

BOARD OF TRUSTEES

NOVEMBER 12, 2013 MEETING

Measure “E”



Facilities Update

Measure “Q”



MEASURE E

ACTIVE MAJOR PROJECT UPDATES

Santa Ana College

- ▶ Perimeter Site Improvements
- ▶ Building “G” Renovation
- ▶ Parking Lot #11 Expansion & Improvements
- ▶ Tessman Planetarium Upgrade & Restroom Addition
- ▶ Temporary Village
- ▶ Central Plant (Design)
- ▶ Chavez Hall Renovation
- ▶ Property Acquisition of 17th St. & Bristol St.

District/Districtwide

- ▶ LED Lighting Upgrade
- ▶ Division of the State Architect Projects Certification

Santiago Canyon College

- ▶ Humanities Building
- ▶ Athletics and Aquatics Center
- ▶ Athletic Field Fencing
- ▶ Orange Education Center Building Certification
- ▶ Science and Math Building
- ▶ Maintenance & Operation Building and Chapman Entry/LRC Parking Lot
- ▶ Student Services Instruction Building
- ▶ New Parking Lot #1

MEASURE Q

MAJOR PROJECT UPDATES

Santa Ana College

- ▶ Dunlap Hall Renovation
- ▶ Central Plant 3 Phases
- ▶ Johnson Center Renovation
- ▶ Science, Technology, Engineering and Mathematics (STEM) Building
- ▶ Health Sciences Building

ACTIVE SCHEDULED MAINTENANCE & OTHER PROJECTS

Santa Ana College

- ▶ Buildings A, F & R Boiler Replacements
- ▶ Parking Lots 6 & 8 Asphalt Overlay & Seal/Striping
- ▶ Russell Hall Guard Rail Repair & Replacement

Santiago Canyon College

- ▶ Building D Boiler Replacement
- ▶ Building D Roofing Replacement
- ▶ Science Building Retro Commissioning
- ▶ Parking Lots 2, 3, 4 & 5 Asphalt Overlay & Seal/Striping

MEASURE at WORK E



MAJOR PROJECT UPDATE

SANTA ANA COLLEGE

PERIMETER SITE IMPROVEMENTS

Project Summary:

- ▶ Renovation of parking lots 1, 2, 3, 4, 5 and 6. Construction of the entries at Bristol and 17th Streets including pedestrian access, landscaping and walkways.
- ▶ Update pedestrian pathways, parking lighting, provide exterior campus signage and graphics for the entire campus.

Current Status:

- ▶ Under construction and target completion is December 2013.
- ▶ This project is behind schedule.

Budget:

- ▶ \$ 7 million





MAJOR PROJECT UPDATE SANTA ANA COLLEGE BUILDING “G” RENOVATION

Project Summary:

- ▶ Replace gym doors and storefront glass at the entrance, replace non-compliant stairs, improve pedestrian access at side walk and parking lot I.
- ▶ Replace exterior building lights with new LED fixtures for energy efficiency.

Current Status:

- ▶ Project is complete.
- ▶ In Division of the State Architect certification phase.

Budget:

- ▶ \$580,000



MAJOR PROJECT UPDATE

SANTA ANA COLLEGE

PARKING LOT #1 EXPANSION & IMPROVEMENTS

Project Summary:

- ▶ Replace the old soccer field with a new parking lot that will include new accessible (ADA) parking and an electric car charging station.
- ▶ The storm drainage system will be enhanced to provide a retention system that will divert storm runoff back into the natural aquifer reducing runoff and pollutants that would otherwise run into the ocean.

Current Status:

- ▶ Plans approved by the Division of the State Architect.
- ▶ Bids rejected. Pending re-bid utilizing Lease-Leaseback construction delivery method.
- ▶ Work is expected to begin in March 2014 with the completion expected in September 2014.

Budget: \$8.8 million





MAJOR PROJECT UPDATE SANTA ANA COLLEGE TESSMAN PLANETARIUM UPGRADE & RESTROOM ADDITION

Project Summary:

- ▶ Renovate the Tessmann Planetarium to comply with accessibility requirements and repurpose the office space for the Veterans Affairs group.
- ▶ Enhance the building exterior.
- ▶ Construct a new restroom annex.

Current Status:

- ▶ Plans approved by the Division of the State Architect.
- ▶ Bids rejected. Pending re-bid utilizing Lease-Leaseback construction delivery method.
- ▶ Work is expected to begin in March 2014 with the completion expected in October 2014.

Budget:

- ▶ \$ 2.3 million



TESSMANN PLANETARIUM





MAJOR PROJECT UPDATE SANTA ANA COLLEGE TEMPORARY VILLAGE

Project Summary:

- ▶ Provide temporary classrooms, lecture halls, and faculty offices for the Dunlap Hall project, the Johnson Building project, as needed.

Current Status:

- ▶ Plans submitted to Division of the State Architects (DSA) for approval.
- ▶ DSA approval is expected in November 2013.
- ▶ Portable building fabrication and installation is planned for Summer 2014 as part of the Lease-Leaseback construction delivery method.

Budget:

- ▶ \$ 5.25 million





MAJOR PROJECT UPDATE SANTA ANA COLLEGE CENTRAL PLANT (DESIGN)

Project Summary:

- ▶ Design of the Central Plant. (excludes construction).
- ▶ Includes the design of a new central cooling plant, calculations required to obtain California Community Colleges/Investment Owned Utilities (CCC/IOU) partnership incentive money, design of underground chilled water piping loop, upgrading existing site gas and domestic water piping systems, sewer, and fire water systems.
- ▶ HVAC system conversion for 8 existing buildings to be connected to the new Central Cooling Plant and the design of a new campus wide energy management system (EMS).
- ▶ The central plant building will be designed to achieve LEED Silver accreditation.
- ▶ Construction of the Central Plant project will be funded under Measure Q.

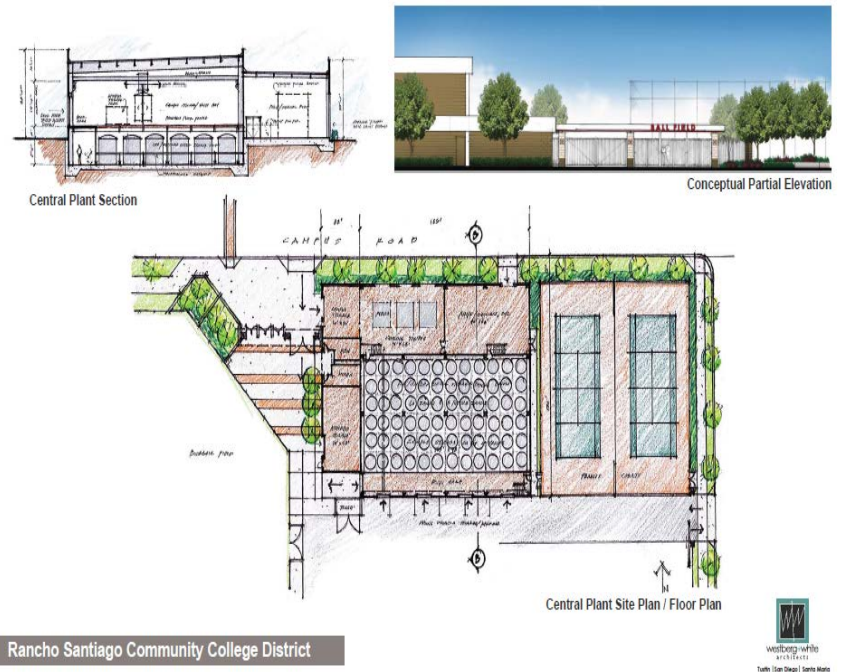
Current Status:

- ▶ Project programming is complete.
- ▶ In the design phase which is expected to be completed in April 2014 .
- ▶ Target construction start is September 2014.

Budget:

- ▶ \$3.43 million
- ▶ Under review.
- ▶ Pending further funding and budget modification.

Santa Ana College - Central Plant Concept





MAJOR PROJECT UPDATE SANTA ANA COLLEGE CHAVEZ HALL PROJECT

Project Summary:

- ▶ Includes an assessment to address the exterior walls, parapet and restore or replace the exterior finish.

Current Status:

- ▶ In design phase.
- ▶ Target construction start is September 2014.

Budget:

- ▶ \$3.5 million
- ▶ Under review.





MAJOR PROJECT UPDATE

SANTA ANA COLLEGE

PROPERTY ACQUISITION OF 17TH/BRISTOL ST.

Project Summary:

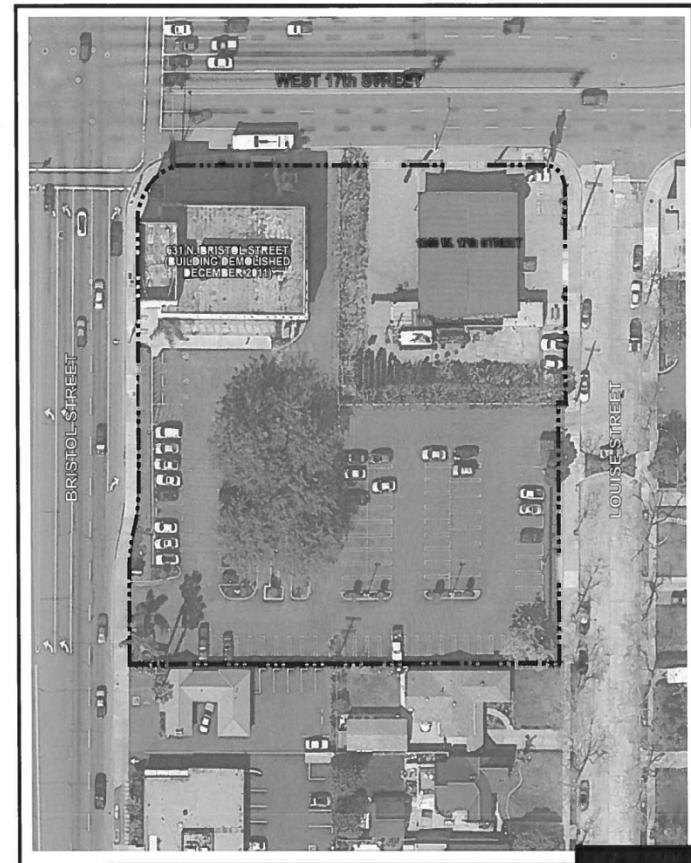
- ▶ Acquisition of property located on 17th and Bristol Streets in the City of Santa Ana.

Current Status:

- ▶ Remediation complete.
- ▶ Awaiting County Health Department site closure.
- ▶ Pending design.
- ▶ Construction to be funded from Measure Q.

Budget:

- ▶ \$5.1 million (acquisition only)





MAJOR PROJECT UPDATE

SANTIAGO CANYON COLLEGE

HUMANITIES BUILDING

Project Summary:

- ▶ The SCC Humanities, Arts, and Social Sciences Building is a 97,500 square foot facility that will house the college's English, Humanities, Modern Languages, Social Science Departments, as well as the Writing Center and Honors Program.
- ▶ The building includes 37 classrooms and a 290-seat lecture hall.

Current Status:

- ▶ Construction is complete.
- ▶ Furniture and equipment order in progress and deliveries anticipated.
- ▶ In Division of State Architect certification phase.

Budget: \$32.7 million





MAJOR PROJECT UPDATE

SANTIAGO CANYON COLLEGE

ATHLETICS AND AQUATICS CENTER

Project Summary:

- ▶ This project is a 72,200 square foot facility that includes a gymnasium, a swimming pool, fitness center, locker rooms, strength lab, training facilities and offices.

Current Status:

- ▶ Construction is complete.
- ▶ Facility is occupied.
- ▶ Installation of the new sound system is to start in December 2013 and completed by February 2014.
- ▶ In Division of the State Architect certification phase.

Budget:

- ▶ \$20 million





MAJOR PROJECT UPDATE

SANTIAGO CANYON COLLEGE

ATHLETIC FIELD SPORTS FIELD FENCING

Project Summary:

- ▶ Installation of the new sports netting and fencing around the renovated softball and soccer field.

Current Status:

- ▶ Plans have been approved by the Division of the State Architect.
- ▶ Pending Bid.
- ▶ Target construction starts February 2014.

Budget:

- ▶ \$235,000





MAJOR PROJECT UPDATE

SANTIAGO CANYON COLLEGE

ORANGE ED CENTER CERTIFICATION

Project Summary:

- ▶ Confirmation of programming and building space including the evaluation of approximately 85,000 sq. ft. of building area to determine level of renovation required.

Current Status:

- ▶ Pending start of programming phase.

Budget:

- ▶ \$5 million*

*Total budget for this project is \$16 M.





MAJOR PROJECT UPDATE

SANTIAGO CANYON COLLEGE SCIENCE AND MATH BUILDING

Project Summary:

- ▶ This is a 60,000 square foot facility that includes 12 state-of-the-art laboratories, 6 large lecture classrooms, and an auditorium seating more than 180, as well as, faculty offices.

Current Status:

- ▶ Construction is complete.
- ▶ In Division of State Architect certification phase.

Budget:

- ▶ \$26.4 million





MAJOR PROJECT UPDATE

SANTIAGO CANYON COLLEGE

MAINTENANCE & OPERATIONS BUILDING

CHAPMAN ENTRY AND LRC PARKING LOT EXPANSION

Project Summary:

- ▶ Construction of a building used to house staff and store equipment and tools that are needed to maintain the campus buildings and grounds.
- ▶ New campus entry off Chapman Avenue that includes a new fire hydrant, catch basin, traffic signal and additional accessible parking spaces.
- ▶ Miscellaneous parking lots and site grading projects.

Current Status:

- ▶ Construction is complete.
- ▶ In Division of State Architect certification phase.

Budget:

\$38 million (Total budget for all SCC Infrastructure.)





MAJOR PROJECT UPDATE

SANTIAGO CANYON COLLEGE

STUDENT SERVICES INSTRUCTION BUILDING

Project Summary:

- ▶ This is a 30,000 square foot building with large classrooms.
- ▶ The building houses admissions, student financial aid and other student support services.

Current Status:

- ▶ Construction is complete.
- ▶ In Division of State Architect certification phase.

Budget:

- ▶ \$8 million





MAJOR PROJECT UPDATE

SANTIAGO CANYON COLLEGE

NEW PARKING LOT #1

Project Summary:

- ▶ Provides nearly 1,000 additional parking spaces between Newport Blvd. and Santiago Canyon Rd.

Current Status:

- ▶ Construction is complete.
- ▶ In Division of State Architect certification phase.

Budget:

- ▶ \$1.04 million





MAJOR PROJECT UPDATE

DISTRICTWIDE

DIVISION OF THE STATE

ARCHITECT CERTIFICATION

Project Summary:

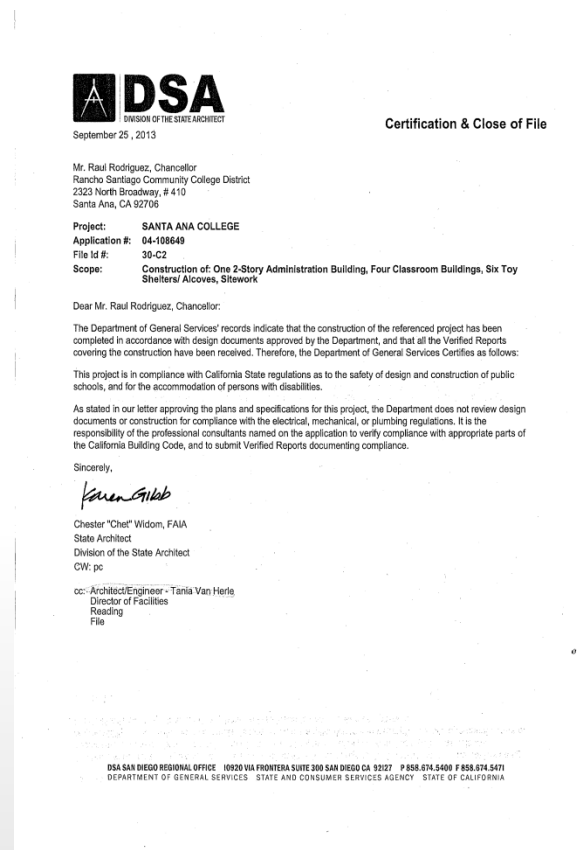
- ▶ Certification and close of file activities for Measure E projects with the Division of the State Architect.

Current Status:

- ▶ Certification efforts ongoing.

Budget:

- ▶ \$1.05 Million





MAJOR PROJECT UPDATE DISTRICT/DISTRICTWIDE LED LIGHTING UPGRADE

Project Summary:

- ▶ Provide an analysis of the energy usage of the lighting system and recommend measures to improve the overall energy efficiency, reduce the electrical energy consumption and associated carbon foot print of the campus and participate in the incentive from California Community College Investor Owned Utilities Statewide Energy Efficiency Partnership Program (CCC/IOU) incentive programs associated with such energy efficiency measures.

Current Status:

- ▶ Study is complete.
- ▶ Project to be completed with anticipated Prop 39 funds.

Budget: \$160,000 (study only)



MEASURE E

COMPLETED PROJECTS (AS OF 11/1/13)

SAC	Expended
▶ Library Renovation	\$ 339,623
▶ CEC Renovation Child Care	\$ 1,662,032
▶ Land Acquisition	\$ 15,962,453
▶ Child Development Center	\$ 10,362,051
▶ Women's Locker Room	\$ 14,455,332
▶ Sheriff's Training Center	\$ 29,121,885
▶ Digital Media Center	\$ 14,000,656
▶ Parking Facilities	\$ 2,046,955
▶ Sheriff Training Academy Road	<u>\$ 56,239</u>
TOTAL SAC Projects	\$ 88,007,226

MEASURE E

COMPLETED PROJECTS (AS OF 11/1/13)

SCC	Expended
Land Acquisition	\$ 24,791,777
OEC Site Acquisition and Construction	\$ 27,554,640
Library/Learning Resource Building	\$ 4,375,350
Student Services/Classroom Bldg.	\$ 8,073,049
Parking Facilities	<u>\$ 1,047,212</u>
TOTAL SCC PROJECTS	\$ 65,842,028
District Wide	
Telephone/Computer Network	<u>\$ 14,056,433</u>
TOTAL DISTRICT WIDE PROJECTS	\$ 14,056,433





MAJOR PROJECT UPDATE SANTA ANA COLLEGE DUNLAP HALL RENOVATION

Project Summary:

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

Current Status:

- ▶ Plans approved by the Division of State Architect.
- ▶ Pending bid utilizing Lease-Leaseback construction delivery method.
- ▶ The work is expected to begin in March of 2014 with target completion expected in June 2015.

Budget:

- ▶ \$14.2 million
- ▶ Under review.
- ▶ Pending further funding and budget modification.





MAJOR PROJECT UPDATE SANTA ANA COLLEGE CENTRAL PLANT (CONST.) PROJECT

Project Summary:

- ▶ Construction of the Central Plant in 3 phases.
- ▶ It includes a new central cooling plant, underground chilled water piping loop as well as upgrading existing site gas and domestic water piping system, sewer, drainage and fire water systems.
- ▶ It will also include HVAC system conversion for 8 existing buildings to be connected to the new Central Cooling Plant and a new campus wide energy management system (EMS).
- ▶ The central plant building will be designed to achieve LEED Silver accreditation.

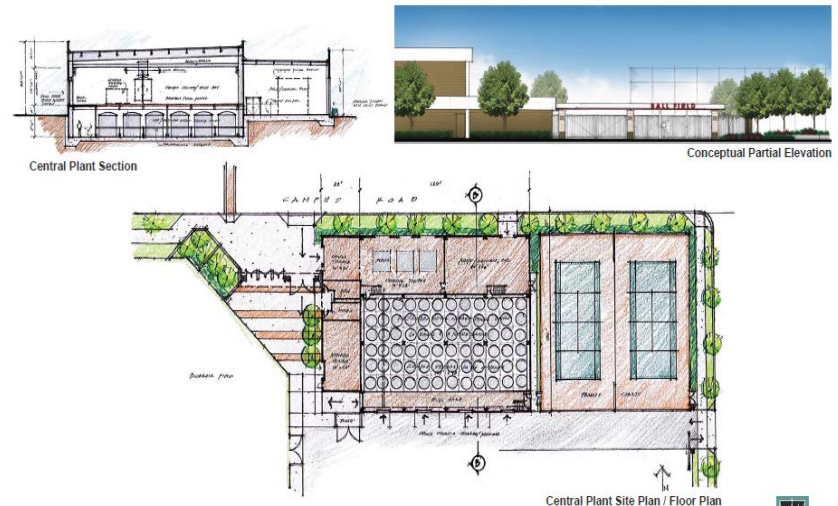
Current Status:

- ▶ Project is in design.
- ▶ First phase of the work is expected to begin in September 2014.

Budget:

- ▶ \$68.1 million
- ▶ Under review.
- ▶ Pending further funding and budget modifications.

Santa Ana College - Central Plant Concept



Rancho Santiago Community College District





MAJOR PROJECT UPDATE SANTA ANA COLLEGE JOHNSON CENTER RENOVATION PROJECT

Project Summary:

- ▶ Renovate the Johnson building to better utilize the space available and repurpose the space to support the new program requirements established by the master plan.
- ▶ The old bookstore annex will be torn down due to seismic safety issues.
- ▶ New elevators will be added to increase accessibility for students and faculty. Measure E funds supported the programming phase. The construction will be funded by Measure Q.

Current Status:

- ▶ Programming is complete.
- ▶ Pending start of design phase in March 2014.
- ▶ Target construction start is June 2015.

Budget:

- ▶ \$16.7 million
- ▶ Under review.





MAJOR PROJECT UPDATE SANTA ANA COLLEGE SCIENCE, TECHNOLOGY ENGINEERING AND MATHEMATICS (STEM)

Project Summary:

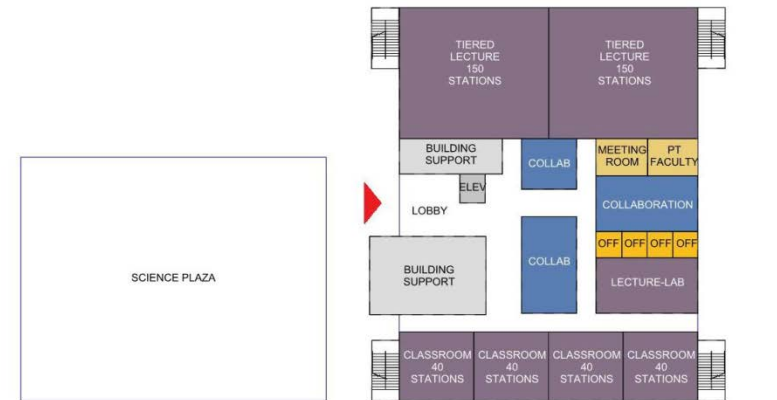
- ▶ Construction of a new 63,100 square foot science and math complex housing modern laboratories, classrooms, lecture halls, and faculty offices.

Current Status:

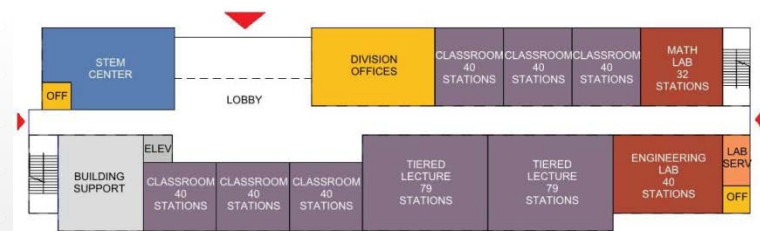
- ▶ The project is in the planning stages.
- ▶ Pending start of programming phase in February 2014.
- ▶ Target construction phase start summer 2015.

Budget:

- ▶ \$66 million
- ▶ Under review.



HEALTH SCIENCE BUILDING- LEVEL ONE



STEM BUILDING - LEVEL ONE
SCALE: 1/32" = 1'-0"



MAJOR PROJECT UPDATE SANTA ANA COLLEGE HEALTH SCIENCES PROJECT

Project Summary:

- ▶ Construction of a 55,138 square foot 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:

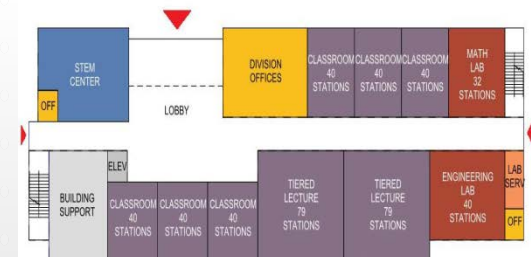
- ▶ This project has been submitted to the state for future funding.
- ▶ Design and construction start to be determined.

Budget:

- ▶ \$50 million
- ▶ Under review.

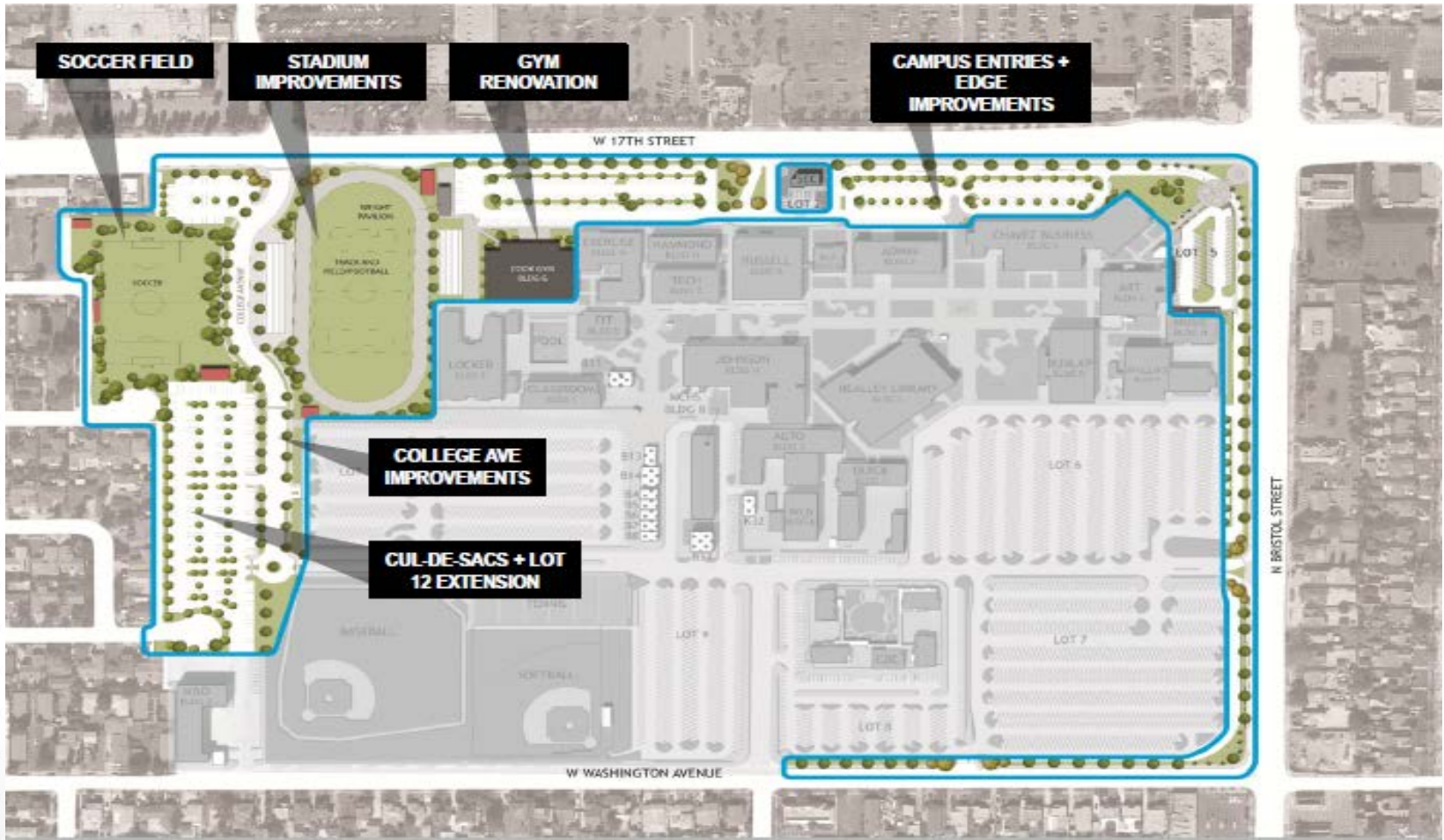


HEALTH SCIENCE BUILDING- LEVEL ONE



STEM BUILDING - LEVEL ONE

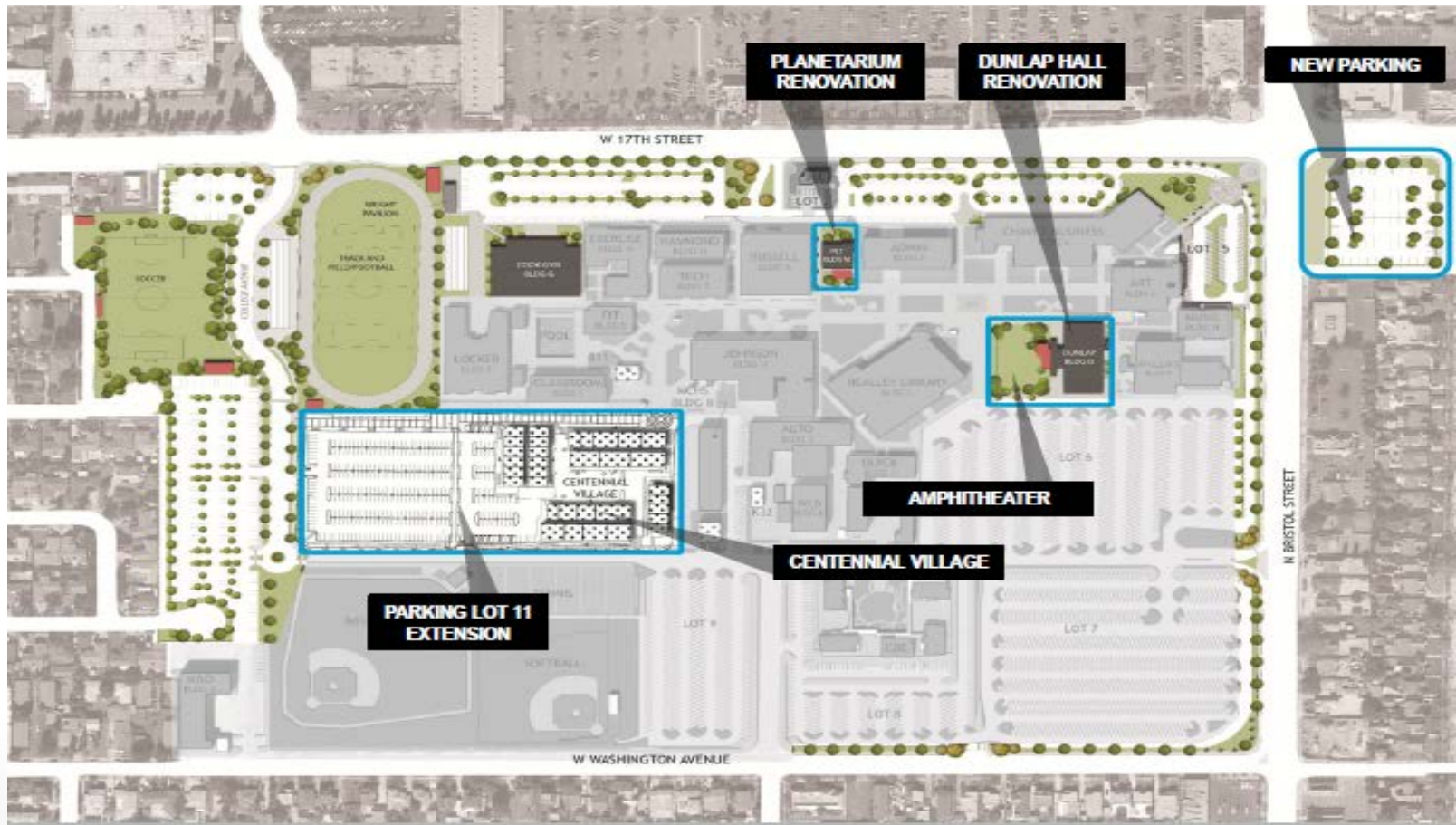
SCALE 1/32" = 1'-0"

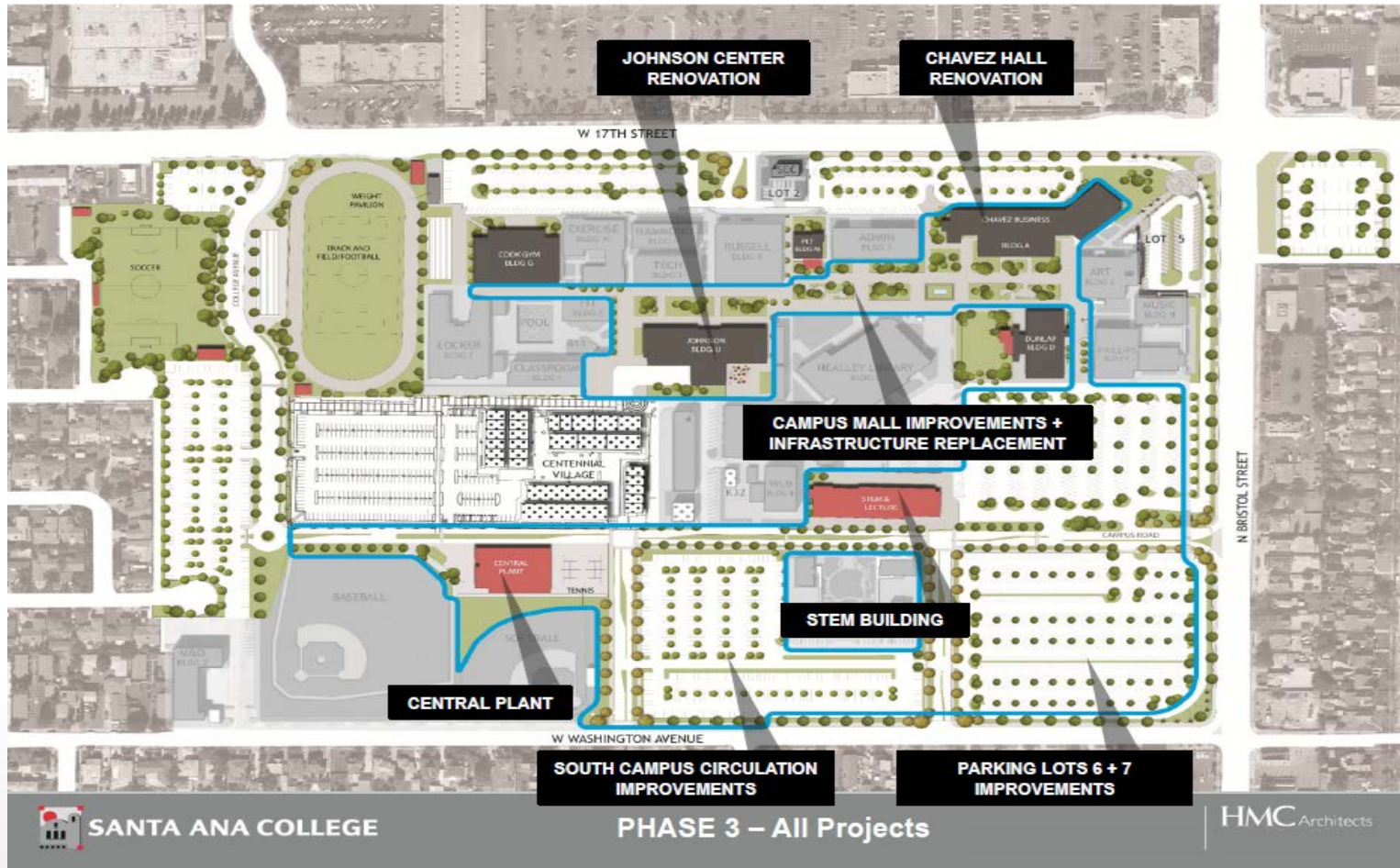


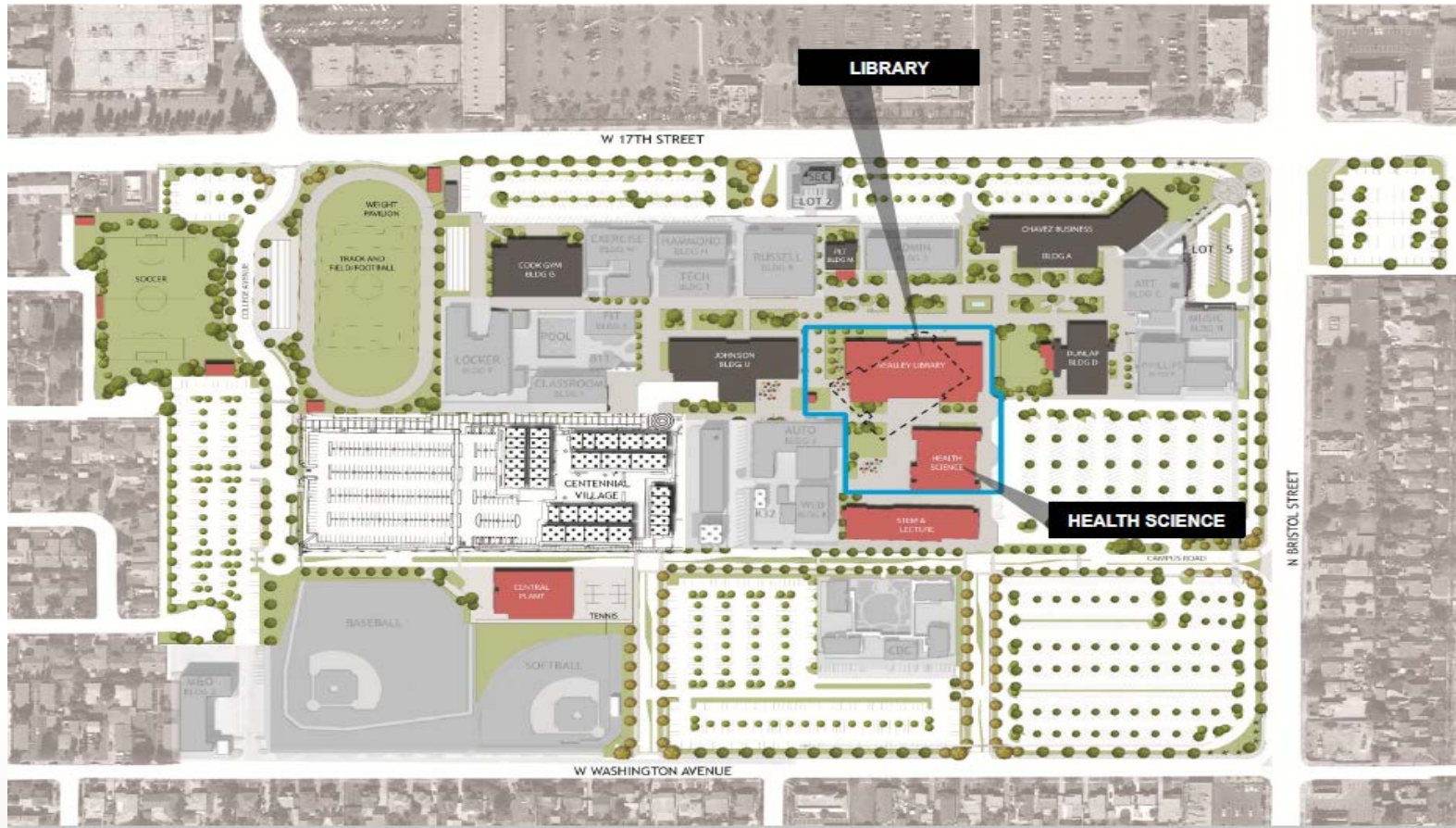
SANTA ANA COLLEGE

PHASE 1 – All Projects

HMC Architects







MEASURE Q
MASTER PROGRAM BUDGET
(BASED ON NO STATE FUNDING)

****ESTIMATED**

TARGET

<u>PROJECT</u>	<u>TOTAL BUDGET</u>	<u>STATUS</u>	<u>CONSTRUCTION</u>
❖ Dunlap Hall Renovation	\$14.2 M	Pending Bid	Mar 2014 - June 2015
❖ 17 th & Bristol Parking Lot	\$ 1.6 M	Pending Design	June 2014-Sept 2014
❖ Central Plant 3 Phases	\$68.1 M	In Design	Sept 2014 – Jan 2017
❖ Johnson Center Reno	\$16.7 M	Programming	June 2015 – Aug 2016
❖ STEM Building	\$66 M	Programming	March 2015 – May 2018
❖ *Health Sciences Building	\$50 M	Pending	To Be Determined
TOTAL	\$216.6 M		

*State Funding Eligible \$19 M

**Includes construction, design and owner contingencies



SCHEDULED MAINTENANCE and Other Projects

SCHEDULED MAINTENANCE PROJECT UPDATE SANTA ANA COLLEGE BUILDINGS A, F & R BOILER REPLACEMENTS

Project Summary:

- ▶ Remove and replace existing boilers.
- ▶ The existing boilers at Building A, F & R have been deemed by the Air Quality Management Department (AQMD) to be in non-compliance with the existing state standards

Current Status:

- ▶ Project is under construction.
- ▶ Target completion date is December 2013.

Budget:

- ▶ \$359,900



SCHEDULED MAINTENANCE PROJECT UPDATE SANTA ANA COLLEGE PARKING LOT ASPHALT OVERLAY AND SEAL/STRIPING

Project Summary:

- ▶ Provide new asphalt, slurry, and striping work on the majority of the existing campus parking lots 6 & 8.

Current Status:

- ▶ Construction is complete.

Budget:

- ▶ \$475,027



OTHER PROJECT UPDATE

SANTA ANA COLLEGE

RUSSELL HALL GUARD RAIL

EMERGENCY REPAIR AND REPLACEMENT

Project Summary:

- ▶ Remove, repair and replace guard rail screen system on second and third floors of the Russell Hall.

Current Status:

- ▶ The project design is complete and plans have been submitted to the Division State Architect (DSA) for approval.
- ▶ Target construction December 2013.

Budget:

- ▶ \$400,000



SCHEDULED MAINTENANCE PROJECT UPDATE

SANTIAGO CANYON COLLEGE

BUILDING “D” BOILER REPLACEMENT

Project Summary:

- ▶ Remove and replace the existing boilers.
- ▶ The existing boilers at Building ‘D’ have been deemed by the Air Quality Management Department (AQMD) to be in non-compliance with the existing state standards.

Current Status:

- ▶ Project is under construction.
- ▶ Target completion date is December 2013.

Budget:

- ▶ \$115,700



SCHEDULED MAINTENANCE PROJECT UPDATE

SANTIAGO CANYON COLLEGE

PARKING LOT ASPHALT OVERLAY AND SEAL/STRIPING

Project Summary:

- ▶ Provide new asphalt, slurry, and striping work on the majority of the existing campus parking lots 2, 3, 4 and 5.

Current Status:

- ▶ Construction is complete.

Budget:

- ▶ \$750,000



SCHEDULED MAINTENANCE PROJECT UPDATE

SANTIAGO CANYON COLLEGE

BUILDING “D” ROOFING REPLACEMENT

Project Summary:

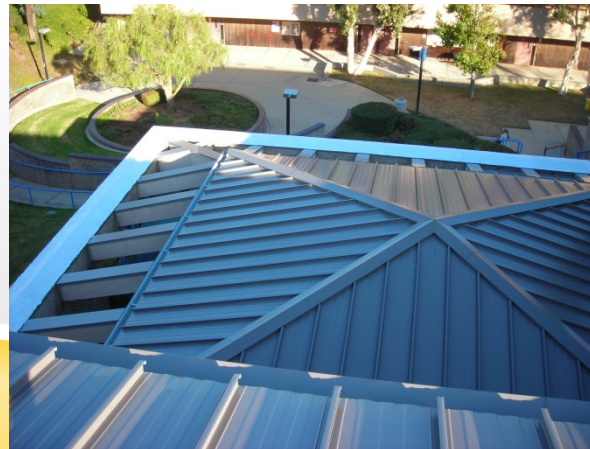
- ▶ Remove and replace roof with a new roofing system.

Current Status:

- ▶ Construction is complete.

Budget:

- ▶ \$650,000



SCHEDULED MAINTENANCE PROJECT UPDATE

SANTIAGO CANYON COLLEGE

BUILDING “D” INTERIOR UPGRADES

Project Summary:

- ▶ Renovate interior and repurpose classrooms.

Current Status:

- ▶ Design pending.

Budget:

- ▶ \$1 M
- ▶ Under review.



ACTIVE PROP 39 PROJECTS

Santa Ana College

- ▶ *Replace interior lights with LED
- ▶ *Replace exterior HPS with LED lights

District Office

- ▶ **Replace interior lights with LED
- ▶ HVAC Upgrade

* Year 1 Prop 39 funding

**Year2 Prop 39 funding

Santiago Canyon College

- ▶ **Replace interior lights with LED
- ▶ **Replace exterior HPS with LED lights
- ▶ *Retro commissioning for Science and Math Building



**Santiago
Canyon
College**

▶ **QUESTIONS?**



RANCHO SANTIAGO
Community College District



SANTA ANA

COLLEGE



Santiago
Canyon
College