

TERMINAL 6, LOS ANGELES INTERNATIONAL AIRPORT | LOS ANGELES, CA



The new Alaska Airlines Terminal 6 features customer-friendly check-in kiosks



Occupied 50,000 Square Foot
Airport Terminal



Nov 2010 - Dec 2011



\$2,500,000



Hensel Phelps



Decommissioning & Demolition



Hazardous Material Abatement



Salvage & Asset Recovery



Zero OSHA Recordable Injuries

Terminal 6 at Los Angeles International Airport (LAX) is one of the airport's oldest terminals. As part of a modernization program, LVI completed hazardous material abatement including asbestos, polychlorinated biphenyls (PCBs) and mercury as well as demolition of ceiling systems and associated mechanical & electrical systems.

The abatement of the extension represented the greatest challenge on the project with the removal of the 25,000 square feet of ceiling, lights, mechanical air handlers and ducts followed by the full abatement of the fireproofing insulation since the gates below remained fully operational throughout the work.

To stay on schedule while maintaining safety of the public, LVI used scaffold systems to allow public access beneath the project work during the overhead containment and removal of asbestos-containing plaster and fireproofing. During the course of scaffold installation, Hensel Phelps segregated active work areas from public occupied areas using temporary rolling barriers. Scaffold towers were protected by use of hard wall barriers later covered with decorative graphics notifying and re-routing travelers. LVI continually monitored the work zone and adjacent public spaces to minimize dust and debris. In total, LVI removed over 800 tons of hazardous waste



EARNED LEED POINTS FOR WASTE DIVERSION



LVI built protected walkways for the traveling public since the terminal remained open during the renovation/modernization project

over a 50,000 square foot area.

LVI also executed complex decommissioning of operational security and telecommunication systems, mechanical, electrical and plumbing systems as well as the demolition of all non-structural, architectural building components utilizing both manual and mechanical demolition methods.

SUSTAINABILITY

Non-hazardous construction debris was removed and segregated off-site for reusable metals, concrete, brick, and other building components under the LEED Certification Program.

SAFETY & SECURITY

Security was a major component of this project. In addition to LVI's rigorous employment screening processes, all skilled workers were screened and certified to work within Transportation Security Agency (TSA) secured areas. They were also subject to the Homeland Security terrorist and criminal background investigations including fingerprint analysis to verify identity.

All materials and tools coming onto the airport were inspected and both hazardous and non-hazardous debris was carefully

monitored to ensure that the security of the airfield was maintained at all times.

SCHEDULING & TIMELINE

The project was carefully coordinated with phased project scheduling. As scaffolding was erected, electrical and mechanical trades installed temporary services to allow for uninterrupted occupancy below the deck. As a result of this coordination, no significant interruptions occurred to the hold room areas, sterile corridors, or operating concessions during the project. Major decommissioning requirements were handled during off-peak hours and on the weekends to allow for uninterrupted building services.

STAFFING & PROJECT MANAGEMENT

LVI's management team included one senior project manager, one superintendent, one safety manager and two foremen.

Project Managed By LVI Environmental Services Inc., a California-based subsidiary of LVI Services Inc. | **Client Contact** Dave Dunstan, Project Manager, Hensel Phelps, (310) 215-4050