

Cathedral City High School Solar and re-roof project - The CCHS gymnasium building's 25-year-old roof has been replaced and 319 solar panels were installed to offset the cost of the pool and stadium's electricity. The system will produce 169,045 kWh of electricity which reduces the emissions of carbon dioxide or greenhouse gases equivalent to planting 112 acres of US forest per year. The new solar array was completed in November 2018.

District-wide heating and air conditioning replacements at Palm Springs High, James Workman Middle and Mount San Jacinto High Schools – The existing air conditioning units at Palm Springs High School were 24 years old and installed in a non-efficient manner as the hot air return of the units fed directly into the fresh air intake of the adjacent units. The existing equipment was removed from their current positions, relocated to the roof and replaced with high efficiency equipment. A total of 99 air conditioning units were replaced and four new units were added to the locker rooms area. The air conditioning units at James Workman Middle and Mt. San Jacinto High Schools were 22 years old and in need of replacement. A total of 48 air conditioning units at James Workman Middle and 29 units at Mt. San Jacinto High were removed and replaced. The replacement of the old outdated HVAC units at the 3 schools is estimated to bring an annual saving of 435,906 kWh which equates to almost \$70,000 in annual savings.

Phase II District-wide Fire and Intrusion Alarm Upgrades – New fire alarm systems will be replaced at Cathedral City High, Della Lindley Elementary, Landau Elementary and Sunny Sands Elementary schools to enhance safety and meet current fire codes.

Parking Lot Improvements at Two Bunch Palms and Katherine Finchy Elementary Schools – The parking lots at Two Bunch Palms and Katherine Finchy Elementary schools were redesigned to allow for safe and enhanced flow of parent traffic. Additional parking spaces were added at Two Bunch Palms Elementary in the empty lot at the south end of the school. Katherine Finchy Elementary has been the main entry to the parking lot to the farthest west end of the campus to allow for additional queuing of cars in the parking lot for pick-up and drop-offs. The renovations were completed in September 2018.

Parking Lot Improvements at Rio Vista and Cathedral City Elementary Schools – The parking lots at Rio Vista and Cathedral City Elementary schools will be renovated summer 2019 to provide a safe and enhance flow of traffic for pick-ups and drop-offs of students. The bus lane at Rio Vista Elementary will be relocated to the west side of the campus to provide more queuing space for vehicles. Cathedral City Elementary will have changes to the bus lane and additional parking spaces added.

Proposition 39 HVAC and Lighting Projects – The California Energy Commission through Proposition 39 has granted PSUSD roughly \$5 million dollars over a 5 year period to replace inefficient air conditioning units and lights fixtures. In order to maximize the energy savings, the District added bond funds to each project to ensure all fixtures and units at each of the schools can be replaced. These upgrades are taking place at James Workman Middle, Mount San Jacinto High, Cielo Vista Charter, Palm Springs High, Cathedral City High, Desert Hot Springs High, Desert Springs Middle, Vista Del Monte Elementary, Bella Vista Elementary, Rio Vista Elementary, Katherine Finchy Elementary, Cabot Yerxa Elementary, Cahuilla Elementary, Raymond Cree Middle and Cathedral City Elementary.

Palm Springs High School Field Restroom building – An exterior new restroom building was installed at Palm Springs High for use by the public for baseball, tennis and softball games. The restroom building was installed summer 2018 and is being used by students.

Facilities Master Plan - The California Department of Education requires California school districts to prepare and/or update their Facilities Master Plan (FMP) for their district every five years. The district last updated their FMP in 2013. The Facility Master Plan is a long-term blueprint for meeting the changing facility needs of the district. Developed with input from the community, parents, and school and district staff over the last year, the plan will contain a needs assessment for every school in the district, as well as recommendations on school reconfiguration and rehabilitation to align facilities best with future curriculum needs. Simply put “*Instruction drives Construction*”. Projects will be prioritized with the highest priority going to safety and security of campuses and buildings, creating engaging learning environments to support and advance teaching and learning environments, renovate and replace aging infrastructure.

Nellie Coffman Central Plant Upgrades - The central plant at Nellie Coffman Middle School (NCMS) consists of 2 cooling towers and 2 chiller units which were installed when the school was built in 1975. The cooling towers are the original units and their life cycle is 30 years so the towers are over 10 years past the end of its useful life. The heating and chiller units have an estimated life cycle of 20 years and NCMS’s units were replaced in 1997 but now are 10 years past the end of their useful life cycle as well. The project scope consists of replacement of two cooling towers, one of two chillers and all electrical distribution gear serving the entire NCMS campus. The other existing chiller failed in June 2017 and was replaced with a new chiller over the summer 2017. In addition to the cooling tower equipment, the main Southern California Edison electrical service which is also original to the campus has deteriorated and needs to be replaced due to on-going maintenance safety concerns by SCE. The central plant replacement has received the Division of State Architect (DSA) approval and should be completed by August 2019.

Agua Caliente Elementary Renovation – The renovation of the existing Agua Caliente Elementary campus is almost complete. The existing school buildings will be torn down and new buildings have been constructed, including two-story classroom buildings. The administration and library area, multi-purpose building, classrooms and parking lots will be rearranged on the school site. The construction started in May 2017 and new buildings are estimated to be completed in January 2019. Once the new buildings are constructed, the old buildings will be removed and a new playground will be installed. Project completion is scheduled for Spring 2019.

Palm Springs High School Seismic Building Renovations – Palm Springs High School has 5 buildings built prior to 1980 that are in need of seismic and structural review. The PSHS library and cafeteria were built in the 1940’s and have been identified as potential class 1 historic buildings, and the gymnasium, multipurpose and choir buildings built between 1950s and 1980s have been reviewed for structural safety. The choir building has been deemed to meet current structural requirements and has been removed from the project scope. The multipurpose building also known as the 500 building will removed from the Palm Springs High school scope and moved forward as its own individual project. The structural requirements and building upgrades for the gymnasium, library and cafeteria are near

completion of design and will be sent to the Division of State Architect (DSA) for review. Upon receiving DSA approval of the design plans, construction will be scheduled on several phases to ensure the education needs of the students stay at high levels.

Elementary Shade Canopies – As continued awareness of the importance of having our younger students stay physically active while making accommodations to the Coachella Valley desert's environment, most healthy children can safely participate in outdoor sports and other physical activities through a wide range of challenging warm to hot climatic conditions. Playfield shade structures will be installed at each of the district's 16 elementary schools. The shade structures will be metal canopies approximately 30 feet by 60 feet. The structures have received DSA approval, bidding is currently taking place and estimated completion by August 2019.

District Wide Marquees – Installation of the first Phase of the video marquees has been completed at Desert Hot Springs High, Cathedral City High, Mount San Jacinto High, Palm Springs High and Rancho Mirage High Schools. Additional phases are being planned that will include all the Edward Wenzlaff Education Center and the middle and elementary schools.

Palm Springs High School Softball Field Back Stop – A new backstop for the varsity softball field will be installed in January 2019.

Cielo Vista Charter HVAC – Replacement of the existing HVAC units (split systems and wall packs) is in the planning stages. Replacement of the units will occur during summer 2019.

New Career Technical Facility at Desert Hot Springs High School – Grants applications have been submitted to the California Department of Education for the Renewable Energy Academy of Learning and the Public Safety Academy. Each grant application asks for \$2.2 million dollars in funding to build new classrooms with storage.

Career Technical Classroom Upgrades at Cathedral City High School – Upgrades to 3 classrooms include the addition of a photo/video studio, modernization of shop classroom and creation of a TV studio for the Film School.

Solar Carports – Solar carports will be installed at Landau and Sunny Sands Elementary Schools and the District Administration Center. Installation of the carports will occur over summer of 2019. Landau Elementary solar carports are designed to produce of 337 kW (DC) using 954 modules, Sunny Sands Elementary solar carports are designed to produce 307 kW (DC) using 777 modules and the District Administration Center solar carports are designed to produce 710 kW (DC) using 1,797 modules. Each of the solar carports are designed to produce roughly 90 percent offset of the buildings energy needs.

Desert Hot Springs High Locker Room HVAC – A new air conditioning system will be designed to replace the existing swamp-cooler type system for the girls and boys locker rooms at Desert Hot Springs High School.

Districtwide Vulnerability Assessment – The district has hired a security specialist firm to review the status and recommend improvements to the district's school sites and buildings to enhance safety and work with staff for elevated operational procedures.

Completed Projects:

Raymond Cree Portable Replacement

District-wide Swimming Pool

Roof Replacements at Rancho Mirage Elementary, Raymond Cree and James Workman Middle Schools

District-wide Fire and Intrusion Alarm Upgrades

Palm Springs High Auditorium Renovation-Seismic Upgrades

Raymond Cree Restroom and Locker room Renovations

District-wide Voice over Internet Protocol (VOIP)

Rancho Mirage High School Exterior Restroom building

Bubbling Wells parking lot revisions

Palm Springs High Field House and Concession Building

Raymond Cree Chiller and Cooling Tower Replacement Project

Edward Wenzlaff Education Center Renovation

Bella Vista Elementary School

District-wide Playground Upgrades

Rancho Mirage High School

Palm Springs High New Band Room

Cabot Yerxa Elementary School

Painted Hills Middle School

Cathedral City High Stadium Snack Bar, Restrooms and Girls Varsity Softball Dugouts

New Service Center

Nellie Coffman Middle 100 Wing Renovation

Nellie Coffman Middle Seismic Retrofit