

DW Construction Projects Update, November 2018

Districtwide Projects

Solar, FCC, RC, CCC, MCCC

Construction of the multi-campus solar project is near completion. Electric vehicle charging stations have been installed at Fresno City College, Reedley College, Clovis Community College, and Madera Community College Center and will be turned on once they solar systems are operational. Madera Community College Center is the first campus to receive permission to operate from PG & E and was turned on at the start of the fall semester, providing solar power to the campus. Fresno City College is complete and has received Permission to Operate (PTO) from PG & E and is producing power for the campus. While Reedley College and Clovis Community College are expected to be operational and generating power by mid to late November. The purchase power agreement will enable the district to pay a fixed energy rate over a 20-year period and thereby avoid anticipated escalation of utility rates. Not only will this project save the district approximately \$18 million over the next 20 years, it will reduce greenhouse gas emissions equal to taking 171 vehicles off the road each year, or saving more than 912,696 gallons of gas.

Proposition 39 Interior Lighting Retrofit, FCC & RC

The California Clean Energy Jobs Act (**Prop. 39**) began in 2013 and included 5 years of funding to promote job creation through construction grants that focused on retrofitting inefficient equipment with clean energy products. The Prop 39 Interior Lighting Retrofit at Fresno City College and Reedley College is the final project under Prop 39. This project replaces existing interior lighting with newer, more energy efficient LED lighting. Similar to previously completed Proposition 39 lighting projects, this project not only provides substantial cost savings to the district, but also supports our goal of increased sustainability and improving the learning and working environment for our students and staff.

Construction is substantially complete at both Reedley College and Fresno City College with installation and programming wrapping up before the end of the year.

Public Notification Speakers

This project will address upgrades and improvements to the public notification speaker system. These upgrades will increase the coverage and improve the audible intelligibility and overall functionality of the notification speakers to allow for improved communication to staff and students. This project is currently in the preliminary design phase.

Landscape Improvements/Tree Trimming

Several dead, dying, and unsafe trees were removed at Reedley College over the past few months at Business, Dental, Music, President's office, and near the Gym. Additional tree removals to address dead or damaged trees will be planned as part of the Tree

Fresno project. The plan is to replace these trees, as well as add several others, in conjunction with Tree Fresno projects at Fresno City College, Reedley College, and Madera Community College Center. The Tree Fresno grant is expected to provide us with several hundred new trees at each of the three sites that will enhance the beauty of our campuses as well as providing more appropriate, drought tolerant landscape which will benefit the environment, our community, and provide shaded areas for our students. Design for these projects is nearing completion and work is expected to begin in winter or early spring 2019.

Fire Suppression at Main Data Rooms, FCC, RC, CCC

This project adds a fire suppression system to the main data center at Fresno City College, Reedley College and Clovis Community College to provide protection to the critical data infrastructure serving the campus. The projects are pending DSA review with bidding and construction to follow in 2019.

Asphalt Maintenance & Pavement

As part of the update to the Facilities Master Plan, an evaluation of the existing pavement conditions is being done. This evaluation includes recommendations for ongoing repair and replacement of the parking and paved areas throughout the district over the next seven years. In addition to the pavement study which addresses asphalt conditions, another area of need has been identified in the parking lots where solar was installed. The landscape planters and tree wells which remain under the new solar arrays are no longer in use and need to be removed. The district is working with a civil engineer now to identify the scope of work for the planter removal in conjunction with the ongoing asphalt maintenance needs.

Fresno City College & CTC

Ratcliffe Fence & Landscape Improvements

The perimeter fencing, walkways, and landscaping around Ratcliffe Stadium and Eules Ballpark are in need of an upgrade. This project will address those needs with the addition of sidewalks, new fencing, and landscape upgrades. The initial phase of this project will improve the Blackstone portion of Ratcliffe with new fencing and concrete improvements, and is going out to bid now with construction expected to begin in early 2019.

Reroof Field House & HVAC Replacement

This project is expected to address the aging, inefficient heating & cooling systems and replace the mechanical rooftop that is in very poor condition. The project is currently in design with construction expected in mid-2019.

Softball Field Upgrades

Replacement of the softball fencing and dugouts are complete, as well as replacement of the storage units. With the arrival of Fresno City College's new athletic director, planning efforts have been renewed, along with strategies to secure additional funding to improve our women's softball facilities. To ensure that these facilities meet NCAA

standards, master planning will include bleachers, addressing accessibility, continuing to improve the dugouts and the overall spectator experience.

Police & Fire Academy Portables

The police and fire programs are bursting at the seams and space is desperately needed. These programs will be relocated to the new southeast site once it is completed, but space is needed in the interim. Four new portable buildings and a portable fire scenario trailer have been ordered and preliminary design has started. Construction expected in late spring, early summer 2019.

Single-Point of Entry/After Hours Building Access

In an ongoing effort to improve security at Fresno City College, several buildings with enclosed corridors and multiple access points will be converted to a single-point of entry for after-hours access to the buildings. The buildings that will be converted are: Language Arts, Business Education, Social Science (division office area), Music Speech, Math Science, Health Science, and the Theatre. Each building was evaluated for accessibility and the specific locations were identified based on ADA access. For Language Arts, there will be three locations; one on the single level portion of the building and one on the first and second floor of the two-story, closest to the elevator on the east side of the building. For Business Education, there will be two locations; one on the first floor, and one on the second floor closest to the elevator on the east side of the building. In Social Science, the division office will be accessible from only one location for office spaces 121-124. In Music Speech, after-hours entry will be restricted to one entrance on the south side, near the elevator. Math Science will have entrances at three locations, via the elevator, for the court floor, 1st floor and 2nd floor. At Health Science, the after-hours entrance will be in two locations; the 1st floor east entrance and the administration main entrance. And the single-point of entry for the Theatre will be on the south side of the building at the accessible entrance. Work will be done in phases and is expected to begin late 2018, early 2019.

Building A Replacement of Air Handlers

This project will replace the aging, inefficient air handlers with more energy efficient systems to provide improved cooling and heating to the building. Initial review of the existing conditions is complete and the project is in preliminary design. Anticipating starting construction sometime in 2019.

Clean and Calibrate Switchgear

Ongoing maintenance to clean and calibrate the campus switchgear for Fresno City College is scheduled for winter break.

Replace Gym Flooring

The gym floor at Fresno City College is in poor condition and can no longer be refinished or repaired, necessitating its replacement. The project is currently in design with construction expected Summer 2019.

Counseling Center Remodel

Furniture, flooring and painting upgrades are planned for some offices and counter area in the Counseling Center on the 2nd floor of Student Services. This project is in preliminary design and is pending final scope of work and cost estimates to determine possible phasing of project contingent upon available funding.

Upgrades to Athletics Facilities

The campus is obtaining bids to replace the lockers in the men's and women's locker rooms at the Field House, as well as looking at potential upgrades to some of the athletic facilities at the FCC gym/locker rooms. This project is in the preliminary stages to identify needs and determine funding allocations.

Reedley College

Replace Cooling Tower

This project will replace the existing cooling tower that serves the Reedley College campus. The larger capacity tower will be more energy efficient to address the increasing cooling needs of the campus as new buildings are added and existing uses are changed. The project is currently out to bid and construction is expected to start in late November, early December.

Mechanized Ag/Heavy Truck Expansion

To make room for the new Heavy Truck program at Reedley College, the existing Mechanized Ag building will be expanded. Phase 1 of the project will construct a large truck bay to support the educational program and is currently in design. Construction is anticipated to start in 2019.

Manning Avenue Driveway for Parking Lot A

Because the parking lots on the south side of campus are only accessible from a single entrance on Manning, when the City of Reedley does any road work that closes the entrance, the parking lots on the south are completely inaccessible to students and staff. Installation of a second driveway entrance on Manning will allow for continued access to the southern parking lots during times of road closure. A project to add a secondary entrance to the campus from Manning Avenue, into parking lot A near the Residence Hall, is getting ready to start construction in late November 2018.

City of Reedley Reed Avenue Improvements

The City of Reedley continues their work at the front of campus along Reed Avenue. The roadwork portion of the project is complete and streetlights are scheduled to be installed in late November, early December. Once the streetlights are installed, additional utility work will commence to install new infrastructure which is expected to begin in early 2019. This additional work may cause periodic lane closures as work takes place but is not expected to create any road closures.

City of Reedley Manning Avenue Improvements

The City of Reedley is planning a project on Manning Avenue for summer 2019 and lane closures will be expected. The project is still in the planning stages and the final scope of work is still being determined and a construction timeline still pending. Additional updates will be provided as more information is made available.

Life Science Air Handler Replacement

This project will replace the 1970's air handlers on the existing Life Science building with a more energy efficient system. Preliminary design has begun and work will take place sometime in 2019.

Forum Hall Replacement of Air Handlers & Reroof

This project will replace the aging, inefficient air handlers with more energy efficient systems to provide improved cooling and heating to the building. This project is in preliminary design and will be submitted to DSA in 2019.

Install Liftstation for Gym/PE

Because the gym walkway is at a lower grade than the surrounding areas, flooding has been an ongoing issue. To address these concerns, installation of a new liftstation designed to move the excess water run-off from the lower to higher elevation is planned. Design is in progress with construction expected in early 2019.

Modifications and Removal of Backflow Devices for Irrigation/Domestic Water on Campus

The City of Reedley project to upgrade the city water service provided an opportunity for the campus to upgrade the existing backflow prevention devices on the street. The new backflows were installed by the contractor hired by the City of Reedley but the old devices on campus require removal. This project will remove the old devices to ensure proper water flow to critical areas of the campus.

Madera Community College Center

Fire Suppression at Main Data Room

This project adds a fire suppression system to the main data center at Madera Community College Center to provide protection to the critical data infrastructure serving the campus. Construction is substantially complete.

Center for Agriculture and Technology (CAT)

Construction for the new Center for Agriculture and Technology started in September with excavation and earthwork. The project is moving along at a nice pace with trenching for underground utilities going on now and the preparation of the building pad starting soon. Work will continue for several months with expected completion shortly after the start of the fall semester.

Clovis Community College & Herndon Center Office and Classroom Reconfigurations

Planning for changes to office spaces and classrooms are ongoing as needs are identified on campus. Existing space at both Clovis and Herndon are currently being evaluated for the new RHA/OTA program.

Athletic Facilities

The current athletic facilities for trainers, office space, and team gathering areas is not adequate to meet the needs of the department. Currently reviewing possible options for temporary space closer to the athletic fields.

District Office

District Office Relocation

Construction is ongoing at the new District Office building on Fulton. Abatement and demo are complete and installation of data cabling and framing of walls has started. Additional work to upgrade the flooring, finishes, fire alarm, security, lighting, and technology infrastructure and systems is also ongoing.