



## San Jose International Airport

SAN JOSE, CA

San Jose has been called the “most technologically advanced airport,” by Airport World Magazine

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CLIENT

City of San Jose

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ARCHITECT

Fentress Architects

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DURATION

67 Months

For well over a decade Rosendin has provided electrical, data and telecommunication services to the San Jose International Airport on many different projects. The following projects are our most notable to date:

### **North Concourse**

The 380,000 square-foot modernization of the North Concourse at San Jose International Airport required working adjacent to active airport operations without interrupting the daily functions of the airport. The new terminal is a significant part of the airport’s comprehensive master plan to better serve travelers flying into San Jose and Silicon Valley. The nine new gates are set within an open plaza that features airy walkways and natural lighting. Rosendin’s role required the installation of electrical and telecom conduits, including cabling to support the passenger terminal boarding areas and security systems as well as phasing of the systems to support connection to existing high voltage utilities.

### **Terminal A Modifications**

This phase refurbished the terminal, adding additional gates to the existing Terminal A, expanded security space by providing 12 new security lines and additional check-in counters. It also provided significant upgrades to the baggage handling systems adding new conveyors and an automated explosive detection system, improved the flow and capacity to the security entrance points, upgraded the security systems and fire alarm, increased airside vending services, and updated the architectural look and feel.

Rosendin provided the telecommunications and data system for the renovated terminal.

## **Terminal B Construction**

Terminal B Becomes the First New Terminal in the Western U.S. to Earn LEED® Silver

This 150,000 square foot terminal connects to the existing North Concourse terminal which increased the number of gates by 5. The facility provides ticketing, baggage claim, and security checkpoints, baggage scanning devices, extensive baggage handling installations, TSA-approved security system, fire alarm system, and abundant tele/data infrastructure.

## **Terminal C Modifications and Demo**

For many years Terminal C was the airport's only building serving all travelers. The terminal was demolished in two phases allowing for uninterrupted daily operations of the airport. The construction of Terminal B replaced the north end section of Terminal C and the south end demolition of the terminal now supports roadway improvements, in addition to a modern Consolidated Rental Car Facility; ConRAC.

## **Roadway Improvement**

This phase of the airport's master plan improved roadways leading to and in front of the terminals. To improve traffic flow, two bridges were added to the airport's upgraded roadway system. One bridge carries traffic between the north concourse and Terminal A, isolating Terminal A traffic. The second bridge separates traffic returning to the terminal area or leaving the airport.

## **Consolidated Rental Car Facility (ConRAC)**

The ConRAC at San Jose International Airport is home to ten rental car companies and was designed with a number of innovative features to provide a superior user experience. The 1.6 million square foot garage holds nearly 4,000 automobiles and boasts exceptional customer services for the traveler while reducing costs for the rental companies with the addition of a Stacked Quick Turnaround Facility (QTA). The QTA allows the rental car companies to operate fueling, maintenance and indoor carwash racks with greater efficiency and more environmental controls. Sitting atop the 7-story consolidated rental car parking garage is a 1-Megawatt solar array that supplies 20% of the facilities energy needs. The entire solar panel system was designed, engineered, constructed, and commissioned by Rosendin using over 4,000 high-performance modules.

### **OFFICES**

San Jose, CA (Corp HQ)

### **SECTORS**

Transportation

### **VALUE ADD**

Design-Build