Propelling Your Business Through Aviation Opportunities

CDA Design & Construction

May 15, 2019

ALEX LEON
DEPUTY COMMISSIONER
• CDA CONTRACTING
• COMMITMENT TO CAPACITY BUILDING
• O’HARE 21 COMPONENTS
• KEY O’HARE 21 PROCUREMENTS
• O’HARE CIP
• MIDWAY CIP
• CDA TERM CONTRACTS
CDA CONTRACTING
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 communities in airport projects. 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
O’Hare 21 will support near-term jobs to evolve into long-term aviation careers

UPCOMING COMMUNITY EVENTS

CDA CAREER FAIRS

AUGUST 28: Regional Job Fair, Kennedy-King College

OCTOBER 22: Regional Job Fair, UIC Forum

CDA OUTREACH IN 2018

• 51 events
• 7 CDA career fairs
• 1,300+ residents attended
• 140 hired
• Partnerships with CPS, CCC, community groups to involve youth and residents
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.
More than $2 billion in O’Hare 21 contracts will go to M/W/DBE firms

29 contracts already earmarked via small and minority business initiatives
O’HARE 21 COMPONENTS
MAJOR COMPONENTS OF O'HARE 21

- Western Development
- New Satellite Concourses
- O'Hare Global Terminal and Concourse
- Multimodal Facility
- Terminal 5 Gate, Parking, and Landside Expansion
O’HARE GLOBAL TERMINAL AND CONCOURSE

Designed to serve both domestic and international arrivals and departures, allowing for an ease of passenger transfer.

Provide more space for concessions, departure lounges and public amenities.

New self-service technologies.

Upgraded security screening to reduce wait times.

EXISTING PROPOSED
The gates on both concourses will be configured to accommodate a mix of aircraft sizes including regional jets, narrowbody, and widebody aircraft.

Together, both satellites will provide over 37 aircraft parking positions.

All gates on the Satellite 1 concourse will be capable of accommodating international arriving flights requiring clearance by U.S. Customs and Border Protection.
TERMINAL 5 – ADDING 350,000 SQUARE FEET BY 2021

10 additional gates

Reconfigured international arrivals facility and security checkpoint

New airline lounges (consolidated SkyTeam lounge) and expanded commercial offerings

KEY OPENING DATES:

Early 2021
New Concourse

Mid-2021
Terminal Expansion & Parking Garage

Late 2021
Delta Air Lines relocates to Terminal 5

After 2023
Curbside roadway expansion and new hotel
MAJOR O’HARE 21 MILESTONES

- Opening of Concourse L 5-Gate Extension Stinger
- Completion of Runway 9C-27C
- T5 Expansion (10 new gates)
- T5 Parking Garage
- Western Employee Parking and Screening
- Completion of Satellite 2
- T5 Landside and Parking Improvements
- Completion of Satellite 1
- Completion of Phase I Terminal Area Plan and O’Hare Global Terminal

2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029
O’HARE 21 PROJECT DELIVERY WILL OCCUR IN PHASES OVER THE NEXT DECADE

**Concourse L Expansion**
**Terminal 5 Expansion**
**Satellite 2**
**Satellite 1**
**O’Hare Global Terminal**

Demand Driven – Future Satellite Concourses 3 & 4 with Public Western Access
SUSTAINABLE AIRPORT MANUAL (SAM)

- 1st airport sustainability guidelines
- 1st 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

Winning design team announced: **Studio ORD**

As part of the RFP, the City requested commitment to mentor at least 2 protégés, Studio ORD committed to 7

Satellite concourses design team to be selected in coming months
CONSTRUCTION MANAGEMENT SERVICES

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: 2ND QUARTER 2019
ANTICIPATED AWARD DATE: 3RD QUARTER 2019
ANTICIPATED DURATION: 5 YEARS
O’HARE CIP
RING & UTILITY TUNNEL CONCRETE REPAIRS PRIORITIES 3-9

Phased approach to address the areas in need of structural concrete repair in two utility tunnel locations. Scope varies from spall repair, cathodic protection of reinforcement to entire beam replacement. This project will address the 2nd Phase in the program.

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PEDESTRIAN TUNNEL REPAIRS

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

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<td>$25 - $30 MILLION</td>
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LEAK REPAIRS TO B&C TUNNEL

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: 3rd QUARTER 2019

ESTIMATED CONSTRUCTION VALUE: $20 - $25 MILLION
Relocation of the terminal area fire main loop including approximately 7000 lf of 12” fire main, 1500 lf of 8” hydrant fire main and 32 fire hydrants. New alignment will minimize impacts to traffic by locating portions of the loop within the commercial vehicle lanes. Medians and center lanes will be reconstructed within the terminal area to meet ADA and will include new sidewalks and utility replacements. Approximately 2,500 lf of ComEd ductbank will be included to replace an existing ductbank that is at risk of failure.

ANTICIPATED ADVERTISEMENT: 1st QUARTER 2020
ANTICIPATED CONSTRUCTION VALUE: $25 - $30 MILLION
REPLACEMENT OF ROTUNDA AIR HANDLING UNITS

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

ANTICIPATED CONSTRUCTION ADVERTISEMENT: 1st QUARTER 2020

ESTIMATED CONSTRUCTION VALUE: $12 - $14 MILLION
Repairs to the main Elevated Parking Structure (EPS) including floor slab and wall panel repairs, miscellaneous exterior repairs, expansion joins, spiral ramps, spandrels, drainage improvements, and waterproofing of the structure. M/WBE

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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

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<td>$15 - $20 MILLION</td>
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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
TERM CONTRACTS
5-year Term contract to remove and replace failed concrete pavement inside the terminal gate area at O’Hare. Includes crushing excavated concrete.

Work areas for each year are determined and scheduled in consultation with CDA, Airlines and in response to FAA Airfield Certification Inspection.

Most work is done during nighttime hours when airlines operate gate area at low traffic volumes.

M/WBE
AIRPORT MAINTENANCE AND REPAIR TERM CONTRACT

CONSTRUCTION

- Rental of equipment for repair work for FAA certification reimbursement.
- Rental of equipment for water main repairs.
- Rental of equipment for staging areas, construction, and maintenance.
- Rental of equipment for regrading of soils and drainage ditches.
- Rental of equipment for on-call services or other projects as required.

M/WBE

ANTICIPATED ADVERTISEMENT DATE: 2nd QUARTER 2019
ESTIMATED CONTRACT VALUE: $4 - $5 MILLION / YEAR
RUBBER REMOVAL TERM CONTRACT

5-year Term contract to periodically remove rubber and other contaminants from Runways and other pavement surfaces at O’Hare and Midway.

Contractor on call to perform duties as directed by CDA Operations in response to surface friction reports. Runways usually done every 3-months.

Most work is done during nighttime hours when aircraft traffic volumes are low.

M/WBE
ASPHALT PATCHING & OVERLAY TERM CONTRACT

5-year Term contract to perform cold patch and hot mix asphalt pavement overlay and repairs, pavement grooving and grinding, pavement coring, and related work at O’Hare and Midway.

Work for each year is determined and scheduled in consultation with CDA in response to FAA Airfield Certification Inspection. Most work is done during nighttime hours when aircraft traffic volumes are low.

M/WBE

ANTICIPATED ADVERTISEMENT DATE: 2nd QUARTER 2019

ESTIMATED CONTRACT VALUE: TBD
THE FUTURE OF OUR AIRPORTS INCLUDES YOU!

SIGN UP FOR WEB ALERTS OR THE CDA QUARTERLY NEWSLETTER AT FLYCHICAGO.COM

@fly2ohare @fly2midway
/fly2ohare /fly2midway
/flyohare /flymidway

Provide feedback on O’Hare Global Terminal amenities at ORD21.com!