

Facilities Planning Project Updates – May 2019

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 Rio Vista and Cathedral City Elementary Schools – The parking lots at Rio Vista and Cathedral City Elementary schools will be renovated summer 2020 to provide a safe and enhance flow of traffic for pick-ups and drop-offs of students. The plans have received Division of State Architect approval and will be bid out in January 2020. The bus lane at Rio Vista Elementary will be relocated to the west side of the campus to provide more queueing 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, Desert Hot Springs High, and Cielo Vista Charter. The scheduled replacements have been completed at the following schools: Palm Springs High; Cathedral City High; Mount San Jacinto 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.

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 (SCE) 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. SCE is coordinating with PSUSD's contractor on the electrical service replacement portion. A temporary generator will operate emergency electrical needs during the construction portion of the project. The project was bid out and the contractor has started phasing the work and is scheduled to be completed by August 2019.

Desert Hot Springs High School Career Technical Buildings – Two of Desert Hot Springs High School career technical programs; Renewable Energy Academy of Learning (REAL) and the Public Safety Academy (PSA) were submitted to California Department of Education's October round of grant funding program. Both applications scored very high and will receive a total of \$5 million dollars in funding for the classrooms designed specifically for these 2 high specialized programs. The 13,630 square foot CTE Building is located on an undeveloped portion of the DHSHS campus and includes one classroom and one training bay for the PSA academy, and two workshop-type classrooms for the REAL academy. The CTE Building would also include various other storage and 33,000 square feet dedicated for outdoor work areas. A paved driveway will be constructed along the northern boundary of the building to provide access for first responder and emergency vehicles working with the PSA. Plans and drawings have been submitted to the Division of State Architect for approval and construction is estimated to begin winter 2020.

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 students, teachers and staff moved into the new buildings in February 2019. The contractors have removed the old buildings and work on the new playfields have started. The playfield work is will be completed in June 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 are being installed and estimated completion by August 2019.

Parking Lot Improvements at Della Lindley Elementary School – The parking lot at Della Lindley Elementary school will be renovated to provide a safe and enhanced flow of traffic for

pick-ups and drop-offs of students. Additional space at the front of the school will be better utilized and the bus lane re-worked to provide more queueing space for vehicles. The project is just beginning the design stage.

Desert Hot Springs High School Locker room HVAC – The boys and girls locker rooms at Desert Hot Springs High School were constructed with swamp coolers not air conditioning units. The swamp coolers will be removed and new energy efficient air conditioning units will be installed. The design is underway.

Phase II LED Marquee Project – New electronic LED marquees will be installed at all elementary and middle schools. The marquees will be programmable with scrolling messages allowing better communication with parents, students and the community. The signs are free-standing, eight feet tall and six feet wide.

Solar Carports – Over 1.5 megawatts of solar will be produce when solar carports are installed at Sunny Sands Elementary, Landau Elementary and the District Administration parking lots. The first year output will be roughly 2,790,000 kilowatt hours. Estimated saving in electrical bills produced by the 3 carports is \$250,000 per year. The contract will be awarded in May 2019 with work projected to start in June 2020.

Desert Hot Springs High School 4 modular classrooms – Four modular classrooms are being installed at Desert Hot Springs High School. Construction started March 2019 and is expected to be completed by July 2019. The new classrooms were added due to the lack of classroom space due to the increased need for special education classrooms at the high school.

Various Minor Capital Projects – The Facilities Planning staff together with Purchasing and Maintenance and Operations staff receives dozens of minor capital projects per year. The projects range from parking lots improvements, fencing, storage areas and many other types of new construction on school sites.

Completed Projects:

Palm Springs High School Field Restroom building

Parking Lot Improvements at Two Bunch Palms and Katherine Finchy Elementary Schools

Cathedral City High School Solar and re-roof project

District-wide heating and air conditioning replacements at Palm Springs High, James Workman Middle and Mount San Jacinto High Schools

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