

AGENDA

COMMITTEE ON CAMPUS PLANNING, BUILDINGS AND GROUNDS

Meeting: 1:45 p.m., Tuesday, September 22, 2020
Virtually via Teleconference

Jane W. Carney, Chair
Lateefah Simon, Vice Chair
Larry L. Adamson
Rebecca D. Eisen
Romey Sabalius
Peter J. Taylor

- Consent**
1. Approval of Minutes of the Meeting of July 21, 2020, *Action*
 2. California State University, San Bernardino, College of Arts and Letters/Theater Building Renovation and Addition, *Action*
- Discussion**
3. Preliminary Multi-Year Capital Program, *Information*

**MINUTES OF THE MEETING OF THE
COMMITTEE ON CAMPUS PLANNING, BUILDINGS AND GROUNDS**

**Trustees of the California State University
Office of the Chancellor
Glenn S. Dumke Auditorium*
401 Golden Shore
Long Beach, California**

July 21, 2020

Members Present

Jane W. Carney, Chair
Lateefah Simon, Vice Chair
Larry L. Adamson
Rebecca D. Eisen
Romey Sabalius
Peter J. Taylor
Lillian Kimbell, Chair of the Board
Timothy P. White, Chancellor

Trustee Jane W. Carney called the meeting to order.

Public Comment

Due to the virtual format of the July 21-22, 2020 meeting, all public comment took place at the beginning of the meeting's open session prior to all committees. Public comment pertaining to the Committee on Campus Planning, Buildings and Grounds was made by five public speakers representing the City of Fullerton, the CSU Fullerton student body, and the local academic, philanthropic, and business communities spoke in support of the CSU Fullerton Master Plan.

Approval of Minutes

The minutes of the May 12, 2020 meeting of the Committee on Campus Planning, Buildings and Grounds were approved as submitted.

***PLEASE NOTE: Due to the Governor's proclamation of a State of Emergency resulting from the threat of COVID-19, and pursuant to the Governor's Executive Orders N-25-20 and N-29-20 issued on March 12, 2020 and March 17, 2020, respectively, all members of the Board of Trustees may participate in meetings remotely, either by telephonic or video conference means. Out of consideration for the health, safety and well-being of the members of the public and the Chancellor's Office staff, the July 21-22, 2020 meeting of the CSU Board of Trustees was conducted entirely virtually via Zoom teleconference.**

California State University, Long Beach Housing Expansion Phase 1 – Housing Administration and Commons Building Project Supplemental Environmental Impact Report

This item shared information and requested approval and certification of the Supplemental Environmental Impact Report for the Long Beach Housing Administration & Commons Building project. This project is the second portion of a project that the Board of Trustees approved in November 2018 to increase student housing and replace existing office space. The Board of Trustees approved the schematic design and financing for the new student housing component in July 2019 and that phase of the project has moved forward to construction. This item addressed the additional environmental review needed for the remaining project scope to replace the Hillside housing office and commons space.

The committee recommended approval of the proposed resolution (RCPBG 07-20-03).

California State University, Fullerton Master Plan Update and Enrollment Ceiling Increase

Information was shared and approval requested for the California State University, Fullerton Campus Master Plan Update and Certification of the Final Environmental Impact Report. The last master plan revision for the campus occurred in 2003.

Following the presentation, the trustees asked about enrollment growth and how convenience spaces were designed into the plan given the confined available space.

The committee recommended approval of the proposed resolution (RCPBG 07-20-04).

California State University Enrollment Demand, Capacity Assessment, and Cost Analysis Report for Campus Sites

The findings of the Capacity Assessment report were presented. The study was conducted in response to the 2019-2020 Budget Act, in which the legislature called for the study of projected enrollment, physical capacity to serve students, and workforce needs to assess the need for a new CSU campus in the cities of Concord, Chula Vista, Palm Desert, and the Counties of San Mateo and San Joaquin.

Following the presentation, the trustees asked about the subject cities' involvement in the sessions facilitated by the consultants and the extent to which the current COVID-19 pandemic and on-line learning were considered in the report. The trustees also asked how future enrollment and population changes were estimated, what the estimated costs for building branch campuses is, and the role of the Chancellor's Office in helping off-campus centers analyze how to best serve their local communities.

Affordable Housing at the California State University

A presentation on the CSU's Student Housing was made, as requested by the Board of Trustees in July 2019. The scope of the report expanded further based on legislative interest and language in the Budget Act of 2019-2020 related to an affordable housing report for the CSU.

Following the presentation, the trustees commented on the possibility of including affordability as a consideration when proposing new housing projects and utilization of financing to keep housing rates more affordable. The trustees also commented on the need to analyze per bed operating costs, the need to engage in value engineering to drive down cost per square foot, the high rent some students must pay at non-metropolitan campuses, and the need to re-examine requirements for students to live on campus.

The trustees also inquired about the impact of COVID-19, and if the CSU is increasing housing assistance to families whose livelihoods have been affected by the pandemic.

Trustee Carney adjourned the Committee on Campus Planning, Buildings and Grounds.

COMMITTEE ON CAMPUS PLANNING, BUILDINGS AND GROUNDS

California State University, San Bernardino, College of Arts and Letters/Theater Building Renovation and Addition

Presentation By

Steve Relyea
Executive Vice Chancellor and
Chief Financial Officer

Tomás D. Morales
President
California State University, San Bernardino

Elvyra F. San Juan
Assistant Vice Chancellor
Capital Planning, Design and Construction

Summary

This item requests the California State University Board of Trustees approve schematic plans for the California State University, San Bernardino, College of Arts and Letters/Theater Building Renovation and Addition. In November 2018, the Board of Trustees added the project to the 2019-2020 Five-Year Capital Outlay Plan and approved financing for the project.

College of Arts and Letters/Theater Building Renovation and Addition Schematic Design

CM at Risk Contractor: Rudolph and Sletten

Architect: HGA Architects and Engineers

Background and Scope

California State University, San Bernardino wishes to proceed with design and construction of the College of Arts and Letters/Theater Building Renovation and Addition, which consists of a new theater building (#20A) located south of the existing Performing Arts building (#20¹), a faculty office building for the College of Arts and Letters (#52) to the west, and renovation of select vacated space within the existing Performing Arts building. The academic building has been situated to preserve the landscaped area west of the existing Performing Arts building which will create a College of Arts and Letters courtyard for congregation and collaboration.

¹ The facility number is shown on the master plan map and recorded in the space and facilities database.

CPB&G

Agenda Item 2

September 20-23, 2020

Page 2 of 6

The existing Performing Arts building was constructed in 1977 and is functionally obsolete as a music and theater arts teaching and performance facility. The practice rooms and rehearsal space do not accommodate the current student population and lack appropriate acoustical soundproofing.

Theater Building

The new three-story 39,711 assignable square foot (ASF)/74,817 gross square foot (GSF) theater building will include a 500-seat little theater, support spaces, music practice and rehearsal spaces, and 14 faculty teaching offices. The first floor will be highlighted by the theater and include instructional activity space including a large instrumental rehearsal hall, medium choral rehearsal hall, percussion room, and scene shop. The second floor will efficiently fill in areas not in use from the double volume height of the first floor to house faculty teaching offices. The garden level will include the stage trap, dressing rooms, green room, small and medium practice rooms, recording studio, and instrument storage lockers.

College of Arts and Letters Building

The 10,043 ASF/19,020 GSF College of Arts and Letters academic building will provide a home for the College and relocate the communications department, dean's suite, and the college advising office from University Hall (#26). The new two-story building will provide 30 faculty offices and increase capacity to serve 140 full-time equivalent students (FTES).

The first floor will house the dean's suite, college advising office, and a 60-seat lecture room while the second floor will include faculty offices for the communications department. Pedestrian improvements to the green space west of the existing Performing Arts building will provide access and gathering space between the new and existing buildings.

The theater building will be a steel braced frame structure with an aluminum storefront and building skin featuring glass, composite concrete and metal panel. The academic building will also be a braced frame structure with an aluminum storefront and building skin featuring a combination of glass, metal and ceramic panels, and limestone plaster. Roof coverings for both buildings will use a single-ply membrane roofing system with conduits and supports installed for future solar photovoltaic installation. The architectural vocabulary of the buildings reflects surrounding and recently constructed campus buildings.

Performing Arts Renovation

This project will also backfill and renovate 11,631 ASF/12,145 GSF in the existing Performing Arts building adding capacity for 137 FTES. The renovation will refresh highly utilized areas within the building interior. The first-floor renovation will expand the costume shop, repurpose existing rehearsal spaces to create a 60-seat lecture room, expand the theater design studio, and relocate the acting studio and puppet shop from Chaparral Hall. The second-floor renovation will repurpose small practice rooms and music faculty offices to relocate the college information technology support office from University Hall.

Sustainable design features include LED lighting fixtures, low-flow plumbing fixtures, indirect natural daylighting, an energy-efficient HVAC system, and drought-tolerant landscaping. Infrastructure for potential future rooftop solar photovoltaic installation will also be in place as part of this project. The project will seek LEED Silver Certification.

Timing (Estimated)

Preliminary Plans Completed	December 2020
Working Drawings Completed	June 2021
Construction Start	November 2021
Occupancy	September 2024

Basic Statistics

Theater Building Addition

Gross Building Area	74,817 square feet
Assignable Building Area	39,711 square feet
Efficiency	53 percent

College of Arts and Letters Building

Gross Building Area	19,020 square feet
Assignable Building Area	10,043 square feet
Efficiency	53 percent

Theater Building Renovation

Gross Building Area to be renovated	12,145 square feet
Assignable Building Area to be renovated	11,631 square feet
Efficiency	96 percent

Cost Estimate – California Construction Cost Index (CCCI) 6840²

Theater Addition Building Cost (\$797 per GSF)	\$59,639,000
--	--------------

Systems Breakdown

	<i>(\$ per GSF)</i>
a. Substructure (Foundation)	\$ 49.47
b. Shell (Structure and Enclosure)	\$ 212.87
c. Interiors (Partitions and Finishes)	\$ 156.30
d. Services (HVAC, Plumbing, Electrical, Fire)	\$ 210.45
e. Built-in Equipment and Furnishings	\$ 47.81
f. Special Construction and Demolition	\$ 6.54
g. General Conditions and Insurance	\$ 113.70

² The July 2018 *Engineering News-Record* California Construction Cost Index (CCCI). The CCCI is the average Building Cost Index for Los Angeles and San Francisco.

College of Arts and Letters Building Cost (\$571 per GSF) \$10,860,000

<i>Systems Breakdown</i>	<i>(\$ per GSF)</i>
a. Substructure (Foundation)	\$ 26.39
b. Shell (Structure and Enclosure)	\$ 174.29
c. Interiors (Partitions and Finishes)	\$ 101.89
d. Services (HVAC, Plumbing, Electrical, Fire)	\$ 171.98
e. Built-in Equipment and Furnishings	\$ 17.14
f. Special Construction and Demolition	\$ 0.00
g. General Conditions and Insurance	\$ 79.28

Theater Renovation Building Cost (\$265 per GSF) \$3,222,000

<i>Systems Breakdown</i>	<i>(\$ per GSF)</i>
a. Shell (Structure and Enclosure)	\$ 17.29
b. Interiors (Partitions and Finishes)	\$ 51.05
c. Services (HVAC, Plumbing, Electrical, Fire)	\$ 136.02
d. Built-in Equipment and Furnishings	\$ 7.66
e. Special Construction and Demolition	\$ 16.88
f. General Conditions and Insurance	\$ 33.88

Site Development (includes landscaping) \$6,273,000

Construction Cost \$79,994,000
 Fees, Contingency, Services 24,506,000

Total Project Cost (\$606 per GSF) \$105,000,000
 Fixtures, Furniture and Movable Equipment 6,500,000

Grand Total \$111,000,000

Cost Comparison

Theater Building

This project's theater/performing arts new construction building cost of \$797 per GSF is higher than the \$620 per GSF for the CSU Northridge Performing Arts Center approved in March 2006, and lower than the \$913 per GSF for the performance hall component for the Sonoma State Green Music Center approved in January 2005, and all adjusted to CCCI 6840.

College of Arts and Letters Building

This project's academic new construction building cost of \$571 per GSF is lower than the CSU, Long Beach College of Continuing and Professional Education building at \$576 per GSF and higher than the \$534 per GSF music and faculty office component of the Sonoma State Green Music Center, all adjusted to CCCI 6840.

One of the primary areas of cost difference is in building services which includes HVAC. These buildings include a radiant floor heating and cooling system as well as a ventilation system to provide temperature control. Although this provides for higher first cost, it proves more economical in a life cycle cost analysis.

Funding Data

The project funding will be in part from campus designated capital reserves (\$7.1 million), with the balance (\$103.9 million) financed by the CSU Systemwide Revenue Bond Program.

California Environmental Quality Act (CEQA) Action

This project was analyzed in the Final Environmental Impact Report (EIR) prepared for the California State University, San Bernardino Campus Master Plan. The EIR was certified by the Board of Trustees in September 2017. The university completed a Finding of Consistency in June 2020 for this project, which identified minor changes and determined that implementation of this project would not result in any new or substantially more severe impacts as outlined in Section 15164(a) of the CEQA Guidelines. This project is consistent with all required mitigation measures as previously certified. The Finding of Consistency is available on the CSU, San Bernardino Master Plan website.

Recommendation

The following resolution is presented for approval:

RESOLVED, by the Board of Trustees of the California State University, that:

1. The September 2017 Final EIR for the California State University, San Bernardino Master Plan and the June 2020 Finding of Consistency prepared for the College of Arts and Letters/Theater Building Renovation and Addition project have been prepared in accordance with the requirements of the California Environmental Quality Act.
2. The California State University, San Bernardino College of Arts and Letters/Theater Building Renovation and Addition is consistent with the Campus Master Plan approved in September 2017.

CPB&G

Agenda Item 2

September 20-23, 2020

Page 6 of 6

3. The project will benefit the California State University.
4. The schematic plans for California State University, San Bernardino College of Arts and Letters/Theater Building Renovation and Addition are approved at a project cost of \$111,000,000 at CCCI 6840.
5. The campus will continue to work with Capital Planning, Design and Construction to evaluate the design and materials selection to lower project costs. Any project savings realized shall be applied to renovation of the existing Performing Arts Building.

COMMITTEE ON CAMPUS PLANNING, BUILDINGS AND GROUNDS

Preliminary Multi-Year Capital Program

Presentation By

Steve Relyea
Executive Vice Chancellor and
Chief Financial Officer

Elvyra F. San Juan
Assistant Vice Chancellor
Capital Planning, Design and Construction

Summary

This item provides information on the California State University Preliminary Multi-Year Capital Program for facilities renewal, modernization, and improvements. The preliminary program can be found at: <https://www2.calstate.edu/csu-system/doing-business-with-the-csu/capital-planning-design-construction/Pages/cpdc-resource-library.aspx?&FilterField1=FormType&FilterValue1=Major Capital Outlay Program>. The Final Multi-Year Capital Program will be presented to the Board of Trustees in November 2020 for approval.

The preliminary list of capital projects is included as Attachment A. The Infrastructure Improvement Program, which is a subset of the Multi-Year Capital Program and generally includes smaller projects that address critical infrastructure replacements and upgrades, is detailed beginning on page 2 of Attachment A. The projects are listed in alphabetical order and will be prioritized in the November submission based on available funding and systemwide need. The campuses have identified a need of over \$23 billion as part of the Multi-Year Capital Program.

Since 2014, more than \$5.9 billion has been approved to fund or finance projects to modernize existing facilities and support increased student enrollment. The initial recommendation for the development of the 2021-2022 operating budget request is to include a base budget increase of \$10 million to fund approximately \$180 million in facilities infrastructure and improvements. Given the tremendous need and likelihood that many projects will go unfunded, the board will be asked in November to approve the priority list with the expectation it will take multiple years to fund. This approach will reduce future campus workload in the development and submittal of their five-year facilities improvement plan.

Preliminary Multi-Year Capital Program Overview

The primary objective of the Capital Outlay Program is to develop facility plans appropriate to the CSU's educational programs, create environments conducive to learning, and ensure that the quality and quantity of facilities at each of the 23 campuses serve the students equally well. The CSU Board of Trustees has established Categories and Criteria to set capital program priorities to inform campuses as they develop and consider proposed campus projects. The Categories and Criteria¹ place an emphasis on projects that correct structural and health and safety code deficiencies by addressing infrastructure integrity, fire and life safety problems and promoting code compliance in existing facilities.

The Preliminary Multi-Year Capital Program is submitted to the state legislature and the Department of Finance each September with a final plan to be submitted in December. After the preliminary plan is submitted to the Board of Trustees, the Chancellor's Office staff continues to work with campuses to review the scope, budget, and schedule of the proposed projects in order to submit final project descriptions and justifications to the Board of Trustees in November and to the state in December.

The program identifies the campuses' capital project priorities to address facility deficiencies and accommodate student enrollment growth. Campuses have identified a funding need of \$23 billion for the five-year period beginning in 2021-2022, including \$16.4 billion for academic facilities and \$6.6 billion for self-support facilities. The priority projects campuses have requested for 2021-2022 includes requests for \$3.7 billion to address academic facilities and \$65 million for self-support facilities.

Funding the Multi-Year Capital Outlay Program

Funding to address CSU's facilities needs relies primarily on an increase to the CSU base operating budget. Absent additional funding, most projects on the academic project Priority List will not move forward. However, we are seeking Board of Trustees approval for these projects in case funding becomes available, for instance from federal or state funding.

Our operating budget request could include a \$10 million increase in base funding to support capital projects, which would finance approximately \$180 million for capital improvement projects. Given the need to annually reinvest in campus facilities as buildings age and systems reach the end of their useful life, this amount is not sufficient. However, it will enable campuses to make continued progress to extend the use of existing facilities. With the full fiscal impacts of COVID-19 still uncertain, campuses are working to manage their reserves and determine if funds budgeted for deferred maintenance and capital improvements remain available. As a result, the system is no longer requiring campuses to provide 10 percent co-funding on planned projects.

¹ Approved by the board in March 2019, RCPBG 03-19-02.

We have in the past submitted an annual Multi-Year Capital Program to the Board of Trustees. This year, in an effort to streamline our processes and limit the administrative burden on campuses, we propose that the Program submitted to the Board of Trustees for action in November 2020 be considered for a two-year approval, which will allow projects to occur over a longer timeframe to more closely match available capital outlay funding.

2020-2021 Facilities Funding Update

The 2020-2021 facilities improvement plan was developed based on a general obligation bond that unfortunately was not successful. After the failure of Proposition 13, we planned to fund projects with a mix of campus funding and systemwide revenue bonds. However, due to the recession and support budget reductions anticipated over the next few years, we propose delaying 6 approved projects and focusing on funding infrastructure priorities across the 23 campuses. These priorities include making campuses more resilient in the event of power shutoffs or shortages; protection from severe weather; and improved fire life safety.

Capacity Assessment and Future Planning

The development of the Multi-Year Capital Program will be guided by past practice, current events and data from the recently released [*California State University Enrollment Demand, Capacity Assessment, and Cost Analysis for Campus Sites*](#) (Capacity Study). The Capacity Study determined that the projected 2035 enrollment demand is greater than current capacity by 43,000 FTE. However, the projected increase alone does not justify the development of a new campus at any of the five evaluated locations, assuming all 23 campuses are fully built-out to their approved master plans. With uncertainty in the availability of funding for such construction, the CSU will have to look for other ways to meet the projected 2035 enrollment demand.

The impact COVID-19 will have on our long-term space usage and needs continues to evolve. During the pandemic, the creativity of our faculty and staff demonstrated that we can effectively deliver content virtually. We will continue to evaluate how this affects our physical capacity needs and investigate ways to continue a remote learning strategy.

We will also look for ways to address capacity challenges and accommodate increasing demand through summer enrollment. This approach could support students in attaining their goals and allow the CSU to further leverage existing physical capacity. A long-term funding commitment would enable a greater number of students and faculty to participate in the summer term, particularly at campuses where high-cost impacted degree programs are needed to fulfill projected workforce demand.

Given the projected enrollment increase, CSU will need to continue to support traditional and non-traditional teaching environments to provide student access to instructional delivery. The reduced funding levels from the state impair CSU's stewardship and reinvestment in keeping up with the renewal needs of aging buildings and reinforces the need to re-think academic program delivery as austere times will continue as the state recovers from the pandemic.

Conclusion

The Final Multi-Year Capital Program will be presented for approval at the November 2020 meeting of the Board of Trustees.

Preliminary 2021-2022 Capital Outlay Program

Cost Estimates are at Engineering News Record California Construction Cost Index 7528 and Equipment Price Index 4281

ACADEMIC PROJECTS LIST - ALPHA ORDER

(Dollars in 000s)

Priority Order	Category	Campus	Project Title	FTE	Phase	Campus Reserves/ Other	SRB-AP ¹	Total Budget	Cumulative Total Budget	Cumulative SRB-AP Budget
1	IA	Statewide	Infrastructure Improvements ³	N/A	PWC	75,356	1,065,321	1,140,677	1,140,677	1,065,321
2	II	Bakersfield	Energy and Engineering Innovation Building ⁴	336	PWCE	4,660	71,324	75,984	1,216,661	1,136,645
3	IB	Chico	Butte Hall Replacement	224	PWCE	9,651	89,012	98,663	1,315,324	1,225,657
4	IA	Chico	Utilities Infrastructure ⁵	N/A	PWC	6,742	82,896	89,638	1,404,962	1,308,553
5	IB	Dominguez Hills	Natural Sciences & Math Bldg. (Seismic) & Classroom Reno.	400	WCE	0	74,619	74,619	1,479,581	1,383,172
6	II	Dominguez Hills	Child Care & Child Development Center	N/A	PWCE	0	33,826	33,826	1,513,407	1,416,998
7	IA	East Bay	Library Seismic (West Wing Relocations)	N/A	PWCE	2,297	20,671	22,968	1,536,375	1,437,669
8	IB	Fresno	Central Plant/HVAC Replacement, Ph. 2 & 3	N/A	PWC	0	106,316	106,316	1,642,691	1,543,985
9	IB	Fullerton	Science Laboratory Replacement (Seismic)	1,719	PWCE	7,864	84,913	92,777	1,735,468	1,628,898
10	IB	Humboldt	Science Replacement Building	299	PWCE	5,243	62,344	67,587	1,803,055	1,691,242
11	IB	Long Beach	Peterson Hall 1 Replacement Bldg. (Seismic)	-2,131	PWCE	10,000	134,628	144,628	1,947,683	1,825,870
12	IA	Los Angeles	Classroom Replacement	5,907	PWCE	0	97,112	97,112	2,044,795	1,922,982
13	II	Maritime Academy	Academic Building A/Learning Commons, Part 1	36	PWCE	1,823	83,477	85,300	2,130,095	2,006,459
14	II	Monterey Bay	Academic Building IV	657	PWCE	10,066	100,161	110,227	2,240,322	2,106,620
15	IB	Sacramento	Engineering Replacement Building	80	PWCE	18,846	90,238	109,084	2,349,406	2,196,858
16	IB	San Diego	Life Science North Replacement	N/A	PWcCE	50,097	101,711	151,808	2,501,214	2,298,569
17	IB	San Francisco	Thornton Hall Renovation	354	PWCE	17,904	161,139	179,043	2,680,257	2,459,708
18	IB	San Luis Obispo	Kennedy Library Renovation	0	PWCE	4,120	37,082	41,202	2,721,459	2,496,790
19	II	San Marcos	Classroom/Lab/Office Building	1,024	PWCE	2,258	55,916	58,174	2,779,633	2,552,706
20	IB	Sonoma	Ives Hall Renovation	0	PWC	0	42,900	42,900	2,822,533	2,595,606
21	II	Stanislaus	Classroom II	1,917	PWCE	3,688	84,912	88,600	2,911,133	2,680,518
Total Academic Projects				10,822		\$ 230,615	\$ 2,680,518	\$ 2,911,133	\$ 2,911,133	\$ 2,680,518

SELF-SUPPORT / OTHER PROJECTS LIST

(Dollars in 000s)

Alpha Order	Category	Campus	Project Title	Spaces	Phase	Campus Reserves/ Other Budget	SRB-SS ²	Total Budget	Cumulative Total Budget	Cumulative SRB-SS Budget
1	IB	Monterey Bay	Stadium Repairs	N/A	PWC	9,034	0	9,034	9,034	0
2	IB	San Francisco	Seven Hills Conference Center Sprinklers	N/A	PWCE	0	1,209	1,209	10,243	1,209
3	II	San José	Spartan Athletics Center	N/A	PWCE	50,000	0	50,000	60,243	1,209
4	IB	San Luis Obispo	Baggett Stadium/Janssen Field Improvements	N/A	PWCE	1,000	0	1,000	61,243	1,209
5	IB	San Luis Obispo	Innovation Sandbox Relocation	TBD	PWCE	1,000	0	1,000	62,243	1,209
6	II	Sonoma	FIGR Learning Center at Fairfield Osborn Preserve	N/A	PWC	2,850	0	2,850	65,093	1,209
Total Self-Support / Other Projects				0		\$ 63,884	\$ 1,209	\$ 65,093	\$ 65,093	\$ 1,209
Grand Total Academic and Self-Support Projects				10,822		\$ 294,499	\$ 2,681,727	\$ 2,976,226	\$ 2,976,226	\$ 2,681,727

A = Acquisition P = Preliminary Plans W = Working Drawings c = Partial Construction C = Construction E = Equipment

Categories:

- I Existing Facilities/Infrastructure
 - A. Critical Infrastructure Deficiencies
 - B. Modernization/Renovation
- II Growth/New Facilities

Notes:

- ¹ SRB-AP: Systemwide Revenue Bonds - Academic Program
- ² SRB-SS: Systemwide Revenue Bonds - Self-Support Program
- ³ The Infrastructure Improvements Program addresses smaller scale utility, building systems renewal, ADA, seismic strengthening, and minor upgrades. Projects are listed separately on the following page. [The list does not include State Deferred Maintenance or Cap & Trade funding requests.]
- ⁴ Projects in *italics* have previously received approval by the Board of Trustees and are included relative to the project funding total.
- ⁵ Projects in *red italics* have been approved by DOF and are included only for funding information.

Preliminary 2021-2022 Infrastructure Improvements Program Project List

Cost Estimates are at Engineering News Record California Construction Cost Index 7528 and Equipment Price Index 4281

ACADEMIC PROJECTS¹

Campus	Project Title	Phase	Campus Reserves/ Other Budget	SRB-AP Budget	Total Project Budget	Cumulative Total Project Budget
Bakersfield	Health Center Icardo Plaza Ada & Road Repair	C	0	53,000	53,000	53,000
Bakersfield	PE Building Women's Team Locker Room Remodel	PWCE	999,000	792,000	1,791,000	1,844,000
Bakersfield	Fire Alarm Upgrades, Ph. 2	PWC	0	1,345,000	1,345,000	3,189,000
Bakersfield	Classroom Building (#1) Remodel for Faculty Offices	PWCE	0	2,545,000	2,545,000	5,734,000
Bakersfield	Lecture Building (#3) Remodel for Offices	PWCE	0	1,306,000	1,306,000	7,040,000
Bakersfield	Housing West (6 Buildings) Acquisition	A	0	3,000,000	3,000,000	10,040,000
Bakersfield	Housing West Remodel, Ph. 1	PWCE	0	6,132,000	6,132,000	16,172,000
Bakersfield	Dining Commons Remodel	PWCE	0	2,777,000	2,777,000	18,949,000
Bakersfield	Housing West Remodel, Ph. 2	PWCE	0	6,343,000	6,343,000	25,292,000
Bakersfield	Roof Replacement - Science 1, Nursing, PE Bldg., Science 2	PWC	0	2,512,000	2,512,000	27,804,000
Bakersfield	Student Access Enhancement & Cable Modernization	PWC	0	3,720,000	3,720,000	31,524,000
Bakersfield	ADA Survey - Campuswide	PW	0	500,000	500,000	32,024,000
Channel Islands	North Campus Hydronic Loop Extension-NE Corner	PWC	399,000	2,937,000	3,336,000	35,360,000
Channel Islands	Roof Repair & Replacement	PW	150,000	0	150,000	35,510,000
Channel Islands	Campus Road Repair & Maintenance	PW	7,000	0	7,000	35,517,000
Channel Islands	ADA Access Improvements	PWC	20,000	180,000	200,000	35,717,000
Channel Islands	Telecom Modernization	PW	10,000	0	10,000	35,727,000
Channel Islands	Ironwood Hall Shops Emergency Exit Door Installations	PW	10,000	0	10,000	35,737,000
Channel Islands	CI Boating Center Maintenance Repairs	PW	39,000	0	39,000	35,776,000
Chico	Physical Sciences Building Demolition (Seismic)	PWC	0	7,747,000	7,747,000	43,523,000
Chico	Main Switchgear, Battery & Electrical System	PWC	0	13,810,000	13,810,000	57,333,000
Chico	University Services Building	PWC	2,302,000	6,447,000	8,749,000	66,082,000
Chico	Meriam Library Building Renewal	PWC	500,000	5,000,000	5,500,000	71,582,000
Chico	Langdon Building Renewal	PWC	500,000	5,000,000	5,500,000	77,082,000
Chico	Meriam Library HVAC Upgrades, Ph. 1	PWCE	0	625,000	625,000	77,707,000
Chico	Meriam Library HVAC Upgrades, Ph. 2	PWCE	0	350,000	350,000	78,057,000
Chico	Meriam Library HVAC Upgrades, Ph. 3	PWCE	0	650,000	650,000	78,707,000
Chico	Meriam Library IT Infrastructure Upgrades	PWC	0	8,157,000	8,157,000	86,864,000
Chico	IT Upgrades, Various Buildings	PWC	0	7,419,000	7,419,000	94,283,000
Chico	Wireless, Smart Classroom & Security Upgrades	PWC	0	15,292,000	15,292,000	109,575,000
Dominguez Hills	Electrical Power Substation Upgrade	PWC	0	43,666,000	43,666,000	153,241,000
Dominguez Hills	Theater OSHA Costume-Scene Shop Fire/Life Safety	PWC	0	13,143,000	13,143,000	166,384,000
Dominguez Hills	West Walkway Life Safety	PWC	0	2,950,000	2,950,000	169,334,000
Dominguez Hills	La Corte Hall & Health Center Fire/Life Safety	PWC	0	3,612,000	3,612,000	172,946,000
Dominguez Hills	Virtual Classrooms Systems	PWC	0	5,500,000	5,500,000	178,446,000
Dominguez Hills	University Theater Performance Technology	PWC	0	6,323,000	6,323,000	184,769,000
Dominguez Hills	Security & Surveillance Systems	PWC	0	4,162,000	4,162,000	188,931,000
Dominguez Hills	Path of Travel Upgrade	PWC	0	2,750,000	2,750,000	191,681,000
Dominguez Hills	Campus Switchgears & Feeder Replacement	PWC	0	9,822,000	9,822,000	201,503,000
Dominguez Hills	Kinesiology/Gym Pool & Basement Safety	PWC	0	2,500,000	2,500,000	204,003,000
East Bay	Resilient Microgrid	PWC	0	1,578,000	1,578,000	205,581,000
East Bay	Contra Costa Campus Resilient Microgrid	PWC	0	1,578,000	1,578,000	207,159,000
East Bay	Meiklejohn Hall Deck Correction	PWC	362,000	3,258,000	3,620,000	210,779,000
East Bay	Campuswide Fire/Life Safety System Upgrades	PWC	170,000	1,529,000	1,699,000	212,478,000
East Bay	Boiler Replacement	PWC	316,000	2,847,000	3,163,000	215,641,000
East Bay	Accessibility Upgrades	PWC	335,000	3,017,000	3,352,000	218,993,000
East Bay	Chiller Replacement	PWC	313,000	2,816,000	3,129,000	222,122,000
East Bay	Contra Costa Campus HVAC Upgrade	PWC	225,000	2,025,000	2,250,000	224,372,000
East Bay	Natural Gas Distribution System Replacement	PWC	123,000	1,111,000	1,234,000	225,606,000

Preliminary 2021-2022 Infrastructure Improvements Program Project List

Cost Estimates are at Engineering News Record California Construction Cost Index 7528 and Equipment Price Index 4281

ACADEMIC PROJECTS¹ continued

Campus	Project Title	Phase	Campus Reserves/ Other Budget	SRB-AP Budget	Total Project Budget	Cumulative Total Project Budget
East Bay cont'd	Electrical Infrastructure Improvement, Ph. 2D	PWC	0	9,469,000	9,469,000	235,075,000
East Bay	Copper Fiber Outside Plant Rehabilitation	PWC	0	1,416,000	1,416,000	236,491,000
East Bay	Wireless Access Point Expansion	PWC	0	6,851,000	6,851,000	243,342,000
East Bay	MPOE UPS and Cooling	PWC	0	1,522,000	1,522,000	244,864,000
East Bay	MPOE Fire Suppression	PWC	0	451,000	451,000	245,315,000
Fresno	Campuswide Life/Fire Safety	PWC	0	30,262,000	30,262,000	275,577,000
Fresno	Campuswide Health & Safety	PWC	0	8,866,000	8,866,000	284,443,000
Fresno	Campuswide ADA Upgrades	PWC	0	7,907,000	7,907,000	292,350,000
Fresno	Telecommunications Interbuilding Improvements	PWC	0	1,669,000	1,669,000	294,019,000
Fresno	Telecommunications Safety	PWC	0	7,700,000	7,700,000	301,719,000
Fresno	Parking Lots - Wi-Fi	PWC	0	18,400,000	18,400,000	320,119,000
Fullerton	McCarthy Hall Life Safety Upgrades	PWC	2,652,000	23,702,000	26,354,000	346,473,000
Fullerton	Kinesiology & Health Science Pool Safety Imp., Ph. 2	PWC	547,000	3,889,000	4,436,000	350,909,000
Fullerton	Life Safety & ADA Code Upgrades	PWC	130,000	1,070,000	1,200,000	352,109,000
Fullerton	ADA Code Upgrades (Restrooms, Path of Travel, etc.)	PWC	136,000	1,118,000	1,254,000	353,363,000
Fullerton	Physical Plant Improvements	PWC	213,000	1,875,000	2,088,000	355,451,000
Fullerton	Electrical Transformer Replacement	PWC	80,000	647,000	727,000	356,178,000
Fullerton	Campus Gas Line Repair	PWC	140,000	1,170,000	1,310,000	357,488,000
Fullerton	Campuswide Landscape, Hardscape, Irrigation Imp.	PWC	130,000	1,067,000	1,197,000	358,685,000
Fullerton	Domestic Water Line Upgrades	PWC	417,000	3,675,000	4,092,000	362,777,000
Fullerton	Campus Infrastructure Improvements	PWC	942,000	131,000	1,073,000	363,850,000
Fullerton	Campuswide Life Safety (including doors, hardware)	PWC	130,000	0	130,000	363,980,000
Fullerton	Campuswide Interior Hallway Improvements	PWC	0	2,410,000	2,410,000	366,390,000
Fullerton	Campuswide Energy & Sustainability Efficiency Controls	PWC	0	996,000	996,000	367,386,000
Fullerton	Campus Backbone Cabling	PWC	237,000	2,056,000	2,293,000	369,679,000
Fullerton	Campus Telecom Infrastructure Upgrades	PWC	133,000	1,109,000	1,242,000	370,921,000
Fullerton	Secondary MDF (Backbone Cabling Dist. Point)	PWC	117,000	963,000	1,080,000	372,001,000
Fullerton	IDF Backbone Cabling Upgrade	PWC	96,000	826,000	922,000	372,923,000
Humboldt	Gist Hall Renewal	PWCE	646,000	5,879,000	6,525,000	379,448,000
Humboldt	Accessibility Improvements	PWC	142,000	1,280,000	1,422,000	380,870,000
Humboldt	Resilient Microgrid	PWC	500,000	5,000,000	5,500,000	386,370,000
Long Beach	Horn Center-Reno. for Classrooms (Surge Space), Ph. 2B	C	0	6,000,000	6,000,000	392,370,000
Long Beach	LA1 Renovations for Geography (Surge Space), Ph. 3	PWCE	498,000	5,359,000	5,857,000	398,227,000
Long Beach	Shelter in Place Locks at Classrooms	PWC	218,000	3,016,000	3,234,000	401,461,000
Long Beach	UMC Renovation & Infrastructure Replacement, Ph. 1	PWCE	23,900,000	0	23,900,000	425,361,000
Long Beach	Window Replace for Energy Efficiency, (LA1, FO2), Ph. 1	PWC	179,000	1,991,000	2,170,000	427,531,000
Long Beach	Pneumatic Control Conversion to DDC	PWC	37,000	349,000	386,000	427,917,000
Long Beach	Domestic & Fire Water Infrastructure Repairs	PWC	883,000	11,183,000	12,066,000	439,983,000
Long Beach	SSPA Replace AHUs, Ductwork & VAVs	PWC	182,000	2,318,000	2,500,000	442,483,000
Long Beach	LA5 Replace AHUs, Convert Pneumatic VAV to DDC	PWC	219,000	2,433,000	2,652,000	445,135,000
Long Beach	FO3 Replace AHU, Retrofit DDC for VAVs	PWC	74,000	700,000	774,000	445,909,000
Long Beach	Convert Baseball Field to Multi-Use Field	PWC	367,000	4,108,000	4,475,000	450,384,000
Los Angeles	Greenlee Plaza Waterproofing, Structural & Code Repairs	PWC	2,123,000	8,100,000	10,223,000	460,607,000
Los Angeles	Anna Bing Arnold Childcare Center (Def. Renewal Elect.)	PWC	0	163,000	163,000	460,770,000
Los Angeles	Anna Bing Arnold Childcare Center (Plant Adaption Fire/Life Safety)	PWC	0	314,000	314,000	461,084,000
Los Angeles	Telecom - Data Center	PWC	0	3,011,000	3,011,000	464,095,000
Los Angeles	Campuswide Fire/Life Safety Upgrades	PWC	0	6,564,000	6,564,000	470,659,000
Los Angeles	Campus Emergency Phones	PWC	0	262,000	262,000	470,921,000
Los Angeles	Campuswide ADA Accessibility Improvements	PWC	0	300,000	300,000	471,221,000
Los Angeles	Campuswide Ceiling & Lighting Upgrades	PWC	0	4,872,000	4,872,000	476,093,000
Los Angeles	Telecom VoIP Core	PWC	0	3,444,000	3,444,000	479,537,000

Preliminary 2021-2022 Infrastructure Improvements Program Project List

Cost Estimates are at Engineering News Record California Construction Cost Index 7528 and Equipment Price Index 4281

ACADEMIC PROJECTS¹ continued

Campus	Project Title	Phase	Campus Reserves/ Other Budget	SRB-AP Budget	Total Project Budget	Cumulative Total Project Budget
Maritime	Eastern Hillside Emergency Stabilization	PWC	1,053,000	6,126,000	7,179,000	486,716,000
Maritime	Maritime Academy Drive Walkway Replacement	PWC	363,000	2,431,000	2,794,000	489,510,000
Maritime	Resilient Microgrid	PWC	470,000	8,048,000	8,518,000	498,028,000
Maritime	Boat Basin & Pier Extension for NSMV	PWC	1,014,000	18,705,000	19,719,000	517,747,000
Maritime	Library & Rizza Auditorium Roof Repairs	PWC	0	754,000	754,000	518,501,000
Maritime	Maritime Academy Drive & Morrow Cove Drive Repaving	PWC	0	1,350,000	1,350,000	519,851,000
Maritime	Upper Residence Hall Drive Repairs	PWC	188,000	3,800,000	3,988,000	523,839,000
Maritime	Lower Campus ADA Improvements	PWC	18,000	348,000	366,000	524,205,000
Maritime	Upper Campus ADA Improvements	PWC	18,000	348,000	366,000	524,571,000
Monterey Bay	Seismic Projects	PWC	327,000	4,219,000	4,546,000	529,117,000
Monterey Bay	Infrastructure Improvements	PWC	262,000	3,380,000	3,642,000	532,759,000
Monterey Bay	ADA Projects	PWC	310,000	3,704,000	4,014,000	536,773,000
Monterey Bay	Energy Efficiency Projects	PWC	1,309,000	0	1,309,000	538,082,000
Northridge	EOC Resiliency Emergency Preparedness	PWC	0	9,869,000	9,869,000	547,951,000
Northridge	Plummer Darby Intersection	PWC	1,436,000	1,436,000	2,872,000	550,823,000
Northridge	Sewer Replacement	PWC	121,000	1,954,000	2,075,000	552,898,000
Northridge	Solar Power, Ph. 1, 2, 3	PWC	0	6,418,000	6,418,000	559,316,000
Pomona	Smart Classroom Renewal Technology/Physical Renovation	PWC	595,000	9,011,000	9,606,000	568,922,000
Pomona	Campus Roads Renewal, Ph. 2	PWC	403,000	5,890,000	6,293,000	575,215,000
Sacramento	Art Sculpture Lab Replacement	PWCE	0	10,080,000	10,080,000	585,295,000
Sacramento	ADA Upgrades	PWC	134,000	1,376,000	1,510,000	586,805,000
Sacramento	Sequoia Hall Improvements	PWCE	682,000	4,819,000	5,501,000	592,306,000
Sacramento	Fire/Life Safety Upgrades	PWC	245,000	2,074,000	2,319,000	594,625,000
Sacramento	Chilled Water Line, Ph. 1	PWC	523,000	2,771,000	3,294,000	597,919,000
Sacramento	Domestic Water Upgrades, Ph. 1	PWC	339,000	2,143,000	2,482,000	600,401,000
Sacramento	Infrastructure Perimeter Loop, Ph. 1	PWC	630,000	4,178,000	4,808,000	605,209,000
Sacramento	Telecom Upgrades, Ph. 1	PWC	238,000	2,527,000	2,765,000	607,974,000
Sacramento	Human Anatomy Lab Relocation	PWCE	531,000	4,190,000	4,721,000	612,695,000
Sacramento	Sequoia Hall Vertebrate Collection Relocation	PWCE	223,000	892,000	1,115,000	613,810,000
Sacramento	Sequoia Hall 4th Floor Stock Room Renovation	PWCE	230,000	1,289,000	1,519,000	615,329,000
Sacramento	Sequoia Hall 5th Floor Stock Room Renovation	PWCE	270,000	1,789,000	2,059,000	617,388,000
Sacramento	Sequoia Hall Restroom ADA Upgrades	PWC	99,000	965,000	1,064,000	618,452,000
Sacramento	Hornet Stadium West Side Structural Replacement	PWC	541,000	5,563,000	6,104,000	624,556,000
San Bernardino	Critical Data Communication (Second MPOE)	PWC	0	1,705,000	1,705,000	626,261,000
San Bernardino	Resilient Microgrid	PWC	0	12,546,000	12,546,000	638,807,000
San Bernardino	HVAC Controls Replacement	PWC	200,000	6,426,000	6,626,000	645,433,000
San Bernardino	Pfau Library Access Improvement	PWC	100,000	1,970,000	2,070,000	647,503,000
San Bernardino	University Police ER Response Communication Modernization	PWC	100,000	4,400,000	4,500,000	652,003,000
San Bernardino	Palm Desert-Indian Wells Center Energy Retrofits	PWC	70,000	1,130,000	1,200,000	653,203,000
San Bernardino	Pathways & Wireless Infrastructure	PWC	0	7,100,000	7,100,000	660,303,000
San Bernardino	Data Communication Redundancy	PWC	0	3,000,000	3,000,000	663,303,000
San Bernardino	BDF & IDF Modernization	PWC	0	3,100,000	3,100,000	666,403,000
San Bernardino	Access Barrier Removal	PWC	100,000	900,000	1,000,000	667,403,000
San Diego	Critical Infrastructure 3	PWcC	2,311,000	20,795,000	23,106,000	690,509,000

Preliminary 2021-2022 Infrastructure Improvements Program Project List

Cost Estimates are at Engineering News Record California Construction Cost Index 7528 and Equipment Price Index 4281

ACADEMIC PROJECTS¹ continued

Campus	Project Title	Phase	Campus Reserves/ Other Budget	SRB-AP Budget	Total Project Budget	Cumulative Total Project Budget
San Francisco	Hensill Hall Sprinkler & Fire Alarm	PWC	385,000	4,508,000	4,893,000	695,402,000
San Francisco	Fire Alarm Renewal Campuswide ADA & Code Upgrades	PWC	124,000	7,652,000	7,776,000	703,178,000
San Francisco	Data Center Fire Suppression	PWC	39,000	116,000	155,000	703,333,000
San Francisco	Student Advising Center	PWC	69,000	3,354,000	3,423,000	706,756,000
San Francisco	Campus Perimeter Electronic Access Control	PWC	48,000	1,834,000	1,882,000	708,638,000
San Francisco	Restroom Conversion & ADA Upgrades	PWC	100,000	998,000	1,098,000	709,736,000
San Francisco	Humanities & Creative Arts Mechanical System Renewal	PWC	55,000	2,296,000	2,351,000	712,087,000
San Francisco	Tiburon Site & Infrastructure	PWC	94,000	5,388,000	5,482,000	717,569,000
San Francisco	Fine Arts & Creative Arts Improvements	PWC	74,000	3,815,000	3,889,000	721,458,000
San Francisco	NAGPRA Storage & Workspace	PWC	38,000	1,088,000	1,126,000	722,584,000
San Francisco	Student Services Fiber Redundancy	PWC	0	362,000	362,000	722,946,000
San Francisco	Emergency Public Address System	PWC	0	1,230,000	1,230,000	724,176,000
San Francisco	Corporation Yard Fiber Redundancy	PWC	0	1,319,000	1,319,000	725,495,000
San Francisco	Outdoor Emergency Phone System	PWC	0	1,425,000	1,425,000	726,920,000
San Francisco	Public Branch Exchange to Voice Over Internet Protocol Telecom	PWC	0	5,274,000	5,274,000	732,194,000
San José	Engineering Building Renewal	PWC	201,000	1,812,000	2,013,000	734,207,000
San José	LED Lighting Upgrade	PWC	0	1,510,000	1,510,000	735,717,000
San José	Sweeney Hall HVAC Upgrade	PWC	631,000	6,300,000	6,931,000	742,648,000
San José	Music Hall HVAC Upgrade	PWC	406,000	4,071,000	4,477,000	747,125,000
San José	MLK Library Lighting Upgrade	PWC	2,547,000	3,700,000	6,247,000	753,372,000
San José	Campuswide Roof Replacement	PWC	200,000	1,812,000	2,012,000	755,384,000
San José	Duncan Hall Steam Station and Pumps	PWC	200,000	1,812,000	2,012,000	757,396,000
San Luis Obispo	Fremont Hall Emergency Landslide Remediation	PWC	0	8,053,000	8,053,000	765,449,000
San Luis Obispo	Water Purchase and Conveyance	APWC	700,000	6,343,000	7,043,000	772,492,000
San Luis Obispo	Higher Capacity Boiler Expansion Tanks-Eng. South	PWC	79,000	714,000	793,000	773,285,000
San Luis Obispo	Resilient Microgrid	PWC	0	1,510,000	1,510,000	774,795,000
San Luis Obispo	Chase Hall ADA Upgrades	PWC	181,000	1,643,000	1,824,000	776,619,000
San Luis Obispo	Campus Cloud Gateway	PWC	402,000	3,643,000	4,045,000	780,664,000
San Luis Obispo	Preschool Learning Lab Upgrade	PWC	231,000	2,097,000	2,328,000	782,992,000
San Luis Obispo	Old Power House Abatement	PWC	200,000	1,810,000	2,010,000	785,002,000
San Luis Obispo	Classroom Modernization & Technology Upgrades	PWCE	200,000	1,828,000	2,028,000	787,030,000
San Luis Obispo	ADA Upgrades	PWC	91,000	915,000	1,006,000	788,036,000
San Luis Obispo	Substation Redundancy	WC	1,438,000	14,413,000	15,851,000	803,887,000
San Luis Obispo	Kennedy Library Lighting Retrofit	PWC	0	1,898,000	1,898,000	805,785,000
San Luis Obispo	Sports Field LED Lighting Retrofit	PWC	0	2,659,000	2,659,000	808,444,000
San Marcos	Science Hall 1 Elevator Addition (ADA)	PWC	239,000	3,284,000	3,523,000	811,967,000
San Marcos	Arts Elevator Addition	PWC	357,000	5,180,000	5,537,000	817,504,000
San Marcos	Pedestrian Safety Improvements	PWC	0	299,000	299,000	817,803,000
San Marcos	Generator Upgrades	PWC	0	755,000	755,000	818,558,000
Sonoma	Salazar Renewal (Second Floor)	PWCE	0	3,316,000	3,316,000	821,874,000
Sonoma	Fairfield Osborn Preserve Fire-Life Safety Upgrades	PWC	0	846,000	846,000	822,720,000
Sonoma	Schulz Data Center UPS Replacement	PWC	0	227,000	227,000	822,947,000
Sonoma	Schulz Waterproofing	PWC	0	10,112,000	10,112,000	833,059,000
Sonoma	Domestic Water Distribution Pipes & Valves	PW	0	400,000	400,000	833,459,000
Sonoma	City Water Connection Redundancy	P	0	181,000	181,000	833,640,000
Sonoma	IT Wireless Access Point Expansion Outdoors	PW	0	79,000	79,000	833,719,000
Sonoma	Fire Suppression Connect	PW	0	267,000	267,000	833,986,000
Sonoma	Darwin IDEC Unit Replacement & BMS Controls	PW	0	682,000	682,000	834,668,000
Sonoma	Salazar IDEC Unit Replacement & BMS Controls	PW	0	582,000	582,000	835,250,000

Preliminary 2021-2022 Infrastructure Improvements Program Project List

Cost Estimates are at Engineering News Record California Construction Cost Index 7528 and Equipment Price Index 4281

ACADEMIC PROJECTS¹ continued

Campus	Project Title	Phase	Campus Reserves/ Other Budget	SRB-AP Budget	Total Project Budget	Cumulative Total Project Budget
Sonoma cont'd	Ives BMS Controls & Fire Alarm System	PWC	0	6,128,000	6,128,000	841,378,000
Sonoma	Salazar Lighting Controls	PWC	0	2,291,000	2,291,000	843,669,000
Sonoma	Metering & Energy Conservation	PWC	0	772,000	772,000	844,441,000
Sonoma	Darwin Hall Lobby Expansion North	PWC	762,000	0	762,000	845,203,000
Sonoma	Underground Utilities CHW Pipes/Valves Replacement	PW	0	302,000	302,000	845,505,000
Sonoma	Underground Utilities HW Pipes/Valves Replacement	PW	0	407,000	407,000	845,912,000
Sonoma	Underground Utilities Sanitary Sewer Main	PW	0	375,000	375,000	846,287,000
Sonoma	Sanitary Sewer Bi-annual Jetting/Sewer Management	PWC	0	823,000	823,000	847,110,000
Sonoma	Hazardous Material Abatement Ives, Nichols, PE	PWC	0	2,391,000	2,391,000	849,501,000
Sonoma	Physical Education Building Pool Doors	PWC	0	402,000	402,000	849,903,000
Sonoma	Pedestrian Safety Crossings ADA	PWC	0	1,896,000	1,896,000	851,799,000
Sonoma	Fairfield Osborn Preserve Septic Upgrades	PWC	0	188,000	188,000	851,987,000
Sonoma	Storm Drain Upsizing & Catch Basin Drain Additions	P	0	296,000	296,000	852,283,000
Sonoma	Corp Yard & Facilities Management Improvements	PWCE	2,001,000	0	2,001,000	854,284,000
Sonoma	SSU Emergency Center	PWC	0	1,104,000	1,104,000	855,388,000
Sonoma	Fire Alarm Tie-in Campuswide (11 Buildings)	PW	0	323,000	323,000	855,711,000
Sonoma	12kV Electrical for North, East, West for Redundancy & Loop	P	0	405,000	405,000	856,116,000
Sonoma	Annual Electrical Winter Deferred Maintenance	C	0	90,000	90,000	856,206,000
Sonoma	Elevator Upgrades	PW	0	616,000	616,000	856,822,000
Sonoma	Deferred Maintenance	C	0	9,318,000	9,318,000	866,140,000
Sonoma	Campuswide Roof Repairs	PW	0	792,000	792,000	866,932,000
Sonoma	Campuswide Accessibility Upgrades	PWC	0	190,000	190,000	867,122,000
Stanislaus	Stockton Lecture Expansion (Acacia Surge)	PWC	4,250,000	11,403,000	15,653,000	882,775,000
Stanislaus	Naraghi Hall Lighting System Replacement	PWC	184,000	2,397,000	2,581,000	885,356,000
Stanislaus	Air Handler Replacement-Gym & FH Locker Rooms	PWC	97,000	870,000	967,000	886,323,000
Stanislaus	Naraghi Hall Ventilation Reduction	PWC	109,000	981,000	1,090,000	887,413,000
Stanislaus	Groundwater Recharge Station	PWC	164,000	1,473,000	1,637,000	889,050,000
Stanislaus	ADA Barrier Removal	PWC	89,000	802,000	891,000	889,941,000
Stanislaus	Naraghi Hall Chiller Plant Pumps	PWC	70,000	632,000	702,000	890,643,000
Stanislaus	Telecom-Stockton IDF, MPOE, Redundancy, Wireless	PWC	0	3,849,000	3,849,000	894,492,000
Stanislaus	Telecom-Fiber and Tertiary Pathway Infrastructure	PWC	0	6,185,000	6,185,000	900,677,000
Systemwide	HVAC & Electrical Upgrades	PWC	0	60,000,000	60,000,000	960,677,000
Systemwide	Life Safety/Security Solutions	PWC	0	100,000,000	100,000,000	1,060,677,000
Systemwide	Critical Infrastructure	PWC	0	60,000,000	60,000,000	1,120,677,000
Systemwide	Seismic Evaluations	P	0	20,000,000	20,000,000	1,140,677,000
Total ACADEMIC Infrastructure Improvements Program			\$ 75,356,000	\$ 1,065,321,000	\$ 1,140,677,000	\$ 1,140,677,000

A = Acquisition P = Preliminary Plans W = Working Drawings c = Partial Construction C = Construction E = Equipment

Notes:

¹ The Infrastructure Improvements Program addresses smaller scale utility, building systems renewal, ADA, seismic strengthening, and minor upgrades.
 [The list does not include State Deferred Maintenance or Cap & Trade funding requests.]