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FACTS ABOUT MODERNIZING LAX



TERMINAL 4 CONNECTOR

PROJECT DESCRIPTION

This \$148.5-million project consisted of the design and construction of a multi-use, multi-level facility providing a secure connection between the Tom Bradley International Terminal (TBIT) and Terminal 4. The Terminal 4 Connector makes it easier for passengers to catch connecting flights out of different terminals. The CAL Green Certified space includes a Checked Baggage Inspection System, South Matrix Interline Baggage Transfer facility, and a four-lane Passenger Security Screening Check Point. A South Terminals Passenger Bus Port is available for future use, and a public plaza provides outdoor seating on the upper level.

TRAVELER BENEFITS

The traveling experience is greatly improved for those passengers making a domestic or international connection between terminals. The Terminal 4 Connector allows passengers to move more easily between the TBIT and Terminals 4-8, and make use of lounges, concessions and other facilities after clearing the Passenger Security Screening check point. It also makes transfers easier for passengers with checked baggage.

TRAVELER IMPACTS

Both Terminal 4 and the Tom Bradley International Terminal remained open during construction. Construction occurred in phases with temporary closure of parts of each terminal throughout construction.

COST AND FUNDING

Los Angeles World Airports' \$114 million portion of the total project cost was funded through a combination of Passenger Facility Charges, Transportation Security Administration (TSA) grants, LAX funds and airport revenue bonds. No funds from Los Angeles City's General Fund were used. American Airlines is funding an additional \$34.5 million and installing the Checked Baggage Inspection System that is



The window-lined T-4 connector provides a sleek, convenient and secure passenger connection between the Tom Bradley International Terminal and the southside terminals.



The walkway between Terminal 4 and the Tom Bradley International Terminal opened in February 2016.

housed within the building for use by American and by its international code-share/alliance partners who arrive at TBIT and are connecting to American Airlines domestic flights.

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■ CONSTRUCTION DATES

Early 2014 to September 2016

■ ENVIRONMENTAL ELEMENTS

The 104,170-square-foot Terminal 4 Connector is the City of Los Angeles' first non-residential building certified to Los Angeles Green Building Code Tier 2 standards. The building beats the already tough California Title 24 energy use requirements by over 37% through the use of a number of green features, including:

- Cool roof, which reflects almost 80 percent of the sun's radiant energy so that less energy is needed to cool the building.
- Innovative ventilation system, which is used in the baggage screening area to take advantage of local climate conditions to cool baggage equipment.
- Renewable energy infrastructure, which provides for installation of photovoltaic and other emerging technologies at a later date to further reduce energy consumption.
- Highly efficient motors, which are used to reduce the baggage system's power consumption by 40%.
- Utilization of LAX's new Central Utility Plant to provide heating and cooling at a much more efficient rate than standalone systems;
- Use of Light Emitting Diode (LED) lights in all public areas, along with high-tech lighting controls that sense daylight and minimize the use of power for artificial lighting.
- Provision of infrastructure for future use of photovoltaic and other emerging technologies to further reduce energy consumption.
- Along with all the other mandated aspects of



The CAL Green-certified Terminal 4 connector seen from the airfield, features a Checked Baggage Inspection System and interline baggage transfer facility allowing the easy transfer of passenger luggage from international flights to domestic carriers.



The public plaza on the Upper/Departures Level offers outdoor seating.

CalGreen, such as the use of low-VOC paints and finishes in the interior, use of drought-resistant California-native plants and a construction waste recycling program, which resulted in 84% of construction waste being recycled.

■ CONTRACTORS

Design and Construction: Turner Construction Company