

California Department of Transportation, Caltrans District 7 Headquarters Building, Los Angeles



The Caltrans District 7 Headquarters Building located in the Civic Center of downtown Los Angeles is a 750,000 square foot, 13-story office facility that is the home for approximately 1,400 Caltrans highway engineers and operations managers and 525 Los Angeles Department of Transportation staff.

In December 2005, the facility was certified by the United States Green Building Council as LEED (Leadership in Energy and Environmental Design) New Construction Silver.

Energy Conservation

- Title 24 energy efficiency requirements exceeded by 35 percent
- Dual pane “Argon gas filled” high performance glass at all perimeter glazing
- Sun-tracking shading device incorporating photovoltaic panels on building's South elevation while providing approximately 84-95 kW of renewable energy
- Full height, 13-story atrium to provide natural daylight to the interior building core
- High tech lighting with integral occupancy sensors and daylight dimmers
- Very high efficiency heating, ventilation and air conditioning system.
- Building Automation System (BAS) controls for efficient building operation
- Scrim Panel (operable exterior shading panels)

Interior Air Quality

- During the commissioning phase of construction, each floor sustained more than 20 days of fresh air exchange (flushing) to ensure interior air quality
- No or low Volatile Organic Compounds (VOC) products
- Systems furniture with low emissions, high recycled content and energy efficient task lighting installed throughout the building

Recycling / Diversion

- Contractor Trash Recycling – separate dumpsters for cardboard, paper, ferrous metals and wood to enable recycling
- Recycled or diverted more than 90 percent of construction and demolition waste (over 18,000 tons) from local and regional landfills
- Carpet contains 50 percent pre-consumer and post-consumer recycled content
- Ceiling tiles contain 75 percent total recycled content and ceiling grid contains 25 percent recycled content

Visit the architect's Web site: <http://www.morphosis.net/morph.html>.