



PROJECT FACTS & HIGHLIGHTS

- Stalls:** 5,000
- Levels:** 8
- SF:** 2,200,000
- Owner:** City of San Jose
- GC:** Hensel Phelps
- Architect:** Fentress Architects
TranSystems
- SEOR:** Watry Design

Schedule:
Saved 5 months in the schedule.

Cost Savings:
Delivered \$30m under budget.

STRUCTURE ELEMENTS

- 3,817 precast pieces, including double tees, various beams, girders, columns and spandrels

San Jose International Airport ConRAC Parking Facility

San Jose, CA



PCI Design Award Winner

California's largest precast concrete parking structure features creative seismic and rental-car services that expand the facility's capabilities

This 2.2 million sf parking structure is an important aspect of the San Jose International Airport expansion. Located on the airport grounds, this new consolidated rental car (ConRAC) facility and quick turaround area (QTA) puts rental cars within convenient walking distance of the new terminals, and helps put San Jose ahead of its regional rivals in terms of on-airport services.

"Time is money, and the ability of the precast concrete to save five months in the schedule was critical."

Jeff Fredericksen, SPM
Hensel Phelps
Design-Build Contractor





First-of-its-kind multi-story QTA enabled by precast solution.

Fewer interior columns with long-span double tee solution.

CLARK PACIFIC SOLUTION

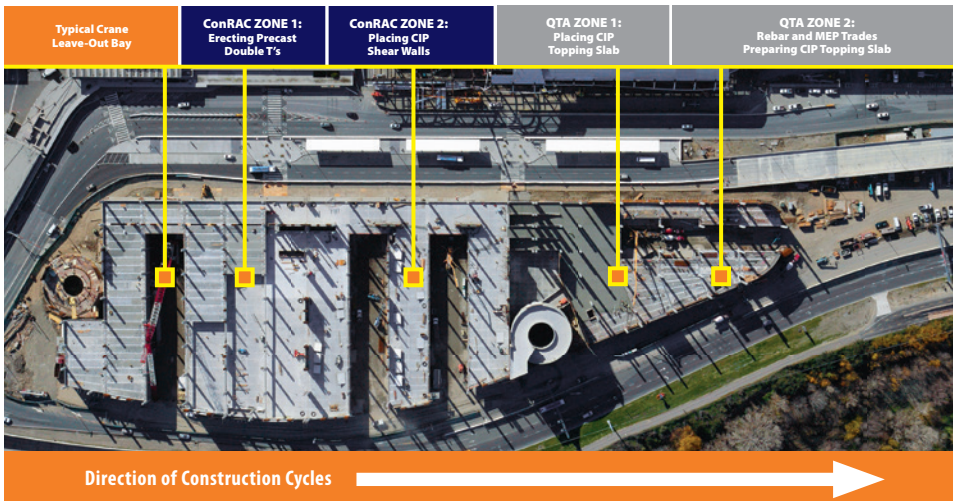
Early on in the planning, an offsite manufactured solution was determined to be the best approach to meet the schedule and site requirements of the project. The site posed a number of challenges, due to its shape and proximity to the active airport. The 6-acre footprint had to be accommodated on a 6.5 acre site hemmed in by highways and other airport functions. The offsite manufacturing approach required fewer trades and construction crews to be on-site and **moved over 17,000 construction man-days to the factory.**

“We worked with Clark Pacific to analyze all options and ultimately found the best schedule to achieve the airport’s goals for economy, efficiency and service. City and airport officials stressed the need for quick construction to alleviate disruptions to the airport. Time is money, and the ability with this approach to save five months in the schedule was critical.” – Jeff Fredericksen.

The speed of the erection cycles contributed to the financial success of the project helped bring it in \$30M under its original budget of \$270M.

“The rental car companies love this facility. The design has cut their operational costs substantially, and the schedule was tremendously efficient. I think when other airports look at this design; they’re going to ask, ‘If San Jose can do that, why can’t we?’”

Jeff Fredericksen, SPM
Hensel Phelps
Design-Build Contractor



Clark Pacific developed a collaborative schedule with Hensel Phelps which drove a balanced and efficient construction cycle for the highly impacted construction site.

