



**SANTA ANA COLLEGE
FACILITIES COMMITTEE MEETING
APRIL 28, 2015**





ACTIVE PROJECTS

Santa Ana College

- ▶ Dunlap Hall Renovation
- ▶ Chavez Hall Renovation
- ▶ Johnson Relocation Temporary Village

Santa Ana College

- ▶ Perimeter Site Improvements
- ▶ Building G Renovation
- ▶ Artesia Street Improvements
- ▶ Property Acquisition of 17th/Bristol St. Lot
- ▶ Central Plant (Design)
- ▶ Dunlap Hall Renovation (Design)
- ▶ Temporary Village
- ▶ Parking Lot 11 & Site Improvements





PROJECT UPDATE SANTA ANA COLLEGE CHAVEZ HALL RENOVATION

Project Summary:

- ▶ Repairs to the roof, exterior walls, windows, parapet and restoration of interior and exterior finishes.

Current Status:

- ▶ RFP for geotechnical services underway.
- ▶ Multi-phase project due to significant budget shortfall.

Budget:

- ▶ \$400,000 (under review).





PROJECT UPDATE SANTA ANA COLLEGE JOHNSON RELOCATION TEMPORARY VILLAGE

Project Summary:

- ▶ Relocation of current Johnson programs into Temporary Village including reconfiguration.
- ▶ Relocation of current Building J programs into Temporary Village, demolition of Building J.
- ▶ Relocation of Quick Copy and Auto Diesel program.

Current Status:

- ▶ Currently in schematic design.
- ▶ DSA approval as Over-The-Counter project.
- ▶ Target construction February 2016 – April 2016.
- ▶ Target move into temporary village – Spring 2016.

Budget:

- ▶ \$594,600





PROJECTS

- ▶ Dunlap Hall Renovation
- ▶ Central Plant & Infrastructure
- ▶ Johnson Student Center
- ▶ Science, Technology, Engineering and Mathematics (STEM) Building
- ▶ Health Sciences Building
- ▶ 17th & Bristol Street Parking Lot



PROJECT UPDATE SANTA ANA COLLEGE DUNLAP HALL RENOVATION

Project Summary:

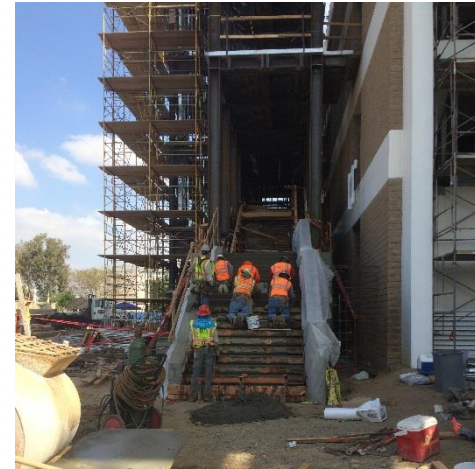
- ▶ Renovate and replace the aging guard rails around the pedestrian walkways on all levels of Dunlap Hall, as well as, providing a new elevator and stair tower.
- ▶ Remodel the existing restrooms.

Current Status:

- ▶ Construction began in April 2014 with a target completion expected at the end of September 2015.
- ▶ Current activities include installation of ornamental panels on stainless steel guardrails, exterior and interior painting with anti-graffiti coating, and ceiling framing.
- ▶ This project is delayed due to delays on fabrication of structural steel and discovery of unforeseen roof leaks.
- ▶ The roof will need to be replaced following the renovation of work and completed under another contract for work.
- ▶ RFP for Architectural Services for the roofing project including coordination with wireless facilities underway.
- ▶ Target re-occupancy January 2016 for Spring semester 2016.

Budget:

- ▶ \$17.22 million





PROJECT UPDATE SANTA ANA COLLEGE CENTRAL PLANT AND INFRASTRUCTURE

Project Summary:

- ▶ Construction of a new Central Plant Building.
- ▶ Phase 1: utility replacement, Phase 2: central plant and Phase 3: mechanical upgrades to 8 buildings and includes a new central cooling plant, underground chilled water piping loop, upgrading existing gas, domestic water lines, sewer, drainage and fire water systems.
- ▶ Includes HVAC system conversion for 8 existing buildings to be connected to the new Central Cooling Plant, including a new campus wide energy management system (EMS).
- ▶ Includes 10 DSA plan submittals.
- ▶ The central plant building will be designed to meet LEED Silver certification.

Budget:

- ▶ \$68.17 million



Current Status:

- ▶ Project is in design.
- ▶ Nine submittals have been approved by DSA, one more is pending approval.
- ▶ Preliminary estimate, work plan and schedule presentation to the District April 22, 2015.
- ▶ Reviewing potential interim housing needs.
- ▶ Target construction: Sept. 2015 (Board approval anticipated).



PROJECT UPDATE SANTA ANA COLLEGE CENTRAL PLANT AND INFRASTRUCTURE

Fountain/Trellis/Centennial Circle





PROJECT UPDATE SANTA ANA COLLEGE JOHNSON STUDENT CENTER

Project Summary:

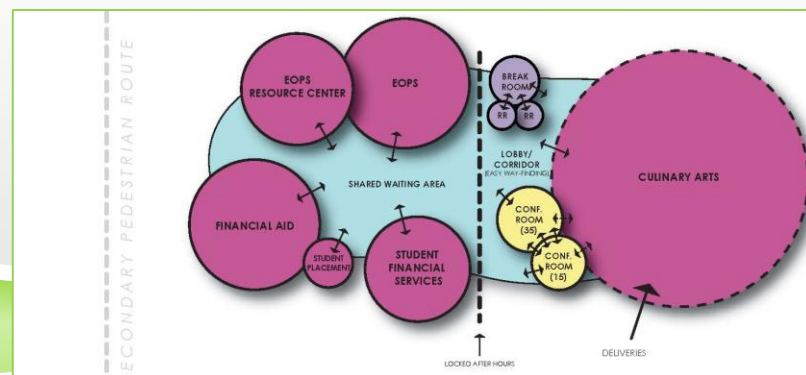
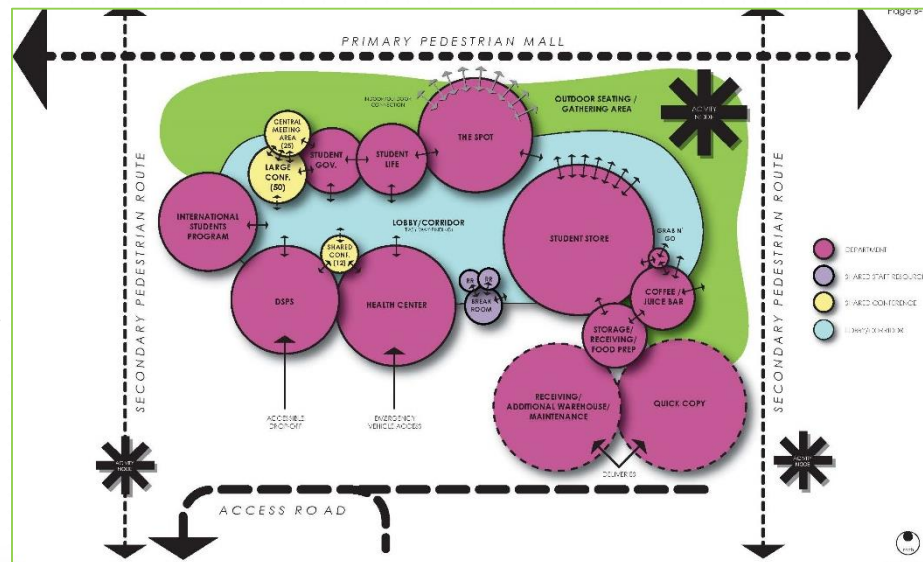
- ▶ Construction of a new Johnson Student Center.
- ▶ The old bookstore annex and the Johnson Center Building will be demolished.

Current Status:

- ▶ Project is in program confirmation phase and HPI Architects continues with user group meetings.
- ▶ Development of a draft program document underway.
- ▶ Programming phase behind schedule, anticipated completion late April 2015.
- ▶ Target relocation into interim housing in spring 2016.
- ▶ Decommission building in spring/summer 2016.
- ▶ Target demolition start in summer 2016 – winter 2016.
- ▶ DSA approval target spring 2017.
- ▶ Target new construction start in summer/fall 2017. (under review)

Budget:

- ▶ \$28.49 million (under review).





CAMPUS PARTICIPATION SANTA ANA COLLEGE JOHNSON STUDENT CENTER

PROJECT PROCESS





PROJECT UPDATE SANTA ANA COLLEGE STEM BUILDING

Project Summary:

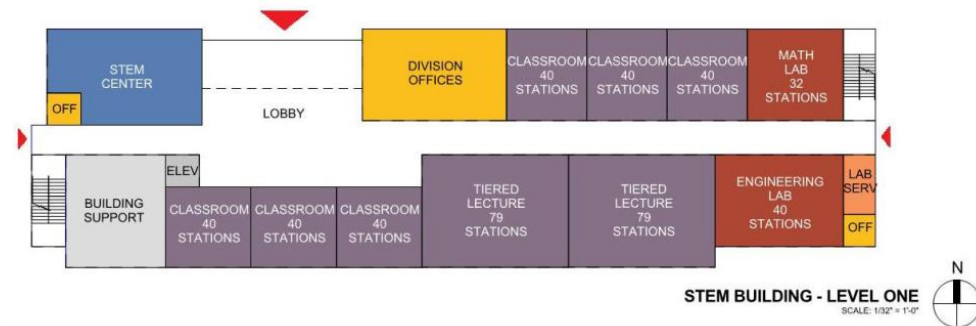
- ▶ Construction of a new 63,100 square foot science and math complex housing modern laboratories, classrooms, lecture halls, and faculty offices.

Current Status:

- ▶ HGA Architects is in the programming phase and continuing meetings with user groups.
- ▶ Programming phase behind schedule, anticipated completion April/May 2015.
- ▶ Demolition activities target start summer 2016 (under review).
- ▶ DSA approval target – TBD (under review).
- ▶ Target construction start – TBD (under review).

Budget:

- ▶ \$62.94 million (under review)





CAMPUS PARTICIPATION SANTA ANA COLLEGE STEM BUILDING

CYCLE OF MEETINGS

PROGRAM CONFIRMATION	SCHEMATIC DESIGN	DESIGN DEVELOPMENT	CONSTRUCTION DOCUMENTS	CONSTRUCTION	MOVE-IN
Project Kick Off / Vision Meeting	Alternatives: Space / Building Plans, Site Plan, Character	Fixtures, Furnishings and Equipment Review	Architectural & Engineering Documents and Specifications	Contractor Pre-qualification	Furnishings
User Group Meetings	Review Alternatives	Refinement of Plans / Building Exterior / Site Plan	Finalizing FF&E Documents	Bidding	Equipment Set Up
Program Documenta- tion / Reconcilaition	Refine Selected Alternative	Engineering Documents	User Group Reviews for Specialty Spaces	Award	Completion of Data Systems
Program Review / Space Diagrams	Conceptual Engineering Design	Finalize Project Character	Cost Estimating @ 60% & 100% CDs	Construction	Startup
Program Refinement / Reconciliation	User Group Reviews/ Discussion / Sign-Off	User Group Reviews/ Discussion / Sign-Off	Oversight Reviews	Inspection	Move-In
Building Massing Study	Final Schematic Documents	Cost Estimating	Agency Approvals	Acceptance of Project	
Site Analysis	Cost Estimating	Oversight Reviews	Project Prepared for Bidding		
Cost Analysis	Oversight Reviews	Design Development Approval			
Final Program Approved	Schematic Design Approval				





PROJECT UPDATE SANTA ANA COLLEGE HEALTH SCIENCES BUILDING

Project Summary:

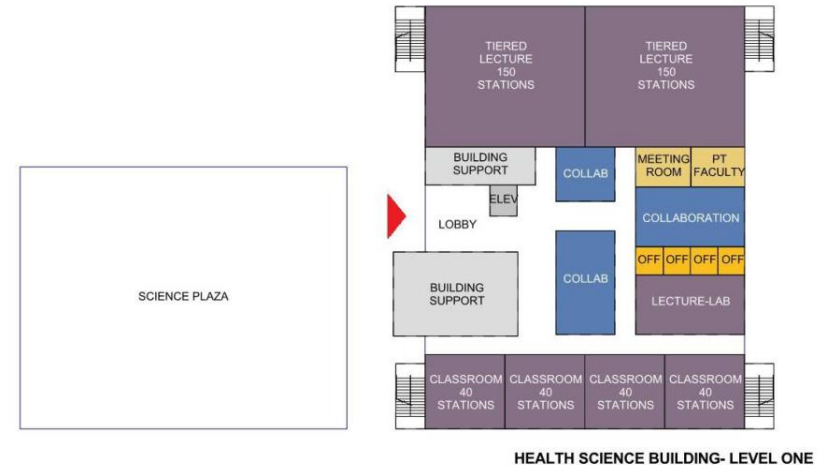
- Construction of a 55,138 square feet facility to allow for the consolidation and growth of the Health Sciences Programs including Nursing, Occupational Therapy Assistant, Medical Assistant, Emergency Medical Technician and Pharmacy Technology.

Current Status:

- This project has been submitted to the state for future funding.
- Programming to be concurrent with the programming of the STEM project.
- Design and construction start TBD.

Budget:

- \$19.52 million (under review).
- Need additional funds to start construction.





PROJECT UPDATE SANTA ANA COLLEGE PARKING LOT AT 17TH/BRISTOL ST.

Project Summary:

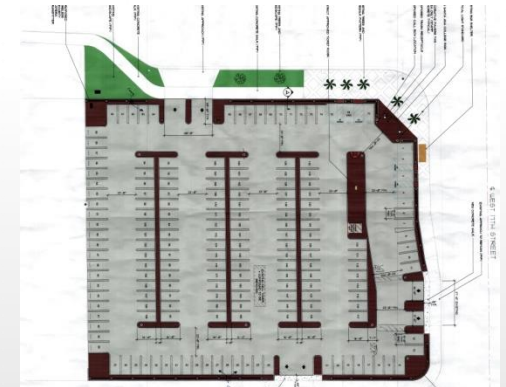
- ▶ New surface parking lot.

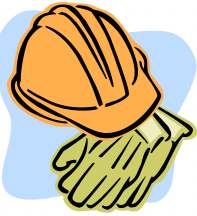
Current Status:

- ▶ The project is in design development phase.
- ▶ Design document to be reviewed by District prior to submitting to DSA.
- ▶ Parking lot to be utilized for contractor worker parking for Dunlap Hall renovation and Central Plant project on an interim basis.
- ▶ Start of construction – TBD.

Budget:

- ▶ \$1.65 million
- ▶ Acquisition of property was paid by Measure E funds.





ACTIVE PROJECTS SCHEDULED MAINTENANCE

Chavez Hall Roof Repairs

Project Summary:

- ▶ Roof repairs to Chavez Hall.

Current Status:

- ▶ Mandatory job walk April 7, 2015.
- ▶ Bids due April 21, 2015.
- ▶ Target start date summer 2015.

Budget:

- ▶ \$440,000

Chavez Hall Window Repairs

Project Summary:

- ▶ Replacement of window caulking at Chavez Hall.

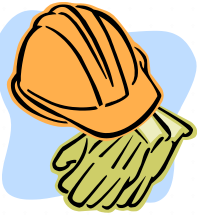
Current Status:

- ▶ Mandatory job walk April 20, 2015.
- ▶ Bids due May 5, 2015.
- ▶ Target start date summer 2015.

Budget:

- ▶ \$239,950

Note: All Scheduled Maintenance and Capital Facilities Projects are under review due to State deadlines for spending down the State Allocation 2015. Santa Ana College's State Allocation for 2015 is \$1,872,322.



ACTIVE PROJECTS SCHEDULED MAINTENANCE

Building H Painting, Louvers Removal and Screen Replacement

Project Summary:

- ▶ Painting of Building H, louvers removal and installation of new screen rollershades.

Current Status:

- ▶ Bid scheduled for rejection by Board of Trustees on April 27, 2015.

Budget:

- ▶ \$199,140.00

Building C, N, P, & R Roof Repairs

Project Summary:

- ▶ Roof repairs to buildings C, N, P, & R

Current Status:

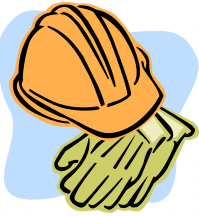
- ▶ Delayed due to rain activities.
- ▶ Application of finish coating system ongoing.
- ▶ Punch list corrections scheduled late April.

Budget:

- ▶ \$1.11 M

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ACTIVE PROJECTS SCHEDULED MAINTENANCE

Building E, L, T & R Exterior Painting

Project Summary:

- ▶ Re-painting of exterior surfaces of the buildings, including anti-graffiti coating for exposed CMU posts and brick locations.

Current Status:

- ▶ Mandatory job walk April 1, 2015.
- ▶ Bids were due on April 14, 2015.
- ▶ Bids are under review.
- ▶ Target start date summer 2015.

Budget:

- ▶ \$150,000

Dunlap Hall Roof Repairs

Project Summary:

- ▶ Repairs to roof at Dunlap Hall.

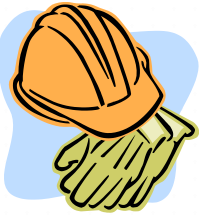
Current Status:

- ▶ Developing scope and final budget.
- ▶ Project to be funded by Scheduled Maintenance and Capital Facilities Fund.
- ▶ Target start date September 2015.

Budget:

- ▶ \$455,500

Note: All Scheduled Maintenance and Capital Facilities Projects are under review due to State deadlines for spending down the State Allocation 2015. Santa Ana College's State Allocation for 2015 is \$1,872,322.



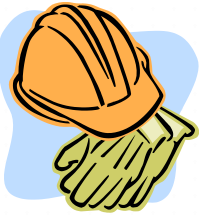
ACTIVE PROJECTS OTHER

Santa Ana College

- ▶ Door Hardware Upgrade
- ▶ Dunlap Hall Roof Repairs (part Scheduled Maintenance Funds)
- ▶ Buildings J, R, T Plumbing Fixtures
- ▶ CEC Parking Lot Slurry and Re-striping
- ▶ Bristol Street Paver Replacement
- ▶ Orange County Sheriff's Regional Training Academy Site Wall/Improvement

Note: All Scheduled Maintenance and Capital Facilities Projects are under review due to State deadlines for spending down the State Allocation 2015. Santa Ana College's State Allocation for 2015 is \$1,872,322.





ACTIVE PROJECTS OTHER

Door Hardware Upgrade

Project Summary:

- ▶ To retrofit door hardware across the campus.
- ▶ This work will be phased over the next several years.

Current Status:

- ▶ Work is ongoing.

Budget:

- ▶ \$184,318

Dunlap Hall Roof Repairs

Project Summary:

- ▶ Repairs to roof at Dunlap Hall.

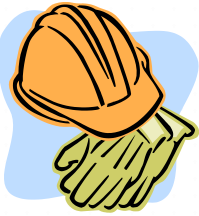
Current Status:

- ▶ Developing scope and final budget.
- ▶ Project to be funded by Scheduled Maintenance and Capital Facilities Fund.
- ▶ Target start date September 2015.

Budget:

- ▶ \$455,000

Note: All Scheduled Maintenance and Capital Facilities Projects are under review due to State deadlines for spending down the State Allocation 2015. Santa Ana College's State Allocation for 2015 is \$1,872,322.



ACTIVE PROJECTS OTHER

Building J, R, T Plumbing Fixtures

Project Summary:

- Replacement of aged and failing plumbing fixtures in restrooms and labs.

Current Status:

- Scope and bid documents have been completed.
- Project is on hold due ADA challenges and DSA submittal requirements.
- Target start date TBD.

Budget:

- \$137,822

CEC Parking Lot Slurry and Re-Stripe

Project Summary:

- Repairs to parking lot, restoration and re-striping.

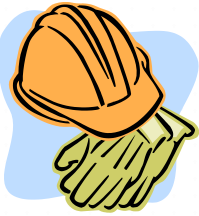
Current Status:

- City did not authorize District to proceed. City plans to do patching and striping work during Spring Break since City is responsible for maintenance of the parking lots.
- Bid rejection was placed on hold by Board of Trustees.

Budget:

- \$204,977

Note: All Scheduled Maintenance and Capital Facilities Projects are under review due to State deadlines for spending down the State Allocation 2015. Santa Ana College's State Allocation for 2015 is \$1,872,322.



ACTIVE PROJECTS OTHER

Bristol Street Paver Replacement

Project Summary:

- ▶ Replace damaged unit pavers at the campus entry along Bristol Street.

Current Status:

- ▶ Demolition of existing pavers and placement of new concrete entrance was completed during Spring Break 2015.

Budget:

- ▶ \$33,000

Orange County Sheriff's Regional Training Academy Site Wall/Improvement

Project Summary:

- ▶ New block wall to screen training area from the public right-of-way.
- ▶ Temporary screening to be completed as an interim measure.

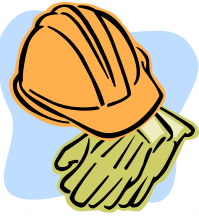
Current Status:

- ▶ Temporary screening was installed April 25, 2015.
- ▶ Architect for installation of block wall was approved by Board April 13, 2015.
- ▶ Design kick-off meeting to be scheduled.

Budget:

- ▶ \$420,000

Note: All Scheduled Maintenance and Capital Facilities Projects are under review due to State deadlines for spending down the State Allocation 2015. Santa Ana College's State Allocation for 2015 is \$1,872,322.



COMPLETED SCHEDULED MAINTENANCE & OTHER PROJECTS

Santa Ana College

- ▶ Building H Roof Repairs
- ▶ Building L Roof Repairs
- ▶ Building U Skylights Replacement
- ▶ Football Field Reconditioning
- ▶ Gymnasium Scoreboard
- ▶ Parking Lots 1-5 Slurry and Re-striping
- ▶ Year 1 Prop 39 LED Lighting Upgrade



SUMMARY PROP 39 PROJECTS

Year One

- ▶ SCC – Science Center Building Retro-commissioning
- ▶ SAC – LED Lighting Upgrade

TOTAL YEAR ONE

Total Project Budgets

\$ 618,500

\$1,083,000

\$1,701,500

Year Two

- ▶ SCC – LED Lighting Upgrade
- ▶ DO – LED Lighting Upgrade

TOTAL YEAR TWO

\$ 876,857

\$ 162,319

\$1,039,176

Prop 39 State Funding Allocations

Year One

\$1,017,539

Year Two

\$ 816,070

Estimated Utility Rebates

Actual Utility Rebates

Year One \$284,960

\$321,085.88

Year Two \$215,000

ongoing



YEAR THREE PROP 39 PROJECTS

Project Summary:

- ▶ LED lighting conversion at the Sheriff Regional Training Center
- ▶ LED lighting conversion at the Digital Media Center
- ▶ Chiller replacement at Santiago Canyon College

Current Status:

- ▶ In planning

Budget:

- ▶ Under review



**Santiago
Canyon
College**



**SANTA ANA
COLLEGE**



QUESTIONS

