# Los Angeles World Airports Capital Improvement Program

**BUILDING A BETTER LAX** 

DESIGN-BUILD INSTITUTE OF AMERICA Western Pacific Region Thursday, September 5th, 2024 5:00pm – 8:00pm





### **MULTI-BILLION CAPITAL IMPROVEMENT PROGRAM**

#### LAWA has the industry's largest and most complex Capital Improvement Program

#### **Major Completed or In-Service Projects**

- West Gates at TBIT
- LAX Economy Parking
- Consolidated Rental Car Facility\*
- Airport Police Facility
- Modernization of Terminals 1, 2/3\*, 6\*, 7 and 8
- Smart Parking
- Terminal Vertical Cores\*
- Terminal 1.5 Program
- Taxiway D Extension (to Taxiway A)\*

#### **Major Projects Currently in Construction**

- Automated People Mover
- Modernization of Terminals 4 and 5
- Power Receiving Station
- North Airfield Exit Taxiways
- South Extension to West Gates at Tom Bradley International Terminal

#### **Planning or Design**

- Reconfigured Roadway Entrances to LAX Central Terminal Area
- VNY Taxiways Program
- Auxiliary Curbs Program
- Wayfinding Enhancement
- Asset Renewal Program



<sup>\*</sup>denotes projects that have achieved substantial completion in the past 12 months.









### **Automated People Mover**

- Length: 2.25-mile elevated guideway
- Six Stations: Three outside the Central Terminal Area and three inside
- · Ride Duration: 10 minutes end to end
- Frequency of Trains: Every 2 minutes during peak hours
- Operates 24/7; 365 days
- Anticipated Operation Start: Early 2026







### **CONRAC Photos**



ConRAC from Concourse Way



ConRAC Customer Service Area



Aerial view of ConRAC



ConRAC on Concourse Way (viewed from under APM guideway)

### Midfield Satellite Concourse (MSC) South



- The MSC South is a domestic concourse designed to serve around 100 to 220 passengers per gate
- Employ New Construction Technology that will result in construction time savings
- Off-Site Construction and Relocate (OCR) and AOA Site
- Completion: End of 2025









- Approximately 150,000sf total
- · 2 stories (No basement)
- 9 Building segments at OCR
- The key architectural feature the "brisesoleil" façade

#### Pre-move

- Apron Work
- Building Segments Structure, MEP/F and finishes

#### Post Move

- Apron Floor fit-out
- Passenger Boarding Bridges (PBB)
- Finishes
- Commissioning

LOS ANGELES WORLD AIRPORTS

LAWA LAX VNY



### Offsite Construction & Relocation (OCR) Method



- Steel structure modular building design
- Constructed in nine segments
- 9 segments currently constructed at an off-site construction yard at the northwestern area of the campus.
- Segments are to be transported to the project's final site location south of West Gates at TBIT in the middle of the airfield.
- Scheduled Move:
  - Start: October 2024
  - Complete: November 2024





### **ATMP Roadway Improvements**

- Reconfiguration of vehicle access to CTA to reduce congestion and impact on surrounding streets
- Improves access to Economy Parking structure and APM stations
- Currently in design
- Anticipated Completion: Majority of Project Scope Before the 2028 Olympics



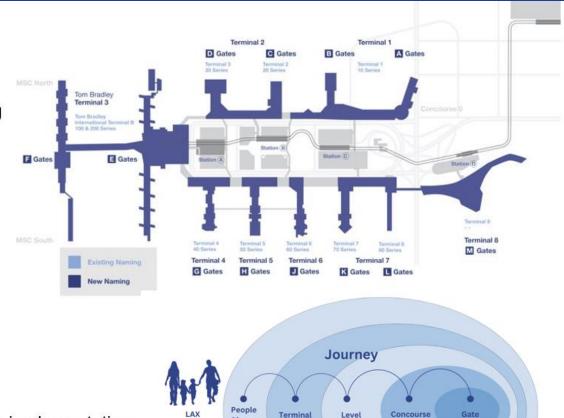


### Wayfinding

#### Overview

- Comprehensive new signage & wayfinding improvements throughout LAX, thereby creating an intuitive guest experience navigating to & through the LAX Campus.
- · Includes all facets of the journey:
  - Virtual gateways
  - APM and associated facilities
  - Roadways
  - Parking
  - Curbside
  - Terminals
  - Concessions
  - Gates
- Includes the development of an airport-wide implementation and prioritization plan for all signage upgrades

Phased Completion: Mid-2027 (before the 2028 Olympics)





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## **THANK YOU!**



