

RE:LAX

The LAX Capital Improvement Program Newsletter

SUMMER 2010

\$737-million Tom Bradley International Terminal Renovation Completed

JAY BERKOWITZ



From left, U.S. Customs & Border Protection Acting Director of Field Operations Christopher Perry, TSA Acting Federal Security Director-LAX Vera Adams, Board of Airport Commissioners Vice President Valeria Velasco, L.A. City Councilman Bill Rosendahl, L.A. Mayor Antonio Villaraigosa, Airport Commissioners Michael Lawson and Fernando Torres-Gil, LAWA Executive Director Gina Marie Lindsey, Green Building Council-L.A. Executive Director Lance Williams, L.A. City Councilman Tom LaBonge, Airport Commission President Alan Rothenberg, Clark/McCarthy Joint Venture Officer in Charge Lou Palandrani, Airport Commissioners Walter Zifkin and Joe Aredas at the ribbon cutting to commemorate completion of the Tom Bradley International Terminal Renovation Project.

Los Angeles Mayor Antonio Villaraigosa, local elected officials and airport executives held a ribbon-cutting ceremony May 26 to commemorate completion of the Tom Bradley International Terminal (TBIT) Modernization Program. The \$737-million project makes traveling through the terminal safer, faster and more convenient to passengers, and provides a Southern California welcome to arriving international visitors. The significant changes are expected to help LAX retain its competitiveness as the premier West Coast international gateway, especially to the fast-growing Asia-Pacific Region. The 38-month project was completed on time and under its \$755-million budget. The three year project, which began construction in February 2007,

included major interior renovations to airline check-in and passenger arrival (meet-and-greet) lobbies; customs and immigration arrivals hall with larger, high-capacity baggage carousels; arrivals corridors; restrooms; in-line baggage screening system; public art displays; and boarding gates, including two aircraft gates to accommodate new-generation aircraft such as the Airbus A380 super jumbo jet and the Boeing 787 Dreamliner.

A \$22.9-million (included in project total) TBIT Enhanced Passenger Experience Project is another aspect of the terminal's revitalization that focused on the aesthetic, rather than on utilitarian aspects. Large high-definition, flat-screen

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RE:LAX
RE:IMAGINE
RE:NEW
RE:JUVENATE
RE:VITALIZE
RE:FRESH
RE:DESIGN
RE:VIVE

LAX Theme Building Ready For Its Close Up After Major Face Lift



LAWA ENGINEERING

The renovated LAX Theme Building is returned to travelers and the aviation community safer and more accessible. The newly engineered stucco cladding and unique seismic retrofit allowed the building to maintain its original, historical appearance.

Another milestone was marked at LAX with the completion of the renovation and seismic retrofit of the iconic Theme Building. Los Angeles Mayor Antonio Villaraigosa, local elected officials and airport executives were

on hand July 2 to mark completion of the renovation and reopening of the Observation Deck. LAX travelers will now be able to enjoy spectacular views from the deck (open Saturday and Sunday from 8 a.m. to 5 p.m.), as well as enjoy a meal at the Encounter Restaurant, which remained open during most of the construction. The renovations to the 49 year-old building included a new stucco cladding system, shoring up the building's foundation, and Americans with Disability Act upgrades. The primary component was the installation of a 600-ton Tuned Mass Damper (TMD) into the top core. The TMD will help counter seismic waves caused by earthquakes through harmonic resonance making the Theme Building that much safer as travelers enjoy and create new memories within this architectural icon.

Airfield Safety and Efficiency Improved With Completion of Crossfield Taxiway



HAROLD JOHNSON

QANTAS Airbus A380 inaugurates new Crossfield Taxiway. The newly designated Taxiway R will improve airfield safety and efficiency and is the first of its kind designed to withstand the weight of new-generation super jumbo jets.

A one-million-plus pound QANTAS Airbus A-380 super jumbo jet inaugurated the recently completed \$88-million, 3,437-foot-long Crossfield Taxiway (Taxiway R) on May 24. Completed on schedule and within budget, Taxiway R is the first Category 6 taxiway at LAX that can accommodate new large aircraft. The opening of Taxiway R reduces periodic congestion at or near the midfield taxiways, as well as increases safety and efficiency of aircraft ground movement to speed taxiing aircraft between the runways and boarding gates. Less waiting for taxiways reduces aircraft fuel burn and associated air and noise emissions.

The concrete used for Taxiway R incorporated sustainable elements. Other elements of the project used pervious concrete which reduces flooding, standing water and surface pollutants. For its sustainable efforts during this project, LAWA received the American Concrete Institute's Excellence in Environmental Usage of Concrete Award and the Concrete Producer's Concrete Excellence Award.

Bradley West Construction Underway; "Big Dig" Changing LAX Landscape

The grand scope of construction on the \$1.545-billion Bradley West Project has taken shape as the area immediately to the west of the Tom Bradley International Terminal, including the service road, has been completely altered and excavated. Heavy cranes and an army of construction workers can be seen on a daily basis installing steel girders, moving earth and laying down foundations. Interim Bus Gates are nearing completion on the north concourse while a temporary loading dock for TBIT concessionaires is under construction in the adjacent area just north of the existing TBIT building. This is the only area where curbside visitors can see the Bradley West construction. One of the most interesting aspects of the construction not visible to the general public is the utility relocation trench, which re-routes existing water, electrical and information technology lines. The trench turns into a massive tunnel that runs from west to east underneath TBIT. This part of the project necessitates a carefully orchestrated phasing, as power and water lines are cut and reconnected without affecting ongoing terminal and aircraft operations. As the future of LAX takes shape, project managers continue to strive to minimize impacts to terminal and airline operations and ensure the comfort and convenience of the traveling public.



JAY BERKOWITZ

Looking west from TBIT's Gate 119, a heavy crane gingerly lifts and sets a steel girder within Bradley West's "Big Dig." The \$1.545-billion project will create a new world-class terminal containing 15 new boarding gates and a Great Hall for dining and shopping.

Your Opinion Counts!

Los Angeles International Airport has embarked upon an historic and exciting period of construction and modernization. The *Re:LAX Capital Improvement Program Newsletter* is committed to bringing you the latest news and we want to know how to better serve your informational needs. Please take a few minutes to tell us your views on this newsletter. Your answers will be greatly appreciated and will go a long way toward improving the newsletter. Simply click on the link below or type the address into your web browser.

<http://www.surveymonkey.com/s/C7GM5PX>

Tom Bradley International Terminal Renovation Completed

ALBERT RODRIGUEZ



The renovated arrivals lobby welcomes travelers and visitors with a color-changing light wall.

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monitors and entertainment display audio zones in baggage claim provide passengers with a warm “Welcome to Los Angeles!”

The U.S. Green Building Council awarded the renovation its prestigious Silver LEED-EB (Leadership in Energy and Environmental Design-Existing Building) Certification for its efficiency and minimal environmental impacts during construction. The renovation also garnered the *Project Controls-Project of the Year Award* from the Association for the Advancement of Cost Engineering International and the *2010 Meeting the Challenge of the Difficult Job Constructor Award* from Associated General Contractors.

Aircraft Rescue Firefighting Station No. 80 on Track for Fall Completion

Construction on the new \$13.5-million replacement Aircraft Rescue and Firefighting (ARFF) Station 80 on the LAX airfield is nearing completion. The new station will double the size of the existing facility with 27,500 square feet and seven bays to house and maintain vehicles and emergency response equipment. The facility will also house a total of 14 firefighters for each 24-hour shift. The project received \$10.8 million in federal stimulus funding from the American Recovery and Reinvestment Act through a grant from the Federal Aviation Administration.



ALBERT RODRIGUEZ

Senator Barbara Boxer and Congresswoman Jane Harman toured the ARFF construction site June 5 to view the facility’s progress and stress the vital role it will play in providing critical emergency services to the traveling public.

LAFD, elected and airport officials tour Aircraft Rescue and Firefighting facility vehicle bays from left: LAFD Battalion Chief Al Abarca Jr., Congresswoman Jane Harman, Senator Barbara Boxer, Deputy Executive Director Airports Development Group Roger Johnson and LAFD Captain Randall Keyes.



PLEASE SEND
COMMENTS,
INQUIRIES AND
SUGGESTIONS
TO:

arodriguez@lawa.org or

Los Angeles
International Airport
Public Relations Division
Attn: Albert Rodriguez
One World Way Room 109
Los Angeles, CA 90045