



# **Santa Ana College**

## **Facilities Meeting**

**February 16, 2016**



SAC Facilities Committee  
February 16, 2016  
1:30p.m. – 3:00p.m.  
SAC Foundation Board Room, S-215

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***THE FACILITIES COMMITTEE** is the participatory governance committee responsible for identifying and prioritizing capital projects including scheduled maintenance projects. It serves as an information and exchange body on facilities projects that are in construction or that are being planned.*

*Santa Ana College Participatory Governance Structure Handbook (May 27, 2015)*

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### **Agenda**

1. Welcome and Introductions
  2. Public Comments
  3. Approval of Minutes – October 20, 2015 ACTION
  4. Project Updates- Carri Matsumoto/ Darryl Taylor/ Matt Schoeneman INFORMATION
    - Science Center Project
    - Bond Projects Update
    - SAC Active Project Update
    - Scheduled Maintenance Projects
  5. Standing Reports (5mins.) INFORMATION
    - HEPSS Task Force
    - Facilities Report – Mark Wheeler
    - Environmental Task Force
  6. Old Business
    - Key update – Doors ability to lock from the inside.
  7. New Business INFORMATION
    - 15/16 Committee Goals
  8. Accreditation
  9. Other
- Next Meeting - Tuesday, March 15, 2016

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*The mission of Santa Ana College is to be a leader and partner in meeting the intellectual, cultural, technological, workforce and economic development needs of our diverse community. Santa Ana College prepares students for transfer, employment, careers and lifelong intellectual pursuit in a dynamic learning environment.*

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**SAC FACILITIES MEETING  
MINUTES – OCTOBER 20, 2015  
1:30P.M. – 3:00P.M.**

Draft for Approval

The mission of Santa Ana College is to be a leader and partner in meeting the intellectual, cultural, technological and workforce development needs of our diverse community. Santa Ana College provides access and equity in a dynamic learning environment that prepares students for transfer, careers and lifelong intellectual pursuits in a global community.

Administrators		Academic Senate		CSEA	
Michael Collins, Co-chair(a)	Rhonda Langston	Dietrich Kanzler(a)	Susan Sherod	Mike Ediss(a)	MikeTurrentine(a)
Sherry DeRosa(a)	Christine Leon(a)	Brian Kehlenbach, Co-chair	Valinda Tivenan(a)	Sarah Salas	Maria Taylor(a)
Bart Hoffman	Mark Wheeler	George Moore	John Zarske	District Liaison	
Nilo Lipiz(a)				Carri Matsumoto	
Eve Kikawa				Darryl Taylor	
Guests				Campus Safety & Security	
Elloitt Jones	Ron Jones			Mike Colver	
Matt Schoeneman	Heller Sanchez			ASG Representative	
				Stacy Palencia	
1. WELCOME AND INTRODUCTIONS					
		Self-Introductions were made.		Meeting called to order – 1:34p.m. Adjourned at 2:34p.m.	
2. PUBLIC COMMENTS					
		There were no public comments.			
3. MINUTES		DISCUSSION/COMMENTS		ACTIONS/ FOLLOW UPS	
		The September 15, 2015 meeting minutes were presented for approval.		ACTION Motion was moved by G. Moore to approve the September 15, 2015 Facilities committee minutes as presented. 2 <sup>nd</sup> – Lt. Mike Colver The motion was carried with one abstention.	
4. PROJECT UPDATES		DISCUSSION/COMMENTS		ACTIONS/ FOLLOW UPS	
		The membership was provided with an overview of the Measure Q projects as well as Active Projects (see attached). Additional comments as noted:  Chavez Hall <ul style="list-style-type: none"><li>The district continues to investigate the cause of the exterior moisture issue in the building.</li><li>Preliminary data has shown that there is evidence of humidity across the entire slab of the building.</li></ul>			

PROJECT UPDATES	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
	<ul style="list-style-type: none"> <li>• Plumbing, sewer and video camera surveys have been conducted to determine that there are no leaks.</li> <li>• Environmental air quality testing has also been conducted in the building to assure the occupants that there is no other issue with air quality.</li> <li>• It was noted that issue cannot be eliminated and the district is looking for ways to remediate it by reducing the humidity level.</li> <li>• Once the humidity issue is resolved, work will begin on the interior of the building, walls, flooring, etc.</li> <li>• More data should be available in December once the test pilot is complete.</li> <li>• The committee will be updated. Accordingly.</li> </ul> <p><b>Temporary Village</b> This project is regarding the modification to the Village in preparation for the Johnson occupants.</p> <ul style="list-style-type: none"> <li>• User group meeting have been completed.</li> <li>• Project is getting ready to go into DSA.</li> </ul> <p><b>Dunlap Hall</b></p> <ul style="list-style-type: none"> <li>• The project is wrapping up.</li> <li>• The roof replacement and the installation of all media equipment is targeted to be completed before the building is re-occupied in the spring.</li> <li>• All overhead projectors need DSA approval which required an engineer and architect to be sure the mounts were done according to DSA specifications.</li> </ul> <p>It was noted that Campus Safety has been receiving call from the emergency elevator phone. Members were advised that D-4 and District IT will be meeting in an attempt to resolve the matter.</p> <p><b>Central Plant and Infrastructure Phasing</b></p> <ul style="list-style-type: none"> <li>• Biggest project in Measure Q.</li> <li>• Project awarded to McCarthy.</li> <li>• McCarthy behind on getting fencing contractors procured.</li> <li>• Temporary fencing will go up next week around Central Plant location and McCarthy trailer.</li> </ul> <p>Members were provided with an overall summary that outlined the phases of work and location. More detail by phase, fencing plan and dates will be provided.</p> <p>McCarthy has been asked to provide a chronological sequencing video. This will allow the multiple areas of work to be viewed at any time. This video is due before Thanksgiving.</p> <p>Ms. Matsumoto shared the construction communication stream flow process between the district and the college. This project will present more challenges in that area due to the multiple areas of work at one time. She is working with McCarthy in developing a sequencing phase approach that can provide more detail to the campus.</p> <ul style="list-style-type: none"> <li>• The animated phasing is a great communication tool to be able to communicate to our entire college community, faculty, staff, and student groups.</li> </ul>	



PROJECT UPDATES	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
	<ul style="list-style-type: none"> <li>Members were asked that as they share this phasing overview with their respective constituencies to please bring forward any potential issues that are identified.               <ul style="list-style-type: none"> <li>The more information available will be help in minimizing any impacts to the events on campus.</li> <li>Concerns can be forwarded to Dr. Collins.</li> </ul> </li> </ul> <p>An overview of the temporary fencing around Dunlap Hall was provided to the members. The current fencing will remain for security reasons until the re-occupancy for the spring semester at which time 2/3 of the fencing will be removed. There will be access to the north/south elevators, stairs and paved walkway. In addition, members were also advised on the rationale for having the fence line pushed out into Lot 7. Specifically this measure will allow for construction to continue along with unimpacted access. It provides a separation between the construction and the college community.</p> <p>Members were advised of the Central Plant Groundbreaking on November 3 at noon. Location of the event is still being determined.</p> <p><b><u>Science Center Project</u></b></p> <p>It was noted that the demolition of the J buildings and the relocation of Quick Copy Center and Maintenance Storage has been put back into this project. Members were advised that relocation schedule of the J bldgs. has not been developed or have the re-location areas been identified. This demolition will need to be completed before starting construction for the new science center.</p> <p>It was also noted that initially a portion of the J Bldg. was to be demoed in conjunction with the Johnson Center however that is no longer the plan at this time.</p> <p><b><u>Parking Lot at 17<sup>th</sup> &amp; Bristol</u></b></p> <ul style="list-style-type: none"> <li>Project running behind schedule</li> <li>Not sure if the city will require the district to go through off site approvals for connection of storm drains.</li> <li>More updates as available.</li> </ul> <p>O.C. Sheriff's Academy Correction noted:</p> <ul style="list-style-type: none"> <li>Anticipated bid date in March</li> <li>Anticipated construction date in May</li> </ul> <p><b><u>Door Hardware Upgrade</u></b></p> <p>There was an inquiry regarding the timing of the Door Hardware project. It was noted that new core requests have been submitted for E, C, N, P, and D. Once the cores are received the installation will begin. Dunlap Hall should be ready for the re-occupancy of the building. Once those are complete the work will follow for the remainder of the buildings per the schedule. Mark Wheeler advised that he is working closely with the locksmith consultant to expedite the process of providing keys to faculty and staff.</p> <ul style="list-style-type: none"> <li>The importance of making sure the new process is efficient was noted thus eliminating the amount of keys carried by one person.</li> </ul>	

PROJECT UPDATES	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
	<p>A concern was raised regarding the lack of available keys when keys are not returned at the end of the semester and the problem it presents.</p> <ul style="list-style-type: none"> <li>Members were advised that a policy will be established to help alleviate this issue.</li> </ul> <p>There was an inquiry if the new key system will allow for the doors to be locked from the inside. It was noted that this issue is being discussed.</p> <p>Members were advised that the district has been asked to look into the feasibility of solar projects for district sites. Potential locations for solar projects are being assessed. Nothing has moved forward in that area at this point.</p> <p><b><u>Year III, Prop. 39 Projects</u></b></p> <p>Members were advised that the Year IV projects are in the process of being planned. Due to some monies that need to be spent down from Year III, the district is looking to change out lighting in additional buildings at SAC.</p> <p>It was noted that the LED conversion has resulted in a decrease in usage however, expenditures continue to escalate due to increase in electricity rates. Additionally, the members were advised that the college is no longer on the “peak usage” demand pricing.</p> <p>There was a concern brought forward regarding the temperature in the Math Center. The M&amp;O team is working on a solution to remedy the issue.</p>	<p><b>FOLLOW UPS</b></p> <p>Mark Wheeler will research this issue with the consultant and report back.</p>
<b>5. Standing Reports</b>	<b>DISCUSSION/COMMENTS</b>	<b>ACTIONS/ FOLLOW UPS</b>
HEPSS (Health, Emergency Preparedness, Safety and Security) Task Force	No report.	
Facilities Report	<p>The SAC Facilities Report was presented to the committee for review (see attached).</p> <p>It was noted that the PIN access locks resulted from an increased number of non-SAC students using the locker rooms for non-SAC instructional purposes. Due to the fact that some of our students are minors, it was necessary to control access only to students, staff and faculty.</p>	
Environmental Task Force	<p>The following was reported:</p> <ul style="list-style-type: none"> <li>The ENGR/CAPES Club is still inventorying aerators. A building has 3.7 gpm, and can improve it to as low as .5 gpm. Students are happy to install the aerators if they are available.</li> <li>ENGR Dept. continues to add energy courses. Approved at division level are three new courses, Renewable, BAS, Green HVAC.</li> <li>Funding opportunities are being pursued from the Energy &amp; Utilities Regional Consortia to update A225 lab. <ul style="list-style-type: none"> <li>This money will help with new equipment.</li> <li>\$130,000 is being sought. 20k in support has been promised.</li> <li>Two letters of support have been secured. Additional letters would help, particularly from utility companies.</li> </ul> </li> </ul>	
<b>6. Old Business</b>	<b>DISCUSSION/COMMENTS</b>	<b>ACTIONS/ FOLLOW UPS</b>
	There was no old business.	

7. New Business	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
	There was no new business.	
8. Other	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
	<u>Hammond Hall Window Replacement</u> It was noted that the window replacement in Hammond Hall is still being planned.	

SUBMITTED BY Geni Lusk 11/10/2015



# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## Project Summary:

- ▶ Construction of a new 65,428 square foot science center housing modern laboratories, classrooms, lecture classrooms, and faculty offices.
- ▶ Demolition of J Buildings.

## Current Status:

- ▶ Final schematic design package has been approved by Campus and District.
- ▶ Design Development phase commenced December 2015.
- ▶ DSA approval target – September 2017.
- ▶ Target construction start – December 2017.

## Budget:

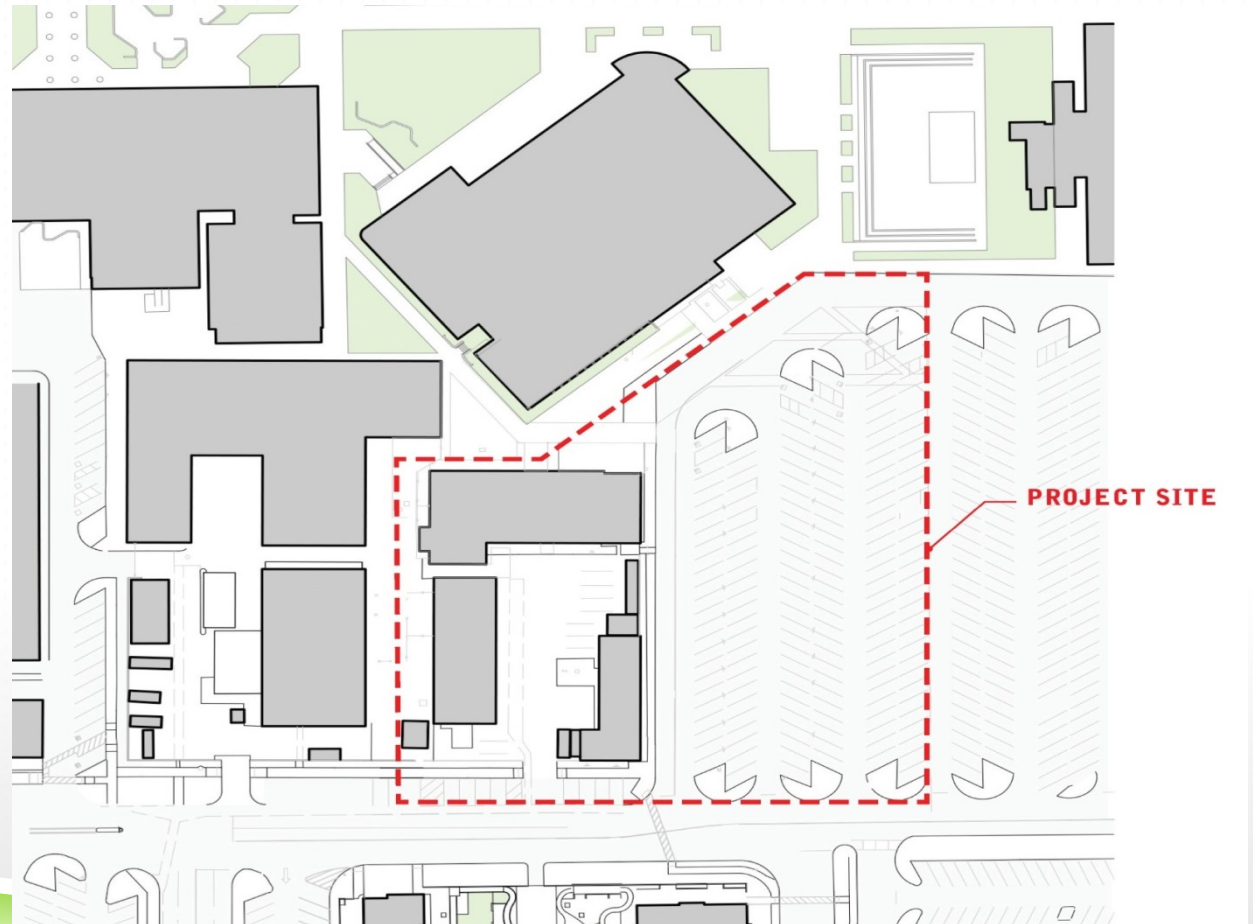
- ▶ \$73.38 million





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

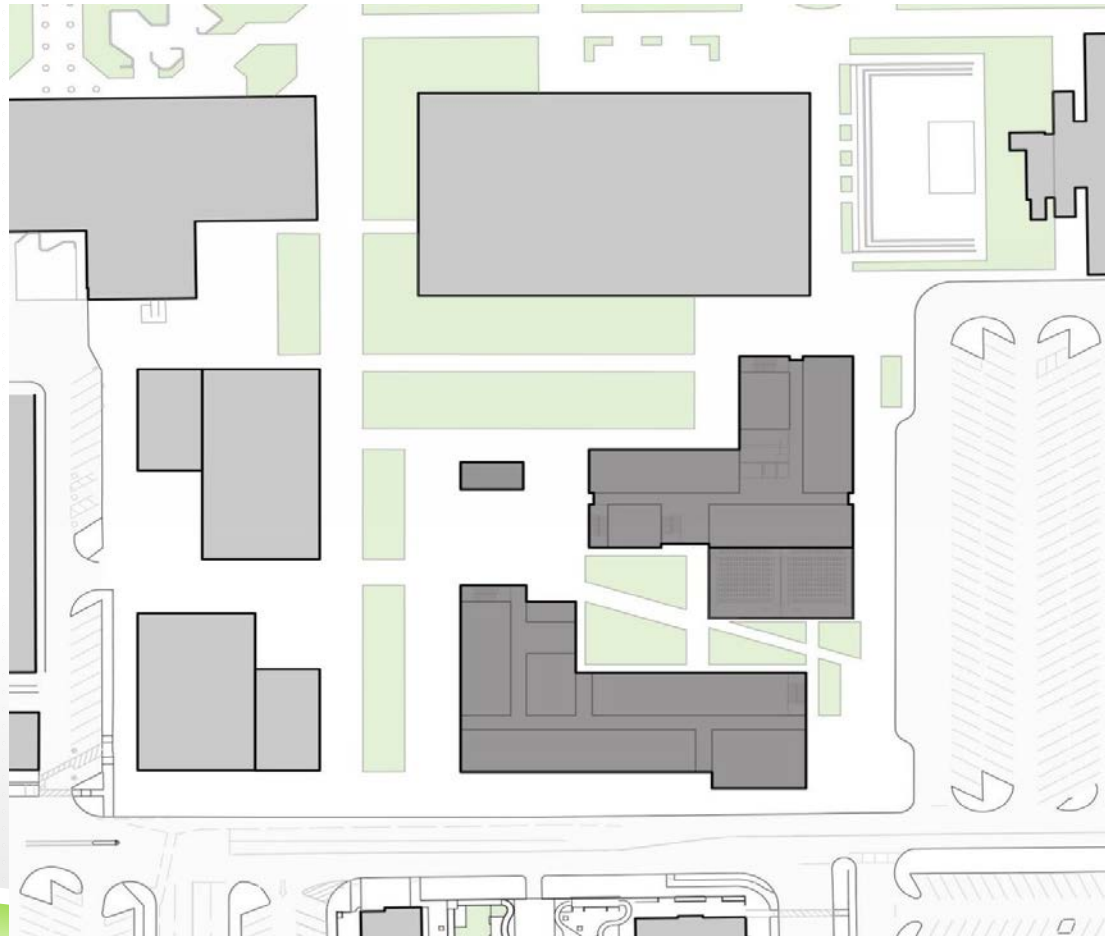
## SITE PLAN





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

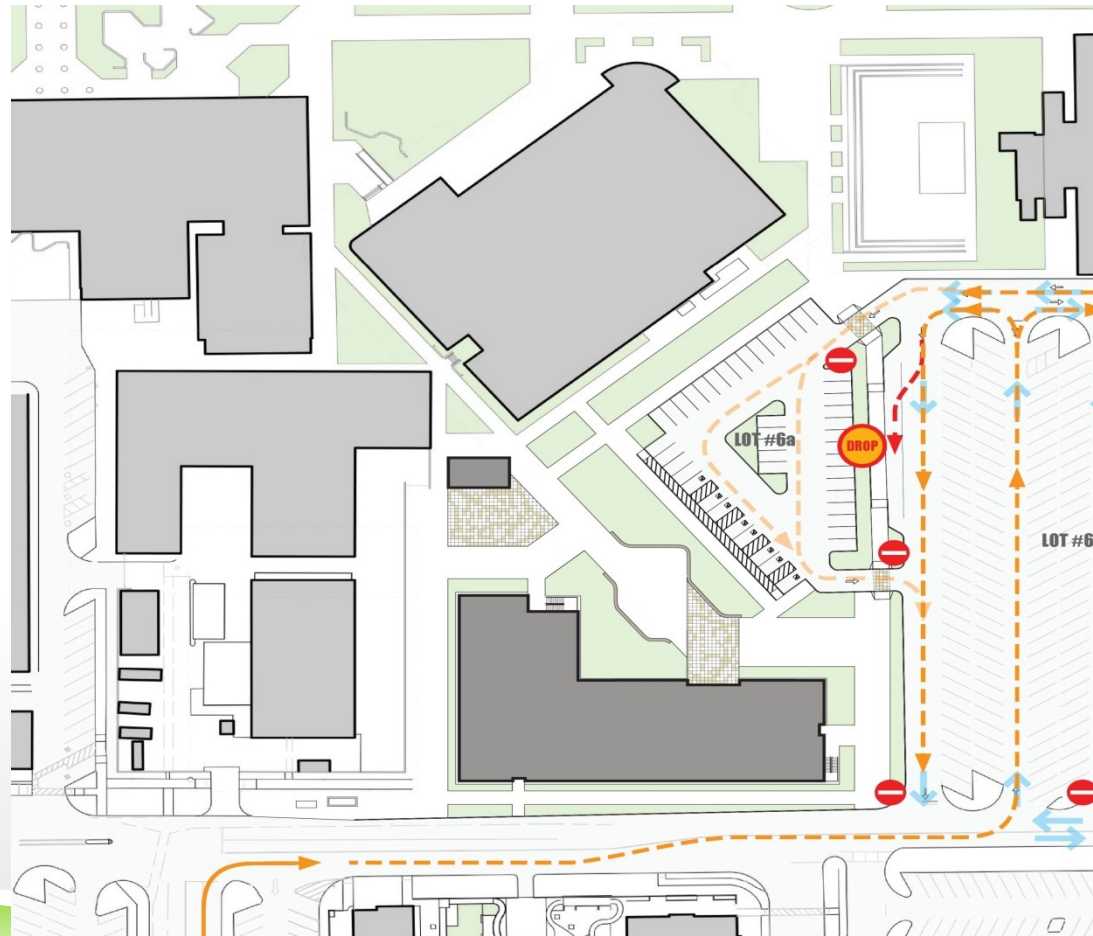
FULL MASTER PLAN  
BUILD-OUT





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## SITE CIRCULATION







# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## LANDSCAPE PLAN







# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## LEVEL I





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## LEVEL 2





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

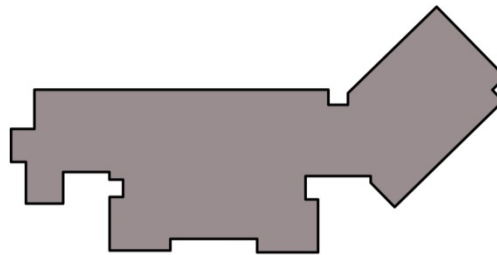
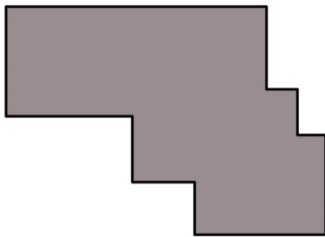
## LEVEL 3





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## BUILDING SIZE



JOHNSON STUDENT CENTER

CESAR CHAVEZ BUILDING

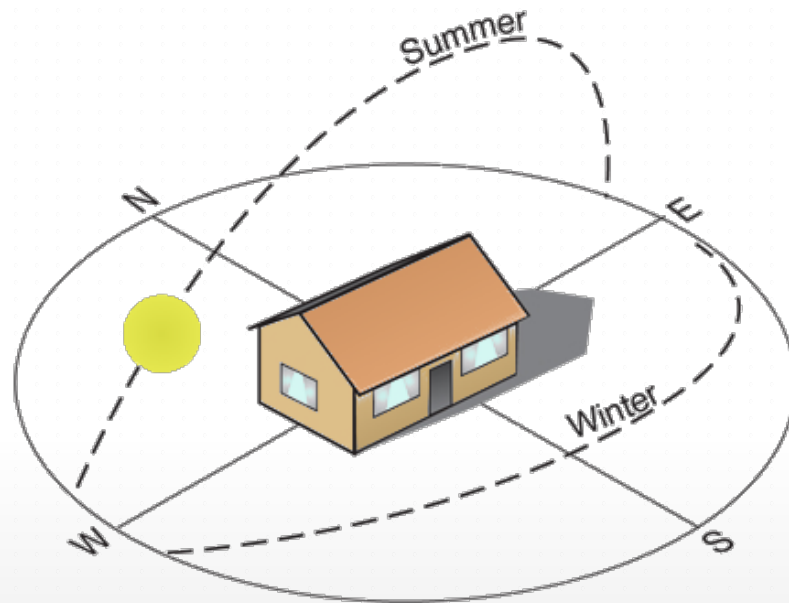
RUSSELL HALL

NEALLY LIBRARY



# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## SOLAR EXPOSURE

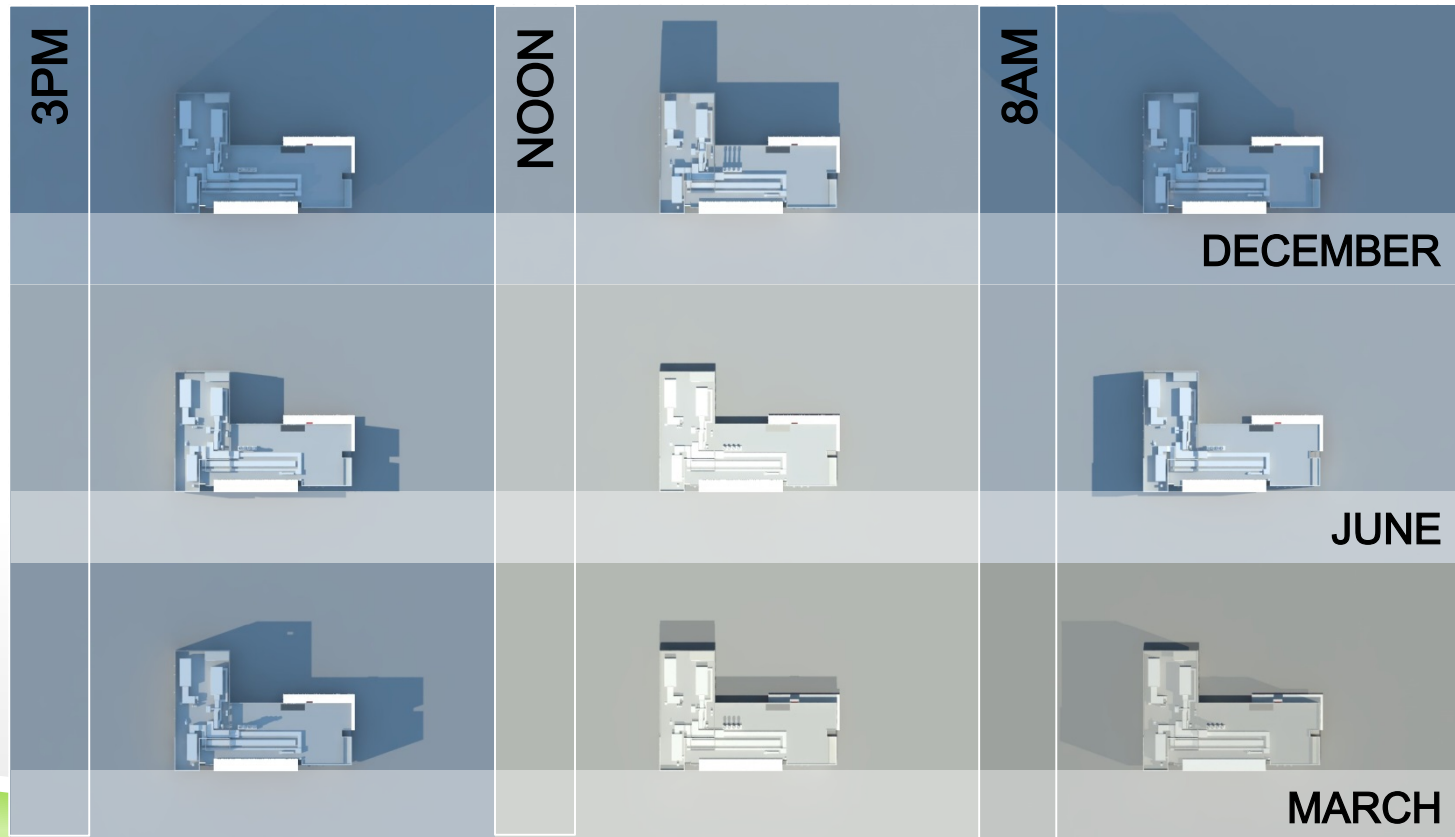


	3-D View	Section/Plan	Ideal orientation
Horizontal single blade			South
Outrigger system			South
Horizontal multiple blades			South
Vertical fin			East/West
Slanted Vertical fin			East/West
Eggcrate			East/West



# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## SOLAR EXPOSURE







# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

CAMPUS

VERNACULAR





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

CAMPUS  
VERNACULAR







# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

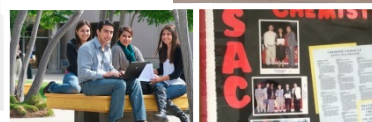
## CAMPUS VERNACULAR





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## COLLEGE PRIDE

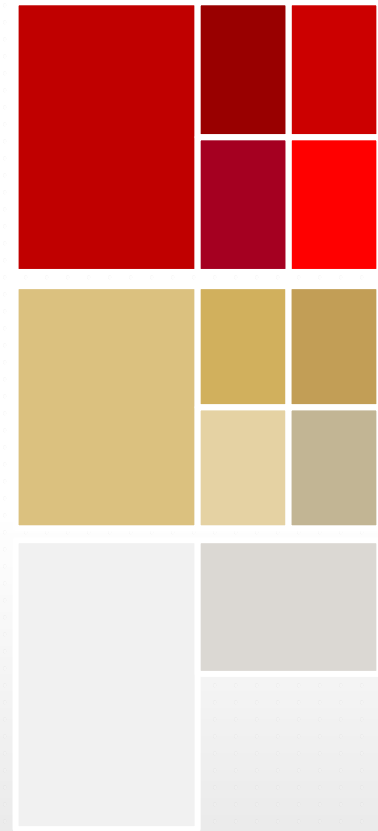






# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## CAMPUS VERNACULAR





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## NORTH APPROACH





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## NORTH APPROACH

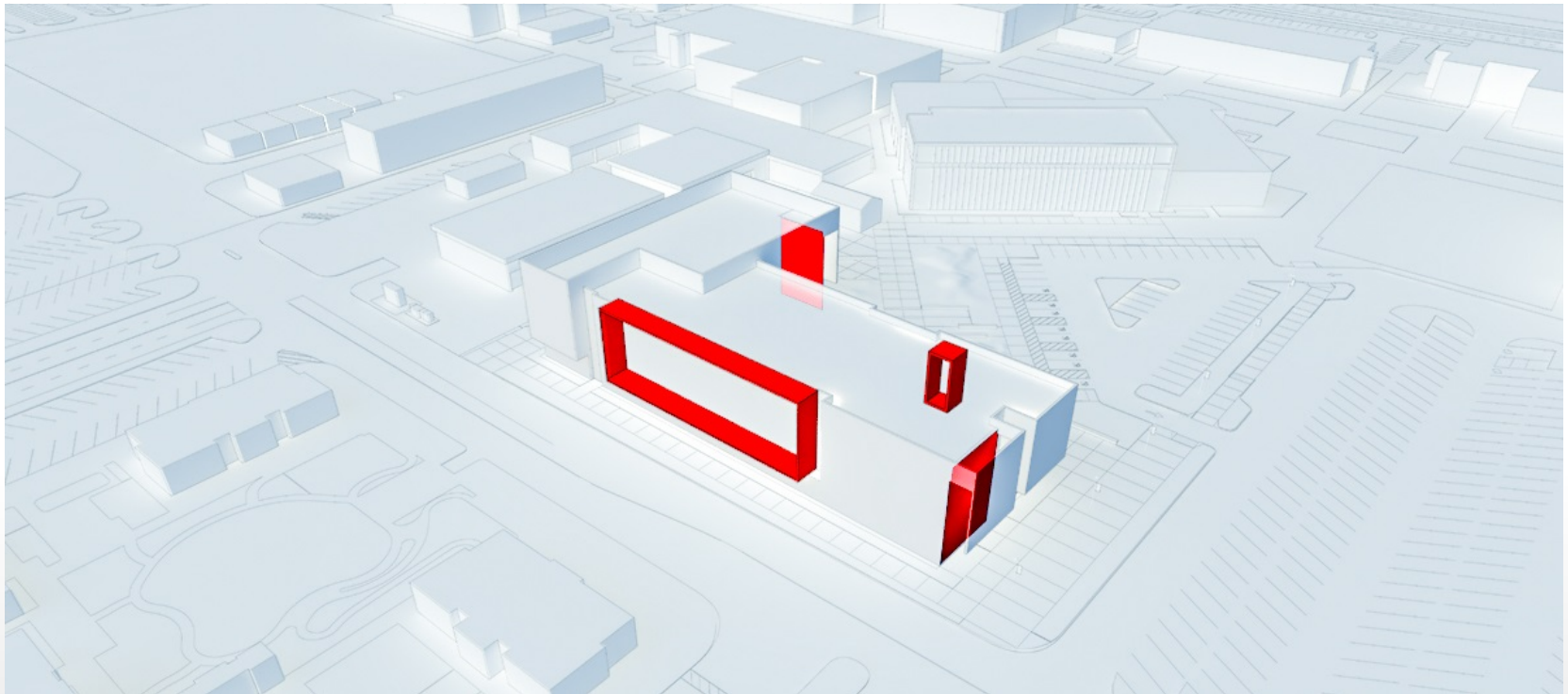






# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## CONCEPT





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

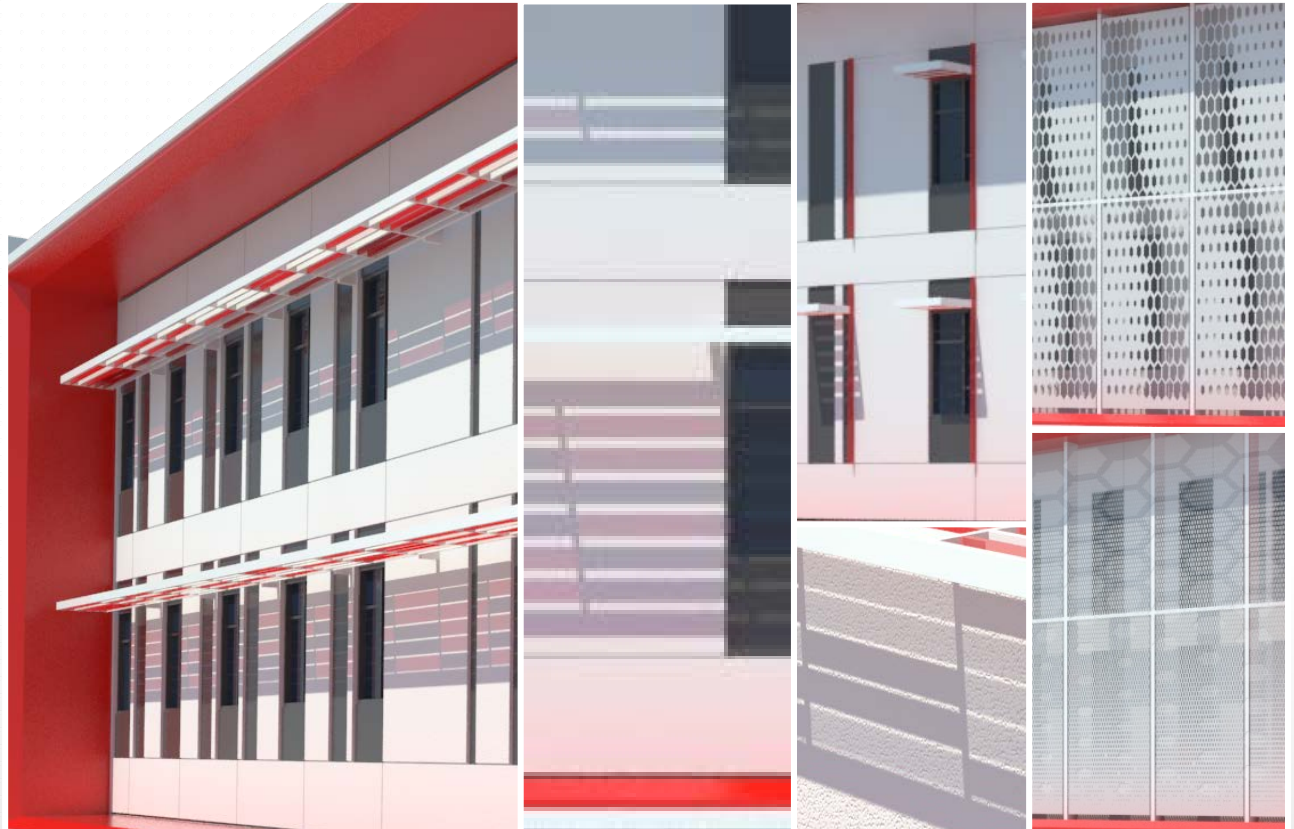
## AERIAL





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## SOLAR EXPOSURE

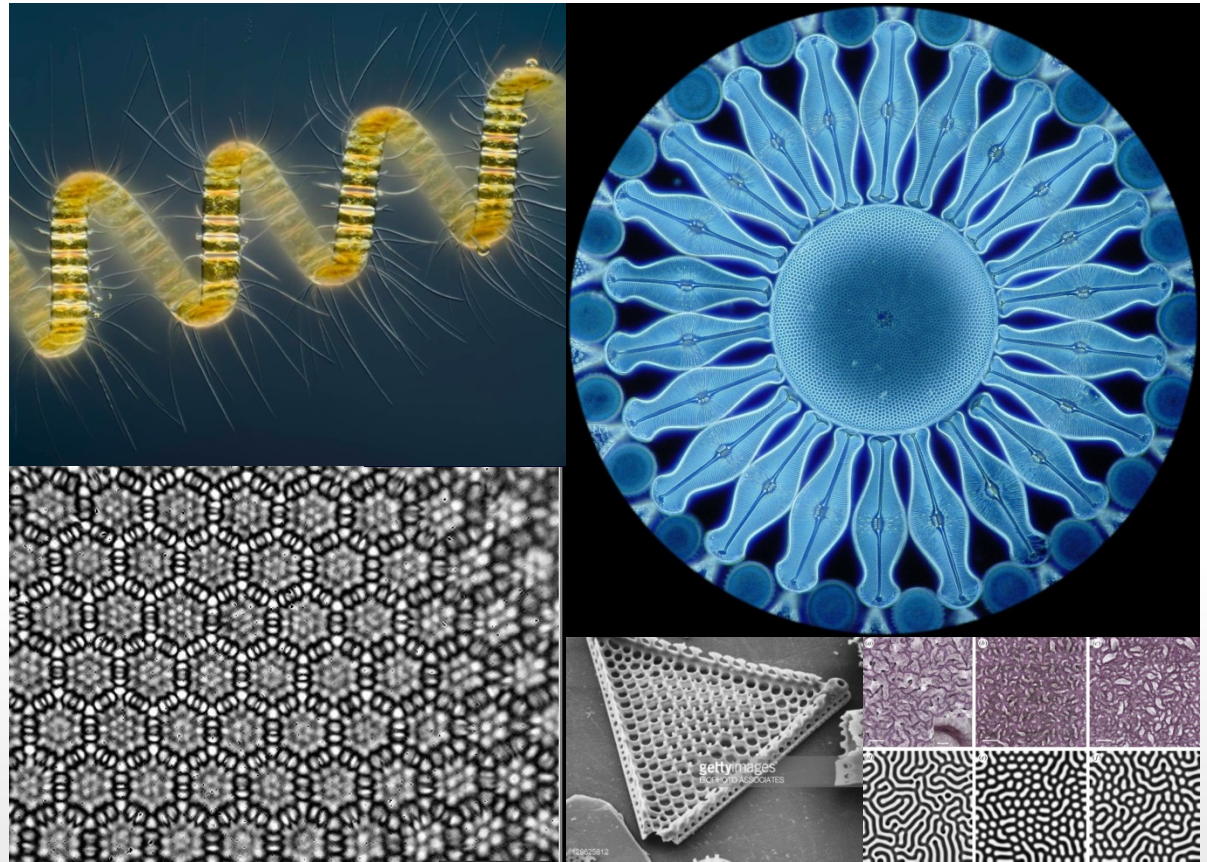






# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## SCIENCE ON DISPLAY





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## SOUTH APPROACH







# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

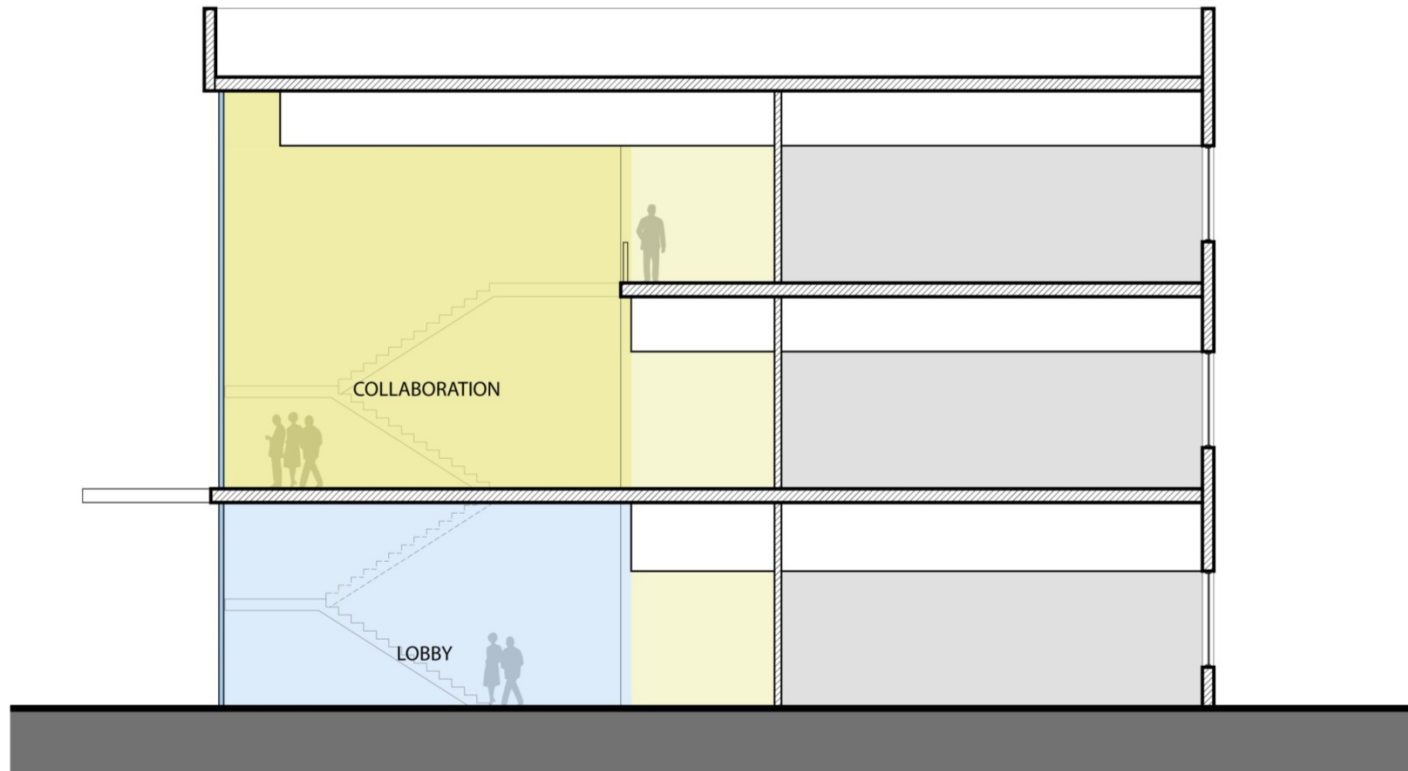
## NORTH/SOUTH AXIS





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## COLLABORATION





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## MAIN COLLABORATION







# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## CORRIDOR SEATING/PERCH





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## COLLABORATION ALCOVE





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER







**SANTA ANA COLLEGE  
FACILITIES COMMITTEE MEETING  
FEBRUARY 16, 2016**





## ACTIVE PROJECTS

### Santa Ana College

- ▶ Chavez Hall Renovation
- ▶ Temporary Village Phase 2

## Santa Ana College

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



# 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:

- ▶ Punch list is 100% complete and contract close-out documents are in process. Notice of Completion was approved by Board of Trustees on January 25, 2016.
- ▶ Roof construction has been completed (scheduled maintenance project). Notice of Completion was approved by the Board of Trustees on January 25, 2016.
- ▶ All moves have been completed the first week in February prior to the start of Spring Semester.
- ▶ Re-occupancy Spring Semester 2016.

## Budget:

- ▶ **\$1.56 million** (remainder funded by Measure Q)







# 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:

- ▶ Geotechnical investigation underway.
- ▶ Test pilot project has been completed.
- ▶ District review of pilot study ongoing.
- ▶ Multi-phased project still under review.

## Budget:

- ▶ \$400,000 (under review).





# PROJECT UPDATE SANTA ANA COLLEGE TEMPORARY VILLAGE PHASE 2

## Project Summary:

- Relocation of current Johnson occupants and programs into the Temporary Village which includes an interior reconfiguration within the portables.

## Current Status:

- Contractor was approved by the Board of Trustees on January 25, 2016.
- Kick-off meeting with contractor took place on January 29, 2016.
- Current activities: installation of construction fencing and tearing down of cubicle partitions.
- Upcoming activities: conduit runs for data and electricity.
- Target move into Temporary Village by Johnson occupants – spring 2016.

## Budget:

- \$3 million





## PROJECTS

- ▶ Dunlap Hall Renovation
- ▶ Central Plant & Infrastructure
- ▶ Johnson Student Center
- ▶ Johnson Demolition
- ▶ Science Center & Building J Demolition
- ▶ 17<sup>th</sup> & Bristol Street Parking Lot





# PROJECT UPDATE SANTA ANA COLLEGE DUNLAP HALL RENOVATION

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- ▶ Roof construction has been completed (scheduled maintenance project). Notice of Completion was approved by the Board of Trustees on January 25, 2016.
- ▶ All moves have been completed the first week in February prior to the start of Spring Semester.
- ▶ Re-occupancy Spring Semester 2016.

## Budget:

- ▶ \$18.78 million





# PROJECT UPDATE SANTA ANA COLLEGE CENTRAL PLANT AND INFRASTRUCTURE

## Project Summary:

- ▶ Construction of a new central plant building to reduce electrical leads during peak demand periods.
- ▶ The project includes the replacement of all underground utilities (domestic water, sewer, fire water, storm drain, gas, electric and data).
- ▶ The new central plant has a chilled water loop which connects to the HVAC equipment in 7 buildings to provide cooling.
- ▶ The new central plant includes a new Energy Management System (EMS).
- ▶ The central plant building will be designed to meet LEED Silver certification.

## Budget:

- ▶ \$68.17 million



## Current Status:

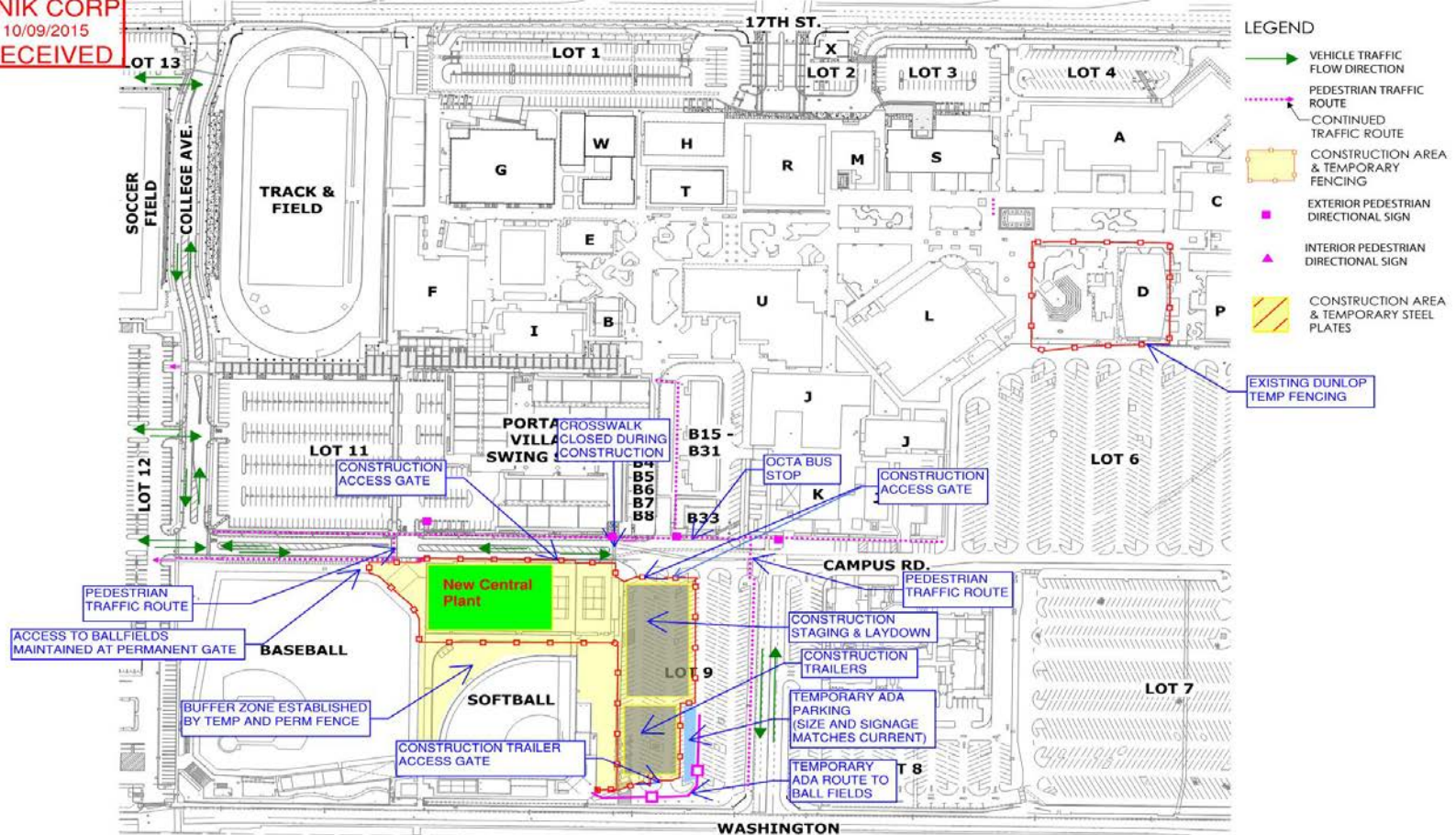
- ▶ Current activities: excavation and installation of new water lines, excavation for new sewer, and reduce a portion of Campus road to one-way traffic.
- ▶ Upcoming activities: installation of a new signal, excavation and installation of new power lines, installation of new gas service between building J and K, and layout of electrical lines at Central Plant.
- ▶ Project Close-Out 2018





# PROJECT UPDATE SANTA ANA COLLEGE CENTRAL PLANT AND INFRASTRUCTURE LAYDOWN PLAN

**LINK CORP**  
10/09/2015  
**RECEIVED**



**CAMPUS IMPROVEMENT CONSTRUCTION TEMPORARY PEDESTRIAN & VEHICLE ROUTING - (10/12/2015 (NTP) - 5/31/2018 (Final Comp + 1 month))**



# PROJECT UPDATE SANTA ANA COLLEGE JOHNSON STUDENT CENTER

## Project Summary:

- ▶ Construction of a 59,638 square foot new Johnson Student Center.

## Current Status:

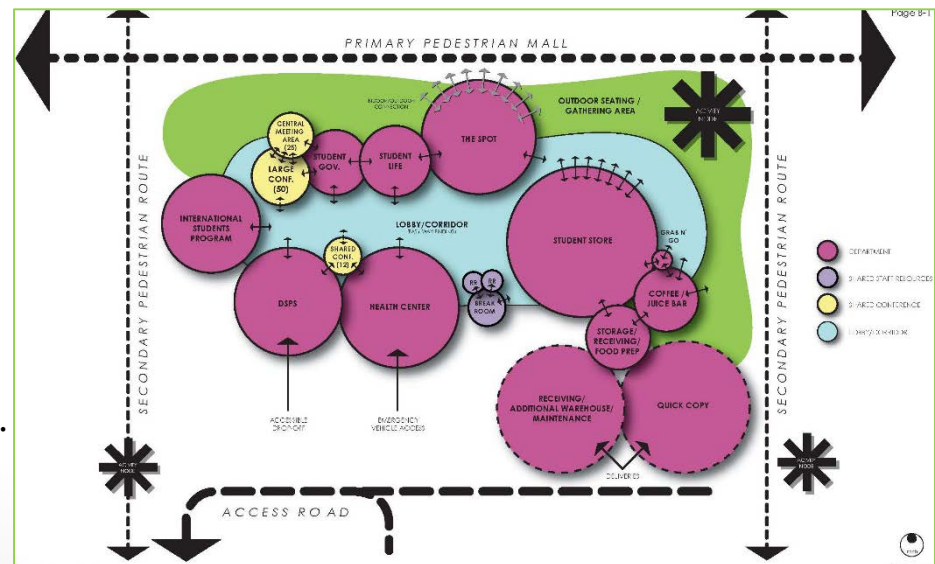
- ▶ Program document is finalized and has been approved by Campus and District.
- ▶ Preliminary schematic design phase has begun with Executive Group meetings and User Group meetings.
- ▶ DSA approval anticipated to be late January 2018.
- ▶ Target new construction start May 2018.

## Budget:

- ▶ \$40.7 million target

\$35.07 funded by Measure Q

Note: Budget is currently deficient by \$5.64







# PROJECT UPDATE SANTA ANA COLLEGE JOHNSON DEMOLITION

## Project Summary:

- ▶ Demolition of existing Johnson Student Center.
- ▶ Demolition of J Buildings will now occur as part of the new Science Center project.

## Current Status:

- ▶ Project is currently in construction document phase.
- ▶ Target relocation into interim housing - spring 2016.
- ▶ Decommission building in spring/summer 2016.
- ▶ Target out-to-bid April 2016.
- ▶ Target demolition start in summer 2016 – winter 2016.



## Budget:

- ▶ \$1.8 million



# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## Project Summary:

- ▶ Construction of a new 65,428 square foot science center housing modern laboratories, classrooms, lecture classrooms, and faculty offices.
- ▶ Demolition of J Buildings.



## Current Status:

- ▶ Final schematic design package has been approved by Campus and District.
- ▶ Design Development phase commenced December 2015.
- ▶ DSA approval target – September 2017.
- ▶ Target construction start – December 2017.



## Budget:

- ▶ \$73.38 million





# PROJECT UPDATE SANTA ANA COLLEGE PARKING LOT AT 17<sup>TH</sup>/BRISTOL ST.

## Project Summary:

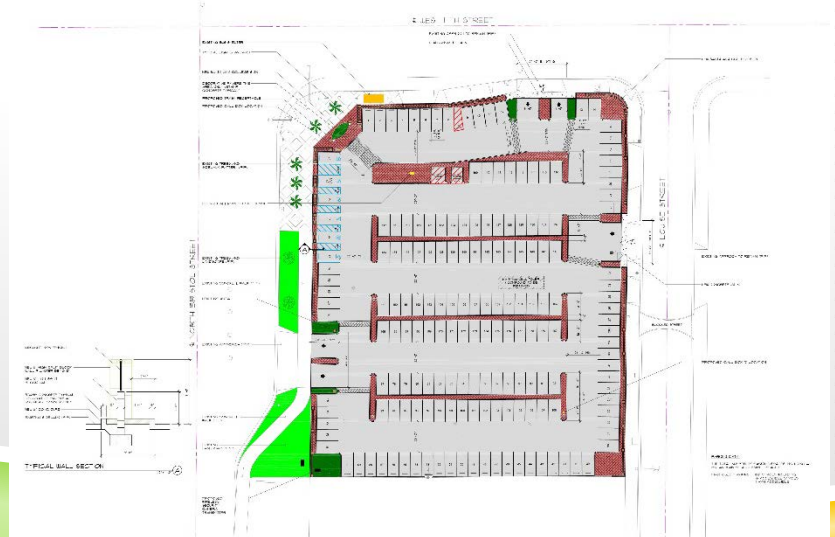
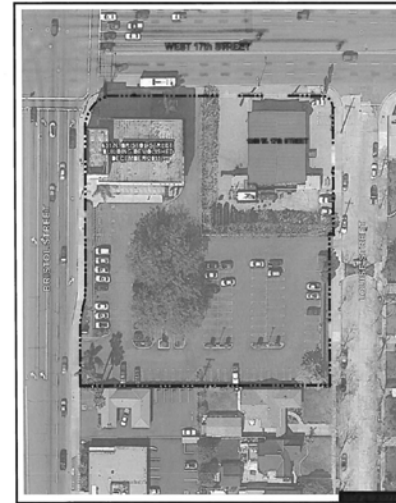
- ▶ New surface parking lot.

## Current Status:

- ▶ In construction document design phase.
- ▶ Parking lot to be utilized for contractor worker parking for Central Plant on an interim basis.
- ▶ Target DSA submittal has been delayed due to additional meetings required with the City.
- ▶ Target construction schedule is being re-evaluated.

## Budget:

- ▶ \$2.5 million
- ▶ Acquisition of property was paid by Measure E funds.





## 2014-2015 SCHEDULED MAINTENANCE COMPLETED PROJECTS

### **Santa Ana College**

State Allocation 2015

\$1,837,332

- ▶ Chavez Hall Roof Repairs
- ▶ Chavez Hall Window Repairs
- ▶ Building L Roof Repairs (completed)
- ▶ Buildings H, R, T Plumbing Fixtures
- ▶ Building E, L, T & R Exterior Painting
- ▶ Dunlap Hall Roof Replacement



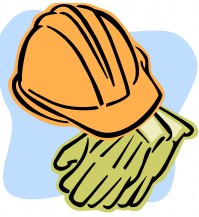


# 2015-2016 SCHEDULED MAINTENANCE NEW PROJECTS

## **Santa Ana College – In Planning**

State Allocation 2016                      \$1,837,665

- ▶ Roof Replacement (W)
- ▶ Roof Replacement (G & S)
- ▶ Roof Replacement (E, K & T)
- ▶ Water Conservation
- ▶ Door Replacement (C, H, L, R, S and OCSRTA)
- ▶ Flooring Repair (Gym)
- ▶ Painting (C & S)
- ▶ Waste Oil Tank Removal & Replacement (K)



# 2015-2016 SCHEDULED MAINTENANCE PROJECTS SANTA ANA COLLEGE

PROJECT	STATUS	ESTIMATED BUDGET
Roof Replacement (W)	Formal bid documents being developed.	\$317,790
Roof Replacement (G, S)	Formal bid documents being developed.	\$568,200
Roof Replacement (E, K,T)	Formal bid documents being developed.	\$490,900
Water Conservation	Site survey of existing conditions has been completed. Bid documents to be developed.	\$80,000
Door Replacement ( C, H, L, R, S, OCSRTA	In planning. Upcoming survey assessment for replacement.	\$100,530
Flooring Repair (G)	Site survey of existing conditions has been completed. Additional investigation is required to determine cause of damage.	\$100,005
Painting (C, S)	Bid documents are being developed.	\$117,700
Waste Oil Tank Replacement	Ongoing coordination with environmental consultants to determine agency approvals and permits required. RFP to be released for investigative borings.	\$62,500
TOTAL		\$1,837,775



## OTHER CURRENT PROJECTS SANTA ANA COLLEGE

### **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:

- ▶ \$85,857

### **Orange County Sheriff's Regional Training Academy**

#### Project Summary:

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

#### Current Status:

- ▶ Project is in design.
- ▶ Anticipated DSA approval February 2016.
- ▶ Bid documents to be released March 2016.
- ▶ Anticipated construction May 2016.

#### Budget:

- ▶ \$420,000



## YEAR THREE PROP 39 PROJECTS SANTA ANA COLLEGE

### Project Summary:

- ▶ LED lighting conversion at the Orange County Sheriff's Regional Training Academy and Digital Media Center (Interior and Exterior).

### Current Status:

- ▶ Installation of LED lighting at Digital Media Center (interior and exterior) has been completed.
- ▶ Installation has commenced at Orange County Sheriff's Regional Training Academy.
- ▶ Anticipated construction completed March 2016.

### Budget:

- ▶ \$341,701

### Project Summary:

- ▶ An additional Year Three project has been identified.
- ▶ LED Lighting conversion at Building I and Z at Santa Ana College

### Current Status:

- ▶ Bids were released January 22, 2016.
- ▶ A mandatory job walk was held on February 1, 2016.
- ▶ Anticipated construction to commence March 2016 – June 2016.

### Budget:

- ▶ \$ 100,000





## YEAR FOUR PROP 39 PROJECTS SANTA ANA COLLEGE

### Project Summary:

- Energy Management Systems (EMS) upgrade at Santa Ana College (15 buildings), Digital Media Center and Orange County Sheriff's Regional Training Academy.

### Current Status:

- Currently assessing feasibility and potential scope of work.

### Budget:

- Pending



## QUESTIONS

# Facilities Committee Meeting

February 16, 2016

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*The mission of Santa Ana College is to be a leader and partner in meeting the intellectual, cultural, technological, workforce and economic development needs of our diverse community. Santa Ana College prepares students for transfer, employment, careers and lifelong intellectual pursuit in a dynamic learning environment.*

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## MEMBERSHIP

Rebecca Barnard	Renee Miller	Michael Collins	Gary Dominguez
Michael Colver	Andy Gonis	Nilo Lipiz	Donald Mahany, Chair
Don Maus	Alistair Winter	Mark Wheeler	Norma Castillo
			Scott Baker

***Bold font indicates members in attendance***

*Meeting called to order – 1:00p.m.*

OLD BUSINESS	DISCUSSION/COMMENTS	ACTIONS/OUTCOME/FOLLOW UPS
Safe Trek	A new mobile phone app was presented by Alistair to the committee. This cell phone app makes an emergency phone call to campus security and local PD when activated. It is available to students and all members of RSCCD and their friends.	Alistair
Office Security	Office safety to walk-ins (“Tell Mr Bates I will be late”)	Mahany / Colver
Knives on campus	Folding pocket knives with a clip, no problem if the owner is acting responsibly	Colver
<b>NEW BUSINESS</b>		
1. Scott Baker	New Sergeant to SAC (night sup)	Colver
2. Evacuation Chairs	Replacements needed H- building <ul style="list-style-type: none"> <li>Chairs will be replaced</li> </ul>	Colver
3. Policy and Procedures	Bomb threats	Alistair
4. Campus Siren	I recommend HEPPS formally discuss two items next semester, and am giving you an early heads-up in case you want to forward to Alistair & Mike to do some research on prior:  Some college campuses are making use of sirens to activate lockdown and other safety procedures. I think it important HEPPS discuss the feasibility of some type of audible activation in certain extreme emergencies.	Gonis/ Collins/Alistair

5. Reunification plan	<p>I have attached a pdf of an FBI publication regarding reunification centers in the event of school shooter incidents. The article provides a fairly detailed blueprint of various logistical issues, some of which the District may not be sufficiently addressing. (A reminder SAC has middle school students on campus as well.)</p> <ul style="list-style-type: none"> <li>• A presentation on the policies written by Alistair Winter were discussed. He provided three documents: <ol style="list-style-type: none"> <li>1. Suspicious Package or Letter Protocol for mail room personnel.</li> <li>2. Bomb Threats and Suspicious Packages. Campus Security is going to talk to the people in the mail room about how to handle suspicious packages. Events involving explosives or chemicals in an envelope or package remains extremely rare.</li> <li>3. Telephone Bomb Threat; a document was distributed with suggestions on what the receiver of a Telephone Bomb Threat should ask. <ul style="list-style-type: none"> <li>• Remain calm.</li> <li>• Ask when the bomb will go off</li> <li>• Where is the bomb</li> <li>• What kind of Bomb is it</li> <li>• Why did you place the bomb</li> </ul> </li> </ol> </li> </ul> <p>Dr Gonis had some ideas and shared them with the group. If you see something unusual say something. We are going to explorer making a video depicting suspicious items about campus.</p>	Gonis / Collins/Alistair
<b>STANDING REPORTS</b>	<b>DISCUSSION/COMMENTS</b>	<b>ACTIONS/OUTCOME/FOLLOW UPS</b>
SAC – Mike Colver	Campus Safety (report given to the group)	Colver
Risk Management – Don Maus	District incident report (not given as Don Maus was absent)	Maus
Next Meeting	March 3, 2016	





## Facilities Update

2/16/16

- Received 242 work orders. 21 outstanding.
- Dunlap Hall opened to water leak. 4 classrooms affected. Should be back up on Monday.
- Entire D building rekeyed with Medeco keys as per new standard.
- Cleaned and painted all classrooms.
- Finished concrete and plumbing repairs to areas at CEC and SAC.
- LED project near completion at CJTC. Z and S buildings to follow.
- Helped CDC get through accreditation by doing assorted repairs and coordinating remodels and installation of new equipment.
- Working with DO to coordinate installation of new clean room in H210.
- Did substantial repairs to 1st floor men's room in Russell Hall.
- Replaced carpet in MESA center and install partition walls.
- Installed new carpet in counseling center.

Feb. 11, 2016

As I have continued considering innovative programs, and ideas for increasing campus energy savings, I came across this program called PowerSave, run by the Alliance to Save Energy (ASE). <http://www.ase.org/>

### **PowerSave Campus Structure and Resources**

- PowerSave Campus interns work closely with administrators, faculty, and staff to create a strategic plan that addresses each of the program's goals and is uniquely tailored to the needs, challenges, and strengths of their school.
- PowerSave Campus is a student-driven program; each PowerSave Campus school has funding for a team to share an approximately full time equivalent position.
- The Alliance to Save Energy recruits, selects, and oversees between three and six interns per campus; with supervision from Alliance staff, and input from campus staff, these interns are primarily responsible for the day-to-day implementation of PowerSave Campus at their school.
- The Alliance supports PowerSave Campus interns through continuous remote consultation, regular on-campus visits, and biannual program-wide convergences.
- Interns at PowerSave Campus schools have an implementation budget that they use to secure space for events, incentivize student conservation, and purchase new metering equipment.

### **PowerSave Campus Rationale**

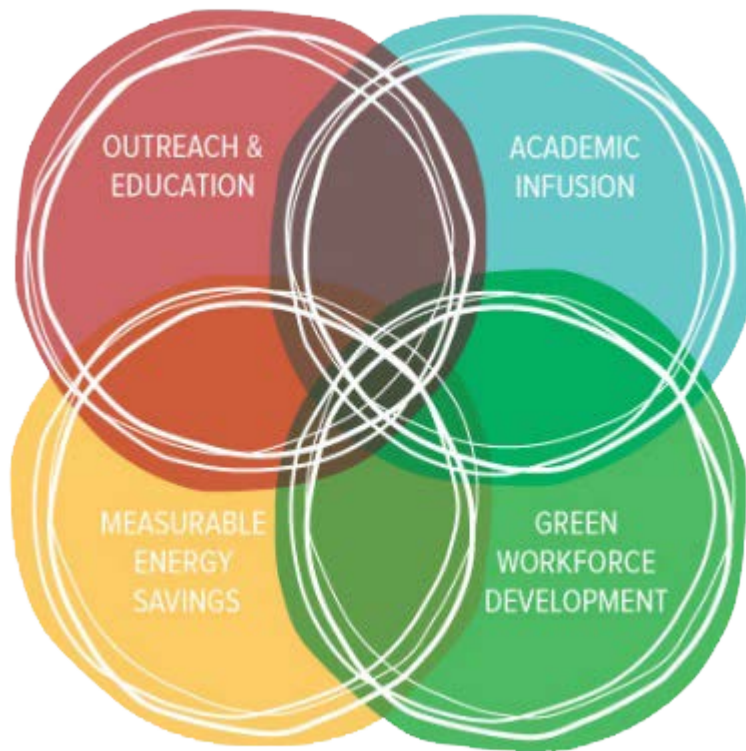
- Educational campaigns can result in significant energy savings by changing behaviors and purchasing decisions.
- Students are effective advocates on college campuses, able to reach their peers and high-level decision makers.
- Students can offer valuable assistance in greening campus operating procedures and with integrated demand side management; student research can defer information gathering costs inherent in switching from conventional to more sustainable practices and management strategies.
- PowerSave Campus enriches students' educational experience while allowing them to take more responsibility for campus operations.

<http://seiinc.org/higher-education-completed-programs/225-community-university-sustainability-partnership-cusp>

<http://seiinc.org/higher-education-completed-programs/46-alliance-to-save-energy-powersave-green-campus-program>

We could implement such a program with our students via our C.A.P.E.S. or ENGR club or with students who enroll to energy classes as interns.

The Alliance to Save Energy's [PowerSave Campus](#) program is a student-led initiative that educates the campus community on energy efficiency, achieves energy savings, and encourages the next generation of energy efficiency professionals through:



### **Green Career Training & Mentorships**

PowerSave Campus builds pathways to green careers through trainings, mentorships, internships, volunteer opportunities, and project-based learning. Student interns reach out to green professionals to come to campus for career panels, career fairs, and/or speed networking events in order to shed light on opportunities to work in this field.

### **Academic Curricula Development**



Infusing energy and energy efficiency concepts into academic curricula is a key component of the PowerSave Campus program. Alliance to Save Energy staff convene a faculty advisory group 1-2 times per year, host an academic infusion online forum, and also work to augment existing and new courses in a variety of departments.

### **Energy Efficiency Outreach**

PowerSave Campus promotes energy efficiency outreach through educational campaigns. These include but are not limited to green festivals, tabling events, educational posters, and monthly campus newsletters about program activities.

### **Measurable Energy Savings**

Realizing measurable energy savings through research into and implementation of energy efficiency best practices, educational campaigns, and facilitation of retrofits. Projects include but are not limited to energy and water competitions, fume hood “shut the sash” campaigns, showerhead retrofits, and dining energy assessments.

## Alternative Ideas

Alternatively, we might create a program where we have student energy audit buildings for free, then create a list of cost saving retrofits for renters or owners or both, if a building is a rented one. If the renter or owner or both opt to implement the cost saving features, then student interns could contract with them to install them. It would be possible to implement on campus, or even for smaller off campus buildings, especially residential buildings.

We could involve our local utility, Edison, as a partner, perhaps with the help of ASE, or on our own.

Edison currently offers summer student internships within their "LIFE\ POWERED BY YOU\" program.

Edison formerly offered the "DEEP" program. Through education in energy efficiency and demand side reduction this training program helped prepare community-college students for clean-energy careers. Developing Energy Efficiency Professionals used classroom learning, projects, and outreach within the campus community to promote the understanding of demand response, resource conservation, and carbon emission reduction. It was designed to help reduce operational costs at California Community Colleges, too. They had only three CC's on board. I've inquired to see if the program is ongoing, and it is not.

Edison offers free computers and we can apply for them at <http://www.edison.com/home/community/how-to-apply/eligibility-guidelines.html>.

Edison's grant funding opportunities application date is near. March 1 - 31, 2016. <http://www.edison.com/home/community/how-to-apply.html>. It's a GREAT time to look over the options and to apply for this funding up to \$5000, although larger amounts could be possible.

Grants to Make a Difference in Education, Environment, Public Safety & Preparedness, and Civic Engagement

We offer grants up to \$5,000 to nonprofit organizations whose missions and programs focus on our four priority areas: education, the environment, public safety & disaster preparedness, and civic engagement.

Most of our giving is targeted to help meet the needs of diverse ethnic groups, seniors, people with special needs, women, low-income, and gay and lesbian populations – groups that are often underserved. Organizations that have demonstrated success in making a difference in our priority areas may be invited to apply for larger grants from Edison International. The next opportunity to submit a grant application is March 1- 31. <http://www.edison.com/home/community/our-funding-priorities.html>





SANTA ANA COLLEGE  
Participatory Governance Committee  
End of Year Report 2014/15

COMMITTEE – FACILITIES

DATE: May 17, 2015

CO-CHAIRS – Michael Collins, Elliott Jones

MEMBERSHIP

Michael Collins	Elliott Jones	Nilo Lipiz	Mike Ediss	John Zarske
Bart Hoffman	Mike Colver	Maria Taylor	Eve Kikawa	Sherry DeRosa
Rhonda Langston	Susan Sherod	Christine Leon	Omar Torres	George Moore
Sarah Salas	Dietrich Kanzler	Maria Aguilar Beltran	Valinda Tivenan	Minhchau Chau
				Mark Wheeler

Goals	Completely met	Partially met (Please explain)	Not met/ should be carried over (Please explain)	Not met/ should not be carried over (Please explain)
1. Align SAC Facilities Improvements with the RSCCD Sustainability Initiative. Maximum effort will be made to ensure that all improvements be created and managed sustainably for reduction of fossil fuel consumption, and thus the reduction of the campus carbon footprint. "Green" efforts will be considered as a means of reducing utility costs and improving the campus and community environment.	67% agreed	33% agreed	This has to be ongoing due to the nature of the initiative.	
2. Receive and disseminate reports on maintenance, repair, renovations, and upgrades to existing buildings, infrastructure, and equipment, as well as progress on new construction as new buildings are approved, designed, and started. Provide feedback as appropriate.	67% agreed	22% agreed	11% agreed This has to be ongoing as we continually do these things.	
3. Monitor efforts to maintain and improve campus appearance.	78% agreed	22% agreed	This has to be ongoing as we continually do this.	
4. Continue to review and implement the SAC Facilities Master Plan at ancillary sites.	67% agreed		33% agreed This has to be ongoing as a Master Plan is always a work in progress.	

Goals	Completely met	Partially met (Please explain)	Not met/ should be carried over (Please explain)	Not met/ should not be carried over (Please explain)
5. Monitor efforts and support the Environmental task force and the HEPSS (Health, Emergency Preparedness, Safety and Security) task force.	78% agreed	22% agreed	This is ongoing every year.	
6. Monitor the campus grounds and facilities for ADA compliance and review the ADA Transition Plan. Recommend that modifications be made in a timely manner to correct known deficiencies.	67% agreed	22% agreed	11% agreed	
7. Provide a conduit for communication for faculty, staff and students to bring forward facility related issues to administrative attention, as well as provide regular updates to College Council.	78% agreed	22% agreed		

#### Recommended goals 2015/2016:

- This isn't a goal, but I would like to have a discussion on the topic: Do our new facilities really meet the needs of students when they are constricted by replacement square footage, etc.?
- Additional Sustainable projects.  
Recycling program/center.  
More efficient vehicles for the schools fleet.  
Small solar project to test the viability of solar for the school.  
Gray water system for recycling re-usable water.  
Renderings should be readily available to the committee.  
Memorial garden/Veteran square.  
Ensure the central plant/mall redesign are implemented.  
Ramp installed between W and H going to Lot 1.
- Continue the focus on environmental and sustainability issues.  
Increase communication to the community at large about project progress, upcoming, etc.
- We should keep our same goals
- Continue with the current goals.
- Continue the good work being done by all parties involved.

**What outcomes and/or body of work have been generated by this committee?**

- Beautification of the Planetarium. Lot 11 expansion. Electric car charging station. Roof issues. Having a forum for students to address needs that they have.
- This committee has provided a broad spectrum of involvement from our college community. Likewise, dialogue is both encouraged and valued. This has allowed for a sense of true shared governance.
- Facilities Master Plan update  
Electric Car charging station guidelines/protocols  
Sustainability plan review and comments  
greater awareness of facilities activities and construction plans and activities  
good communication with classified
- Many recommendations have been made. Communication from administration to faculty, staff and students has seen improvement. We have a student from an ASG sustainability committee attending meetings. Some recommendations were regarding increasing sustainable measures, including water conservation, water reclamation, ADA compliance, and overall campus appearance, cleanliness and safety. This committee has no authority to generate tangible "work", but instead crafts recommendations.
- More attention should be place to renovate and repair many deferred maintenance projects at CEC