Systems	\$5,000,000 - \$10,000,000
6	Engineering	Commercial Developer and Operator - New Dulles Hotel, IAD	Seeking Third Party Developer/Operator for a New Flagship Hotel Development	\$1,000,000 - \$2,000,000
7	Engineering	Preconstruction and Construction Services for Baggage Facility, International Arrivals Building and Main Terminal Connector, IAD	Preconstruction and Construction Services for New Baggage Facility, International Arrivals Building and Main Terminal Connector, IAD	Over \$200,000,000
8	Engineering	Preconstruction and Construction Services Terminal 1 Redevelopment Program, DCA	Preconstruction and Construction Services for New Concourse and Redevelopment of Terminal 1	Over \$200,000,000

<https://www.mwaa.com/business/upcoming-contracting-opportunities>



Doing Business with the Airports Authority

Contracting Opportunities

Cargo

Concessions

Advertising

Construction

Airport Business

Real Estate

CONTRACTING OPPORTUNITIES

[Home](#) [➤](#) **Contracting Opportunities**

Current Contracting Opportunities

Upcoming Contracting Opportunities

> Award Information

> Contracting Manuals, Forms, and Other Resources

> Supplier Diversity

Overview of Contracting Programs

The Metropolitan Washington Airports Authority's Office of Supply Chain Management provides procurement support to the entire Airports Authority to include Ronald Reagan Washington National and Washington Dulles International airports, the Dulles Toll Road and the Dulles Corridor Metrorail Project (Metrorail Silver Line).

Contracting Opportunities

- [Current Contracting Opportunities](#)
- [Upcoming Contracting Opportunities \(Forecast\)](#)
- [Contract Award Information](#)



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY



Q&A



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