

YAVAPAI COLLEGE FACILITIES MANAGEMENT NEWS

February 2020

Greetings from Facilities!

The February issue of this newsletter contains the latest information related to Facilities Management programs and projects, along with general information concerning the campus master plan and subsequent capital improvements. If you have questions about any of the items listed, please e-mail me at david.laurence@yc.edu. This newsletter is also posted on the Facilities web site.

Campus Projects

During January, a temporary structure was installed near the Art Ranch to house Set Building, while design begins for the construction of a new facility adjacent to the PAC stage. The plan is to eventually complete a small renovation to house a Technical Theater program to support visual arts activities at the PAC.



Facilities Team Members Jaime Hernandez, Brandon Biro, and Scott Ellis Begin the Assembly of the Temporary Structure for PAC Set Building



A Week Later – Complete with Interior Lighting and Electrical Service

2018-20 CAPITAL IMPROVEMENT PLAN

Verde Valley Campus Building L

Structural piling for the new roof enclosing the second floor installed as decking continues through the first week of February. Sidewalks are being poured to tie Building L with south parking lots. The bridge connecting building I to Building M will be reinstalled the second week of February.

Interior work includes installing drywall on the first floor and the completion of electrical rough-in. Framing is nearing completion on the second floor with drywall installation anticipated the second week of February.

Design Team: SPS+ Architects Construction Team: Kinney Construction Services



Setting Structural Steel for New Roof



Structural Steel for New Roof



Roof Decking Enclosing Second Floor



First Floor Student Study Rooms



Installing Drywall at Science Lab

Building 32 Second Floor Refresh and Improvements

Final construction items include fire sprinklers, lighting, and carpet will be installed during the first week of February with President's office paint and carpet on February 26 and 27.

Building 1 Improvements

Design is underway to improve the indoor comfort needs of the Answer Center and surrounding areas. Stay tuned for more information as details emerge of the redesign of the front entrance to Building 1.

On-Campus Signage/Marquees

As discussed in the January issue of this newsletter, part of the FY20 and FY21 Capital Improvement Plan is to replace the electronic marquee at Prescott, purchase land and develop plans for marquees near CTEC and the Verde Valley Campus and install a marquee at the Prescott Valley center.

Facilities installed a new electrical service for the Prescott marquee, which is scheduled to be installed the second week of February. Both CTEC and Verde Valley will require land acquisition, so stay tuned to future issues of this newsletter for progress updates.



Prescott Campus Replacement Marquee Rendering



CTEC Highway 89 Possible Location Rendering



Verde Valley Campus Possible Location Rendering

If you would like more information about the campus master plan or implementation schedule, please go to <http://masterplan.yc.edu/>. This site is updated regularly as new information concerning project progress becomes available.

BUILDINGS AND GROUNDS PLANNED MAINTENANCE PROJECTS

As part of the budget, planned maintenance projects are scheduled each year to ensure that College facilities are maintained at a level to support optimum performance in building systems, infrastructure, life safety, roadways, and parking, along with College grounds. These projects are the result of a recent Facilities Condition Assessment (FCA), which identifies when repairs, modifications, or replacement of components should occur.

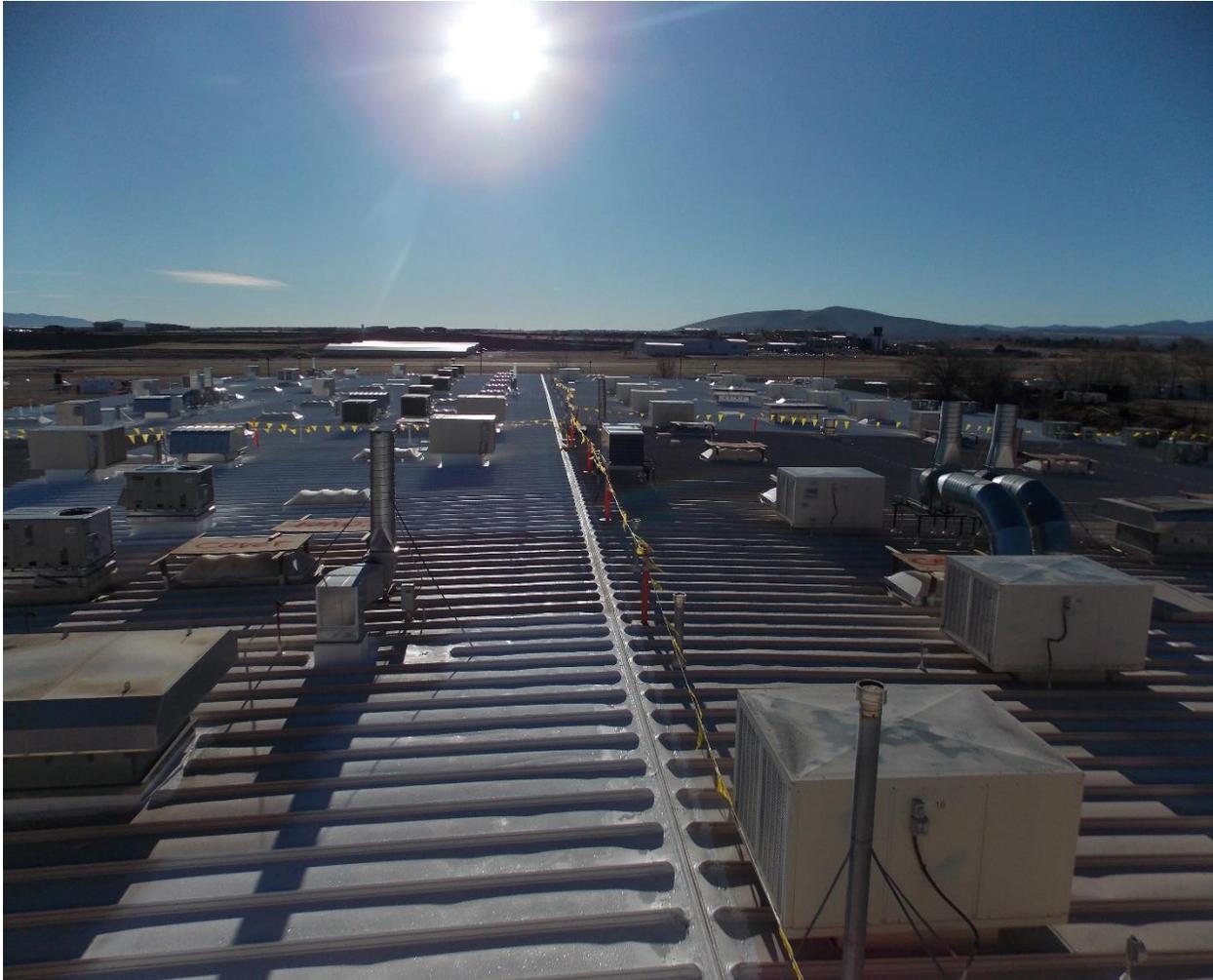
FCA Projects:

CTEC Roof Coating – February 2020 (Weather Delay)

Verde Valley Building L Drainage and Central Plant Tie-in – Underway

Chino Valley Ag Center and Building 20 Fire Alarm Replacement – Underway

Kachina Plumbing and Fire Safety Upgrades – May through August 2020 and 2021

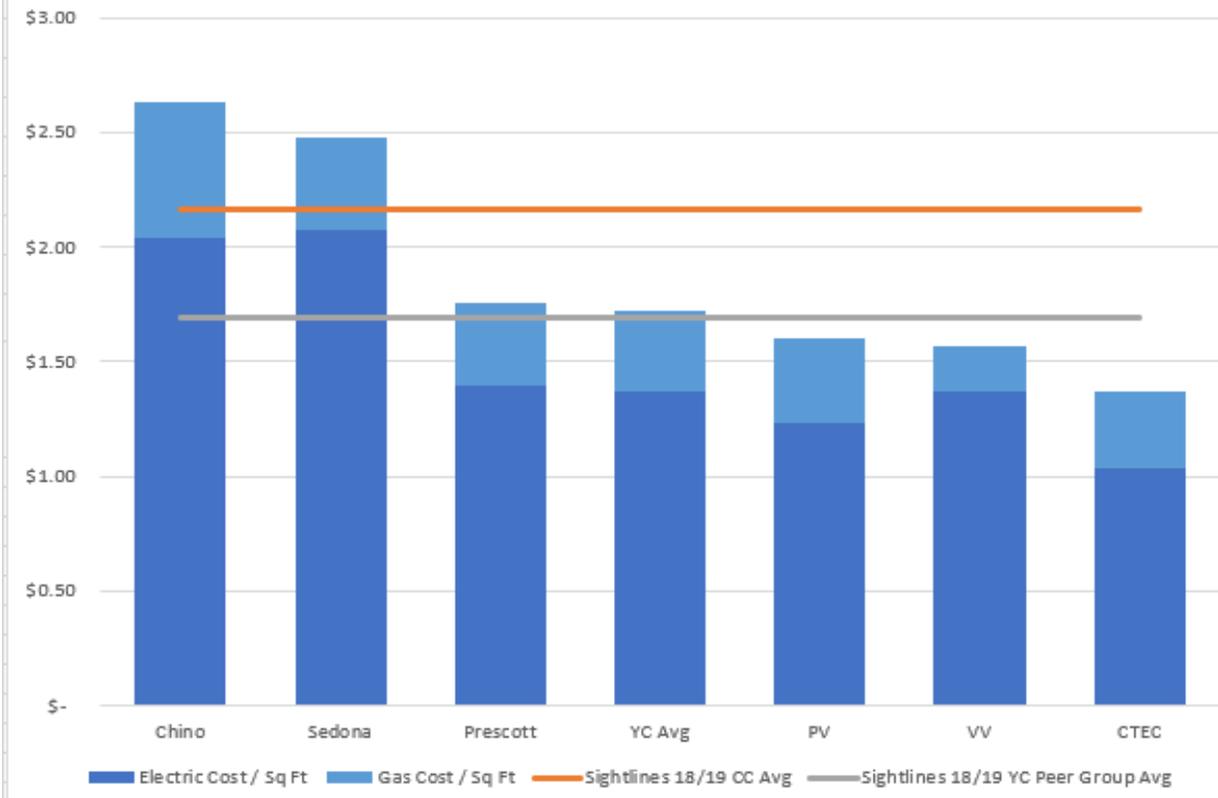


CTEC Roof Coating Project

Energy Corner – Scott Blevins and Bruce Hustedt

Energy conservation is a constant topic of discussion. With ever-increasing gas and electric prices, we do whatever we can to offset usage and keep our total costs in line. The graph represents YC's cost per square foot of energy used by location. Based on our overall average, we are at \$1.72/sq ft vs. the Sightlines average of our peer institutions at \$1.69/sq ft (Peer Institutions named below graph). We are in line with other organizations of our size. When you look at our average compared to the entire Sightlines database of community colleges, we perform even better at \$1.72/sq ft vs. the community college average of \$2.16/sq ft. Sightlines is a leader in Facilities Intelligence Solutions that the Facilities Management group has been working with for the past couple of years.

YC Energy Cost / Sq Ft 2019



Sightlines 18/19 YC Peer Group

Berkshire Community College	Cape Cod Community College	Holyoke Community College	Mount Wachusett Community College	Northern Essex Community College
Bristol Community College	Greenfield Community College	Middlesex Community College	North Shore Community College	Roxbury Community College

Under

Environmental, Health and Safety – Angie Gasser

Work-related musculoskeletal disorders, including back injuries, account for more than one out of every three work-related injuries in the United States. Completing tasks that require heavy lifting, repetitive stress, bending and twisting, and pushing/pulling increase the risk of developing lower back pain. Since you cannot always avoid lifting, practice the following proper lifting techniques to protect your back:

Safe Lifting:

1. Stand close with your feet shoulder-width apart
2. Bend your knees, keeping your back straight
3. Lift with your legs
4. Keep items close to your body
5. Avoid turning with your back, adjust your feet
6. Ask for help if the object is too heavy to lift safely
7. Use carts to assist with moving heavy objects or moving long distances



Additional Tips for a Healthy Back:

1. Avoid repetitive lifting by mixing in tasks that do not involve lifting and take breaks to stretch.
2. Adjust the height of your chair so your feet rest flat on the floor, and your thighs are parallel to the floor.
3. Remove your wallet or cellphone from your back pocket when sitting to prevent additional pressure on your lower back.
4. Change your position often if you must sit for prolonged periods of time.
5. Design your workstation to avoid excessive bending, twisting, and stretching.

Facilities New Team Members

No new team members this month.

Well, that is all for this edition of Yavapai College Facilities Management News. Please stay tuned for the next edition containing the latest information related to projects and programs around the College.