

RE:LAX

The LAX Capital Improvement Program Newsletter

SPRING 2011

Alaska Airlines' Branded "Airport of the Future" Design Set to Arrive at Terminal 6

FENTRESS ARCHITECTS FOR ALASKA AIRLINES



The "Airport of the Future" at Terminal 6 will include passenger-friendly self-check-in kiosks, elimination of lines for checked bag screening, and additional security screening points for faster processing.

by Nikki Edenedo

Major state-of-the-art changes in Terminal 6 are well underway. Travelers will experience a more comfortable and convenient way of traveling with the elimination of long lines and more efficient passenger processing. Alaska Airlines is leading this change and will move its operations, as well as Horizon Air, from their current locations at Terminal 3 to Terminal 6 when renovations are completed in 2012. Renovations include a Central Service Counter and "Airport of the Future" ticketing lobby with customer-friendly islands of check-in kiosks and bag-

check stations. A new in-line, checked-baggage inspection system will eliminate passengers waiting in line while federal security personnel screen their luggage. Passenger security screening checkpoints will be added to help streamline and speed up the inspection process, making it easier for travelers to proceed to their flights. The new security checkpoint lanes are expected to reduce screening wait times to 20 minutes or less.

Once past security screening, passengers will be greeted by spacious new boarding gate areas, a

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LAX Elevator and Escalator Project Leads the Way in Energy Efficiency



ALBERT RODRIGUEZ

This new escalator in Terminal 5 is one of many being installed throughout the Central Terminal Area that feature "sleep mode" to move passengers more efficiently while helping reduce energy costs when not in use.

The elevator and escalator project at LAX continues to progress, with the installation of energy-saving, sustainable technology that safely and efficiently transports passengers to their awaiting flights or to that special reunion with loved ones. LAX is one of the first airports in the U.S. and the first facility in California to use "sleep mode" on the new escalators. If the escalator is not used for a set period of time, this feature will automatically reduce escalator speed to 20 percent of normal speed. The benefits are significant savings in power usage and maintenance and repairs. In addition all elevators have improved safety features, such as 3D infrared light curtains that operate during door movements. The detectors emit green light as doors open, and flash and turn red as doors close.

The nearly \$175-million project will replace and upgrade many of the units that have

exceeded their 25-year operational life span, increasing passenger safety and convenience.

Elevators

The first phase of elevator installation has been completed with replacement of 15 units throughout Terminals 2, 3, 5, 6, 7 and 8, as well as in airport administrative buildings.

Escalators

The first phase of the escalator project is 50 percent completed with 14 of 32 escalators replaced. An additional four units are in various stages of completion. The replacement of the first two units of Phase Two's 56 escalators has started.

Subsequent phases will continue until 2015, when all 285 systems are completed in eight of LAX's nine terminals. Travelers can expect barricades and rerouting – a temporary inconvenience for a safer, more modern airport.

Bradley West Construction Fulfilling Architectural Vision

The \$1.545-billion Bradley West Project continues with extensive work on both north and south concourses. The steel framing is now beginning to resemble the architectural renderings. A tremendous amount of careful planning, phasing, design and coordination is needed due to challenges presented by various enabling projects carried out while maintaining full airport operations.

With many of the enabling projects and base-ment excavation nearly complete, work has now started on the core of the building, which will eventually become the project's architectural jewel, the Great Hall. A large tower crane will soon begin installation of the core's steel truss that will comprise the nearly 132-foot-tall roof.

Bradley West will create a world-class terminal with 1.24 million square feet of new building area - doubling the current size of the Tom Bradley International Terminal with Phase I



completion December 2012 and Phase II (the east gates) to be completed late 2013. The project includes new boarding gates, a Great Hall for premier shopping and dining, new airline lounges, and enlarged customs facility for passenger processing.



The Bradley West construction zone looking through the north concourse boarding gates. When compared to the architectural rendering (left), the moving walkway emplacement and the overhead arrivals corridor can be seen.

RENDERING: FENTRESS ARCHITECTS; PHOTO: TIME INC.

Complex Central Utility Plant Construction Begins

Replacement of the 50-year-old Central Utility Plant (CUP) has begun. The current structure will be replaced by a \$438-million, state-of-the-art facility that will be more efficient and capable of meeting the demands of a modernized LAX. The new facility and systems, to be located west of LAX's iconic Theme Building in the passenger terminal area, will provide additional capacity for air conditioning, heating and lighting of the airline terminals and other airport buildings that will enhance passenger comfort, reliability of utility service, and safety.

The new CUP will meet all current air-quality regulations and will be approximately 25

percent more energy-efficient in fuel consumption and 60 percent more efficient in the production of chilled water.

LAWA Engineering is working closely with CUP operators and other authorities to prepare and fine-tune designs. The contractor has begun investigating existing utilities (potholing) within the Central Terminal Area (CTA) to locate important utility lines. Potholing will continue for the next several months throughout the CTA. An interim maintenance building and construction trailers will be installed in the surface parking lot west of the Bob Hope Hollywood USO in May.



ALBERT RODRIGUEZ

Workers begin potholing around the CUP site to locate important utility lines.

All airport facilities will remain open to the public during this complex construction project. Traffic lane restrictions and closures will occasionally occur and motorists will be redirected on the Lower/Arrivals Level. After the new CUP goes into service, the current facility will be demolished. Construction will continue through August 2014.

Small Business Owner Finds Hope – and New Opportunities – at LAX

by Brittany Mehciz

Construction at LAX is more than just steel and cement. Thousands of jobs are being created to provide economic opportunities for businesses and individuals. Some businesses have been brought back from the brink of economic collapse, such as Anna Rosales' VER-O-Roses Maintenance.

Anna's inspirational story began in 2005 when she left a successful 20-year career as an educator to follow the American Dream of business ownership. VER-O-Roses Maintenance of Rowland Heights began doing residential work, and expanded to office buildings and complexes. In its first few years, Anna

saw great success, but the economic downturn in 2007 hit her company especially hard. In addition, she was fighting cancer for the second time in five years. With billions of dollars being spent on the modernization of LAX, Anna was well positioned to benefit and took a chance. She was hired by Walsh-Austin Joint Venture, the primary contractor for the Bradley West Project, to provide maintenance services at their headquarters. Because of the new contract, Anna was able to hire five new employees for a total of 16.

"I'm so grateful the modernization of LAX saved my business and is providing me with new opportunities for future growth," said Anna.

Anna Rosales represents one of the many small-business success stories behind the modernization of LAX.



ALBERT RODRIGUEZ

Terminal 6 Renovations (Continued from page 1)

Renovations at Terminal 6 will provide more comfort and convenience by increasing the number of flights with new boarding gates and a roomier concourse.



FENTRESS ARCHITECTS FOR ALASKA AIRLINES

new airline club lounge, modernized information displays, specialty lighting, and other avant-garde architectural elements reflecting Alaska Airlines' brand and design.

In addition, the U.S. Customs and Border Protection facility at Terminal 6 will be modernized to accommodate Alaska's arriving international passengers, who currently process through federal inspection at other terminals. Alaska's "Airport

of the Future" project will incorporate sustainable building practices in accordance with Leadership in Energy and Environmental Design (LEED) certification by the U.S. Green Building Council. Alaska's Board Room club lounge is designed to be LEED-certified, complete with contemporary framework and amenities such as comfortable armchairs, Wi-Fi Internet access, and television. Renovations at Terminal 6 are the first wave of new modernization efforts taking place at LAX's domestic terminals.

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