# Scoping Meeting Objectives

- Provide information about the LAX Landside Access Modernization Program
- Provide information on the California Environmental Quality Act (CEQA) Process
- Present findings of the Initial Study, which identifies topics to be further analyzed in the Environmental Impact Report (EIR)
- Collect community input on issues they would like to see analyzed in the EIR







## Project Location











# Los Angeles International Airport (LAX) × X



LAX – 1960's

- LAX is the largest commercial service airport in southern California
- LAX is the world's busiest origin and destination airport

### LAX Landside Access Modernization Program

LAX – Today



## Over 6,000 vehicles an hour enter LAX during peak periods

### 2nd busiest airport in the United States with approximately 70.7 million passengers in 2014

#### LAX – Today









## LAX Master Plan (2004)













## December 2012 LAWA announces vision for LAX Landside Access Modernization Program













## Project Goals



- Improve the LAX passenger experience
- Relieve congestion in Central Terminal Area and surrounding streets

### LAX Landside Access Modernization Program

 Continue transformation of LAX into modern, world-class airport

 Improve LAX access options, including public transit











# Project Components















# Major Project Components

### - Automated People Mover (APM) System

- A total of 6 APM stations over 2.25 miles connecting CTA with new CONRAC, ITF, parking and Metro facilities
- Elevated dual-lane guideway
- Passenger walkways connecting to terminals, CTA garages, and ground transportation facilities
- Designed to have short wait times (2-3 minutes) and move up to 6,000 passengers per hour, 24 hours a day

### - Consolidated Rental Car Facility (CONRAC)

- Variety of rental car options in centralized location
- Direct access to major freeways
- Customer service building, parking areas, fueling, and car wash areas

#### Roadway Improvements

 Provide direct access to major freeways and enhance roadway network to minimize impacts to neighborhood streets

### LAX Landside Access Modernization Program

### Intermodal Transportation Facilities (ITF)

#### West ITF

#### East ITF

- Public parking



 Provide convenient options to avoid the traffic bottlenecks within the CTA and on Sepulveda Boulevard Comfortable waiting areas with concession opportunities

• Direct connection to terminals via APM • Drop off and pick up passengers Connections for airport shuttles Public and employee parking Concessions and flight check-in

• Drop off and pick up passengers Connection with Metro 96th Street/Aviation Boulevard transit station

Connections to commercial transit

Concessions and flight check-in







Los Angeles World Airports

## Project Rendering



### LAX Landside Access Modernization Program

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## Automated People Mover within the Central Terminal Area













## APM within the CTA







# APM Examples



Phoenix Sky Harbor International Airport



Source: www.bombardier.com

#### Dallas/Fort Worth International Airport

### LAX Landside Access Modernization Program



#### Miami International Airport









# APM Examples

Common characteristics for APMs around the country are:

- Designed for airport passengers
- Automated and elevated guideway
- 24-hour service
- Very short wait times at station (3 minutes or less)
- Free for airport users
- Electric-powered cars that will improve air quality and reduce traffic congestion

### LAX Landside Access Modernization Program



Source: Kim Steven



Source: www.dfwairport.com













## APM System







### LAX Landside Access Modernization Program

- - Escalators and elevators
  - Concession areas
  - Passenger waiting areas

### Convenient and reliable, time-certain access to the CTA

• Elevated guideway to eliminate interference with surface roads

• 2-3 minute wait times, total trip time less than 14 minutes

 Moving walkways to assist passenger movements

• System designed to include:

- Airline check-in kiosks
- Signage
- Passenger walkways







## Automated People Mover, Intermodal Transportation Facilities and Consolidated Rental Car Facility













# East Intermodal Transportation Facility



### **PLANNED FEATURES**

- Private vehicle parking
- Connections to shuttles and public transit, including future Metro station at 96th Street and Aviation Boulevard

## LAX Landside Access Modernization Program

 Passenger pick-up/drop-off area Amenities such as waiting areas, concessions, and ticketing/ information kiosks









# East Intermodal Transportation Facility











## West Intermodal Transportation Facility



#### Provide convenient options to avoid the traffic bottlenecks within the CTA and on Sepulveda Boulevard

• Private vehicle parking

# LAX Landside Access Modernization Program

### Connections for airport shuttles Passenger pick-up/drop-off area Amenities such as waiting areas, concessions, and ticketing/information









# West Intermodal Transportation Facility













- Designed to consolidate car rental agencies in a centralized location with access to the CTA via the APM
- Provide direct connections to Interstate 405 and improved access to Interstate 105
- Eliminates all rental car shuttles from the CTA (17% of traffic)
- Includes customer service counters, restrooms, retail areas, rental car queuing spaces, fueling, washing, and vehicle storage

## LAX Landside Access Modernization Program

# Consolidated Rental Car Facility (CONRAC)









# CONRAC Examples

## **Orlando International Airport**





















# CONRAC Examples

### Miami International Airport





















# CONRAC Examples

### Phoenix Sky Harbor International Airport

















# ITE Examples

### Miami International Airport

















# ITE Examples

### Phoenix Sky Harbor International Airport





CONNECTINGLAX











## Potential Study Intersections









## Roadway Improvements













## Airport Metro Connector













## Development Process



Initial Study and Public Scoping Meetings



Public Meetings

Certification of EIR





Final EIR



Design and Construction

### LAX Landside Access Modernization Program

#### AUTOMATED PEOPLE MOVER

#### Design and Construction

### CONRAC

Design and Construction

#### INTERMODAL TRANSPORTATION FACILITIES AND ROADWAYS







# CEQA Overview

- effects of a project
- Applies to discretionary projects
- Identifies potential effects on the environment
- Identifies ways to avoid or reduce potential effects through mitigation measures or alternatives

### LAX Landside Access Modernization Program



# Purpose is to inform decision-makers, agencies, organizations, and the public of the environmental







## CEQA Process



### A separate National Environmental Policy Act (NEPA) process will be conducted by the Federal Aviation Administration (FAA).

















# Initial Study Findings

### No Further Study

- Agriculture and Forestry Resources
- Biological Resources
- Cultural (Archaeological and Paleontological) Resources
- Geology and Soils
- Mineral Resources
- Recreation

### LAX Landside Access Modernization Program

# Potentially Significant Impact (Analyzed in the EIR)

- Aesthetics
- Air Quality
- Cultural (Historic) Resources
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality

- Land Use and Planning
- Noise
- Population and Housing
- Public Services
- Transportation/Traffic
- Utilities and Service Systems
- Mandatory Findings of Significance











#### LAX Landside Access Modernization Program

## Mitigation Measures

### Air Quality, Greenhouse Gases, Human Health:

### LAX Master Plan Control Measures

- LAX-AQ-1: General Air Quality Control Measures
- LAX-AQ-2: Construction-Related Air Quality Control Measures
- LAX-AQ-3: Transportation-Related Air Quality Control Measures
- LAX-AQ-4: Operations-Related Air Quality Control Measures

### **On-Road Emissions Reduction**

- 2010 Clean Haul Truck (to the extent available)
- Minimizing worker vehicle emissions (e.g.,off-peak commute)

### On-Site Construction Equipment Emissions Reduction

- Best Available Emission Control Devices on Diesel Equipment
- Tier 3/Tier 4 Construction Equipment
- Ultra-low sulfur diesel required
- Idling restrictions on diesel equipment
- Proper maintenance of construction equipment required
- Tampering of construction equipment prohibited
- Construction equipment with minimum practical engine size utilized

### + Fugitive Dust Control

• Rule 403 compliance (e.g., watering 3 times daily)





#### LAX Landside Access Modernization Program

## Project Design Features

### Air Quality, Greenhouse Gases, Human Health:

### 2010 California Green Building Standard Code Tier 1

- Exceed California Energy Code requirements by 15 percent
- Energy efficient lighting (e.g., light emitting diodes [LEDs]), heating and cooling systems, appliances, equipment, and control systems
- Plumbing fixtures that will reduce the overall use of potable water within each building by 30 percent
- Recycled content: Use of materials with post-consumer or pre-consumer recycled content value (RCV)
- Low VOC adhesives, sealants, and caulks
- Divert at least 65 percent of non-hazardous construction and demolition debris to recycle or salvage





# Public Comments

- Comments can be handwritten on comment forms and submitted at this Scoping Meeting
- Comments can be mailed to: Christopher Koontz Chief of Airport Planning Los Angeles World Airports

1 World Way, Room 218 Los Angeles, CA 90045 Phone: (800) 919-3766

 For additional information and/or to submit comments, visit www.connectinglax.com



• Comments must be received by 5:00 pm Monday, March 9, 2015





