

RE:LAX

The LAX Capital Improvement Program Newsletter

SUMMER 2009

LAX International Terminal Renovation Reaches New Milestones for Improved Service

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ALBERT RODRIGUEZ



Newly revamped communications program includes colorful signage to inform passengers about ongoing construction projects.

Welcome to the new look of the Capital Improvements Newsletter. As the major renovation at the Tom Bradley International Terminal (TBIT) nears completion, passengers are expressing excitement for the new modern look. So, it is only fitting that our communications program also is upgraded.

Bolder Signage Introduced

Our communications program continues to seek ways to minimize construction inconvenience as much as possible and to communicate the end benefits of on-going construction with a cohesive graphics theme that speaks to all travelers. The updated communications program includes bold, colorful wall-size signage on construction barriers that reflects Los

Angeles' trendsetting style and attitude. The Re:novation at LAX is in good hands, so Re:LAX...It's All Good!

New developments at TBIT to look for in the near future:

- Mexicana Airlines ticketing and baggage check-in will return to the Upper/Departures Level at TBIT on September 10. The three-aisle airline check-in lobby is now complete, sporting an expansive, welcoming and modern look. Soaring wood-paneled canopies over the ticketing counters are bathed in warm golden light from energy-saving fixtures. Walls of silvery metallic paneling reflect natural light. Airline check-in information is displayed on new video screens that

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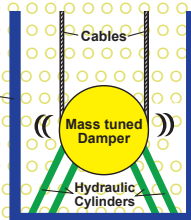
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RE:ARRANGE
RE:DEDICATE...

LAX
Los Angeles World Airports



ALBERT RODRIGUEZ

ABOVE: The LAX Theme Building renovation nears completion with new moisture-proof stucco and seismic retrofit.



ABOVE: Cutaway view of mass-tuned damper that will help the Theme Building withstand seismic activity.

Innovative Seismic Retrofit Enhances Theme Building Renovation



ABOVE: This unique air vent at the pinnacle of the Theme Building will help remove moisture from the interior of the arches.

LEFT: Cutaway view of mass-tuned damper that will help the Theme Building withstand seismic activity.

The \$9.3-million reconstruction of LAX's iconic Theme Building is nearly complete.

This effort involves reconstruction of all four arch facades to match the historic shape and texture of the original futuristic structure. Structural improvements will enhance the building's seismic resistance, while upgrades to comply with Americans With Disabilities Act (ADA) requirements will improve accessibility.

The nearly 50-year-old cultural and historic building began to show its age a couple of years ago leading to a new engineering design for the arch system. The top half of the building is now coated with newly designed moisture-, water-, and ice-proof stucco to protect against damage from the elements. Each

arch now has an integrated fan that keeps the structure moisture-free by blowing the air out a centrally located vent. This vent is located on the pinnacle of the Theme Building where all four arches come together.

The most difficult and intricate part of the restoration involves an innovative seismic retrofit of the entire structure, as well as the decorative honey-combed wall ringing the building. A device, known as a Mass Tuned Damper, will be installed within the base of the Theme Building. This structure-within-a-structure will protect the building from violent motion caused by earthquakes by counterbalancing with harmonic vibrations. Nearly 600 tons of steel will go into its construction. The Theme Building's restoration will require more steel per weight than a regular three-story structure.

New Technology Makes Runways Safer

The latest safety enhancements at LAX are now operational. A new Runway Status Lights system uses a series of red lights embedded in the pavement to warn pilots if it is unsafe to cross or enter a runway, or to takeoff. The automatic system functions in much the same way street traffic lights work for motorists. Pilots must still get clearance to proceed across a runway even after the warning lights are no longer illuminated. The \$7-million system was completed in June on time and on budget.

The Federal Aviation Administration also recently installed the most technologically advanced ground radar system, known as Airport Surface Detection Equipment - X,



BRAD GRAVERSON, DAILY BREEZE

Runway status lights will greatly reduce the possibility of runway incursions and improve safety on LAX runways.

or ASDE-X, in the air traffic control tower. ASDE-X collects data from many sources and provides air traffic controllers with color map displays showing the location of all aircraft and vehicles on runways and taxiways.

This new technology is an additional tool in the airport's ongoing safety efforts.

TBIT Reaches New Milestones

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- provide enhanced visibility.
- Checked luggage explosive detection systems that once occupied 40 percent of the check-in lobby are being relocated to an out-of-view, in-line baggage screening facility added to the north side of the terminal. This means passengers will not have to wait in lines for their checked luggage to be screened and will result in less congestion in the lobby.

Passenger Experience Enhancements Underway

The \$28-million passenger experience enhancements at the Tom Bradley Interna-



JAY BERKOWITZ

TOP: Visitors to LAX will have a more modern and better lit "meet and greet" area in which to welcome friends and loved ones.

tional Terminal (TBIT) are well underway and on schedule to be completed early next year. Regular visitors to customs baggage claim, "Meet and Greet" arrivals lobby, and concessions on the mezzanine level won't recognize these areas once they're completed, thanks to new glass paneling, curved LED (light emitting-diode) media and entertainment zones, and modern storefronts. The passenger experience is expected to have a "WOW! factor" that has been missing when passengers arrive at LAX.

Terrazzo flooring made of recycled materials and glass walls have been installed in the arrivals ramp leading up from the customs inspection area to the meet-and-greet lobby. New round lighting fixtures and an undulat-

ing silver metallic ceiling has been partially installed, and a much-in-demand flower retail kiosk has also been installed. All of these features will proudly welcome arriving travelers to L.A. with a splash of color, glitz and style.



JERRY NEEDHAM

LEFT: New exit corridor promises to provide a true L.A. welcome thanks to decorative features and display technology.

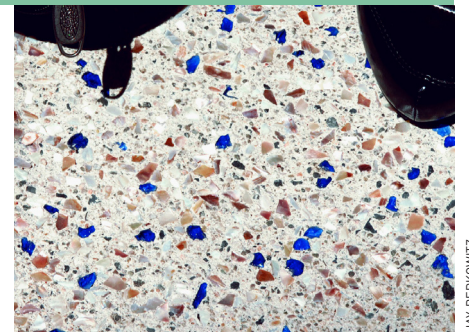
New Sidewalks at TBIT Remove Tripping Hazards

Glinting specks of recycled blue glass and mother of pearl now greet travelers at the

curbside arrivals level in front of TBIT due to sidewalk replacement construction. As part of the current \$751.5-million renovation, this project is scheduled for completion this September. Phase One of three is on the north side between Terminal 3 and TBIT. The phasing helps minimize disruptions while ensuring convenient passenger access to TBIT.

What to expect:

- The curbside inner lane closest to the sidewalk will be closed to vehicles and used by pedestrians
- Motorists can expect minor congestion in this area
- For easier pickup, passengers can wait at Terminals 3 or 4

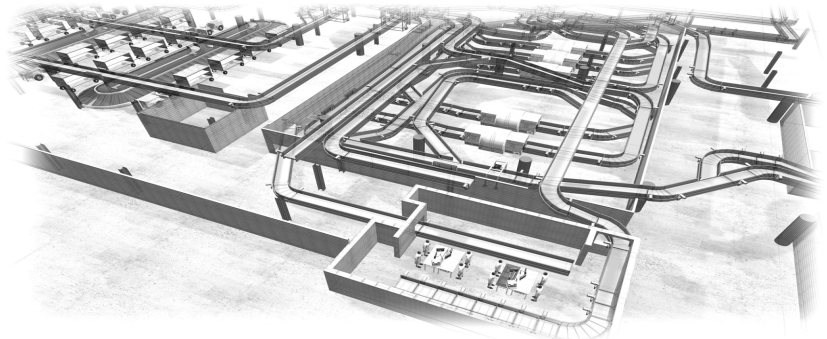


JAY BERKOWITZ

TOP: New sidewalk at TBIT is environmentally friendly with recycled elements, such as crushed glass and mother of pearl.

Speedier Check-In at Terminal Three Coming Soon

The In-line Baggage Handling system will make travel through Terminal 3 safer, faster and more convenient.



The In-Line Baggage Handling and Screening System at Terminal 3 is almost 90 percent finished, and extensive and rigorous testing of systems has already begun. The In-Line Baggage Handling and Screening System will improve and automate security screening of checked baggage and will make traveling through Terminal 3 safer, faster and more convenient. All five of the van-size explosive

detection systems have been moved to a dedicated building where luggage can be scanned or removed for further screening by Federal Transportation Security Administration personnel. Relocating the screening process to non-public areas eliminates the need for passengers to wait in line to have their checked luggage screened. This will also reduce congestion in the ticketing lobby.

Newsletter Wins Award

The LAX Capital Improvement Program Newsletter received an award for excellence from the Airports Council International-North America's Excellence in Airport Marketing and Communications Competition in the external newsletter category.

LAX Escalators and Elevators Get a Lift

Current elevators and escalators will be replaced by more modern, and energy-efficient models.



Nearly \$175 million will be invested in rehabilitating deteriorated equipment and systems to meet current standards and to improve people flow with energy-saving sustainable technology.

The first phase will focus on the most critical areas and equipment consisting of 65 elevator/escalator systems. Subsequent phases will continue until 2012 when all 285 systems are completed in eight of LAX's nine terminals. Elevators and escalators at the Tom Bradley International Terminal are part of that terminal's major renovation. The elevator modernization will begin in September in Terminals 2, 3, 5, and 6. Travelers can expect construction barricades and rerouting--a temporary inconvenience for a more modern airport!

Getting passengers safely and quickly to their boarding gates and baggage claim areas is important to smooth terminal operations. With many of LAX's escalators, elevators and walkways exceeding their 25-year operational life span, the time has come for some much needed upgrades.

PLEASE SEND COMMENTS, INQUIRIES AND SUGGESTIONS TO:

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