



LAX IS HAPPENING™

FACTS ABOUT MODERNIZING LAX



FIFTH FEEDER PROJECT

PROJECT DESCRIPTION

As Los Angeles International Airport (LAX) continues to modernize, the airport's electrical system needed to be enhanced to meet the current load demand and operate more reliably.

The Los Angeles Department of Water and Power (LADWP) had four electrical main lines, or feeders that provided electrical service to LAX. Installation of the new fifth feeder to ensure that LAX has sufficient utility systems reliability, capacity, and redundancy to meet load demands required to support the new Tom Bradley International Terminal, Central Utility Plant, and other improvements at LAX began in 2014.

The Fifth Feeder project constructed a new two-conduit by six-conduit, 34.5 kilovolt (kV) duct bank in the vicinity of the Theme Building, where it ties in to the power duct bank constructed by the new Central Utility Plant (CUP) Project, and extends to Sepulveda Boulevard allowing LADWP to increase the airport's electrical capacity and provide redundancy should one of the existing feeders fail.

In addition to reinforcing the electrical infrastructure at LAX, the Fifth Feeder project also extended firewater lines to provide the Terminal 4 Connector with the required water capacity for final occupancy permits. It also extended new fire and domestic water lines to Terminal 1. Lastly, the project added an extension to existing communications and electrical duct bank to provide LAX with greater flexibility for future modifications.

TRAVELER BENEFITS

This project provides added reliability to the electrical infrastructure at LAX. The Fifth Feeder Project also provides increased water capacity to the airport facilities allowing new and recent

construction projects at LAX to meet fire protection requirements and improves the domestic water line infrastructure.

TRAVELER IMPACTS

Some road and sidewalk closures were required when the installation of these infrastructure elements took place. Work was planned and scheduled to minimize the project's impact on the traveling public.

CONSTRUCTION DATES

Late 2014 – September 2016

COST

\$23 million

CONTRACTOR

Steve Bubalo Construction Company



The Fifth Feeder Project will ensure electrical system reliability for LAX's facilities.