



# O'HARE & MIDWAY

INTERNATIONAL AIRPORTS

Propelling Your Business Through Aviation Opportunities

FEBRUARY 6, 2019



Chicago Department of Aviation 

# AGENDA

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- CDA CONTRACTING
- COMMITMENT TO CAPACITY BUILDING
- WHAT IS O'HARE 21
- KEY O'HARE 21 PROCUREMENTS
- O'HARE CIP
- MIDWAY MODERNIZATION PROGRAM
- MIDWAY CIP



# CDA Contracting

# CDA CONTRACTING

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- The Chicago Department of Aviation (CDA) is in the midst of major modernization efforts for both O'Hare and Midway—presenting thousands of opportunities for local firms and job seekers to participate in the economic success of our airports.
- CDA administers contracts by working in close partnership with the Chicago Department of Procurement Services (DPS) the authority for all City contracting and compliance with local and federal minority participation requirements.
- CDA and DPS work together to promote the inclusion of businesses of all sizes and types, and residents throughout the City's 77 community areas in airport project. Throughout the year, CDA and DPS facilitate workshops, certification, and other community events designed to build capacity by involving local talent and partners.



# **Commitment to Capacity Building**

# WORKFORCE DEVELOPMENT AND OUTREACH IN 2018

- CDA hosts community engagement opportunities throughout the year to connect residents with thousands of airport opportunities set to come online.
- CDA 2018 Outreach Events:
  - 51 Outreach Events including Community Workshops, Hiring Events, CPS Partnership Events, etc.
  - 7 Career Fairs led by CDA
  - 1,300+ Residents Attended
- 30 Student Interns
  - Includes CPS, City Colleges, One Summer Chicago
- Work with various community agency partners to hire residents at the airport:
  - Skills for Chicagoland's Future
  - Chicago Women in Trades (CWIT)
  - North Lawndale Employment Network
  - Safer Foundation



# WORKFORCE DEVELOPMENT - LOOKING AHEAD 2019

- Airport capital programs will support tens of thousands of jobs; opportunities that will evolve into long-term aviation careers. Economic inclusion plan to drive maximum for diversity and inclusion
- Engaging and empowering youth:
  - CPS career and technical programs and capstone classes provide training to mirror permanent airport careers
  - CCC on college-to-careers training
- Continued collaboration with the City Council Diversity Working Group



# INCREASING MBE, WBE AND DBE PARTICIPATION

- Over the next decade an estimated **\$2 billion** in contracts will be awarded to M/W/DBE firms for design and construction services on O'Hare 21.
- Increased collaboration with assist agencies, unions, and CMARs to drive all workforce and economic inclusion efforts
- Increase opportunities for small, diverse, local firms to participate:
  - Bid incentives: 29 contracts already earmarked via SBI/MBI initiatives
  - Increasing Prime participation by smaller vendors



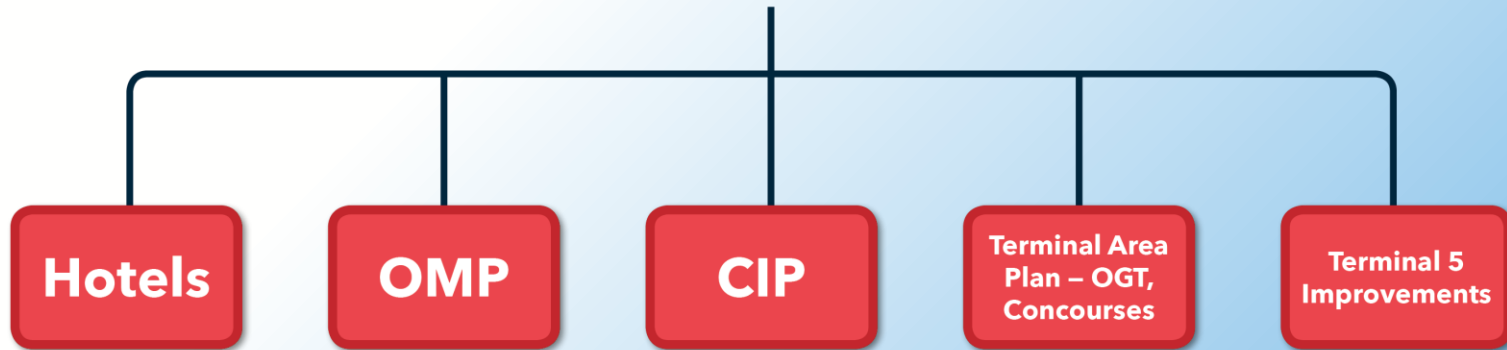




**What is O'Hare 21?**

# WHAT IS O'HARE 21?

## O\*HARE 21



# O'HARE 21 – KEY PROJECTS

- Key projects that are completed, under construction, or planned:
  - The Terminal Area Plan (TAP)
  - Completion of the O'Hare Modernization Program major airfield projects:
    - Runway 9C-27C
    - Runway 9R-27L Extension
  - Terminal 5 Concourse M gate expansion
  - Terminal 3 Concourse L gate expansion
  - Multimodal Facility
  - Central Deicing Pad
  - On-Airport Hotel Developments
  - Northeast Cargo Development
  - 15-Year O'Hare Capital Improvement Plan



# O\*HARE 21

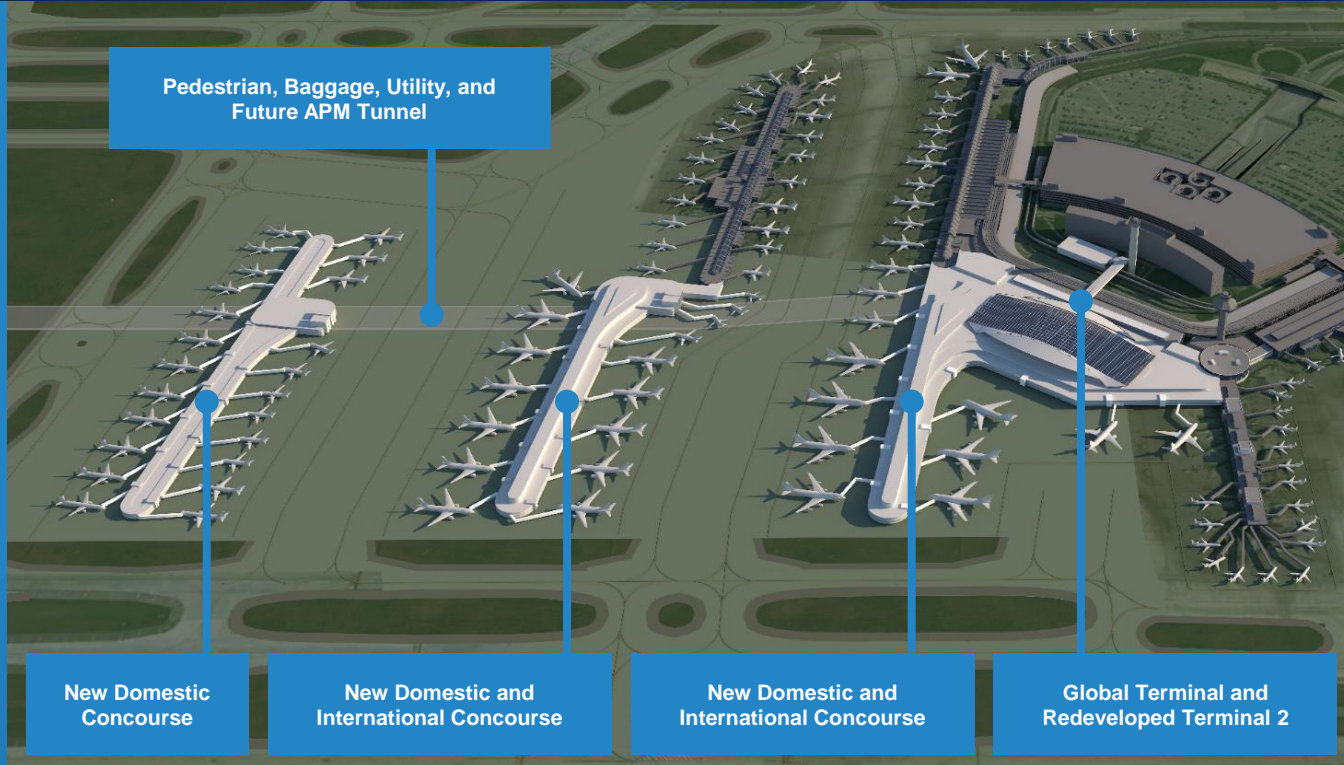
# O'HARE 21'S CENTERPIECE PROJECT – TAP

- Terminal Area Plan (TAP) is the vision for modern and best in class O'Hare passenger terminal facilities
  - Replaces 56-year-old Terminal 2 with the O'Hare Global Terminal
  - Provides 25% additional gate capacity vs. existing facilities to serve modern aircraft fleet
  - Increases passenger terminal area by more than 60% vs. existing facilities to 8.9 million square feet
  - Expands terminal and landside capacity to accommodate anticipated demand
  - Fully integrates domestic and international terminal operations to enhance passenger journey:
    - New and expanded immigration and customs facilities
    - Co-location of domestic and international arrival gates
    - Potential for alliance airline groups to consolidate operations within a single terminal facility
    - New and expanded baggage handling infrastructure

- Reduce airfield congestion and ground delay resulting from lack of aircraft parking positions
- Modernize the oldest terminal facilities at O'Hare

- Enhance revenue opportunities while reducing airline and airport operating costs
- Enhance competition among all airlines

# O'HARE GLOBAL TERMINAL AND SATELLITE CONCOURSES



# O'HARE GLOBAL TERMINAL

- The O'Hare Global Terminal is key to integrating international passenger processing with both hub carriers' domestic operations
  - A natural light filled upper level arrivals hall will welcome international passengers to Chicago
  - A world-class international arrivals facility will speed immigration and customs processing using advanced technologies
  - Hassle-free connections for international arriving passengers transferring to onward domestic flights in Terminals 1 or 3
- Spacious concourse will provide the ultimate in concessions, departure lounges, and public amenities

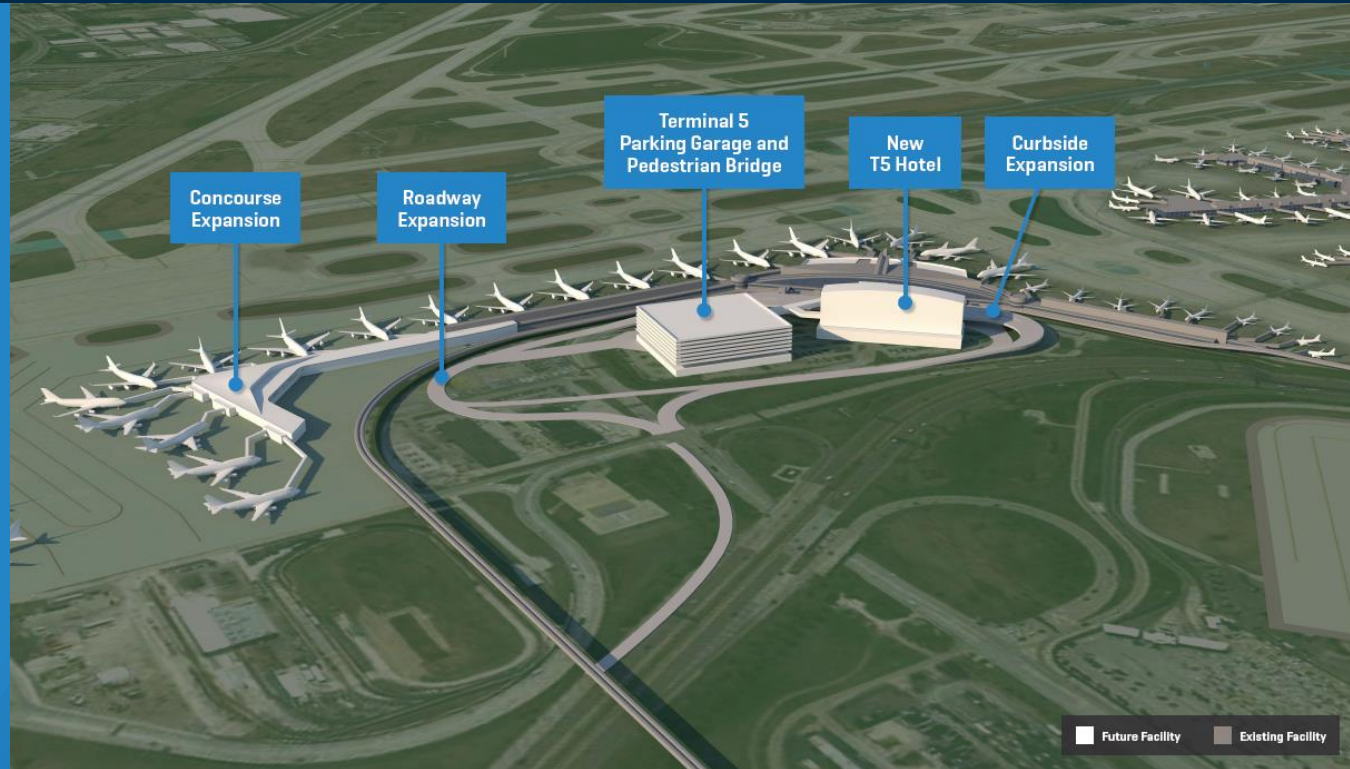
EXISTING



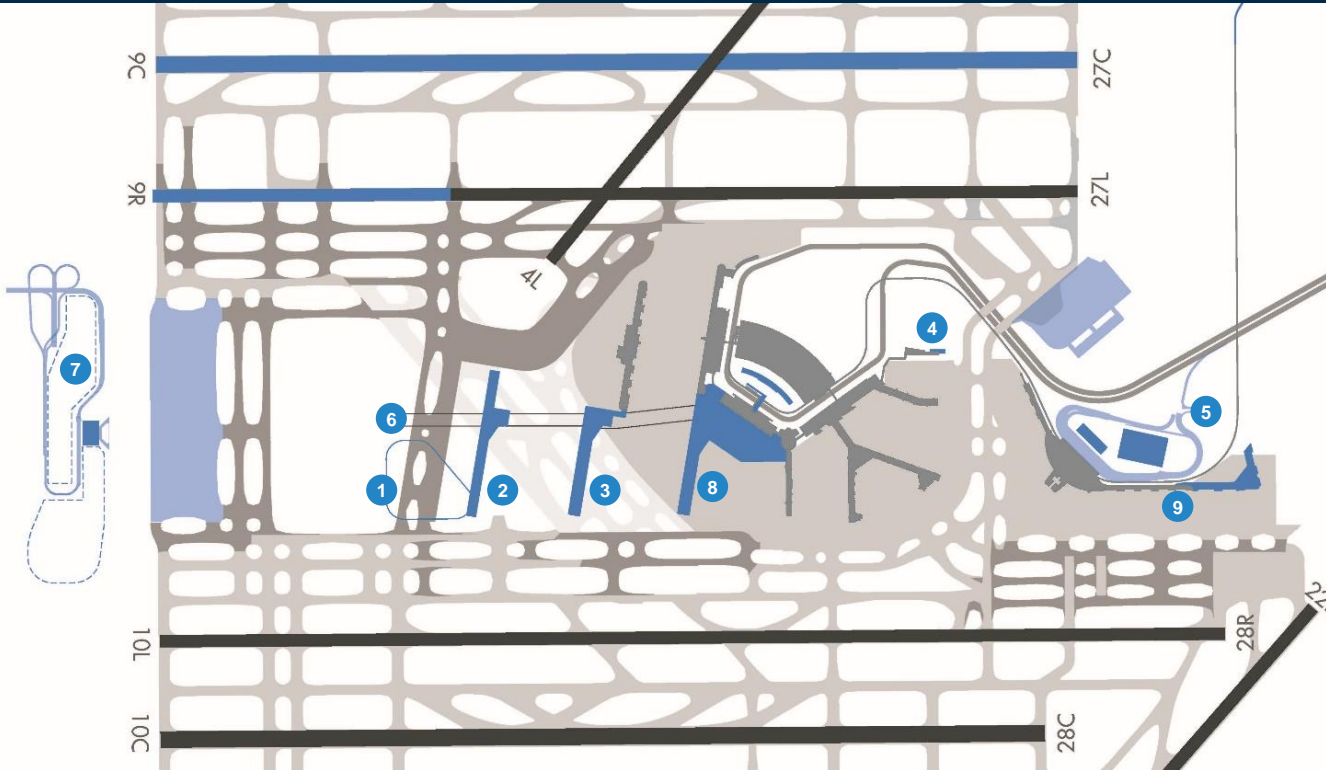
PROPOSED



# TERMINAL 5 INVESTMENTS – NEARLY ONE BILLION DOLLARS OVER THE NEXT FIVE YEARS



# TERMINAL AREA PLAN – PHASE I



### Phase I Terminal Area Plan

#### Passenger Terminals

- 1 Central Basin Elimination
- 2 Satellite 1 Concourse
- 3 Satellite 2 Concourse
- 4 Concourse L 3-Gate Expansion
- 5 Terminal 5 Curbside, Roadway, and Parking Improvements (Phase1)
- 6 Consolidated APM, Pedestrian, and Utility Tunnel
- 7 Western Parking Facility
- 8 Terminal 2 Expansion and Redevelopment
- 9 Terminal 5 Repurposing



# SUSTAINABLE AIRPORT MANUAL (SAM)

- 1<sup>st</sup> airport sustainability guidelines
- 1<sup>st</sup> rating system for an airport – 239 ratings issued to date
- Serves as “LEED for Airports”
- Endorsed by USGBC, FAA, EPA
- Created with input from 200+ stakeholders
- Contractually required
- SAM will continue to be incorporated into airport development projects and operations/maintenance activities





# Key O'Hare Procurements

# CITY UNVEILS 5 POTENTIAL DESIGN CONCEPTS

- Shortlist of 5 firms in November
- Public comments on designs – January 17<sup>th</sup> - 23<sup>rd</sup>, 2019
- As part of the RFP, the City has asked teams for commitment to at least 2 mentor protégés



Fentress-EXP-Brook-Garza



Foster Epstein Moreno JV



Studio ORD



Skidmore, Owings & Merrill



Santiago Calatrava, LLC

# TAP LEAD TUNNEL DESIGN AND ENGINEERING SERVICES

- RFQ advertised January 18, 2019
- Statement of Qualifications due March 6, 2019
- Increased in M/WBE subcontracting opportunities, 30% MBE, 8% WBE
- Inclusion of mentor-protégé



# CONSTRUCTION MANAGEMENT SERVICES



## CONSTRUCTION MANAGEMENT

Multiple Construction Manager contracts will be awarded to oversee various segments of O'Hare 21 Terminal Area Plan, the Capital Improvement Program (CIP) and the TAP enabling projects including target market contracts.

Projects will include airside projects, landside projects, terminal projects, site preparation and security packages.

- 2 categories, up to 5 in each category
- Target Market and Non-Target Market (M/WBE)

ANTICIPATED ADVERTISEMENT DATE: **2<sup>ND</sup> QUARTER 2019**

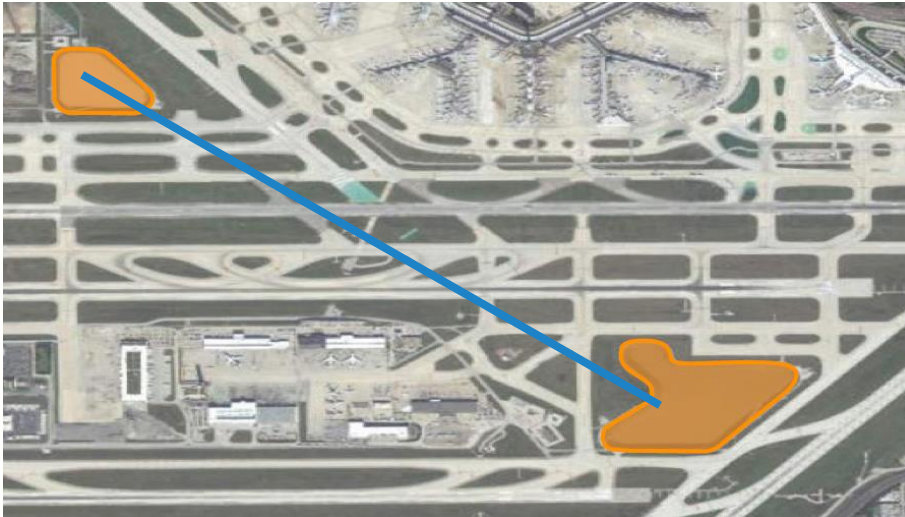
ANTICIPATED AWARD DATE: **3<sup>RD</sup> QUARTER 2019**

ANTICIPATED DURATION: **5 YEARS**



# O'Hare CIP

# SOUTH AIRFIELD DETENTION CONSOLIDATION



## DESIGN / BUILD

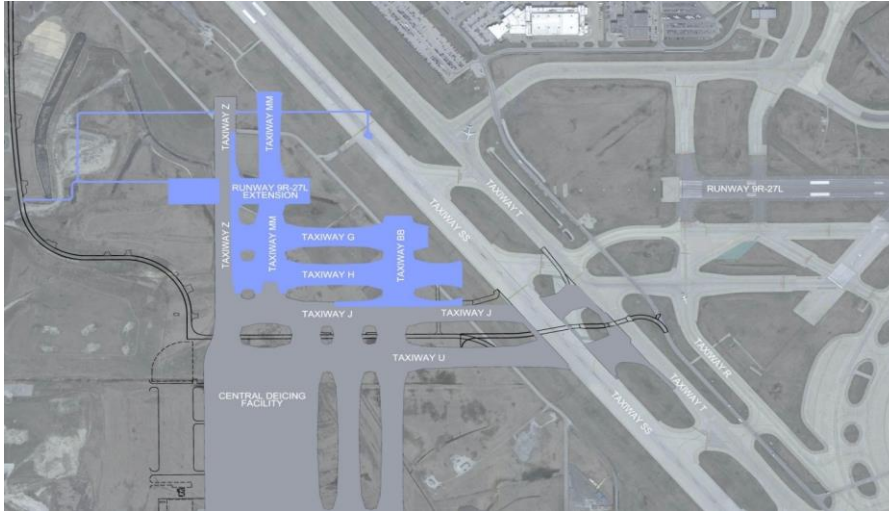
Modifications to the Central and South Basins to accommodate the future terminal developments. Work includes earthwork, large diameter deep tunnel construction, modifications to mechanical equipment, including an existing pump station. Project will be delivered as design-build. M/WBE

DESIGN/BUILD (RFQ) ADVERTISEMENT DATE: **JANUARY 22, 2019**

QUALIFICATIONS DUE **MARCH 8, 2019**

ESTIMATED CONTRACT VALUE: **\$140 - \$180 MILLION**

# RUNWAY 9R-27L EXTENSION – WEST PACKAGE



ANTICIPATED CONSTRUCTION  
ADVERTISEMENT:

1<sup>ST</sup> QUARTER 2019

ESTIMATED CONSTRUCTION VALUE:

\$40 - \$60 MILLION

## CONSTRUCTION

Phased construction of airfield pavements, PCC and AC, airfield lighting and signage, site preparation, grading and drainage, site restoration, utilities and other appurtenances and incidental work. Project site is located in the Air Operations Area (AOA) - Airside. M/WBE 26%/6%.



# PEDESTRIAN TUNNEL REPAIRS



ANTICIPATED CONSTRUCTION ADVERTISEMENT: 1<sup>ST</sup> QUARTER 2019

ANTICIPATED CONSTRUCTION VALUE: \$25 - \$30 MILLION

## CONSTRUCTION

Remediation of water infiltration throughout the pedestrian tunnels below the concourses and roadways. Scope also includes interior remodeling and updating of pedestrian tunnels. New finishes will allow for a back-up drainage system as a second line of defense to any possible water migration through the tunnel structure. New energy efficient lighting and mechanical distribution is included. Project area extends into the area of the tunnels under the Hilton for finishes continuity. M/WBE

# LEAK REPAIRS TO B&C TUNNEL



## CONSTRUCTION

Investigation of the sources of leaking in the pedestrian tunnel that connects Terminal 1 Concourses B & C and the development of solutions that will remediate this problem.  
M/WBE

ANTICIPATED CONSTRUCTION  
ADVERTISEMENT:

1<sup>ST</sup> QUARTER 2019

ESTIMATED CONSTRUCTION VALUE:

\$20 - \$25 MILLION

# REPLACEMENT OF ROTUNDA AIR HANDLING UNITS



ANTICIPATED CONSTRUCTION ADVERTISEMENT: 2<sup>ND</sup> QUARTER 2019

ESTIMATED CONSTRUCTION VALUE: \$12 - \$14 MILLION

## CONSTRUCTION

Replacement of 11 Rotunda Air Handling Units. Recondition of the existing ductwork. The new, efficient, code complying units will serve the environments that require different temperature controls, air movement, cooling capacities, heating capacities, with separate multi-zone controls to reconnect to existing ducting. M/WBE

# ELEVATED PARKING STRUCTURE REPAIRS



## CONSTRUCTION

Repairs to the main Elevated Parking Structure (EPS) including floor slab and wall panel repairs, miscellaneous exterior repairs, expansion joints, spiral ramps, spandrels, drainage improvements, and waterproofing of the structure. M/WBE

ANTICIPATED CONSTRUCTION  
ADVERTISEMENT:

2<sup>ND</sup> QUARTER 2019

ESTIMATED CONSTRUCTION VALUE:

\$20 - \$25 MILLION

# RUNWAY 4R-22L REHABILITATION



## CONSTRUCTION

This project consists of the design and construction of the rehabilitation of Runway 4R-22L and adjacent taxiways. The construction scope will include pavement removal and replacement of the existing runway surface as well as the necessary striping, grooving and LED lighting installation. MBI-1

ANTICIPATED CONSTRUCTION  
ADVERTISEMENT:

4<sup>TH</sup> QUARTER 2019

ESTIMATED CONSTRUCTION VALUE:

\$15 - \$20 MILLION



# Midway Modernization Program

# MIDWAY MODERNIZATION PROGRAM – THE FUTURE OF MIDWAY AIRPORT

- In August 2015, Mayor Emanuel announced the Midway Modernization Program to deliver first major terminal improvements in two decades:
  - Passenger Security Checkpoint Expansion
  - Terminal Parking Garage Expansion
  - Concessions Redevelopment Program
- Current investment level is nearly \$400 million
- Creates more than 1,700 construction and concession jobs





# Midway CIP



# TERMINAL RAMP IMPROVEMENTS



## CONSTRUCTION

Removal and replacement of the existing Concourse C 17" Portland Cement Concrete apron. Removal and replacement of the 6" Concrete Treated Permeable Base Course as well as adjustments and repairs to existing drainage, grounding tie-downs and the new pavement markings. Also included is the selective removal and replacement of concrete panels outside of the C Concourse area. DBE/MBE/SBE/WBE Goals TBD

ANTICIPATED CONSTRUCTION ADVERTISEMENT: 1<sup>ST</sup> QUARTER 2019

ESTIMATED CONTRACT VALUE: \$11 - \$12 MILLION

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Welcome to the Chicago Department of Aviation  
Connecting You Everywhere

O'HARE  
INTERNATIONAL  
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MIDWAY  
INTERNATIONAL  
AIRPORT



Rahm Emanuel, Mayor

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AWARENESS &  
ASSISTANCE



AIRPORTS  
GOING GREEN



SIGN UP FOR  
WEB ALERTS



JAMIE L. RHEE, COMMISSIONER

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