



Project Spotlights: LAX Taxiway P

LOCATION

Los Angeles, CA

OWNER

Los Angeles World Airports (LAWA)

GENERAL CONTRACTOR

Sully-Miller Contracting Co

STATUS

In Progress

CATEGORY

Controlled Low Strength Material (CLSM)



ABOUT THE PROJECT

This project involves constructing a new 3,600-foot long taxiway that would provide an unimpeded connection between the north and south airfields and access to the upcoming Midfield Satellite Concourse. Adding Taxiway P will satisfy the Federal Aviation Administration (FAA) plan to help manage aircraft flow and mitigate airfield congestion, which would also improve taxi-time delays at LAX. Part of this project includes filling in the void space underneath a tunnel to essentially convert the bridge into an embankment.

THE SOLUTION

Cell-Crete is providing the material as an alternate to CLSM (controlled low strength material) and backfilling underneath the bottom slab of the existing bridge. Due to our material's flowable and workable nature, it's easier to pump and covers more distance. We have the ability to quickly set up and remove our equipment from the job site. Our low-density cellular concrete mix requires fewer cement truck deliveries and material than traditional fill, resulting in savings in cost and time. Another added benefit is that since it does not need compaction, the material will not compress over time, which helps reduce the lateral load against the existing abutment.

