



**SANTA ANA COLLEGE
FACILITIES COMMITTEE MEETING
NOVEMBER 15, 2016**





PROJECTS

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



PROJECT UPDATE SANTA ANA COLLEGE CENTRAL PLANT AND INFRASTRUCTURE

Project Summary:

- ▶ Construction of a new central plant building and replacement of all underground utilities (domestic water, sewer, fire water, storm drain, gas, electric and data).
- ▶ Central Plant facts:
 - ▶ Reduces electrical loads during peak demand periods.
 - ▶ Has a chilled water loop, connecting 7 existing buildings to the HVAC equipment to provide cooling.
 - ▶ Includes a new Energy Management System (EMS) to control building temperatures and monitor system remotely.
 - ▶ Building is designed to meet LEED Silver certification.

Budget:

- ▶ \$68.17 million





PROJECT UPDATE SANTA ANA COLLEGE CENTRAL PLANT AND INFRASTRUCTURE

Current Activities:

- ▶ Install, test and backfill sewer lines.
- ▶ Backfill chilled water and gas lines.
- ▶ Install gas, power and signal lines.
- ▶ Set-up wall protection, conduct prepour inspections and concrete pour at ice tank storage.
- ▶ Deliver, install and weld tower rails.

Upcoming Activities:

- ▶ Excavate and install storm drain and chilled water lines.
- ▶ Install storm drains and catch basin.
- ▶ Install power and signal lines.
- ▶ Form and pour curb and gutter.

Current Status:

- ▶ The project is approximately 2 months behind the original target schedule.
- ▶ There have been numerous unforeseen conditions encountered.
- ▶ The project is 38% complete.

Target Occupancy/Completion

- ▶ December 2017 (under review)
- ▶ Project Close-Out 2018 (under review)







PROJECT UPDATE SANTA ANA COLLEGE JOHNSON DEMOLITION

Project Summary:

- ▶ Demolition of existing Johnson Student Center.

Current Status:

- ▶ District will review options with the College prior to making a final recommendation.
- ▶ Decommissioning activities began in summer 2016.
- ▶ Target out-to-bid under review
- ▶ Target demolition start under review

Budget:

- ▶ \$2.5 million (increased budget due to costs associated with construction)





PROJECT UPDATE SANTA ANA COLLEGE JOHNSON STUDENT CENTER

Project Summary:

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

Current Status:

- ▶ Design Development Phase. Review with College and user groups ongoing.
- ▶ Additional geotechnical borings have been completed to determine soil conditions.
- ▶ DSA approval anticipated May 2018.
- ▶ Target construction start September 2018.
- ▶ Target occupancy fall 2020.

Budget:

- ▶ \$40.7 million target

\$38.96 million funded by Measure Q

Note: Budget is currently deficient by \$1.74 million

Programs Include:

- | | |
|------------------------------|----------------------------|
| ▶ Campus Store | ▶ Financial Aid |
| ▶ Grab-n-Go / Coffee & Juice | ▶ Student Placement |
| ▶ DSPS | ▶ Health & Wellness Center |
| ▶ EOPS/CARE & CalWORKS | ▶ DSPS |
| ▶ Student Financial Services | ▶ Office of Student Life |
| ▶ SSSP / Upward Bound | ▶ ASG |
| ▶ Warehouse | ▶ The Spot |
| ▶ Reprographics | |
| ▶ Conference Center | |





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 (3) J Buildings.

Current Status:

- ▶ Construction Document phase. Ongoing review meetings with Campus user groups, M&O and IT.
- ▶ DSA submittal anticipated December 2016.
- ▶ DSA approval anticipated September 2017.
- ▶ Target construction start January 2018.
- ▶ Target occupancy summer 2020.

Budget:

- ▶ \$73.38 million

Programs Include:

- Division Office
- Faculty Offices
- (2) Standard Classrooms
- (1) Large Classroom
- (1) Large Divisible Classroom
- (1) Computer Lab
- (1) Engineering Lab & Support Space
- (6) Biology Labs & Support Space
- (2) Geology Labs & Support Space
- (5) Chemistry Labs & Support Space
- (1) Physics Labs & Support Space
- Student Collaboration Areas





PROJECT UPDATE SANTA ANA COLLEGE BUILDING J DEMOLITION (SCIENCE CENTER)

Project Summary:

- ▶ Relocation of Quick Copy Center into Temporary Village prior to demolition of (3) J Buildings.
- ▶ Relocation of maintenance storage items.
- ▶ Demolition of (3) J Buildings – part of the Science Project.

Current Status:

- ▶ Relocation anticipated for summer 2017.
- ▶ New items to be relocated to be inventoried. Space at Building Z was assessed for reconfiguration of shelving and relocation of items from J Buildings.
- ▶ Target decommissioning activities fall 2017.

Budget:

- ▶ Included in Science Center Budget.



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

Project Summary:

- ▶ New surface parking lot.

Current Status:

- ▶ Architect is revising plans to include walls, columns and fence as requested by the District and the Campus to address neighbor concerns.
- ▶ Plans submitted to City of Santa Ana Department of Public Works on March 8, 2016.
- ▶ Plans submitted to DSA on March 22, 2016. A re-submittal is required due to the revision of the plans.
- ▶ Target construction under review.

Budget:

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





NEW 2016-2017 SCHEDULED MAINTENANCE PROJECTS

Santa Ana College *

State Allocation 2017 \$440,000

- ▶ Lighting Contact/Relays (D, H, L, R, T)
- ▶ Air Compressors (C, K, T)
- ▶ Window Replacement (H)
- ▶ Door Hardware Upgrade

* All projects are in the planning phase



2015-2016 SCHEDULED MAINTENANCE NEW PROJECTS

Santa Ana College

State Allocation 2016

\$1,837,665

- ▶ Roof Replacement (W)
- ▶ Roof Replacement (E, G, K & S)
- ▶ Water Conservation
- ▶ Door Replacement (C, H, L, R, S and OCSRTA)
- ▶ Flooring Repair (Gym)
- ▶ Flooring Repair (Dance)
- ▶ Painting (C, P, S)
- ▶ Waste Oil Tank Removal & Replacement (K)
- ▶ Carpet Replacement (B, L, S) - carryover from SM 2015 - \$149,650.



SANTA ANA
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2015-2016 SCHEDULED MAINTENANCE PROJECTS SANTA ANA COLLEGE

PROJECT	STATUS	ESTIMATED BUDGET
Roof Replacement (W)	Notice of completion approved by Board of Trustees on August 15, 2016. Project to be closed out.	\$357,235
Roof Replacement (E, G, K, S)	Contractor commenced Building K November 4, 2016. Building G will start November 5 & 6, 2016. Building E & S have been completed with a solar roof coating..	\$1,059,100
Waste Oil Tank Replacement	Environmental consultant provided several above ground portable tank options. Options under review by District and campus. Bid was released on November 1, 2016.	\$62,540
Water Conservation	Revisions have been made to the scope of work. Bid documents being developed for release late November 2016.	\$80,000
Door Replacement (C, H, L, R, S, OCSRTA)	Project will be re-bid due to additional license requirements.	\$100,530
Flooring Repair (G)	Phase 1- Gym floor repair was completed on August 4, 2016. Phase 2- Resurface and restripe, schedule TBD.	\$100,005
Dance Room Floor Repair (G)	Architect has completed design drawings.	Included in Flooring Repair Budget
Painting (C, P, S)	Schedule under review. Budget under review. Central Plant coordination of construction activities.	\$78,255 * Budget under review
Carpet Replacement (B, L, S)	Installation in Building B has been completed. Installation in Building S and L has been confirmed for late December 2016.	SM 2015 carryover
TOTAL		\$1,837,665

CURRENT CAPITAL PROJECTS SANTA ANA COLLEGE

PROJECT	STATUS	ESTIMATED BUDGET
Storm Water Management Improvements (Orange County Sheriff's Regional Training Academy)	Construction commenced October 24, 2016 with removal of vegetation, debris and tree trimmings. A 4 inch gravel base will be installed on the undeveloped lot. The undeveloped lot will remain off-limits for parking.	\$153,500
Emergency Blue Phone and Path of Travel (Santa Ana College, Digital Media Center, Centennial Education Center, Orange County Sheriff's Regional Training Academy)	Schematic design cost estimate was received and is under review by the District. Budget is under review.	\$828,300
Chavez Hall Renovation (moved from Measure E Funds)	Currently developing scope of work to remediate/renovate the building. Scope could be completed in phases.	\$230,000



CURRENT REQUESTED PROJECTS SANTA ANA COLLEGE

PROJECT	STATUS	ESTIMATED BUDGET
Football Field Fence & Gate	The District's on-call Architect completed design documents. DSA submittal anticipated for December 2016. Bid documents being developed.	\$27,000 (Redevelopment Fund)
Hammond Hall Clean Room	Second DSA submittal October 2016. The resubmittal addressed revisions which included the new cleanroom support details. DSA is requesting a 3 rd submittal to address additional structural details.	\$113,500 (SAC Grant Funds)
Block Wall (Orange County Sheriff's Regional Training Academy)	Bids received on October 24, 2016. Due to an increase in the overall budget, the District is awaiting direction from the Campus.	\$420,000 (Redevelopment Fund)
All Call Fire Alarm	Project will be completed as part of the Central Plant fire alarm activities and tie in the all-call fire alarm system to the Village.	\$125,000 (under review)



QUESTIONS