

2021
**CONSTRUCTION
SUMMIT** 
★★★★

PRESENTED BY  **CHI** | **DPS** Department of Procurement Services

Thursday, March 25, 2021 | 10:00 am – 5:00 pm



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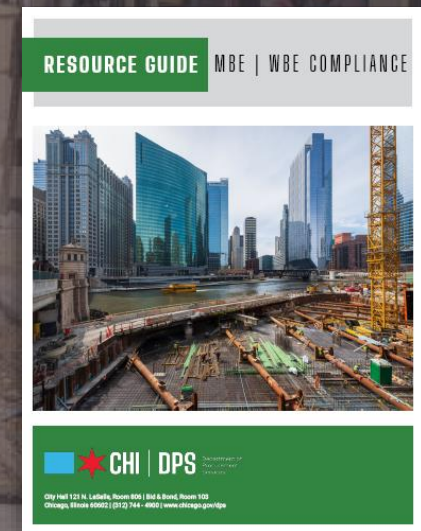
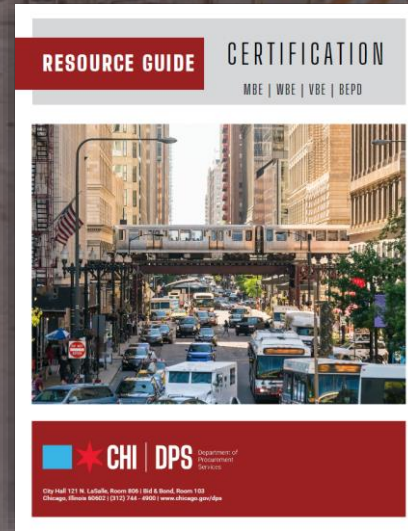
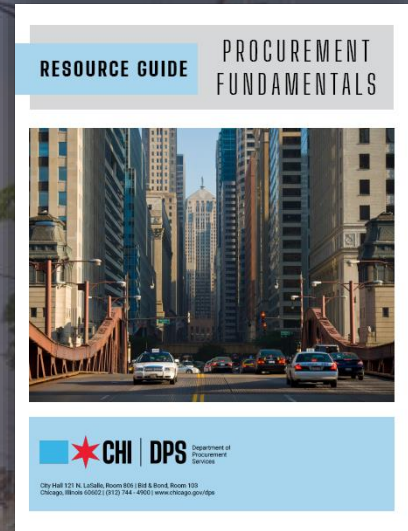
2021
**CONSTRUCTION
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4:00 PM - 5:00 PM
CHICAGO DEPARTMENT OF WATER MANAGEMENT (DWM)



RESOURCE GUIDES

- DPS has published a four-volume set of Resource Guides, expanding on the guiding principle of transparency.
- The Resource Guides were divided into key areas of the procurement process:
 - Contract Administration
 - Incentives and Programs
 - Certification
 - Compliance
- Download now at www.chicago.gov/dpsguides



Chicago Department of Aviation (CDA)

Alex Leon

Deputy Commissioner - Design & GIS
Email: alex.leon@cityofchicago.org



DPS Construction Summit

Design & Construction – Procurement Opportunities

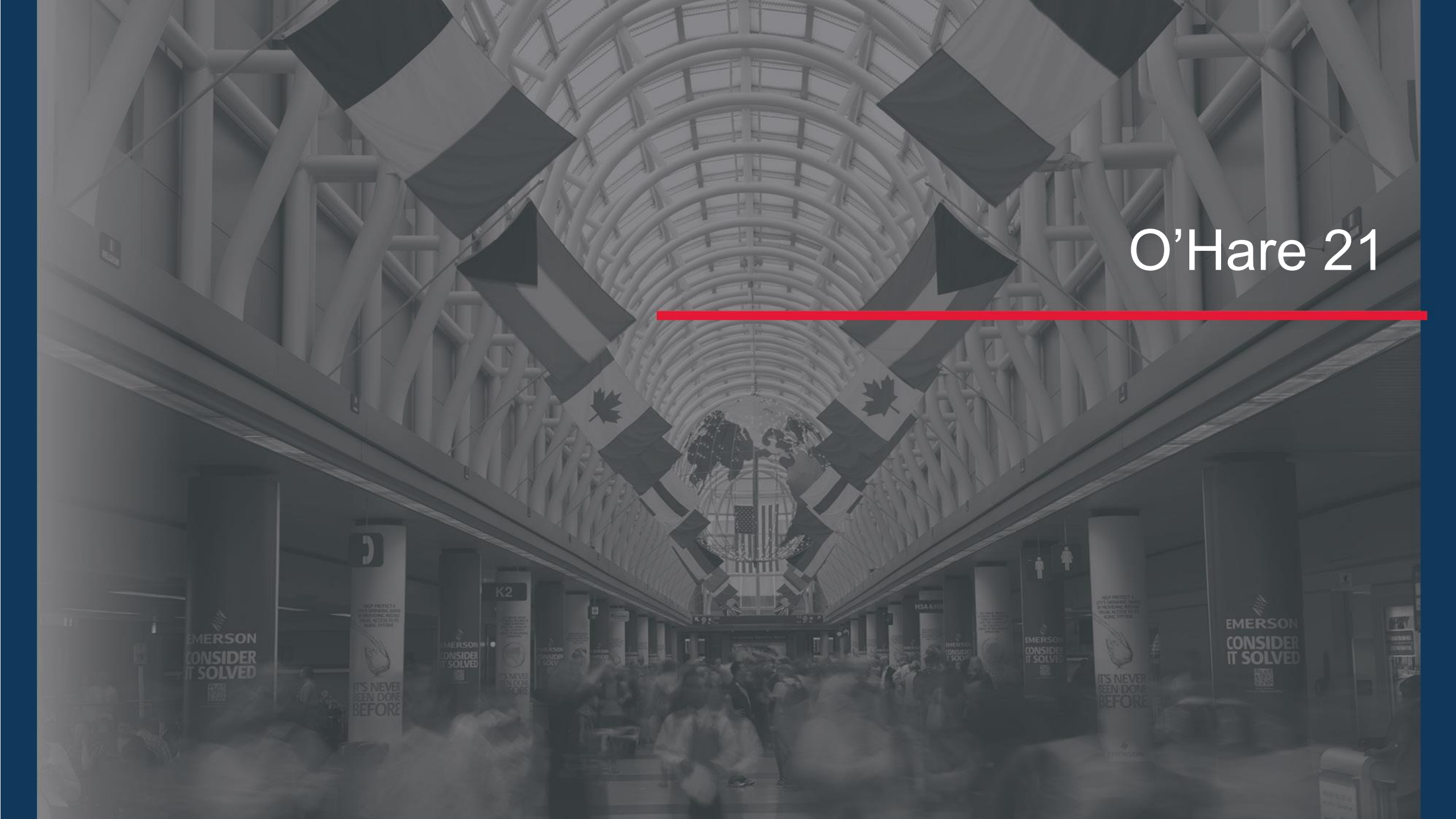
March 25, 2021



AGENDA

- O'Hare 21
- Professional Services Opportunities
- Construction Opportunities through City
- Construction Opportunities through CMARs

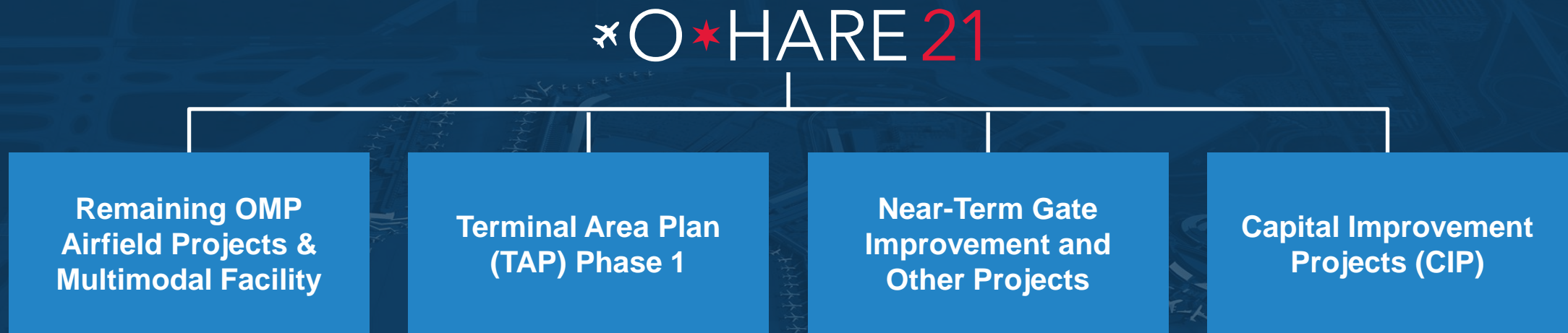
O'Hare 21



WHAT IS O'HARE 21?

2018 AIRLINE USE AND LEASE AGREEMENT APPROVES \$8.5 BILLION FUNDING FOR NEW CAPITAL PROJECTS

- O'Hare 21 is an umbrella for O'Hare Capital Projects which will bring the airport into the 21st century
- It includes ongoing capital programs plus those that received approval in the AULA



THE O'HARE 21 DESIGN AND CONSTRUCTION TEAM IN PLACE



PROGRAM MANAGEMENT ORGANIZATIONS

Connect Chicago Alliance - DMJM Aviation Partners



ENVIRONMENTAL ASSESSMENT



FAA



O'HARE GLOBAL TERMINAL

Studio ORD team



SATELLITE CONCOURSES

SOM team



LEAD CIVIL ENGINEER

HNTB (consolidated tunnel between OGT and concourses)

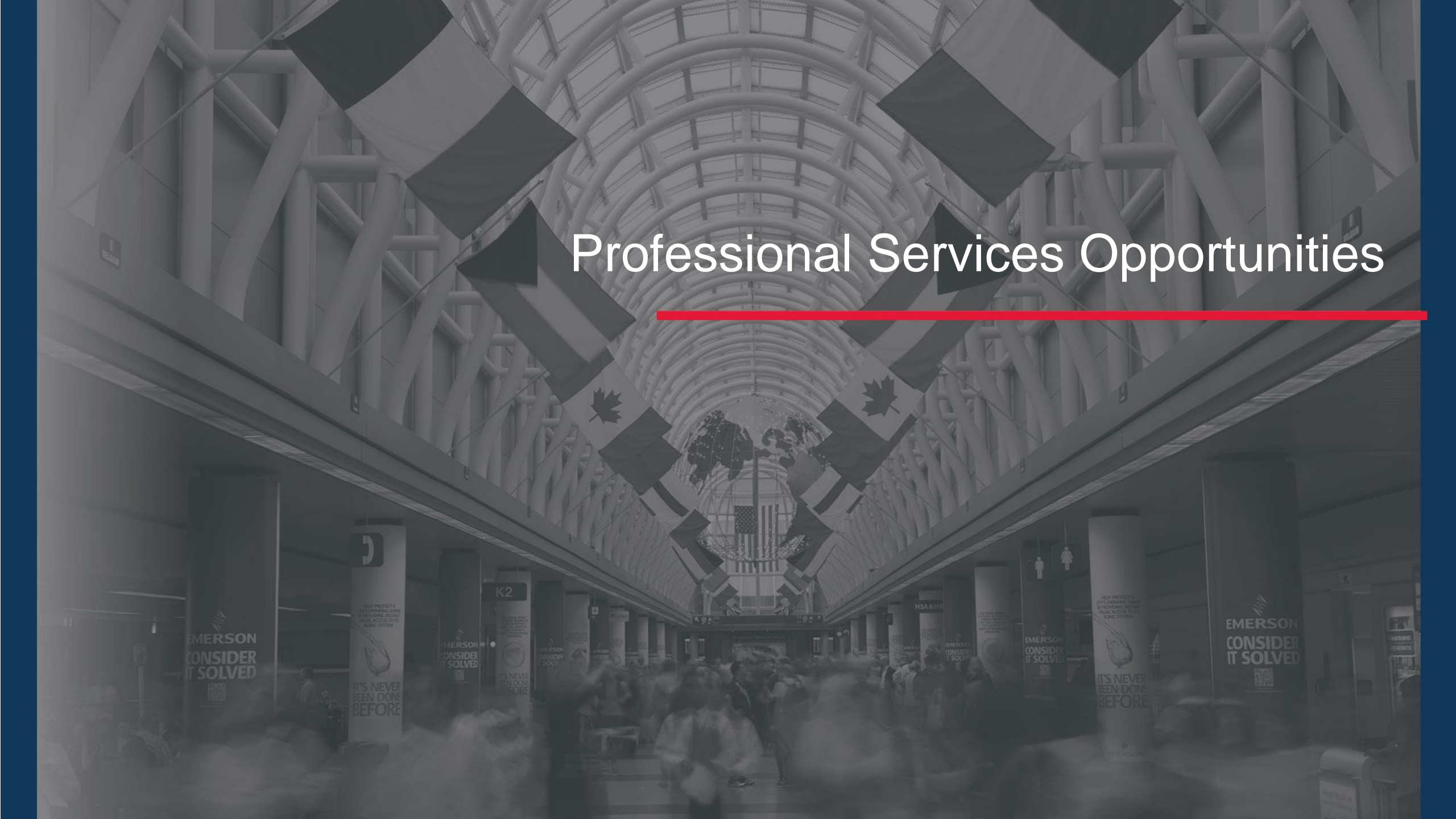


CONSTRUCTION MANAGERS

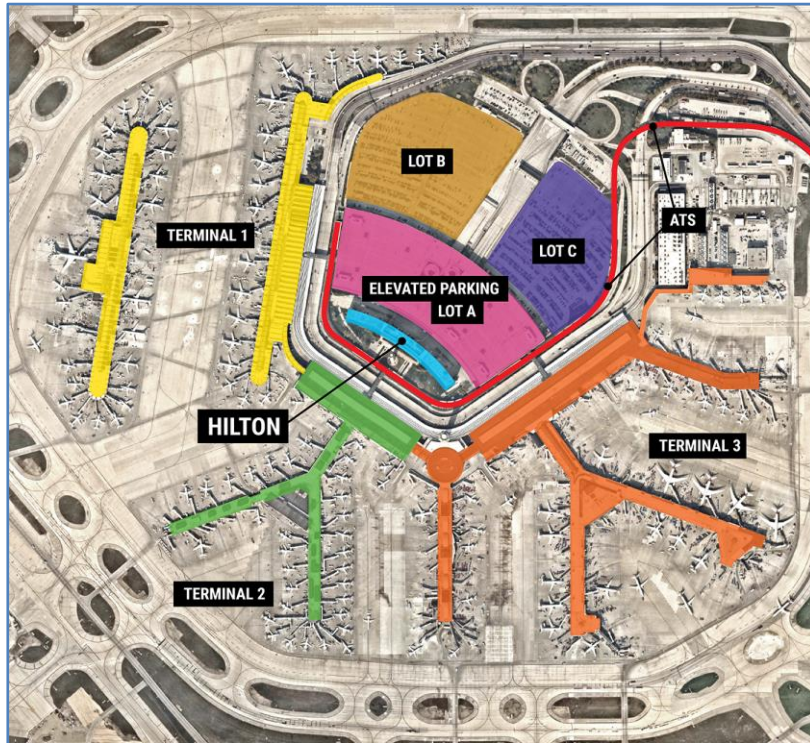
AECOM Hunt Clayco Bowa JV - Austin Power Partners - Turner Paschen Aviation Partners

Many other CIP projects to be competitively bid for design and construction.

Professional Services Opportunities



RFQ FOR HILTON O'HARE HOTEL RENOVATION AND DESIGN SERVICES



ANTICIPATED RFQ ADVERTISEMENT:

2ND QUARTER 2021

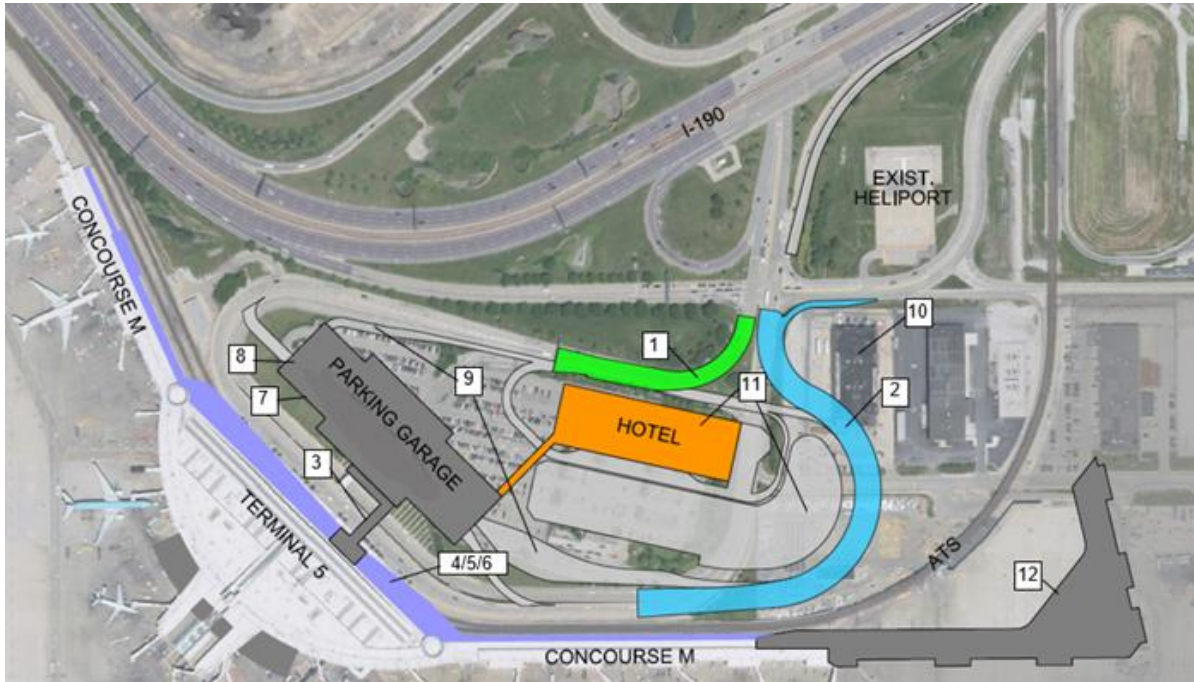
ESTIMATED CONTRACT VALUE:

\$5 - \$10 MILLION

PROFESSIONAL SERVICES

The Scope of Professional Services includes architectural and engineering design services, including planning, programming, validation, design, work packaging, and construction phase support services for the Hotel Renovation. The Hotel Renovation is required in order to modernize the facility so that it has the look and feel of a brand-new hotel. This modernization is intended to meet the needs of today's traveler, providing improved amenities, technology, and retail potential that will stimulate increased revenue. Additionally, the Hotel Renovation will address compliance with current code and regulatory requirements.

RFQ FOR TERMINAL 5 LANDSIDE AND PARKING IMPROVEMENTS (PHASE 1) TARGET MARKET



ANTICIPATED RFQ ADVERTISEMENT:

2ND QUARTER 2021

ESTIMATED CONTRACT VALUE:

\$5 - \$10 MILLION

PROFESSIONAL SERVICES

The Scope of Professional Services in this RFQ includes architectural and engineering design services, including validation, final planning, programming, design, and construction phase support services for landside upgrades to Terminal 5. The project includes upgrades to the terminal, roadway and site civil improvements, and a pedestrian bridge. Terminal Improvements consist of landside vertical circulation infrastructure, building extension between the current building façade and the curbside, and wayfinding to accommodate improvements. The roadway and site civil improvements include widening and extension of exit roadways on a new alignment, modifications to the curbside and associated roadway to accommodate terminal upgrades, required to connections to I-190, utilities, drainage, and ADA improvements. The pedestrian bridge is a conditioned structure to connect the T5 Parking Garage to T5.

RFQ FOR COMMISSIONING AGENT



ANTICIPATED RFQ ADVERTISEMENT:

3RD QUARTER
2021

ESTIMATED CONTRACT VALUE:

\$5 - \$10 MILLION

PROFESSIONAL SERVICES

The Scope of Professional Services in this RFQ provides for a Commissioning Authority for Commissioning Services on a continuing basis during the contract period for various Airport projects and existing airport systems/facilities in at O'Hare and Midway. Services provided under this Agreement will consist of providing commissioning services for the Terminal Airport Plan TAP, notably the Satellite I and Satellite II terminal construction as well as the O'Hare Global Terminal and existing connection systems/facilities under the direction of the CDA or CDA assigned commissioning manager designee.

RFQ FOR DEVELOPER SERVICES PERMIT REVIEW



ANTICIPATED RFQ ADVERTISEMENT: 3RD QUARTER 2021

ESTIMATED CONTRACT VALUE: \$5 - \$10 MILLION

PROFESSIONAL SERVICES

The Scope of Professional Services in this RFQ includes municipal code compliance review and associated project review services for various small to large/complex CDA projects located throughout at O'Hare & Midway Airport, including examination of project plans and municipal code compliance, for the purpose of supporting the Department of Building's permitting process. Various Municipal Code review projects are anticipated. Respondent must perform services in accordance with Department of Buildings standards and the Municipal Code of the City of Chicago and within time frames as required by the Commissioner.

Construction Opportunities through City



REPLACE PASSENGER AND FREIGHT ELEVATORS IN H&R BUILDING



CONSTRUCTION

Complete removal of existing freight elevator. Installation of new elevators with 25,000 lb. capacity in existing shaft and one 4,000 lb. capacity service/passenger elevator in new location.

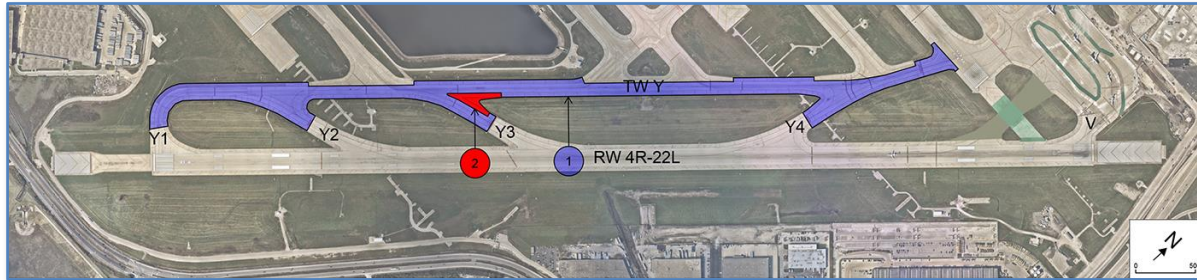
ANTICIPATED CONSTRUCTION
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ADVERTISED

ESTIMATED CONSTRUCTION VALUE:

\$1 - \$2 MILLION

TAXIWAY Y AND ASSOCIATED TAXIWAYS REHABILITATION



CONSTRUCTION

This construction project rehabilitates Taxiway Y and Exit Taxiways which entails milling and bituminous overlay, as well as the necessary striping, grooving and LED lighting installation of approximately 92,000 SY of Taxiway pavement along parallel Taxiway Y and connecting Taxiways Y1, Y2, Y3, and Y4. Also included is the rehabilitation of associated Taxiway shoulders. Additionally, TW Y and associated TW Y taxiways will require modified sign locations per new AC, offsetting signs from the edge of full depth pavement and correcting messages where needed.

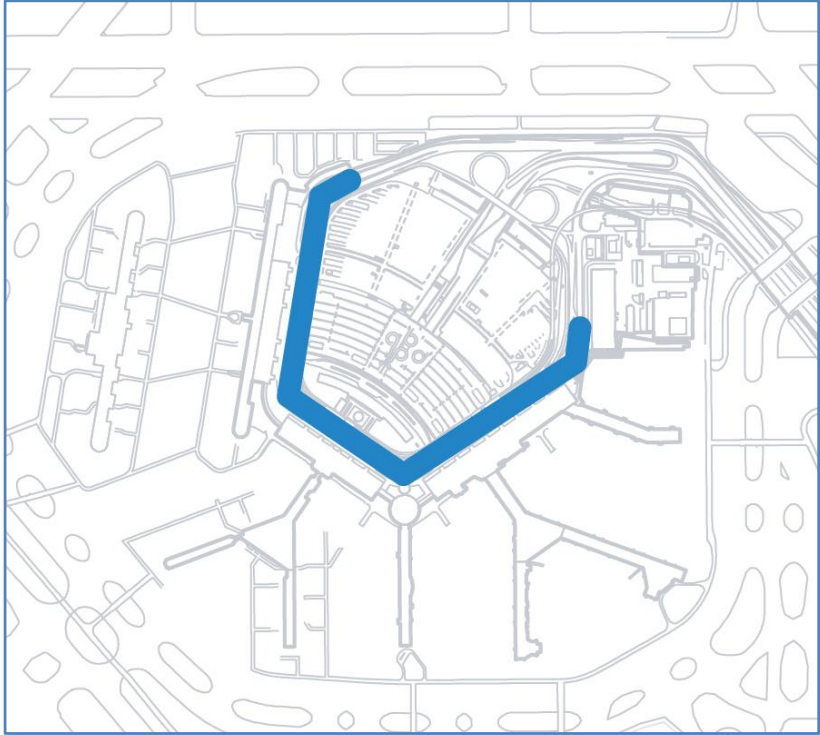
ANTICIPATED CONSTRUCTION
ADVERTISEMENT:

2ND QUARTER 2021

ESTIMATED CONSTRUCTION VALUE:

\$5 - \$10 MILLION

TERMINAL BUILDING ADA

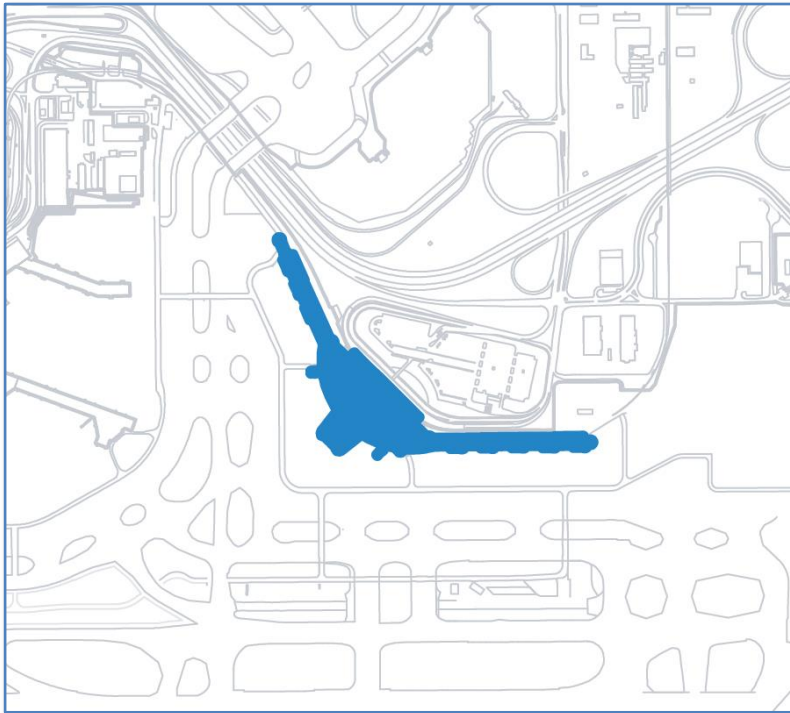


CONSTRUCTION

Design and construction of ADA improvements in and adjacent to the Terminal Buildings. SBI-1

ANTICIPATED CONSTRUCTION ADVERTISEMENT:	1 ST QUARTER 2022
ESTIMATED CONTRACT VALUE:	\$3 - \$5 MILLION

T5 BUILDING ADA IMPROVEMENTS

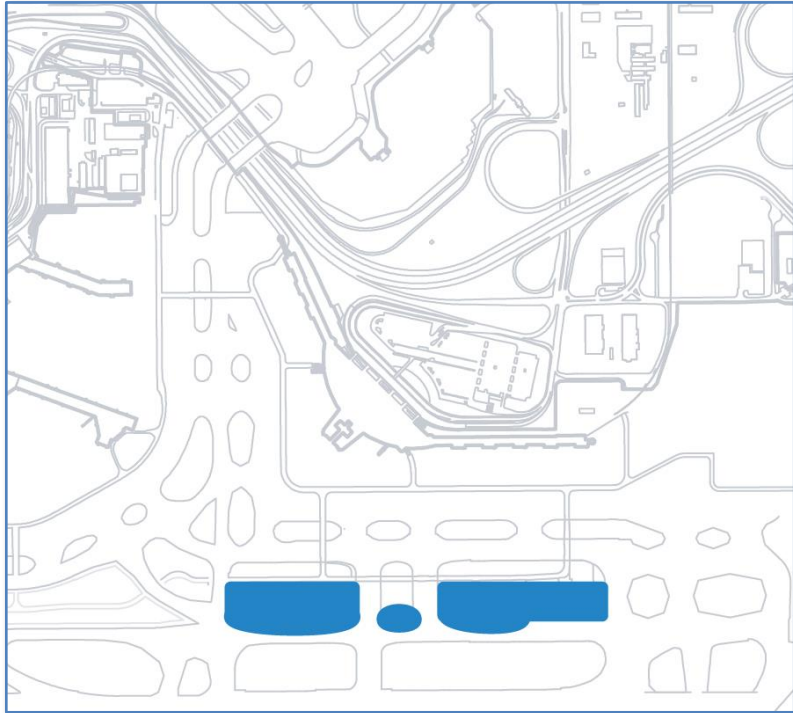


CONSTRUCTION

ADA improvements in and adjacent to the terminal building to incorporate current compliance measures as identified by FAA and the ADA standards for accessible design.

ANTICIPATED CONSTRUCTION ADVERTISEMENT:	1 ST QUARTER 2022
ESTIMATED CONTRACT VALUE:	\$500K - \$1 MILLION

TAXIWAY LL PHASE II EXTENSION



CONSTRUCTION

New pavement to extend Taxiway LL between Taxiway EE and Taxiway Y; demolition of existing Taxiway N pavement and its relocation to previously constructed pavement to the South; installation of new airfield lighting and markings; and construction of new shoulders where necessary.

ANTICIPATED CONSTRUCTION
ADVERTISEMENT:

2ND QUARTER 2022

ESTIMATED CONTRACT VALUE:

OVER \$20 MILLION

SPINE ROAD AIRSIDE RELOCATION



CONSTRUCTION

Move the AOA security fence east of the existing spine road and reconstruct portions of a new airside roadway in the place of existing spine road to increase capacity. MBI-2

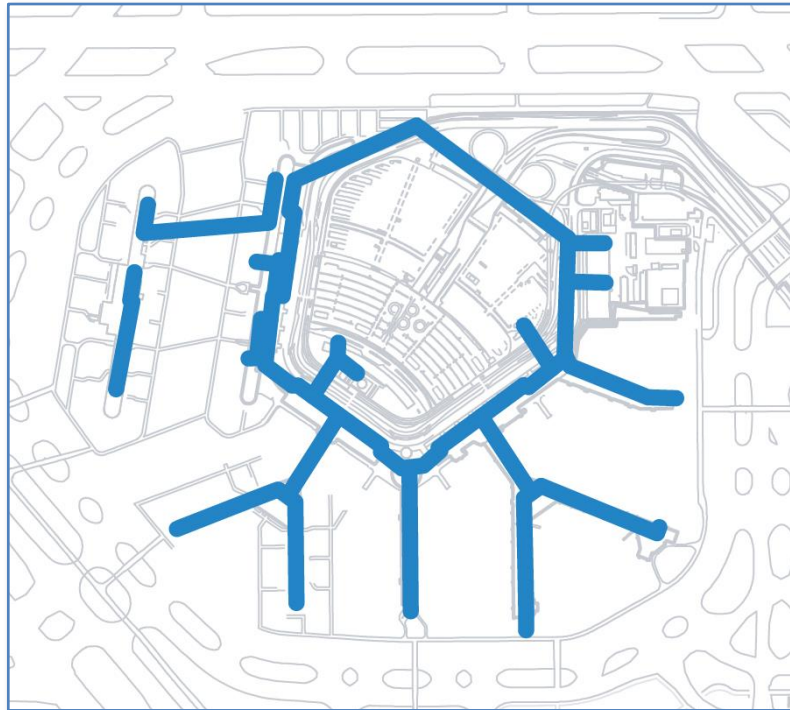
ANTICIPATED CONSTRUCTION
ADVERTISEMENT:

2ND QUARTER 2022

ESTIMATED CONTRACT VALUE:

\$5 - \$10 MILLION

RING TUNNEL ELECTRICAL AND LIGHTING INFRASTRUCTURE



CONSTRUCTION

The project work scope includes the replacement of approximately fifty (50) percent of the existing electrical and lighting infrastructure in the Ring Tunnel inclusive of cost saving LED lighting. The work will include the removal and replacement of conduit, wiring/cable, fixtures and Life Safety Improvements in approximately 196,000 SF of the entire 392,000 SF tunnel.

ANTICIPATED CONSTRUCTION
ADVERTISEMENT:

2ND QUARTER 2022

ESTIMATED CONTRACT VALUE:

\$5 - \$10 MILLION

90" JAWA RELOCATION



CONSTRUCTION

The project is an enabling project to future reconfiguration projects at the I-190 and Mannheim Rd interchange as the existing utility elevation needs to be lowered in areas adjacent to I-190. The project will include installation of a by-pass 48" water main, new 48" CDWM (Chicago Department of Water Management) water main, new 90" JAWA (Joint Action Water Agency) water main, two 90" hot taps, and other associated water main infrastructure.

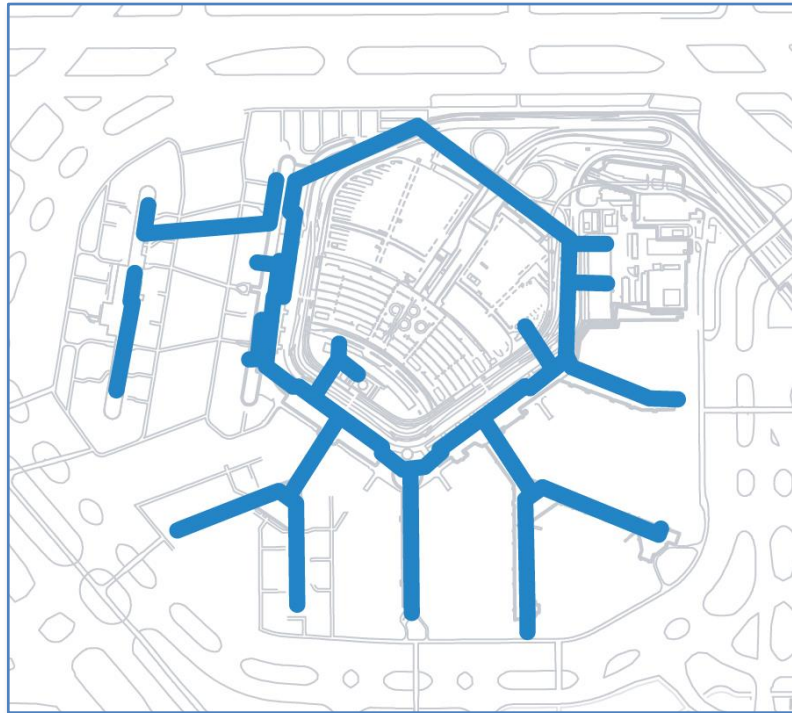
ANTICIPATED CONSTRUCTION
ADVERTISEMENT:

3RD QUARTER 2022

ESTIMATED CONTRACT VALUE:

OVER \$20 MILLION

RING TUNNEL EXHAUST SYSTEM



CONSTRUCTION

Design and construction to upgrade the existing exhaust fan system in the ring utility tunnel. MBI-1

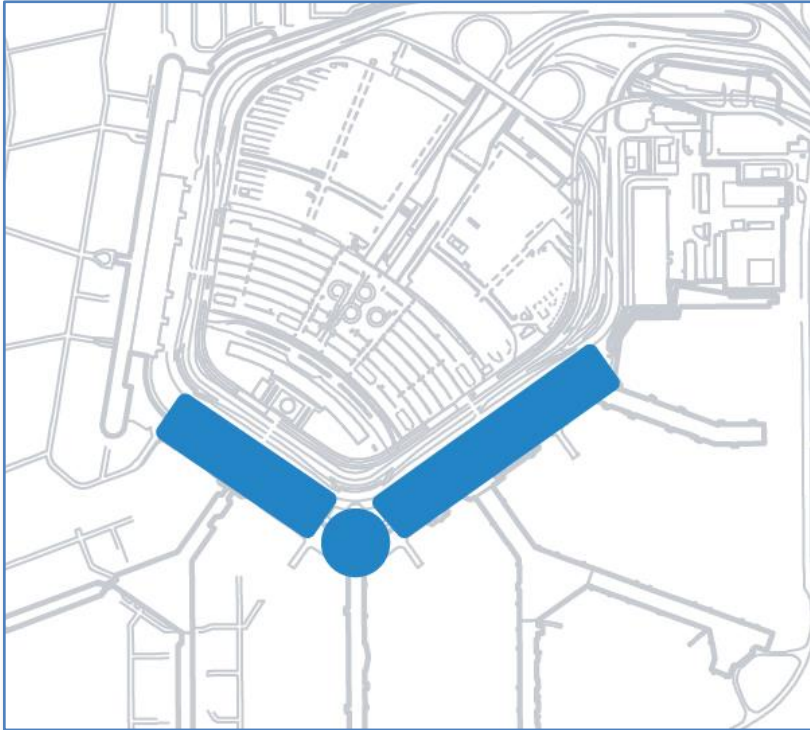
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3RD QUARTER 2022

ESTIMATED CONTRACT VALUE:

\$10 - \$20 MILLION

COMBINED HEAT EXCHANGER PROJECTS (TERMINALS 2, 3 AND ROTUNDA)



CONSTRUCTION

The project consists of upgrading current heat exchangers in Terminals 2, 3, and the Rotunda. The designer will evaluate the existing conditions of Heat Exchangers to provide detailed design documents.

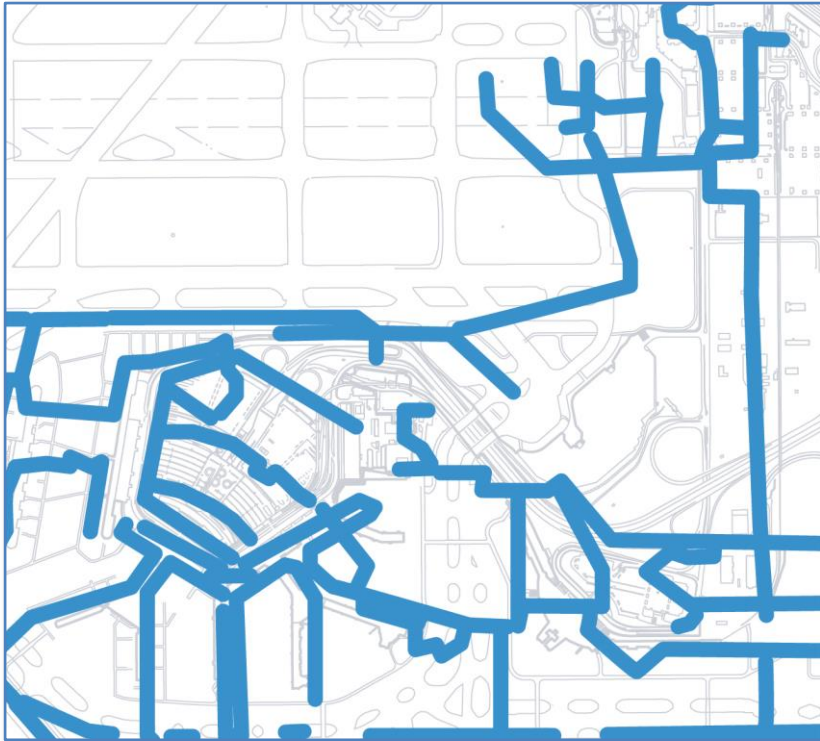
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3RD QUARTER 2022

ESTIMATED CONTRACT VALUE:

\$5 - \$10 MILLION

FIRE HYDRANT AND BACKFLOW PREVENTION IMPROVEMENTS



CONSTRUCTION

Improvements to both landside and airside domestic water quality by reducing the lengths of stagnant water lines leading to fire hydrants. SBI-1

ANTICIPATED CONSTRUCTION
ADVERTISEMENT:

4TH QUARTER 2022

ESTIMATED CONTRACT VALUE:

\$2 - \$3 MILLION

AMC BUILDING RENOVATIONS



CONSTRUCTION

Renovations to the existing AMC building. Items to be addressed include carbon monoxide sensors, exhaust fans and dampers, oil and hazmat storage upgrades, battery room upgrades, and various ADA and CFD Code issues throughout the facility. MBI-1

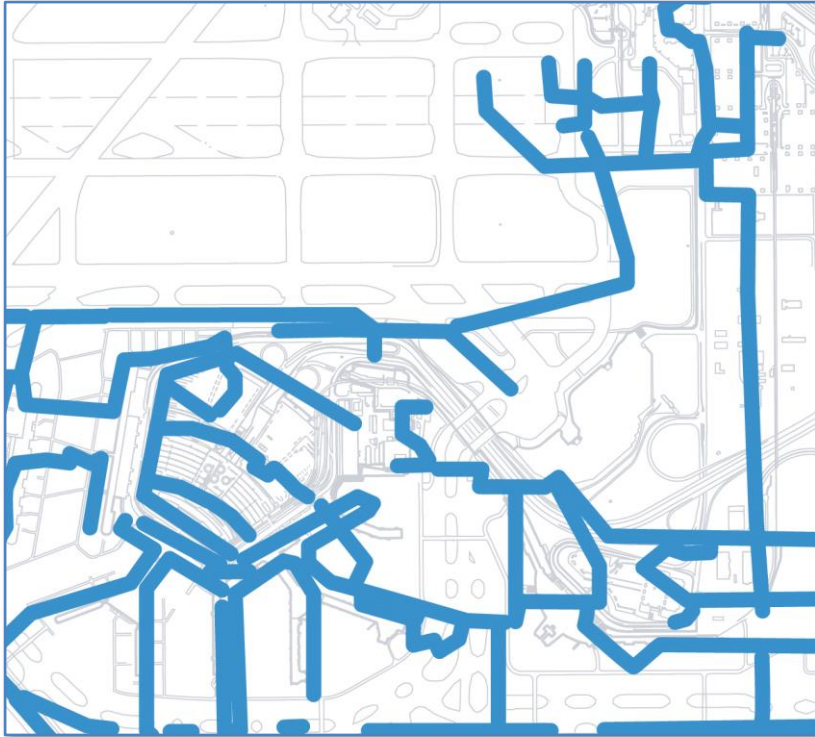
ANTICIPATED CONSTRUCTION
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3RD QUARTER 2023

ESTIMATED CONTRACT VALUE:

\$10 - \$20 MILLION

WATER MAIN AUTOMATIC METER READERS

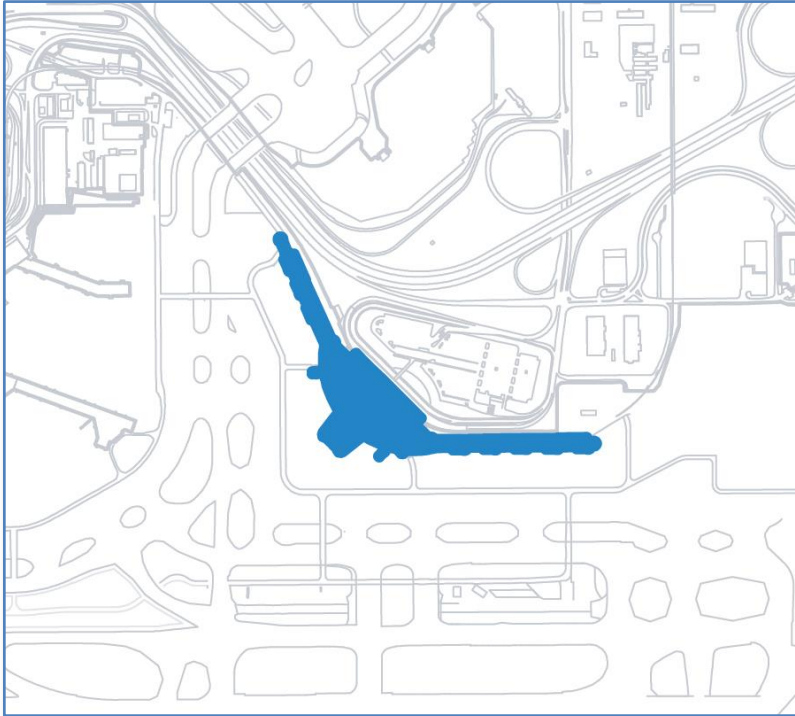


CONSTRUCTION

Relocate various groups of users into one location for Incident Mitigation and provide a central control center for the airport. SBI-2

ANTICIPATED CONSTRUCTION ADVERTISEMENT:	4 TH QUARTER 2023
ESTIMATED CONTRACT VALUE:	\$2 - \$3 MILLION

TERMINAL 5 APRON LEVEL EXTERIOR REPAIRS



CONSTRUCTION

Masonry repairs including tuckpointing, partial and full brick repair/replacement along the exterior LL walls of Terminal 5 Concourse M. The estimated cost is based on 4,320 LF of wall.

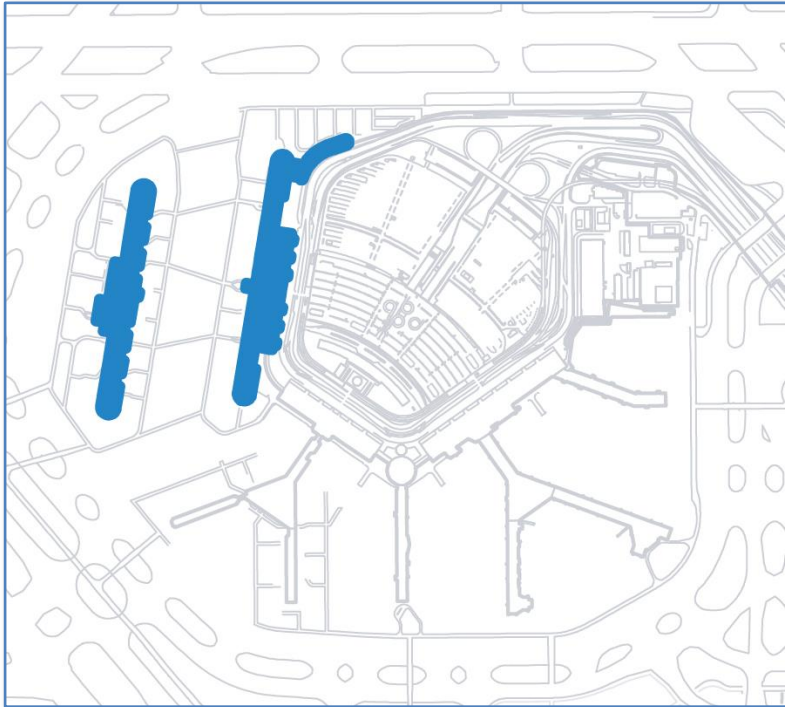
ANTICIPATED CONSTRUCTION
ADVERTISEMENT:

4TH QUARTER 2023

ESTIMATED CONTRACT VALUE:

\$1 - \$2 MILLION

T1 B/C TERMINAL APRON LEVEL EXTERIOR REPAIRS



CONSTRUCTION

Masonry repairs including tuckpointing, partial/full brick repair/replacement along the exterior LL walls of Terminal 1 concourses B & C. SBI-2

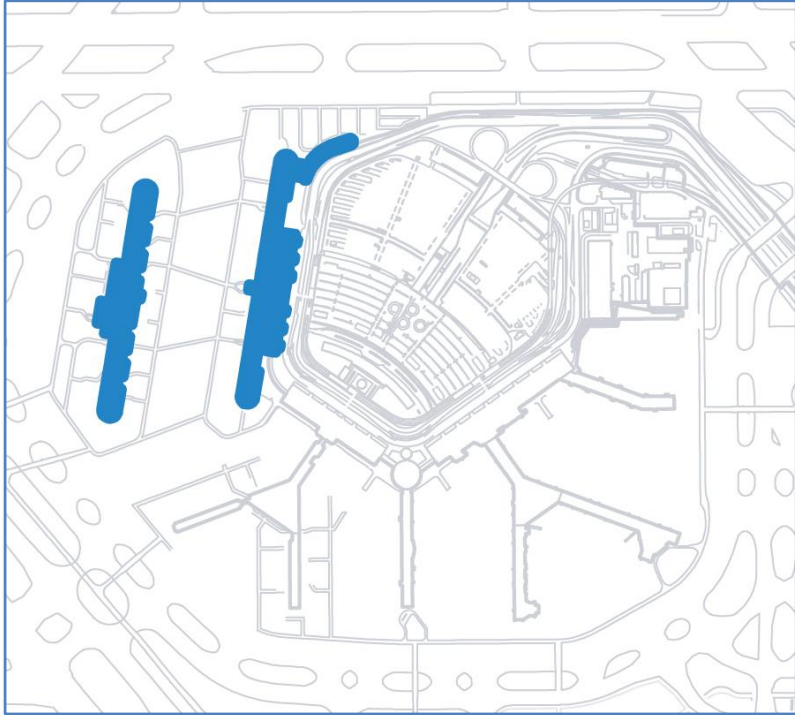
ANTICIPATED CONSTRUCTION
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4TH QUARTER 2023

ESTIMATED CONTRACT VALUE:

\$1 - \$2 MILLION

TERMINAL APRON LEVEL OVERHEAD ROLL-UP DOOR REPLACEMENT T1 B&C

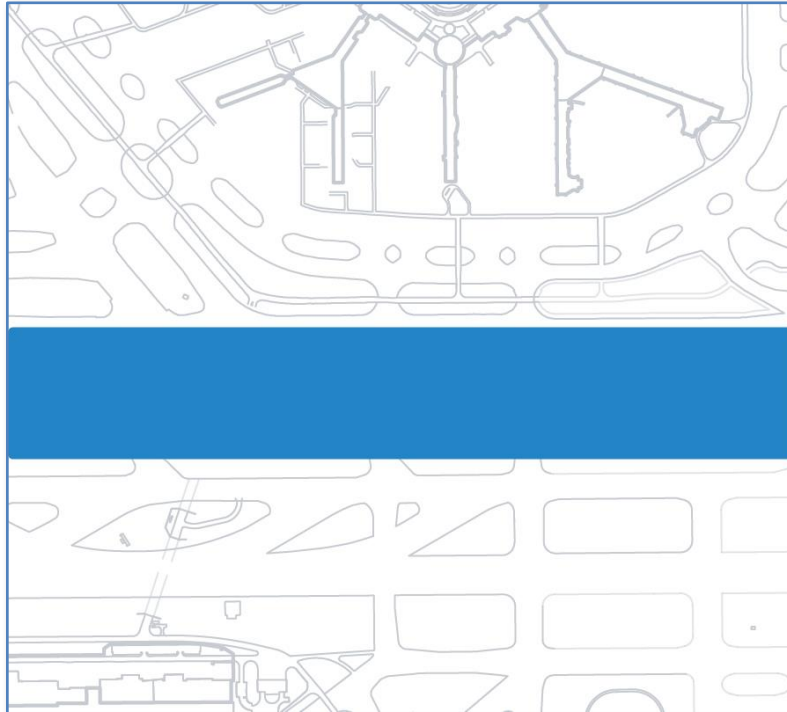


CONSTRUCTION

Replacement of 16 overhead roll-up doors, including associated electrical and controls. SBI-2

ANTICIPATED CONSTRUCTION ADVERTISEMENT:	4 TH QUARTER 2023
ESTIMATED CONTRACT VALUE:	\$1 - \$2 MILLION

RUNWAY 10L-28R REHABILITATION



CONSTRUCTION

Milling, asphalt overlay, pavement grooving, lighting adjustments, and markings of approximately 188,000 square yards of Runway 10L-28R and taxiways within the Runway Safety Area. Work will be restricted to bituminous asphalt pavements. Construction work will be scheduled to comply with airfield operational requirements.

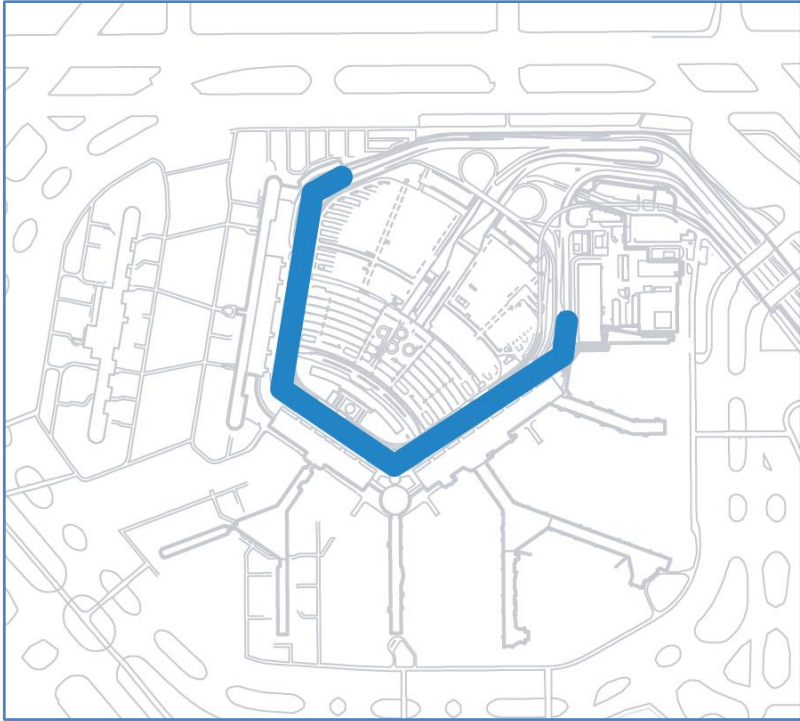
ANTICIPATED CONSTRUCTION
ADVERTISEMENT:

1ST QUARTER 2024

ESTIMATED CONTRACT VALUE:

OVER \$20 MILLION

TERMINAL CORE UPPER LEVEL EXPANSION JOINTS AND SIDEWALKS



CONSTRUCTION

Replace the inner bridge expansion joints and sidewalks in the upper level roadway consisting of the inner roadway lanes and sidewalk in front of Terminals 1, 2, and 3.

ANTICIPATED CONSTRUCTION ADVERTISEMENT:	1 ST QUARTER 2024
ESTIMATED CONTRACT VALUE:	\$5 - \$10 MILLION

Construction Opportunities through CMAR



TURNER PASCHEN AVIATION PARTNERS (TPAP)



RELOCATION OF TAXIWAY A/B - FIBER OPTIC TRANSMISSION SYSTEM (FOTS), CAMPUS CONNECTIVITY AND ALCMS (TOTALING \$2 – 6 M)

- Trade Package 22 – Haul Road Maintenance (SBI)
- Trade Package 23 – Flagging and Maintenance of Traffic (SBI)

**Prequalification active now.

Additional bid packages to be issued in fall 2021 totaling \$24 – \$33 M.

AECOM HUNT CLAYCO BOWA (AHCB)



TERMINAL 5 PARKING STRUCTURE EARLY BID PACKAGES (TOTALING \$25 - \$30 M)

- Site Demolition
- Earthwork
- Deep Foundations
- Earth Retention System
- Curtainwall
- Elevators & Escalators

**Prequalification active now.

Additional bid packages to be issued late summer 2021 totaling \$45 – \$55 M.



JAMIE L. RHEE, COMMISSIONER

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Questions?



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BUYING PLAN 1Q 2021
1Q 2024

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Quick guide to better use the Buying Plan

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THANK YOU FOR ATTENDING!



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