



SMMUSD - MALIBU HIGH SCHOOL

The SMMUSD Malibu High School campus expansion project involved construction of a new approximately 72,000-square-foot academic facility and supporting campus infrastructure as part of a major modernization and redevelopment effort for the Santa Monica-Malibu Unified School District campus in Malibu, California. Delivered over a 21-month construction duration utilizing approximately 67,000 IBEW Local 11 manhours with a peak workforce exceeding 50 electricians, the project included construction of interconnected two-story academic buildings designed to support modern project-based learning environments and advanced educational technologies. The facility includes general classrooms, STEM laboratories, visual arts spaces, special education classrooms, library and administrative facilities, and a full food service kitchen and cafeteria integrated into the new campus environment.

TAFT Electric's scope included installation and integration of extensive campus electrical infrastructure, lighting systems, low-voltage systems, and site utility coordination throughout the project. Work included electrical distribution systems, BIM-coordinated underground utility infrastructure, architectural and landscape lighting, emergency power systems, advanced lighting controls, classroom technology infrastructure, and comprehensive low-voltage systems supporting campus operations and life-safety functions. Additional site infrastructure included expanded parking facilities with electric vehicle charging stations, a digital marquee system, guard house infrastructure, and electrical support systems associated with the campus wastewater treatment facilities.

The facility incorporated advanced building technologies and sustainable infrastructure systems including radiant heating and cooling embedded within concrete slabs, smart classroom audiovisual systems, integrated lighting controls, and infrastructure supporting a future 360kW rooftop photovoltaic system. Construction activities required coordination within an occupied educational campus environment and included extensive coordination between electrical, mechanical, architectural, and site development systems. The completed project delivers a highly integrated, technology-forward academic environment designed to support long-term educational growth and modern campus functionality within the coastal Malibu setting.

PROJECT DETAILS

Ground-Up Academic Campus Expansion & Modernization

LOCATION: Malibu, CA

CLIENT: Santa Monica-Malibu Unified School District (SMMUSD)

DURATION: 21 Months

SIZE: Approximately 72,000 SF

SCOPE: Electrical Infrastructure / Site Utilities / Architectural Lighting / Low-Voltage Systems / Smart Classroom Technology / Emergency Power Systems



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