



Santa Ana College

Facilities Meeting

September 17, 2013



SAC Facilities Committee
Sept. 17, 2013
1:30p.m. – 3:00p.m.
SAC Foundation Board Room, S-215

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.

Agenda

1. Welcome and Introductions
2. Public Comments
3. Approval of Minutes – May 21, 2013
4. Project Updates
 - SAC Active Project Update – Arnold Arsenault
 - Scheduled Maintenance Projects – Scott Connors
 - Bond Project Update – Scott Connors/Carri Matsumoto
 - Project Sequencing – Scott Connors
5. Standing Reports (5mins.)
 - HEPSS Task Force – Don Mahany
 - Facilities Report – Mark Wheeler
 - Environmental Task Force – Susan Sherod
6. Old Business
 - End of Year Report
 - Update on speaker on north side of Hammond – James Wooley
7. New Business
 - Committee goals.
 - Door Hardware Standard.
8. Other
 - Bird Prevention on Security Cameras

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.



SAC FACILITIES MEETING
MINUTES –MAY 21, 2013
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	Maria Aguilar Beltran(a)	Susan Sherod	Edward Luna	Sean Small(a)
Elyse Chaplin(a)	Sara Lundquist (a)	Ray Hicks	Valinda Tivenan	Sarah Salas	Maria Taylor
Bart Hoffman	Linda Rose	Jungwon Jin	John Zarske , Co chair	District Liaison	
Jim Kennedy	Sylvia Turner(a)		Louis Pedroza(a)	Darryl Odum(a)	Alex Oviedo
Ron Jones					
Guests				Campus Safety & Security	
Scott Connors, FPPS				James Wooley	
Jerry Neve, Bernards				ASG Representative	
				Joaquin Santos(a)	
1. WELCOME AND INTRODUCTIONS					
		Edward Luna, new CSEA representative was welcomed to the committee. Self introductions were made.		Meeting to order - 1:30p.m. Adjourned at 2:59p.m.	
2. PUBLIC COMMENTS					
		No public comments were made			
3. MINUTES		DISCUSSION/COMMENTS		ACTIONS/ FOLLOW UPS	
		The April 30, 2013 minutes were presented for approval.		ACTION Motion was moved by R. Jones to approve the April 30, 2013 Facilities committee minutes as presented. 2 nd - J. Wooley Motion carried with one abstention.	
4. PROJECT UPDATES		DISCUSSION/COMMENTS		ACTIONS/ FOLLOW UPS	
		Jerry Neve, construction manager for Bernard's presented an overview of the campus active projects. Perimeter Site Improvements <u>Parking Lot No. 5&6</u> <ul style="list-style-type: none"> Starting 5-28-13 Staff will be able to access Parking Lot No. 5 from the frontage road adjacent to the "P" building. Note; the frontage road will 			

PROJECT UPDATES (cont.)	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
SAC Active Projects Update	<p>be closed just adjacent to Parking Lot No.5 to Building X, therefore staff will be required to exit this parking area traveling south on the loop road through to Parking Lot No. 6. Staff, Visitors and Students will be able to access the campus from the Bristol Street, Washington Ave. or College Ave. entries to park in the new improved area of Parking Lot No. 6 on the easterly portion of the lot or Parking Lots No. 7, 9 & 11.</p> <p><u>Pedestrian Entry @ Bristol and 17th Streets</u></p> <ul style="list-style-type: none"> Starting 5-28-13 thru 8-26-13 Students and pedestrians will “not” have access to the campus from this area. Students and pedestrians will be required to access the campus from the Bristol Street, Washington Ave. or College Ave. entries. Parking Lot No. 6, 7, 9 & 11 at the south side of the campus are also available for parking. There will signage to direct pedestrian traffic. The landscaping is being completed this week. <p><u>17th Street main Campus Entry, Parking Lots No. 2, 3 & 4</u></p> <ul style="list-style-type: none"> Starting 5-28-13 thru 8-26-13 the main entrance will be closed to thru traffic to the front of the campus. Staff, Visitors and Students and all deliveries will be required to access the campus through the Bristol Street, Washington Ave. or College Ave. entries and will have access to Parking Lot No. 6, 7, 9 & 11 at the south side of the campus. <ul style="list-style-type: none"> There was an inquiry regarding the bus drop offs. It was noted that a drop off policy had been put in place approximate eight months ago. Specifically, all bus companies have been instructed to “drop off” behind the library. There will be an electronic sign off of 17th street indicating the closure and directing traffic to access College Ave. Student parking will be eliminated in Lot 1 for 90 days. The Safety office will be relocated to L-116 during this time. The campus President, Security and the mail room staff will be able to access the campus through the new temporary driveway in Parking Lot No. 1 and can park here in the new designated areas. Emergency access will be available from the frontage road starting just adjacent to Parking Lot No.5 to the Building X. <p><u>Building “G” Improvements</u></p> <ul style="list-style-type: none"> Starting 5-28-13 thru 9-14-13, the row of parking just in front of this building will be closed. Staff and students will need to avoid this area and park in the remaining area of this lot. The work will consist of the following: <ul style="list-style-type: none"> Painting the exterior All new glass and glazing on the front elevation. New gutters and down spouts. 	

PROJECT UPDATES (cont.)	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
	<ul style="list-style-type: none"> o All new doors in the front o New concrete steps, planters o Landscaping o Lighting o Renovation of two classrooms G-106 & G-107, carpet, paint and doors and hardware to address some ADA issues. <p><u>Parking Lot No. 6 & 8 Improvements Phase 1</u></p> <ul style="list-style-type: none"> • Starting 7-1-13 thru 7-22-13, Students will be required to park in the easterly portion of Parking Lot No. 6 or Parking Lot No. 7, 9 & 11. Staff will continue to have access to staff parking on the westerly area of parking Lot No. 6. Staff, Students and visitors are encouraged to Access the campus from Bristol Street, Washington Ave. or College Ave. for access to the campus. o The scope of the work will be filling the cracks, fix potholes, grinding the edges and apply 2" of new asphalt over the surface. <p>Security is making arrangements for a visitor parking area within Parking Lot No. 6 on the westerly portion of this lot, this will allow for temporary parking or deliveries. Parking Lot No. 8 will be partially closed; students will be required to park in Parking Lot No. 7-9-11.</p> <p>The CDC staff and visitors will be required to park on the west side of the CDC campus in Parking Lot No. 8 to access this facility. A designated area will be identified during construction.</p> <p><u>Parking Lot No. 6 & 8 Improvements Phase 2</u></p> <p>As the Phase 1 areas are complete, those areas will be opened and accessible.</p> <ul style="list-style-type: none"> • Starting 7-22-13 thru 8-2-13, Staff parking in Lot No. 6 will be closed. Staff, students, deliveries will be required to park in the balance of Parking Lot No. 6 and Lots 7, 8, 9 & 11. All vehicles parking in Parking Lot No. 8 will be required to access this lot from Parking Lot No. 7. <p>The scope of the work for Lot. 6&8 (Phase 2) is outlined below:</p> <p><u>Lot 6</u></p> <ul style="list-style-type: none"> o It was noted that this portion of Lot 6 had been capped and is still in good condition. This area will only be slurry seal and re-striped. o The work will also include the removal of trees and planters which will result in 10 additional parking spots. o The configuration will remain the same. <p><u>Lot 8</u></p> <ul style="list-style-type: none"> o The outer planters just inside of Washington will be removed along with 6 planters and trees. o The lot will be reconfigured identical to Lot 7 which will result in a better flow. o This work will allow for 40 additional parking spots. 	

PROJECT UPDATES (cont.)	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
	<p>Members were also updated that the drop off area for the CDC will be reconfigured to enhance the traffic flow and eliminate the congestion.</p> <p>There was a concerned raised regarding potential impacts to the Diesel program during this time.</p> <ul style="list-style-type: none"> Members were assured that there will be access to accommodate staff, students and deliveries <p><u>Loop Road @ Middle College</u></p> <ul style="list-style-type: none"> Starting 7-22-13 thru 8-2-13, during construction the loop road access driveway and parking areas will be closed. Signage will be posted at the entry of this driveway to allow for deliveries "only". All trucks making deliveries to this area will be coordinated by Construction Management and the contractor teams. Access will be provided for emergency vehicles. It was confirmed that construction workers have designated areas to park. 	
Scheduled Maintenance	<p>Scott Connors from FPPS presented an update on the scheduled maintenance/RDA funded projects (Please see attachment). Additional commentary as follows:</p> <p><u>Boiler Replacement Bldgs.</u> - Delay continues with DSA permitting project. As a result the completion has been pushed out to August.</p> <p><u>Campus Lighting Upgrade for Energy Efficiency Project</u> - The audit of the campus has been completed. Calculations will be made and the campus will pursue state funding from Prop. 39 as well as utility rebates.</p> <p>There was a question regarding the estimated completion date of April 30, 2013 for this project.</p> <ul style="list-style-type: none"> It was clarified that this project will not begin until July 1 in order for the college to be eligible for Prop. 39 funding. Time allowance was built in to allow for the RFP process. The work will be done between holidays and breaks to minimize impacts to instruction. <p><u>Demo Spray Booth K/Paint K, J Garage Doors and Bungalow K-115</u></p> <p>It was confirmed that both of these projects will be completed by the estimated date.</p> <ul style="list-style-type: none"> There was a concern regarding storage for larger flatbed/tractor equipment during the painting process. <p><u>Door Hardware Upgrade</u></p> <ul style="list-style-type: none"> The design has been approved. The consultant is developing a new door hardware standard for the campus. John Zarske and Ray Hicks would like to review the proposed new door hardware standard before it is adopted. 	<p><u>FOLLOW UP</u></p> <p>Ron Jones will work with Bart Hoffman to resolve the temporary storage issue during the Paint K, J Garage Doors and Bungalow K-115.</p> <p><u>FOLLOW UP</u></p> <p>Dr. Collins, John Zarske and Ray Hicks will meet to review the new door hardware standard.</p>

PROJECT UPDATES (cont.)	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
Bond Project updates	<p>Scott Connors from FPPS presented an update on the SAC major projects (Please see attachment). Additional commentary as follows:</p> <p><u>Renovate and Expand Athletic Fields</u></p> <ul style="list-style-type: none"> • The grass is being rolled out this week. <p><u>Elevator addition/Guardrail replacement - Dunlap Hall</u></p> <ul style="list-style-type: none"> • Contract estimated to be awarded in August. • Members were reminded that the original plan for the work was that it would be completed over 3 summers. However, with the implementation of swing space, the completion date is estimated at August 2014. • The estimated date that Dunlap will be evacuated is January 2014. • The majority of the classrooms and offices will be relocated to the village in Lot 11. <p><u>Tessman Planetarium Renovation</u></p> <ul style="list-style-type: none"> • Drawings are available for the committee's review and comments and can be presented at an upcoming meeting if so recommended. <p><u>New Parking Lot/Retention Basin Pkg. 4</u></p> <ul style="list-style-type: none"> • This project will consist of site improvements, swing space aka "the village" and the location of the electric car charging locations. • Gymnasium Building improvements - The completion date has been updated to 9/14/2013. <p>It was confirmed that for projects that are part of an FFP process are not placed on the SAC Major Projects list until there has been a commitment of state funds.</p> <p>Members were updated that as designs develop, technical engineering and programming information will be brought forward to the committee.</p>	
5. STANDING REPORTS	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
HEPSS (Health, Emergency Preparedness, Safety and Security) Task Force	No report presented.	
M&O Report	The M & O report was presented by Ron Jones. (Please see attachment).	
Environmental Task Force	<p>An Environmental Task Force report was provided to the membership. (Please see attachment)</p> <p>It was noted to members that the former RISC sustainability task force has been renamed to RSC.</p> <ul style="list-style-type: none"> • Susan's continued attendance at the RSC continues to be a good connection between the college and the district committee. • The Environmental Task force attendance is still very poor at the college. <ul style="list-style-type: none"> o The meeting information will be shared through the Senate. 	

STANDING REPORTS (cont.)	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
	<ul style="list-style-type: none"> • Important to solicit feedback from the Facilities committee in terms of how the Environmental Task Force can best support them. • Climate Action Planning information was also brought to the committee's attention. <ul style="list-style-type: none"> ○ Participants involved establish sustainability and energy management goals and work toward an outcome based solution. ○ The website was provided for further action if desired by the members. A free guide available at www.nwf.org/CampusCAPGuide. ○ It was noted that this is an established program that has been adopted by large colleges. 	
6. Old Business	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
End of Year Report	<p>The End of the Year report feedback that had been received was presented to the members. Discussion ensued.</p> <ul style="list-style-type: none"> • Committee goals are established at the beginning of the year. • Important to notate that while some goals have been met for the year, the goals continue to be ongoing. • There was an inquiry as to how students provide input to the Facilities Committee? <ul style="list-style-type: none"> ○ It was noted that the committee membership does call for an ASG student representative however student participation has not been consistent. 	<p><u>FOLLOW UP</u></p> <p>The End of the Year report will reflect the collaboration of comments and be reviewed by the co-chairs and the final document will be presented to the membership for final review.</p>
Update on PA system issue in R&H.	<p>It was reported that the system was check and is working fine, however due to the noise level in that area during the evacuation period, the system was not clearly audible.</p> <ul style="list-style-type: none"> • Another speaker on the north side of Hammond needs to be installed. 	<p><u>FOLLOW UP</u></p> <p>Lt. Wooley will work with M&O to secure a new speaker.</p>
Update on Anti-Smoking Policy	<p>A discussion ensued regarding the allowing e-cigarettes on campus.</p> <ul style="list-style-type: none"> • Where are recommendations for changes to the Anti-Smoking policy made? • Do the e-cigarettes contain tobacco? Harmful vapor? • This item will be referred to the HEPSS task force and will be researched by Susan Sherod. 	<p><u>ACTION</u></p> <p>Motion was moved by J. Kennedy to allow the e-cigarettes to be used only in the designated smoking areas until research is complete.</p> <p>2nd – R. Langston</p> <p>Motion carried unanimously.</p>
7. Old Business	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
Facilities Manager	<p>On behalf of the committee, thanks and appreciation was expressed to Ron Jones for his service as interim Facilities Manager.</p> <p>Members were informed that the Board of Trustees approved Mark Wheeler as the new Facilities Manager.</p> <ul style="list-style-type: none"> • Mr. Wheeler's start date will be Friday, May 31, 2013. 	<p><u>ACTION</u></p> <p>Motion was moved by J. Kennedy to formally thank Ron Jones for his service to the college for the last three years and one-half years.</p> <p>2nd – R. Langston</p> <p>Motion carried unanimously.</p>

8. Other	DISCUSSION/COMMENTS	ACTIONS/ FOLLOW UPS
	<p>There was discussion regarding adding a standing item to the agenda whereas proposed project plans could be reviewed by the committee before they are submitted to DSA.</p> <ul style="list-style-type: none"> • User groups would be invited and have the opportunity to review the final plans if they had not the opportunity to do so. • Good way to disseminate the information. 	<p><u>FOLLOW UP</u> John Zarske will discuss this item with Dr. Collins.</p>
	<p>Facilities updates will be provided as needed to the members over the summer.</p> <p><u>Future Agenda Items</u> Committee Goals Review of future project plans before submitted to DSA.</p>	

SUBMITTED BY Geni Lusk 6/10/2013

Santa Ana College Maintenance and Upgrade Project Summary.

Project	Description	Estimated Completion	Budget	Status
Boiler Replacement Bldgs. A,F, and R	This project will replace old inefficient boilers that are not in compliance with current AQMD requirements. The new boilers will be energy efficient, reduce the campus carbon footprint and secure rebates from the energy providers.	8/30/2013	\$394,000	Permitting
Chiller Circuit Replacement Bldg. F	This is an infrastructure repair project that will replace a defective chiller compressor. Bidding complete. Processing project set up and PO.	5/30/2013	\$32,991	In Progress
Replace AC#1 Compressor W Bldg.	This is an infrastructure repair project that will replace a defective chiller compressor. Bidding complete. Project set up and PO in place.	5/30/2013	\$15,000	In Progress
High Voltage PM SAC	This is an electrical infrastructure maintenance project.	8/15/2013	\$61,146	Bidding
Add High Resistance Ground to Main Substation.	This is an electrical infrastructure upgrade project.	8/28/2013	\$81,000	Bidding
Repair Circulation Pump for Showers	This is an infrastructure repair project that will repair or replace a defective circulation pump. Awarded T&M to repair leaks and do further investigation.	5/30/2013	\$11,000	In Progress
Demo Spray Booth K	This project will remove an un-used hazardous element from the campus. Project set up and PO Issued.	5/30/2013	\$13,800	In Progress
Paint K, J Garage Doors and Bungalow K115	This project will provide much needed painting and finish upgrades in the vocational training area.	5/30/2013	\$20,585	In Progress
R Building Clean and Paint	This project will provide much needed painting and finish upgrades on Russell Hall. Bidding in progress. Need project set up.	5/30/2013	\$8,000	In Progress
Repair Entry Doors R Bldg.	This project will replace the rollers and adjust the actuators for proper operation. Work still pending issuance of PO.	5/30/2013	\$778	Complete
Rest Room Roof Repair G Bldg. (RR at BB Field)	This project will repair the roof structure an patch the roof.	4/30/2013	\$7,650	Complete
Tessmann Planetarium Roof Repair	This project will repair the roof structure an patch the roof.	4/30/2013	\$2,780	Complete
Add Isolation Valves to Dom. Water	This project will add isolation valves to better control water distribution in the event of a water leak.	7/31/2013	\$50,000	Scope Dev.
Replace Irrigation Timers and Control Valves	This project will replace aging and defective timers and control valves to avoid wasting irrigation water.	7/31/2013	\$50,000	Scope Dev.
Campus Lighting Upgrade for Energy Efficiency	This is an energy conservation project to replace inefficient exterior lighting with new more efficient light fixtures and obtain rebates from the utility.	12/20/2013	\$60,000	Scope Dev.

Project	Description	Estimated Completion	Budget	Status
Interior Lighting Upgrade	This is an energy conservation project to replace inefficient exterior lighting with new more efficient light fixtures and obtain rebates from the utility.	4/30/2014	\$500,000	Scope Dev.
Door Hardware Upgrade	This is an infrastructure upgrade project to update the key system for the campus and improve campus security.	8/23/2013	\$180,000	Design
Lot 6 & 8 Resurfacing	This is campus improvement to resurface and re-stripe the remaining lots not affected by the perimeter upgrade project.	7/30/2013	\$500,000	Bidding
Solar PV Project	This is an energy conservation project to provide solar PV power generation for the campus and obtain energy conservation rebates from the utility.	6/30/2013	\$500,000	Scope Dev.
Electric Car Charge Stations	This is an energy conservation project to provide electric car charging stations on the campus to encourage alternative power vehicle development.	6/30/2013	\$30,000	Design

SAC Major Projects Summary

Project Name	Project Description	Estimated Completion Date	Status
Renovate and Expand Athletic Fields	In Progress. Construction scheduled to be complete June 1. DSA close out will follow.	6/1/2013	In Progress
Elevator Addition/Guardrail Replacement--Dunlap Hall	Board approved LLB. RFP for LLB Contractor in progress.	8/27/2014	In Progress
Tessmann Planetarium Renovation	DSA plan check corrections were re-submitted to DSA on 4-22-13. Expect to be ready for bidding in June.	5/5/2014	Permitting
Perimeter Improvements Pkg 3	In Progress.	5/5/2014	In Progress
New Parking Lot/Retention Basin Pkg 4 (Lot 11 Expansion)	Plans in DSA for permitting. Expect review comments this month.	4/14/2013	Permitting
Central Quad area upgrade Pkg 5	Plans in development. The work is proposed to be combined with the new Central Plant project to avoid duplicating or demolishing new finished work.	3/3/2015	Design
Gymnasium Building Improvements (G)	Project awarded and in progress.	8/23/2013	In Progress
Central Plant	Sizing study is complete. Design Fee in development. This project is also being evaluated for LLB procurement.	3/3/2016	Design
Science Building	Programming to start Fall of 2013. Need RFQ for design services now.	6/1/2017	Budgeting
Allied Health Building	Programming to start Fall of 2014. Need RFQ for design services Spring of 2014..	8/30/2018	Budgeting
Johnson Center Renovation	Programming underway. Design planned to start Summer of 2013.	1/7/2016	Budgeting
Nealley Library Renovation LLRC	Programing to start in 2015 pending program schedule & budget review.	8/30/2018	Budgeting
Chavez Hall	Investigating existing condition of discoloring exterior panels. Need a design for exterior upgrade that will resolve the existing condition.	8/22/2014	Design

MAINTENANCE & OPERATIONS FACILITIES UPDATE

May 21, 2013

Preventive Maintenance Completed

None scheduled

Projects/Major Repairs Completed

1. There was water coming up out of the ground at CEC on 4/29 right outside of the B building in the planter. It took several days to locate the leak. It was repaired.
2. The flagpole at CEC was repaired and new flags were purchased and put up.

Staff Work (April 2013)

209 work orders were completed.

Our staff teams worked on the following plumbing, electrical and HVAC jobs (in addition to submitted work requests online):

Plumbing repaired 5 leaks in the restrooms, unclogged 6 drains, urinals, or toilets.

HVAC replaced contactor and changed filter in Unit 2 at B33, change the exhaust fan belt at C Bldg, changed the unloader piston on Compressor 1 AC#5, insallaed a new valve plate on AC #2 Stage 1 on S Bldg Roof.

New exits signs were installed in Classrooms A225 and D105 and near the stage in the Theater. A new light fixture was installed outside B8.

AM custodial had 36 event setups.

Future Projects/Major Repairs

The emergency lighting is still connected to the emergency generator on top of the D bldg, plans are underway to design an inverter system to power them temporarily until the permanent inverter is installed.

Environmental Task Force Update

5-15-13

Susan Sherod has been regularly attending the RISC, now renamed RSC district Sustainability Committee meetings this semester and find that is helpful for providing a better connection for the Enviro Task Force of SAC Facilities to RSC and vice-versa. I was told I would be put on that committee, but I am confused as I don't see that in their report outs. I see they note me as "also attending", which means I'm only there to observe and comment, which is ok, but not what I'd thought it would be. It was great to see RSC's efforts included a first Earth Day event at SAC last month, which was a hit with our students. I recommended the Surfrider Film, "Bag It", about plastics that was used at the event.

The Enviro Task Force got feedback from Dr. Collins regarding the presentation on Natural Ventilation done by a private company representative, that we should strive to incorporate as much natural ventilation into our buildings as we can. The Enviro Task Force would like remind that the use of solar powered fans can greatly assist the reduction of the utility bill we would see with the use of that type of "Solar Assisted Natural Ventilation". We wonder how we may be able to help move this forward?

The Enviro. Task Force still could use more help as our attendance hasn't been great. However, Roy Shabahzian of our former Environmental Committee, is active and is planning to attend the RSC Transportation subcommittee meetings. They are working on inclusion of marked bike lanes for the campus bike riders to be able to get around campus safely and other measures including a EV (electric vehicle) charging station.

We are thrilled with the LED implementation and hope it can move forward and save the campus utility bills and reduce the Campus Carbon Footprint.

Respectfully Submitted by Susan Sherod



CONSTRUCTION PROGRESS

SEPTEMBER 2013



Main Campus Entrance at 17th Street

HMC Architects

BERNARDS



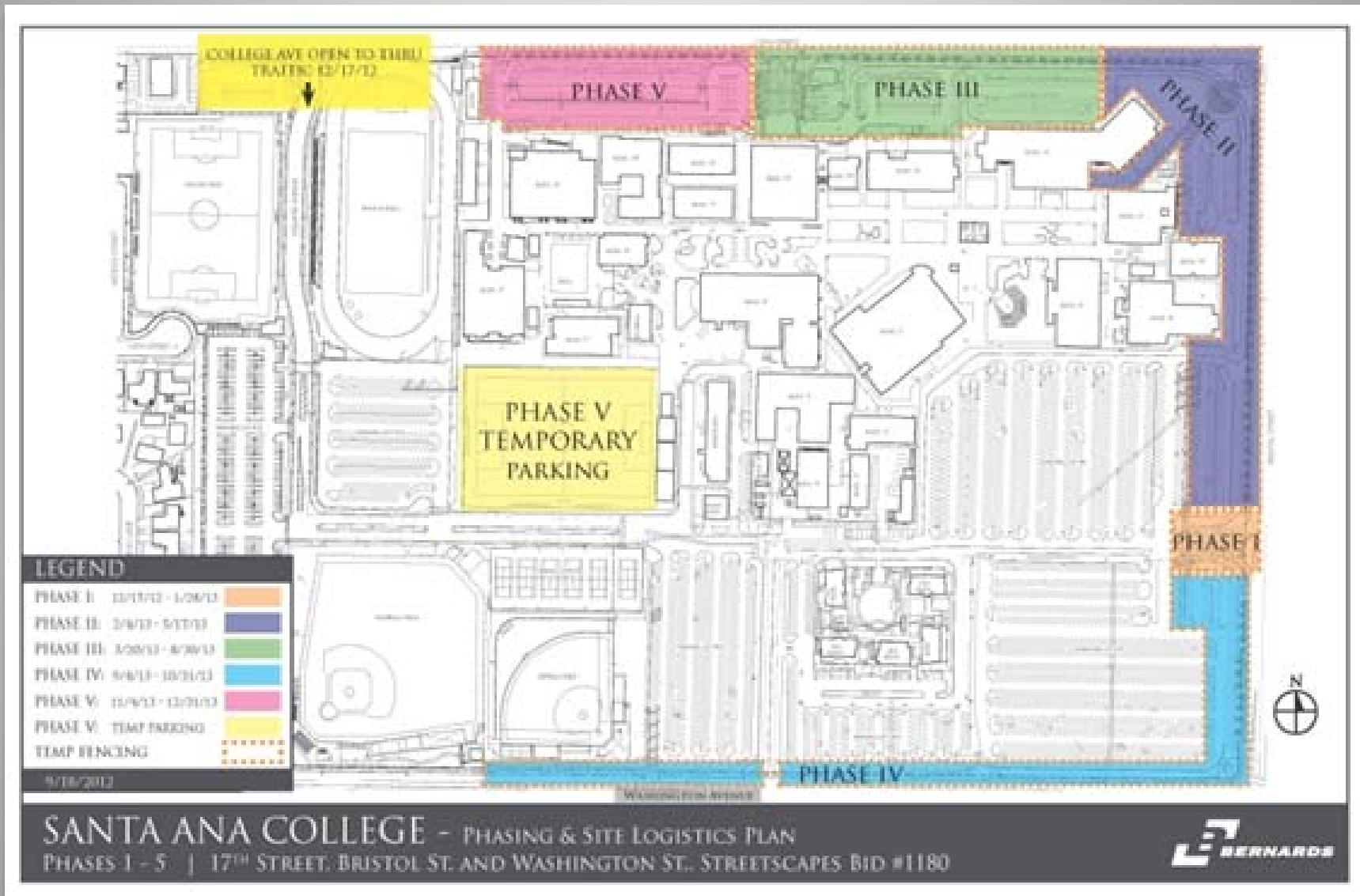
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SANTA ANA
COLLEGE

Construction Team

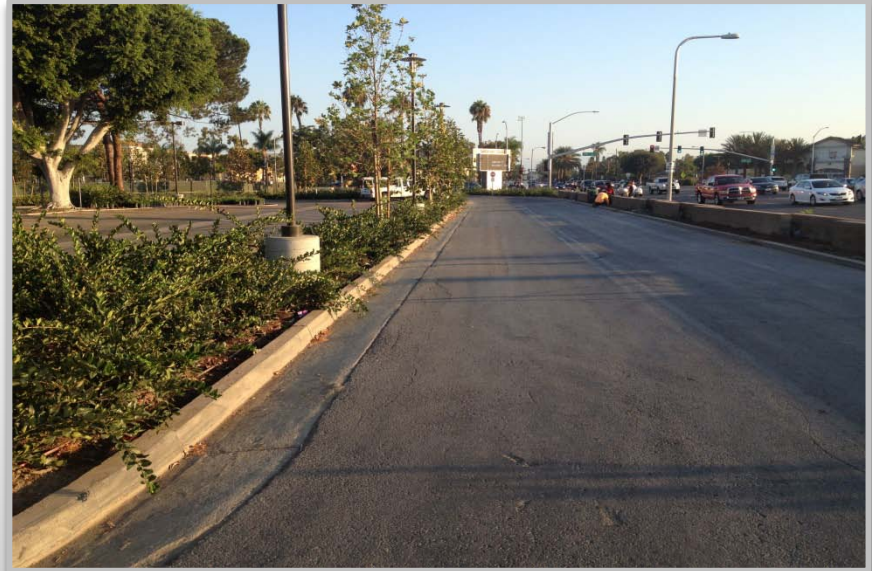
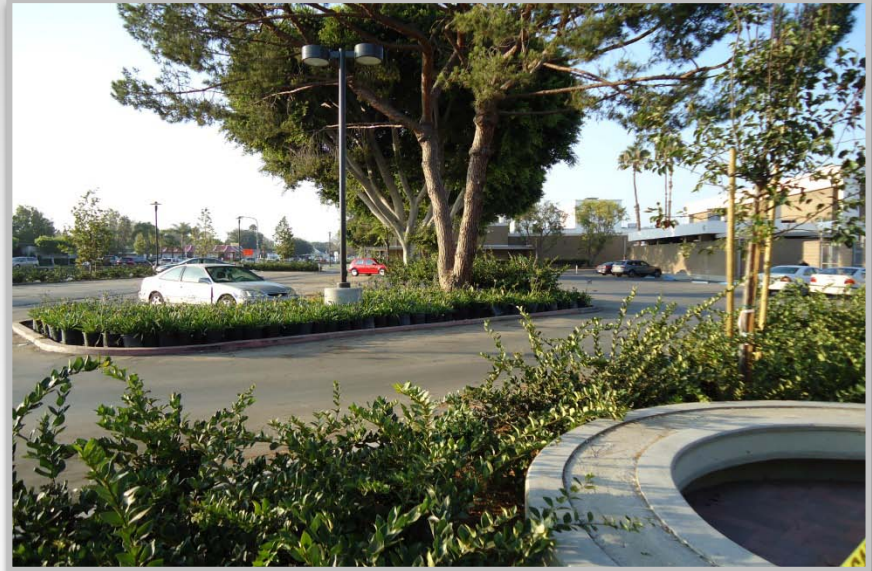
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BID #1180: PERIMETER SITE IMPROVEMENTS



BID #1180: PERIMETER SITE IMPROVEMENTS



BID #1189: BUILDING G MISCELLANEOUS UPGRADES

SANTA ANA COLLEGE

Building G "Cook Gym" - Exterior Colors

Storefront Windows and Doors
Aluminum -
Kawneer - Bone White UC 109880

Concrete and Hollow Metal Frames
Paint Finish - Dunn Edwards
DE 6385 Black Bean, LRV7

Concrete Accents and Hollow Metal Doors
Paint Finish - Dunn Edwards
DEA105 Cherry Bomb LRV13

Concrete Accents and Flashing/Gutters
Paint Finish - Dunn Edwards
DEW 380 White (-1) LRV93

Concrete Pilasters and Accents
Paint Finish - Dunn Edwards
DE6123 Trail Dust LRV40
Elastomeric Finish - Vista Paint
Ashbury - 8776

Concrete
Paint Finish - Dunn Edwards
DE6122 Dry Creek LRV55

Concrete Panels
Paint Finish - Dunn Edwards
DE6121 Siamese Kitten LRV72
Elastomeric Finish - Vista Paint
Southern Sand 8780



IBI
GROUP



SANTA ANA
COLLEGE

BID #1189: BUILDING G MISCELLANEOUS UPGRADES



BID #1189: BUILDING G MISCELLANEOUS UPGRADES



Santa Ana College Maintenance and Upgrade Project Summary.

9/10/2013

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Replace AC#1 Compressor W Bldg.	This is an infrastructure repair project that will replace a defective chiller compressor.	5/30/2013	\$15,000	Complete
Repair Circulation Pump for Showers	This is an infrastructure repair project that will repair or replace a defective circulation pump. Awarded T&M to repair leaks and do further investigation. The problems were identified and repaired. Ongoing maintenance and water treatment will be required to prevent future failures.	6/30/2013	\$35,314	Complete
Demo Spray Booth K	This project will remove an un-used hazardous element from the campus.	5/30/2013	\$13,800	Complete
Repair Entry Doors R Bldg.	This project will replace the rollers and adjust the actuators for proper operation.	5/30/2013	\$778	Complete
Rest Room Roof Repair G Bldg. (RR at BB Field)	This project will repair the roof structure and patch the roof.	4/30/2013	\$7,650	Complete
Tessmann Planetarium Roof Repair	This project will repair the roof structure and patch the roof.	4/30/2013	\$2,780	Complete
Lot 6 & 8 Resurfacing	This is campus improvement to resurface and re-stripe the remaining lots not affected by the perimeter upgrade project. The project has been bid and awarded. The work is scheduled to start 7/15/13 and complete by 8/26/13.	8/26/2013	\$475,027	Complete
Chiller Circuit Replacement Bldg. F	This is an infrastructure repair project that will replace a defective chiller compressor. The original scope is complete. The system is operational, but we need additional parts that were found damaged to complete the work. Delivery of the repair parts is expected in September.	9/30/2013	\$35,808	In Progress
Paint K, J Garage Doors and Bungalow K115	This project will provide much needed painting and finish upgrades in the vocational training area. Original scope complete. Pricing additional doors.	9/30/2013	\$22,485	In Progress
R Building Clean and Paint	This project will provide much needed painting and finish upgrades on Russell Hall. Need project set up. Hold work until site work complete on 17th St.	9/30/2013	\$8,000	In Progress

Boiler Replacement Bldgs. A,F, and R	This project will replace old inefficient boilers that are not in compliance with current AQMD requirements. The new boilers will be energy efficient, reduce the campus carbon footprint and secure rebates from the energy providers.	10/30/2013	\$281,000	In Progress
High Voltage PM SAC	This is an electrical infrastructure maintenance project.	10/15/2013	\$61,146	Bidding
Add High Resistance Ground to Main Substation.	This is an electrical infrastructure upgrade project.	10/28/2013	\$81,000	Bidding
Add Isolation Valves to Dom. Water	This project will add isolation valves to better control water distribution in the event of a water leak. Part of Central Plant project.	7/31/2014	\$50,000	Scope Dev.
Replace Irrigation Timers and Control Valves	This project will replace aging and defective timers and control valves to avoid wasting irrigation water.	7/31/2014	\$50,000	Scope Dev.
Door Hardware Upgrade	This is an infrastructure upgrade project to update the key system for the campus and improve campus security. The new standard has been developed and applied to the Planetarium project.	8/23/2014	\$180,000	In Progress
CampusExterior Lighting Upgrade for Energy Efficiency	This is an energy conservation project to replace inefficient exterior lighting with new more efficient light fixtures and obtain rebates from the utility. Application for rebates is in progress. Execution will follow rebate approval and Prop 39 funding.	4/20/2014	\$60,000	Scope Dev.
Campus Interior Lighting Upgrade for Energy Efficiency	This is an energy conservation project to replace inefficient exterior lighting with new more efficient light fixtures and obtain rebates from the utility. Application for rebates is in progress. Execution will follow rebate approval and Prop 39 funding.	4/30/2014	\$500,000	Scope Dev.
Solar PV Project	This is an energy conservation project to provide solar PV power generation for the campus and obtain energy conservation rebates from the utility.	12/30/2014	\$500,000	Scope Dev.