Los Angeles International Airport – Facilities Portfolio

Critical Infrastructure
- 40,000+ Fire Alarms & 21 Fire Panels
- 1,300+ HVAC & Cooling Units
- 390 Escalators/Elevators/Moving Walkways
- 800+ Controlled Access Doorways
- 215 Miles Electrical Distribution
- 127 Miles Water Pipe

Annual Activity Levels
- 66.5 Million Passengers
- 605,480 Aircraft Operations
- 41,000 Incident Responses
- $13.6B and 294,400 jobs to LA economy

Structures and Buildings
- 3,425 Acres of Land
- 13.7 Million Sq Ft (10.6M in CTA)
- 8.3 Miles Runway & 29 Miles Roadway
- 30,083 Parking Spaces
- 915 Miles Sub-Surface Utilities
5-Year Capital Improvement Program

$7 billion total estimated project costs

According to the pie chart:
- **Airside** accounts for 24% of the project costs.
- **Landside** accounts for 8% of the project costs.
- **IT, Safety, Utilities** account for 7% of the project costs.
- **Terminals** account for 61% of the project costs.

**Striving to be a World Class Airport**
Construction Workers On-Site:

LAX DEVELOPMENT PROGRAM

Runway 25L RSA and Repair

QANTAS Hangar

West Aircraft Maintenance Area

$3+ Billion
Total Construction Cost

Construction Timeline:


Runway 6L-24R RSA

ACD - Northeast

Runway 24L RSA

ACD - Southeast

Runway 7L-25R Safety Area Improvements and Pavement Rehabilitation

Runway 25L RSA and Repair

Runway 25L RSA and Repair

Total Construction Cost:

4,836M 1,036M 1,322M 1,549M 1,779M 1,979M 2,136M 2,263M 2,361M 4,64M 2,592M 2,713M 2,804M

Projects:

- Runway 25L RSA and Repair
- Runway 25L RSA and Repair
- Runway 25L RSA and Repair
- Runway 6R RSA
- Runway 6L-24R RSA
- Runway 24L RSA

Jobs to the Local Economy:

- Total jobs: 11,815
- Workers: 894
- Total workers: 1,123
- Total jobs: 8,986
- Workers: 986
- Total workers: 1,123
- Total jobs: 3,671
- Workers: 847
- Total workers: 1,502
- Total jobs: 3,455
- Workers: 824
- Total workers: 2,042
- Total jobs: 7,521
- Workers: 823
- Total workers: 1,979
- Total jobs: 7,569
- Workers: 5,454
- Total workers: 2,713

Under Contract
- Airside
- TBIT/MSC
- Terminals/CUP
- Tenants
- Landside/Utilities/Infrastructure
- Construction Complete

SLR and New Face of CTA
- 5th Feeder
- Elevators/Escalators
- CALM
LAX CONNECTED
An Integrated Landside Transportation System
Existing Conditions

Not Enough Curb Space

Mode Conflicts

Limited Roadways
Problem Today

All airport users must rely on an inefficient roadway system to get to or from their flight, regardless of mode choice.
Problem in the Future

If no changes are made, LAWA expects in the future an almost **20% increase in the volume of vehicles in the CTA during peak hours**.
New fully automated people mover system will unlock new ways to access LAX
LAX Transportation Program

Intermodal Transportation Facility

Automated People Mover System

96th St. Metro Station Connection to LAX

CONRAC
Future LAWA Consolidated Rent-A-Car Center

Consolidation of rental car facilities into a single location will remove roughly 17% of traffic congestion currently traveling into the CTA.
Consolidated Rent-A-Car Center (CONRAC)

- All rental companies conveniently located in one location
- User friendly and easily accessible
- APM connection will remove roughly 17% of traffic congestion currently traveling into the CTA
- New roadways from 405 freeway to ITF and CTA
CONRAC – Potential Concept
CONRAC – Next Steps

• Site Plan and Right-Sizing Planning efforts (underway)
• Discussions with Rental Car Companies (underway)
• Develop solutions for roadway access (underway)
• Project Phasing and Delivery Strategy
• Initiate environmental review
Automated People Mover (APM) System

Common characteristics for APMs around the country are:

• Designed for airport passengers
• Automated & Grade Separated
• 24-Hour Service
• Very short wait times at station (3 minutes or less)
• Free for airport users
• Designed to last 30+ years
APM – Preferred Alignment East of CTA
Refined Spine Concept

CTA Section

- Better utilize parking garages that must be demolished
- Reduce travel distance to north terminals
- Provides replacement parking to assist in phasing
APM – Next Steps

1. Further develop details regarding interface with terminals
2. Develop CTA roadway and curb improvements schedule
3. Refine financial analysis for options including potential lost parking revenue
4. Develop strategic parking plan to account for parking changes during and after construction
5. Initiate environmental review
6. Launch system procurement preparation
Intermodal Transportation Facility (ITF)
Intermodal Transportation Facility

Planned ITF Features

- APM Portal
- Replacement Commercial Vehicle Curb
- Alternate Private Vehicle Drop-off
- Parking
- Meet and Greet Area
- Potential Collateral Development
Potential Roadway Improvements

- Arbor Vitae St.
- 98th St.
- Sepulveda Blvd.
- Aviation Blvd.
- Century Blvd.
Airport Metro Connector Project

LAX Central Terminal Area

Intermodal Transportation Facility

Aviation/Century Metro Station

Aviation/96th St. Metro Station
96th St. Metro Station Connection to LAX APM

Conceptual Rendering
Possible Economic Development Opportunities
LAX Transportation Program

Total Construction Cost of LAX Transportation Program:

+ $2.5 Billion
+ $500 Million
+ $500 Million
= $3.5 Billion Total

$3B + $3.5B = $6.5B

Total Construction Cost of LAX Developments (approx.)
LAX Transportation Program

For More Information

Website:
http://www.connectinglax.com

Email:
transportationplanning@lawa.org
Doing Business with LAWA

Los Angeles World Airports  www.lawa.org

Capital Programming, Planning and Engineering  www.ourlax.org

Airports Development Group  http://www.lawa.org/laxdev/


www.LAXishappening.com