

City of San Rafael Station No. 52 Project

March 2018
Issue 8



March progress picture – Looking North from Training Classroom to Fire Station Building

PROJECT TEAM:

Owner: City of San Rafael
Project/Construction Manager: Kitchell, Sacramento, CA
Architect: Mary McGrath Architects, Oakland, CA
Contractor – Alten Construction, Inc.

For more information on the San Rafael Essential Facilities, projects please visit
<https://www.cityofsanrafael.org/departments/facilities>

Executive Summary

In November 2013, Measure E was passed by the voters of San Rafael extending for 20 years an existing 0.5% sales tax and adding 0.25% in an effort to set aside funds to begin to address the aging public safety facilities in San Rafael. In July 2015 the City Council approved a strategic plan for essential public safety facilities which updated the 2003 facility condition assessments, developed space needs of essential facilities, feasibility studies of improving existing and new public safety facilities, developed project budgets and funding plan, prioritized projects, and developed a phasing and implementation schedule. The plan recommended seven projects including a new public safety center housing both the police and fire departments as well as the rebuilding of Fire Station 51, 52 and 57. In addition, the plan recommended upgrades to the other fire stations for seismic safety and operational improvements. In late 2015, architect and construction management team began the design process for the Phase 1 projects, which included Fire Station 51, 52, 57 and the Public Safety Center. **This report provides a current update on the progress of Fire Station 52 located on the corner of 3rd Street and Union.**

Project Description/Scope

The new 10,973 square foot, two-story fire station, will remain located at 210 Third Street, San Rafael, California, and will house five on-duty fire fighters. The new station is designed to accommodate six on-duty personnel should additional staffing be required to better serve the community. The core elements of the new station include three drive-through apparatus bays, apparatus support spaces, public lobby, accessible restroom, office, kitchen, dining, dayroom, laundry room, private sleeping quarters, unisex restrooms, mechanical, electrical, communications rooms and staff parking. Other notable site/adjacent improvements include a second new structure will be a four-story training tower. The new 3,322 square foot, 46' high, pre-engineered building will be located at the south/east corner of the site and will provide a variety of training scenario opportunities, not only for SRFD, but also for other neighboring fire departments. Finally, the third new building on the site will be a 1,297 square foot, 24-person, training classroom. The facility will serve as a training academy by day and will be utilized in the evening for certification training/meetings, CPR classes, and other fire prevention functions.

Project Progress

During the month of March, Alten Construction continued work on the Fire Station Building and the Training Classroom. The Training Tower foundation work initiated with anchor pier delivery, installation and successful pull-testing. Tower footing rebar installation was ongoing at the end of the period. At the Fire Station Building, the CMU block was completed and building steel was delivered, erected and bolted up. Steel welding started and the metal decking arrived at site and was staged for installation at the 2nd floor Fire Station deck. At the Training Classroom, metal window flashings progressed to near completion with store front glass installed and caulked. On-Site utilities work showed minimal progress due to significant rainfall delays in March. The Training Tower Foundation submittal was approved by the City, with the Tower Structure design pending approval. Inspections by the City Inspector, Special Inspector, Structural & Soils Engineers, and the IOR have been performed and approved.

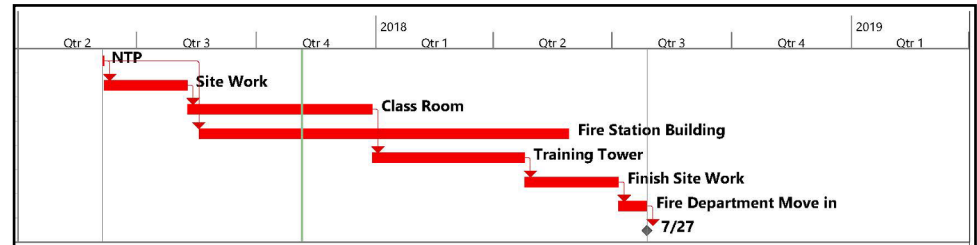


March progress pictures – (left) Classroom Interior; (right) Training Tower Foundation & Footings



March progress picture – Fire Station CMU Complete; Steel and Columns Erected. Welding Ongoing.

Project Schedule Information



Project Budget Information

	Current Budget Allocation	Expensed to Date
Construction Hard Costs	\$10,683,372	\$3,630,329
Project Soft Costs	\$2,852,973	\$1,735,907
Total Project Costs	\$13,536,345	\$5,366,236

Project Activities this Month

- ▶ Completed installation of the Fire Station CMU Block.
- ▶ Delivery of Fire Station Steel. Steel erection and welding completed.
- ▶ Tower Fdn excavation complete; Anchors delivered, installed/tested; footing rebar.
- ▶ Training Classroom complete electrical and plumbing rough-in.
- ▶ Classroom Flashings and Storefront windows/glass installation.

Anticipated April Activities

- ▶ Fire Station Metal Deck Installation.
- ▶ Classroom HVAC Rough-in. Complete exterior lath & plaster; and CMU veneer.
- ▶ Continue On-Site utilities.
- ▶ Prepare for Off-Site gas, sewer and water utilities.
- ▶ Tower Foundation Slab-on-grade.
- ▶ Finalize determination relocation of guy wires.