

Cuyamaca College Project Listing

Building	Repair Description	Status and Project Name
A	Installed light motion detectors in offices and classrooms	Completed, Part of Energy Reduction Project
	Installation of Direct Digital Controls, Variable Air Volume boxes and water control valves for the HVAC system	Completed, Part of Energy Reduction Project
	Installation of skylights in the corridor	Completed, Part of Energy Reduction Project
	Repaint classrooms	Completed, Part of Prop R Repair/Renovation
	Replace damaged ceiling tiles	Completed, Part of Prop R Repair/Renovation
	Installed new vinyl base in repainted classrooms	Completed, Part of Prop R Repair/Renovation
	Waterproofing of classroom below grade walls	Completed, Part of Prop R Repair/Renovation
	Upgrade of Air Handlers to include installation of Variable Frequency Drives and connection to a campus Energy Management System	Completed, Part of Energy Reduction Project
	Installation of new tack boards	Completed, Part of Prop R Repair/Renovation
B	Installed light motion detectors in offices and classrooms	Completed, Part of Energy Reduction Project
	Installation of Direct Digital Controls, Variable Air Volume boxes and water control valves for the HVAC system	Completed, Part of Energy Reduction Project
	Repaint classrooms	Completed, Part of Prop R Repair/Renovation
	Replace damaged ceiling tiles	Completed, Part of Prop R Repair/Renovation
	Installed new vinyl base in repainted classrooms	Completed, Part of Prop R Repair/Renovation
	Waterproofing of classroom below grade walls	Completed, Part of Prop R Repair/Renovation
	Upgrade of Air Handlers to include installation of Variable Frequency Drives and connection to a campus Energy Management System	Completed, Part of Energy Reduction Project
C	Installation of Direct Digital Controls, Variable Air Volume boxes and water control valves for the HVAC system	Completed, Part of Energy Reduction Project
	Installed new building water shut-off valve	Completed, State Scheduled Maintenance
D	Installed light motion detectors in offices and classrooms	Completed, Part of Energy Reduction Project
	Installation of Direct Digital Controls, Variable Air Volume boxes and water control valves for the HVAC system	Completed, Part of Energy Reduction Project
	Repaint classrooms	Completed, Part of Prop R Repair/Renovation
	Replace damaged ceiling tiles	Completed, Part of Prop R Repair/Renovation
	Installed new vinyl base in repainted classrooms	Completed, Part of Prop R Repair/Renovation
	Waterproofing of classroom below grade walls	Completed, Part of Prop R Repair/Renovation
	Upgrade of Air Handlers to include installation of Variable Frequency Drives and connection to a campus Energy Management System	Completed, Part of Energy Reduction Project
	Installation of new tack boards	Completed, Part of Prop R Repair/Renovation

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Building	Repair Description	Status and Project Name
E	Installed light motion detectors in offices and classrooms	Completed, Part of Energy Reduction Project
	Installation of Direct Digital Controls, Variable Air Volume boxes and water control valves for the HVAC system	Completed, Part of Energy Reduction Project
	Repaint classrooms	Completed, Part of Prop R Repair/Renovation
	Replace damaged ceiling tiles	Completed, Part of Prop R Repair/Renovation
	Installed new vinyl base in repainted classrooms	Completed, Part of Prop R Repair/Renovation
	Waterproofing of classroom below grade walls	Completed, Part of Prop R Repair/Renovation
	Upgrade of Air Handlers to include installation of Variable Frequency Drives and connection to a campus Energy Management System	Completed, Part of Energy Reduction Project
	Installation of skylights in the corridor	Completed, Part of Energy Reduction Project
	Installation of new tack boards	Completed, Part of Prop R Repair/Renovation
F	Installed light motion detectors in offices and conference rooms	Completed, Part of Energy Reduction Project
	Installation of Direct Digital Controls, Variable Air Volume boxes and water control valves for the HVAC system	Completed, Part of Energy Reduction Project
	Installed new building water shut-off valve	Completed, State Scheduled Maintenance
	Installation of skylights in the corridor	Completed, Part of Energy Reduction Project
	Upgrade of Air Handlers to include installation of Variable Frequency Drives and connection to a campus Energy Management System	Completed, Part of Energy Reduction Project
	Installed new seals at the air handling units	Completed, Part of Energy Reduction Project
G	Installed light motion detectors in offices and classrooms	Completed, Part of Energy Reduction Project
	Installation of Direct Digital Controls, Variable Air Volume boxes and water control valves for the HVAC system	Completed, Part of Energy Reduction Project
	Repaint classrooms	Completed, Part of Prop R Repair/Renovation
	Replace damaged ceiling tiles	Completed, Part of Prop R Repair/Renovation
	Installed new vinyl base in repainted classrooms	Completed, Part of Prop R Repair/Renovation
	Waterproofing of classroom below grade walls	Completed, Part of Prop R Repair/Renovation
	Upgrade of Air Handlers to include installation of Variable Frequency Drives and connection to a campus Energy Management System	Completed, Part of Energy Reduction Project
	Installation of new tack boards	Completed, Part of Prop R Repair/Renovation
	Installed new seals at the air handling units	Completed, Part of Energy Reduction Project
H	Installed new building water shut-off valve	Completed, State Scheduled Maintenance
	Installation of skylights in the corridor	Completed, Part of Energy Reduction Project
LRC	Installed light motion detectors in offices and rooms	Completed, Part of Energy Reduction Project
	Installation of Direct Digital Controls, Variable Air Volume boxes and water control valves for the HVAC system	Completed, Part of Energy Reduction Project
	Upgrade of Air Handlers to include installation of Variable Frequency Drives and connection to a campus Energy Management System	Completed, Part of Energy Reduction Project
	Install new water shut-off valves for restrooms	Completed, State Scheduled Maintenance

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Building	Repair Description	Status and Project Name
O	Installation of new HVAC systems on the main building for classrooms, offices and labs; Replacement of lighting in the main building; Installation of new ceilings and repainting classrooms; Installation of a new roof; Installation of new Heating, Cooling, Lighting, Power systems and controls within the Greenhouse	Under construction, Part of Repair/Renovation and Scheduled Maintenance
P (Automotive Technology)	Renovation of the existing building including expansion of 2 Auto Bays, replace lighting and roll-up doors in the auto bays, addition of classroom and lab space, renovation of office and classroom spaces, replacement of the asphalt in the courtyard with concrete, construction of a new storage building and steam clean area, construction of a canopy over part of the courtyard, new HVAC systems for the classrooms and offices, new roof on part of the building, construction of a new main entrance to the building, addition of awnings over windows, and replacement of the existing transformer.	Under construction, Part of Prop R, Repair/Renovation and Scheduled Maintenance
R (Gymnasium)	Installed light motion detectors in offices and rooms Connection of the HVAC to a campus Energy Management System Installation of new lighting in the Gymnasium	Completed, Part of Energy Reduction Project Completed, Part of Energy Reduction Project Completed, Part of Energy Reduction Project
S (Child Development Center)	Connection of the HVAC to a campus Energy Management System	Completed, Part of Energy Reduction Project
W	Installed new building water shut-off valve Installation of asphalt, a canopy and fencing for storage on the west elevation of the building	Completed, State Scheduled Maintenance Under construction, Part of Repair/Renovation
Z (Student Services Center)	Connection of the HVAC to a campus Energy Management System Retrofit of the HVAC system to perform properly	Completed, Part of Energy Reduction Project Design phase
Parking Lot 5	Construction of a new parking lot accommodating 205 parking spaces	Substantially complete less Lighting , Emergency Telephone and Ticket machine.
Central Plant Upgrade	Replacement of the existing chillers, boilers, cooling tower, piping, electrical, transformer, underground piping, underground electrical conduit, installation of a new roof and emergency generator	Awaiting DSA approval

Cuyamaca College Facilities Projects

The following is a list and status of the Prop R, Scheduled Maintenance, and other Facilities projects geared to improve the Cuyamaca College campus:

I. Completed Projects

A. Energy Conservation – Phase I

- Replace the Gymnasium Lighting
- Lighting and Occupancy sensors in Buildings B, D, E, F and G
- Installation of Direct Digital Controls, Variable Air Volume boxes in the HVAC systems and Water Control Valves
- Installation of skylights in the corridors of Buildings A and F

Funding: Prop R Repair/Renovation, Energy Reduction and Scheduled Maintenance

B. Classroom Painting and Upgrades

- Repaint classrooms in Buildings A, B, D, E, G and O
- Replace damaged ceiling tiles
- Install new vinyl base in repainted classrooms

Funding: Prop R Repair/Renovation

C. Waterproofing of Classroom Exterior Walls

- Excavation, waterproofing and drainage installation at the exterior walls on the west elevation of Buildings A, B, D, E and G.

Funding: Prop R

I. Construction Phase (Projects Underway)

A. Energy Conservation – Phase II

- Upgrade of Air Handlers in buildings A – H
- Energy Management Computer System (EMS) to tie-in heating and air conditioning systems for most campus buildings.

Status: This project is complete except for some Punch List items.

Funding: Prop R Repair/Renovation and Energy Reduction

B. **New Parking Lot #5**

- Located between the One-Stop Center and the lower soccer field
- 205 paved parking spaces
- 159 unpaved parking spaces

Status: This project is substantially complete with the exception of permanent lighting, parking permit machine, and emergency phone. Punch List items are currently being completed. A Budget has been produced to complete the paving and lighting for the unpaved portion of the Lot.

Funding: Lease Revenue Bond

C. **Building Water Valves** – (October 2004)

- Replacement of non-functional building water valves

Status: This project will take place during the weekend of October 16th and 17th. Water for the campus will be shut down from 5:30PM on Saturday the 16th until 5AM on Monday the 18th. The buildings that will receive new water valves are Buildings C, F, H, LRC, and W.

Funding: State Scheduled Maintenance

D. **Building W Storage** – (September – October)

- The area behind Building W will be used to store carts and heavy equipment.
- Asphalt paving, fencing, and a canopy will be built to securely store equipment for Grounds, Operations, and Maintenance.

Status: Low bid has been awarded to TSC Restoration, Inc. The project is under construction.

Funding: Prop R Repair/Renovation

E. **Automotive Technology Complex Renovation** – (June – December)

- Remodel of existing classrooms including high-efficiency lighting and skylights
- Addition of classroom and lab space
- Installation of HVAC systems in classrooms and labs
- Canopy to provide shade and rain protection while working on vehicles
- Covered storage for large equipment

Status: Project is moving at a good pace. Half of the auto bays were opened Monday, September 13th for classes. Project is scheduled for completion in late December.

Funding: Prop R Repair/Renovation, Scheduled Maintenance and State Match Schedule Maintenance

F. **Building O Renovation** – (June – October)

- Installation of HVAC systems in classroom and lab space.
- Replacement of mechanical equipment and lighting in Greenhouse, and state-of-the-art controls to create an excellent teaching environment
- New roof
- Interior upgrades including new ceilings, floors and paint

Status: The four classrooms in the building were opened for classes on August 23, 2004. The contractor did a great job putting in extra hours to have the rooms ready. The roof is substantially complete and HVAC units are installed and working. Project is scheduled for substantial completion by October 22, 2004.

Funding: Prop R Repair/Renovation, Scheduled Maintenance and State Match Schedule Maintenance

G. **Pre-Construction Logistics – Science and Technology Mall** (July 2004 – February 2005)

- In preparation for the construction of the new Science and Technology Mall, the existing buildings and/or contents of the buildings must be removed, including:
 - Installation of (5) trailers for (10) classrooms around the Gymnasium and in Parking Lot 3. These trailers will replace the T buildings along with other classrooms to be used for the Bookstore. Building T trailers will stay in place until the end of the Fall 04 Semester.
 - Relocation of the Coyote's Den into a centrally located temporary building.
 - Relocation of the bookstore into existing classroom space.

Status: The new R400 – R410 trailers were installed and ready for classes on August 23, 2004. Temporary ramps have been installed for the trailers on the north side of the Gymnasium. Permanent ramps should be installed in October. Relocation of classes from Building D will take place mid Fall Semester to allow time for Barnes & Noble to prepare D104, D106, and D107 to be converted to the Bookstore. An official schedule will be forthcoming. Food Service will move into its new temporary location after the Fall Semester. Classes currently conducted the “T” trailers will be moved to the new “R400” trailers next to the Gymnasium and in Parking Lot 3 at the beginning of Spring 05' Semester.

Funding: Prop R

II. Design Phase

A. One-Stop HVAC Upgrade – (October 2004)

- An assessment is currently underway to determine how to retrofit the existing HVAC system to perform at a higher level.

Status: A design for the retrofit has been completed and is pending review by the college.

Funding: Prop R

B. Central Plant Upgrade – (September 2004 – February 2005)

- Replacement of boilers and chillers with new high-efficient systems large enough to control the heating and air conditioning in building A – H along with the new Science and Technology Mall, Student Center, Communications Arts, and Business/CIS Building.
- New underground lines to feed boiler and chiller lines to existing and new locations.
- Installation of conduit and pull-boxes for future conductivity between the above listed buildings for emergency power distribution and data communications.
- Installation of Central Generator to power critical data systems, emergency lighting, and chemical storage.
- Possible replacement of existing heating lines in Buildings B – G.

Status: This project is in the design phase and will be going out for bid in early November. The coordination of this project is critical as it involves replacing the main heating and cooling systems to most of the campus. The switchover to the new equipment will take place over Winter Break and will continue until March 2005. The fire road behind the campus will be closed and blocked off for the duration of the project.

Funding: Prop R Repair/Renovation, Energy Reduction, Scheduled Maintenance and State Match Schedule Maintenance

C. Bus Stop Construction – (November 2004 – January 2005)

- Construction of new bus stop in circular drive at the end of Cuyamaca College Drive West. The bus stop is being moved due to the new Science and Technology Mall construction starting early 2005.
- Temporary ADA pathway from bus stop to upper campus.

Status: We are currently in the design phase of this project. The circle at the end of Cuyamaca College Drive West will be slightly changed in order to allow for two buses to stop at once and allow traffic to flow. This will be the

permanent location of the Bus Stop. There will be a temporary ADA ramp installed from the bus stop to the upper campus. At the end of the Student Center Construction (March 2007) ADA access from the bus stop to the upper campus will be routed around the new building.

Funding: Prop R Repair/Renovation

D. **Firescape Enhancements** – (November 2004 - TBD)

- This project is focused on the hillsides behind building A and all the way past the Warehouse. The project will include the removal of dry brush on the immediate hillside and replaced with drought-tolerant planting materials.

Status: The College is reviewing the landscape plant palette for this project. The project is scheduled to go out to bid toward the end of the Fall Semester.

Funding: Scheduled Maintenance