



EXECUTIVE VICE PRESIDENT—  
CHIEF FINANCIAL OFFICER

OFFICE OF THE PRESIDENT  
1111 Franklin Street, 6<sup>th</sup> Floor  
Oakland, California 94607-5200  
Phone 510/987-9029

January 30, 2019

The Honorable Holly J. Mitchell  
Chair, Joint Legislative Budget Committee  
State Capitol, Room 5080  
Sacramento, CA 95814

Ms. Keely Bosler  
Director of Finance  
State Capitol, Room 1145  
Sacramento, CA 95814

Dear Senator Mitchell and Director Bosler:

Pursuant to Sections 92493, *et seq.* of the Education Code, enclosed is the University of California's progress report on the scope, funding, and current status of capital expenditures funded under these provisions of the Education Code.

If you have any questions regarding this report, Director Dana Santa Cruz would be pleased to speak with you. She can be reached by telephone at (510) 987-9114, or by e-mail at [dana.santacruz@ucop.edu](mailto:dana.santacruz@ucop.edu).

Sincerely,

Nathan Brostrom  
Executive Vice President – Chief Financial Officer

Enclosures (7):

- University of California, Capital Assets Strategies. State General Funds for Capital Improvements Status Report. December 31, 2018.
- January 2018, UCSF Clinical Sciences Building Seismic Retrofit, Project Planning Guide Amendment.
- May 2018, Interdisciplinary Science and Engineering Building, Project Planning Guide Amendment.
- July 2018, Campbell Hall Replacement Building, Project Planning Guide Addendum.
- October 2018, Interdisciplinary Science and Engineering Building, Project Planning Guide Amendment.
- November 2018, Student Success Center, Project Planning Guide Amendment.
- November 2018, Teaching and Learning Complex, Project Planning Guide Amendment

cc: Mr. Alvarez, Secretary of the Senate  
Ms. Finn, Department of Finance  
Ms. Lukenbill, Department of Finance  
Ms. McGee, Legislative Analyst's Office  
Ms. Troia, Joint Legislative Budget Committee  
Ms. Lee, Senate Budget and Fiscal Review Committee  
Mr. Wilson, Chief Clerk of the Assembly  
Ms. Leach, Office of the Chief Clerk of the Assembly

State General Funds for Capital Improvements Status Report

January 30, 2019

Page 2

Mr. Lasky, Legislative Counsel Bureau  
Associate Vice President Arrivas  
Associate Vice President Flaherty  
Chief of Staff Gabriel  
Executive Director Stimpson  
Director Santa Cruz  
Director Yin  
Associate Director Virtanen  
Budget Analyst Olmos



University of California  
Capital Assets Strategies  
**STATE GENERAL FUNDS  
FOR CAPITAL IMPROVEMENTS  
STATUS REPORT**

December 31, 2018

**2013-14 Budget for State Capital Improvements (\$000s)**

Campus	Project	Phase	2013-14 Request	Page No.
ANR *	REC Facilities Renewal and Improvements	PWC	1,850	6
Davis	Walker Hall Renewal and Seismic Corrections	PW	2,731	14
Los Angeles	CHS Seismic Correction and Fire Life Safety	C	48,349	19
Merced	Central Plant/Telecommunications Reliability Upgrade	PW	1,400	23
Merced	Classroom and Academic Office Building	C	45,144	24
San Francisco	Clinical Sciences Building Seismic Retrofit	W	2,800	33
Santa Barbara	Academic Support Facility	C	26,505	36
Santa Cruz	Coastal Biology Building	W	3,530	39
<b>Total</b>			<b>132,309</b>	

**2014-15 Budget for State Capital Improvements (\$000s)**

Campus	Project	Phase	2014-15 Request	Page No.
ANR*	Intermountain REC Field Lab & Multipurpose Facility	PW	200	5
Berkeley	Tolman Hall Seismic Replacement (Berkeley Way West)	WC	75,000	10
Davis	Chemistry Seismic and Life Safety Corrections	PW	3,482	12
Davis	Walker Hall Renewal and Seismic Corrections	C	27,917	14
Irvine	Business Unit 2	E	1,094	15
Irvine	Primary Electrical Improvements Step 4	DC	19,462	18
Merced	Central Plant/Telecommunications Reliability Upgrade	C	15,183	23
San Diego	Campus Life Safety Improvements	WC	49,010	31
Santa Barbara	Infrastructure Renewal Phase 1	C	12,136	38
Santa Cruz	Coastal Biology Building	C	64,127	39
Santa Cruz	Life Safety Upgrades	PWC	10,201	42
<b>Total</b>			<b>277,812</b>	

\* Division of Agriculture and Natural Resources

**2015-16 Budget for State Capital Improvements (\$000s)**

Campus	Project	Phase	2015-16 Request	Page No.
ANR*	Intermountain REC Field Lab & Multipurpose Facility	C	1,786	5
Berkeley	Wheeler Hall – Capital Renewal	WC	19,400	11
Davis	Chemistry Seismic and Life Safety Corrections	C	31,076	12
Irvine	Fire and Life Safety Improvements Phase 1	DC	34,290	16
Los Angeles	CHS-SOM West Seismic Renovation	C	25,000	20
Merced	Classroom and Academic Office Building	E	4,805	24
Riverside	Batchelor Hall Building Systems Renewal	WC	17,777	26
Riverside	Environmental Health and Safety Expansion	E	369	27
Riverside	Pierce Hall Improvements	PWC	34,680	28
San Diego	Biological and Physical Sciences Building	C	55,800	30
San Francisco	Clinical Sciences Building Seismic Retrofit	C	21,735	33
Santa Barbara	Campbell Hall Replacement Building	PWCE	15,787	37
Santa Cruz	Coastal Biology Building	E	2,000	39
Santa Cruz	Environmental Health and Safety Facility	C	19,437	40
Santa Cruz	Telecommunications Infrastructure Phase B	C	12,623	43
<b>Total</b>			<b>296,565</b>	

\* Division of Agriculture and Natural Resources

**2016-17 Budget for State Capital Improvements (\$000s)**

Campus	Project	Phase	2016-17 Request	Page No.
Merced	State 2020	PWCE	653,900	25
<b>Total</b>			<b>653,900</b>	

**2017-18 Budget for State Capital Improvements (\$000s)**

Campus	Project	Phase	2017-18 Request	Page No.
Berkeley	2223 Fulton Seismic Demolition	WC	3,050	7
Berkeley	Giannini Hall Seismic Safety Corrections	PW	3,250	8
Berkeley	Seismic Safety Studies - Evans Hall & Hearst Memorial Gym	P	1,700	9
Irvine	Interdisciplinary Sciences and Engineering Building (formerly known as the Interdisciplinary Sciences Building)	DC	50,000	17
Los Angeles	CHS NPI Seismic Correction	C	25,000	21
Los Angeles	Franz Hall Tower Seismic Renovation	C	25,000	22
San Francisco	Health Sciences Instruction & Research Life Safety Improvements	D	3,000	34
Systemwide	2017-18 Systemwide State Deferred Maintenance Program	PWCE	50,000	45 Appendix
<b>Total</b>			<b>161,000</b>	

**2018-19 Budget for State Capital Improvements (\$000s)**

Campus	Project	Phase	2018-19 Request	Page No.
Berkeley	Giannini Hall Seismic Safety Corrections	C	35,950	8
Davis	Teaching and Learning Complex	C	50,000	13
Riverside	Student Success Center	PWCE	50,000	29
San Diego	Ridge Walk Academic Complex	C	50,000	32
San Francisco	Health Sciences Instruction & Research Life Safety Improvements	C	10,000	34
San Francisco	Health Sciences Instruction & Research Buildings Seismic Improvements	C	37,000	35
Santa Cruz	Kresge College Academic	W	2,800	41
Systemwide	Northern Regional Library Facility Phase 4 Expansion	CE	30,000	44
Systemwide	2018-19 Systemwide State Deferred Maintenance Program	PWCE	35,000	46
<b>Total</b>			<b>300,750</b>	

**Intermountain REC Field Laboratory and Multipurpose Facility**  
Division of Agriculture and Natural Resources

### SCOPE

This project will provide approximately 3,800 assignable square feet (4,400 gross square feet) of field laboratory and community meeting space at the Intermountain Research and Extension Center in the rural area of Tulelake, California. The meeting and research space will support the agricultural community by providing the latest tools and techniques in weed, insect, and disease control as well as water management and plant nutrition.

### STATUS

The project was approved to bid in October 2016; however the bids received exceeded the budget. The project was significantly re-designed in favor of a more cost effective solution on a different site at the same location. Office of the President approved a July 2017 Project Planning Guide (PPG) Amendment along with acceptance of working drawings and authorization to re-bid the project. In September 2017 the division was approved to award the construction contract. Construction was completed in August 2018, a two month delay from the last approved schedule. Equipment procurement is funded by non-State resources and has commenced.

### FUNDING

State General Funds for preliminary plans and working drawings were approved in 2014-15 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. State General Funds for construction were approved in 2015-16 using the same funding mechanism.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$75,000		\$75,000
Working Drawings	100%	\$125,000	\$35,000	\$160,000
Construction	100%	\$1,786,000		\$1,786,000
Equipment	25%		\$100,000	\$100,000
<b>Totals</b>		<b>\$1,986,000</b>	<b>\$135,000</b>	<b>\$2,121,000</b>

**REC Facilities Renewal and Improvements**  
Division of Agriculture and Natural Resources

**SCOPE**

This project will renovate obsolete facilities at several Research and Extension Centers, operated by the Division of Agriculture and Natural Resources. These renovations will convert unused facilities into usable research and meeting space. Some of the work associated with this project includes: roof replacement; heating, cooling, and ventilation system replacement; interior remodeling and improvements; and installation of solar panels. These projects will directly benefit seven counties throughout the state of California by providing research and education to those communities.

**STATUS**

The project is being procured in three bid packages. The Division awarded the first bid package in September 2016 and the second bid package in May 2018. The final bid package is expected in March 2019. Project completion is expected in September 2019, which is a 26 month delay from the original schedule. The delay is associated with staffing shortages at the Division which have been addressed, and the significant decrease in contractor availability due to wildfires in the project area.

**FUNDING**

State General Funds for preliminary plans, working drawings, and construction were approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$80,000		\$80,000
Working Drawings	100%	\$80,000		\$80,000
Construction	80%	\$1,690,000	\$200,000	\$1,890,000
Totals		\$1,850,000	\$200,000	\$2,050,000



## 2223 Fulton Seismic Demolition Berkeley

### SCOPE

This project will demolish the seismically deficient 2223 Fulton building on the Berkeley campus. Once the demolition is complete, the project will provide needed site restoration. The site restoration includes sidewalk repair, re-grading, replacement lighting, tree replacement, and an on-site retention basin.

### STATUS

The building is currently undergoing soft demolition. Hard demolition is projected to start in early 2019 and finish in the summer of 2019. This would represent an approximately seven month delay from the last approved schedule. Delay is related to coordinating utility relocation and shut downs with local service providers.

### FUNDING

Funding for a portion of the working drawings and construction of the project was approved in 2017-18 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$100,000	\$100,000
Working Drawings	100%	\$60,000	\$60,000	\$120,000
Construction	10%	\$2,990,000		\$2,990,000
Equipment	0%			
<b>Totals</b>		<b>\$3,050,000</b>	<b>\$160,000</b>	<b>\$3,210,000</b>

## Giannini Hall Seismic Safety Corrections Berkeley

### SCOPE

This project will reinforce the structural components of historic Giannini Hall to improve its resistance to seismic forces and provide substantial life safety protection to its occupants during a large seismic event.

### STATUS

The project is currently pending working drawing approval and bid authorization by Office of the President. Construction is scheduled to begin in March 2019 and is anticipated to be complete in June 2020, which represents a two month delay from the last approved schedule due lengthy review period by the Department of the State Architect.

### FUNDING

Funding for preliminary plans and working drawings of the project was approved in 2017-18 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. State General Funds for construction was approved in 2018-19 using the same funding mechanism.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$1,000,000		\$1,000,000
Working Drawings	100%	\$2,250,000		\$2,250,000
Construction	0%	\$35,950,000		\$35,950,000
<b>Totals</b>		<b>\$39,200,000</b>		<b>\$39,200,000</b>

**Seismic Safety Studies - Evans Hall & Hearst Memorial Gym**  
Berkeley

#### SCOPE

This project will provide preliminary plan phase information for seismic corrections of two State supportable buildings - Evans Hall and Hearst Memorial Gymnasium. The studies will update structural, mechanical and infrastructure analysis, and develop plans and estimated costs for both buildings. Once a building remediation strategy is defined and funding is identified, the project will continue with development of scope, budget, and schedule.

#### STATUS

The project is currently in the preliminary planning phase. The campus anticipates completing the study project in March 2019. This represents a 10 month delay due to integrating the studies' recommendations and implementation strategy with the campus's other seismic priorities.

#### FUNDING

Partial preliminary plans funding of \$1,700,000 for the project was approved in 2017-18 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans				
Evans Hall	50%	\$1,100,000		\$1,100,000
Preliminary Plans Hearst				
Memorial Gymnasium	75%	\$600,000		\$600,000
Totals		\$1,700,000		\$1,700,000

## Tolman Hall Seismic Replacement (Berkeley Way West) Berkeley

### SCOPE

This project will construct a new academic building to replace the Tolman Hall, a 138,600 assignable square feet (247,000 gross square feet) reinforced concrete building that has a Level V seismic rating (per California Building Code). The new building will provide modern instruction and research space that improves upon Tolman Hall's mid-20th century-era spaces and systems that inhibit instruction, research, and student-faculty collaboration space. The project also includes demolishing the seismically deficient Tolman Hall. In May 2015, the Board of Regents approved a budget and scope increase to be funded with non-State funds. The additional scope maximizes the use of the site and adds critically needed office space, primarily for campus administrative use. The scope and budget of the State portion of the project is unchanged.

### STATUS

The project was procured in four bid packages. The replacement building was substantially complete in May of 2018 and is currently undergoing tenant improvements and final steps of commissioning. The fourth bid package, demolition, has been awarded and soft demolition activities have begun. Hard demolition is expected to begin in early 2019 and complete in the fall of 2019. This represents a two month delay from the last approved schedule.

### FUNDING

Funding for constructing the State supportable portion of the project (including demolition) was approved in 2014-15 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$9,595,000	\$9,595,000
Working Drawings	100%		\$8,410,000	\$8,410,000
Construction <sup>1</sup>	100%	\$75,000,000	\$71,065,000	\$146,065,000
Demolition <sup>1</sup>	19%		\$7,250,000	\$7,250,000
Equipment	100%		\$13,680,000	\$13,680,000
<b>Totals</b>		<b>\$75,000,000</b>	<b>\$110,000,000</b>	<b>\$185,000,000</b>

<sup>1</sup> Primary construction is complete. Demolition is of the seismically deficient Tolman Hall. The demolition effort has been separated from construction and is shown as a separate activity.

**Wheeler Hall — Capital Renewal**  
Berkeley

**SCOPE**

This project includes the following two phases of a multi-phase project: (1) replacement of the existing obsolete mechanical system, installation of new electrical and telecom equipment, and building of new electrical and telecom rooms on each floor; and (2) distribution of services including heat, cooling, power, and data throughout Wheeler Hall.

**STATUS**

Wheeler Hall was reoccupied for the fall 2017 semester. The project commissioning of building systems is complete.

**FUNDING**

Funding for a portion of working drawings and the entirety of construction was approved in 2015-16 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$350,000	\$350,000
Working Drawings	100%	\$350,000	\$750,000	\$1,100,000
Construction	100%	\$19,050,000		\$19,050,000
Totals		\$19,400,000	\$1,100,000	\$20,500,000

## Chemistry Seismic and Life Safety Corrections

### Davis

#### SCOPE

This project as originally approved was intended to improve fire suppression and improve the seismic performance to Level III (“Good”) of the Chemistry Building (currently Level V-VI) and the Chemistry Annex Building (currently Level VI). In addition, the project includes replacing fume hoods, emergency showers, and landscaping disturbed by seismic work.

Due to logistical constraints, a portion of the seismic work and a portion of the fire suppression work will be accomplished as part of the non-State funded Chemistry Addition and 1st Floor Renovation project. The Chemistry Seismic project is now scheduled to be complete in September 2020 and the non-State funded Chemistry Addition project in December 2021. These two projects together will bring both the Chemistry Building and the Chemistry Annex to a UC Performance Level of III (“Good”) and provide 100% fire suppression, satisfying the goals of the Chemistry Seismic project. A detailed description of the deferred scope was included in the PPG Amendment and was provided previously.

#### STATUS

The project is being procured in three bid packages. The project awarded the first bid package (fire suppression) in February 2018 and anticipates awarding the Chemistry Annex Seismic package in January 2019. The third bid package for the Chemistry Seismic work is anticipated to be awarded in July 2019. This represents a four month delay from the last approved schedule. The project has been delayed by the complexity of the structural analysis, coordination of swing space, personnel turnover, and unforeseen site conditions.

#### FUNDING

State General Funds for preliminary plans and working drawings were approved in 2014-15 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. State General Funds for construction were approved in 2015-16 using the same funding mechanism.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$1,915,000		1,915,000
Working Drawings	80%	\$1,567,000		\$1,567,000
Construction	10%	\$31,076,000		\$31,076,000
<b>Totals</b>		<b>\$34,558,000</b>		<b>\$34,558,000</b>

## Teaching and Learning Complex Davis

### SCOPE

This project includes a new facility for general assignment classrooms. The project provides approximately 20,000 gross square feet of office space and 80,000 gross square feet of classroom space, supporting approximately 2,000 instructional seats.

A Project Planning Guide Amendment was approved in November 2018 for increases to the budget, size, and scope of Teaching and Learning Complex from the original State approval. The increases included a \$20,337,000 budget augmentation (representing a 31% increase), a change in project scope due to the addition of a fourth floor of office space, and an increase in project square footage of classroom space. The additional scope is funded with non-State funds.

### STATUS

Preliminary plans are approximately 50% complete. Working drawings are projected to start in May 2019. The project is being procured in two bid packages with the first package (demolition and site work) scheduled to begin in August 2019 and the second main building package scheduled to begin in March 2020. Project completion is anticipated for January 2022. This represents a six month delay from the original schedule due to additional work related to the change in project scope.

### FUNDING

State General Funds for construction was approved in 2018-19 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	50%		\$3,400,000	\$3,400,000
Working Drawings	0%		\$2,500,000	\$2,500,000
Construction	0%	\$50,000,000	\$25,487,000	\$75,487,000
Equipment	0%		\$4,950,000	\$4,950,000
<b>Totals</b>		<b>\$50,000,000</b>	<b>\$36,337,000</b>	<b>\$86,337,000</b>

## Walker Hall Renewal and Seismic Corrections Davis

### SCOPE

This project will corrects seismic, accessibility, and building code deficiencies of the 44,415 gross square foot building. The renovated building will provide approximately 27,000 assignable square feet to serve State-supportable student services and programs, and classroom space for 450 students. The project will also replace all of the building mechanical systems and renews the original shell of the 85 year old building. The project scope was amended to clarify the scope of work to reflect details in planning and changes to instructional pedagogy since the original project approval.

### STATUS

Preliminary plans and working drawings are complete. The campus awarded the construction contract in February 2018.

Project completion is scheduled for August 2019 which represents a two month delay from the last approved schedule due to unforeseen conditions and required repairs.

### FUNDING

State General Funds for preliminary plans and working drawings were approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. State General Funds for construction were approved in 2014-15 under the same funding mechanism.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$1,394,000		\$1,394,000
Working Drawings	100%	\$1,337,000	\$163,000	\$1,500,000
Construction	30%	\$27,917,000	\$2,037,000	\$29,954,000
Equipment	0%		\$521,000	\$521,000
<b>Total</b>		<b>\$30,648,000</b>	<b>\$2,721,000</b>	<b>\$33,369,000</b>



## Business Unit 2 – Equipment Irvine

### SCOPE

The project equips the approximately 31,750 assignable square feet (asf) of State-supportable space in the new 47,000 asf Business Unit 2 building to support instruction and research activities in the Paul Merage School of Business. The new building includes instruction, research, and office space.

### STATUS

The building is complete, as scheduled. All equipment was procured in January 2015.

### FUNDING

Funding for design and construction was initially provided by State lease revenue bonds. These lease revenue bonds (LRBs) were retired as part of the UC-issued LRB restructuring in fall 2013. State General Funds for equipment were approved in 2014-15 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$1,116,000	\$1,116,000
Working Drawings	100%		\$1,941,000	\$1,941,000
Construction	100%		\$41,194,000	\$41,194,000
Equipment	100%	\$1,094,000	\$3,281,000	\$4,375,000
Totals		\$1,094,000	\$47,532,000	\$48,626,000

## Fire and Life Safety Improvements Phase 1 Irvine

### SCOPE

The Fire and Life Safety Improvements Phase 1 project will address a number of urgent fire and life-safety issues in academic areas of the Irvine campus, including the installation of fire sprinkler systems throughout two laboratory buildings—Rowland Hall and Reines Hall—and in the breezeway of a third—Engineering Laboratory Facility—as well as the replacement of obsolete fire alarm systems in 13 academic buildings and one campus support building, thereby improving the safety of over 500,000 assignable square feet in UCI’s academic core. In addition, the project includes installation of a new fire suppression water line for the academic core of the campus in general.

The approved Project Planning Guide (PPG) included partial upgrade of the alarm system in the Ayala Science Library. Subsequently, the campus elected to complete all of the fire alarm upgrades in the Science Library as a single phase supported entirely by non-State funds. The amended project substitutes fire-safety improvements in six State-supportable buildings in place of Ayala Science Library. The total budget, the schedule, and project goals defined in the PPG (dated August 2014) and approved by the State remain unchanged. Office of the President approved the PPG Amendment in August 2015.

### STATUS

Due to unanticipated complexities discovered during site surveys (including potential hazardous materials abatement), there was a delay in the design phase to allow for additional time for preparation of performance criteria. Design phase plans were approved in February 2017. Approval of award of the construction contract was in November 2017.

Despite the unanticipated complexities, the project is scheduled to be complete in October 2019, which represents a four month delay from the last approved schedule.

### FUNDING

State General Funds for design and construction were approved in 2015-16 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Design	100%	\$1,592,000		\$1,592,000
Construction	31%	\$32,698,000		\$32,698,000
Totals		\$34,290,000		\$34,290,000

**Interdisciplinary Sciences and Engineering Building**  
**(previously known as the Interdisciplinary Sciences Building)**  
 Irvine

#### SCOPE

The Irvine Interdisciplinary Sciences and Engineering Building project will accommodate growth in the Schools of Engineering, Physical Sciences, and Information & Computer Sciences. The project will provide 133,000 gross square feet of teaching space, research and scholarly activity space, academic and administrative office, and support space to address the most urgent space needs associated with enrollment and program growth in the three Schools.

The project budget and scope has been amended to maximize the use of the site and add critically needed space. The scope and budget of the State portion of the project are unchanged. The associated May 2018 Project Planning Guide (PPG) Amendment is attached.

Subsequently, the project was amended in November 2018 for a budget augmentation to build out 33,069 gross square feet (gsf) of the shell space on the second floor (760 gsf) and sixth floor (32,309 gsf) as part of the current construction effort. The additional space consists of additional laboratory space on the second floor, and laboratory, scholarly activity and academic office space on the sixth floor. The campus has been more successful in its faculty recruiting efforts than originally anticipated, and additional space is needed to help accommodate the new hires. The budget increase is funded with non-State funds. The associated October 2018 Project Planning Guide (PPG) Amendment is attached.

#### STATUS

Design is complete. The design phase was delayed due to the complexities of planning wet laboratory space in high-rise construction. Construction contract was approved for award in May 2018, and the additional construction funds for the build out of interior space were transferred in November 2018. Despite these complexities and scope increase, the State supported project is scheduled to complete in September 2020, consistent with the original PPG. Completion of the shell space will follow a few months later, in December 2020.

#### FUNDING

State General Funds for design and construction were approved in 2017-18 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Design	100%	\$3,800,000	\$1,000,000	\$4,800,000
Construction	11%	\$46,200,000	\$101,235,000	\$147,435,000
Equipment	0%		\$4,000,000	\$4,000,000
<b>Totals</b>		<b>\$50,000,000</b>	<b>\$106,235,000</b>	<b>\$156,235,000</b>

## Primary Electrical Improvements Step 4 Irvine

### SCOPE

This project improves the safety and reliability and increases the efficiency of the campus' electrical distribution system to support increased demand on the system. The project includes installing a new electrical transformer, constructing a new electrical South Substation, and adding a feeder from the Central Plant's cogeneration facility to the University Substation.

### STATUS

This project was implemented via a design-build project delivery. Design phase plans were approved in September 2015 and a Notice to Proceed was issued in February 2016. As reported previously, project delay from the original schedule is a result of later-than-anticipated release of design funds due to implementing the funding requirements associated with the new process involving State capital funds. In addition, a delay resulted from a re-evaluation of the coordination effort with the local utility. The project was completed in January 2018, a few weeks ahead of the last approved schedule. A notice of completion was filed for the project in November 2018.

### FUNDING

State General Funds for design and construction were approved in 2014-15 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Design	100%	\$916,000		\$916,000
Construction	100%	\$18,546,000		\$18,546,000
Totals		\$19,462,000		\$19,462,000

## CHS Seismic Correction and Fire Life Safety Los Angeles

### SCOPE

The project will seismically upgrade the nine-story Southeast Wing and the two basement levels beneath the East and West Courtyards in the Center for the Health Sciences (CHS) complex. The project also will install backbone fire sprinkler and standpipe systems, a fire water supply and distribution system, and a backbone fire alarm with centralized controls to serve the 2.4 million gross square feet (gsf) CHS complex.

Since August 2013, the campus has completed engineering studies that have allowed for the courtyard structures to be seismically upgraded to Level III, per California building code standards, as a separate campus-funded project, and identified a more cost-effective solution for seismically upgrading three adjacent structures in the complex. Office of the President approved the Project Planning Guide (PPG) Amendment in August 2014. The amended project scope includes upgrades to fire/life safety infrastructure throughout the complex.

In May 2017, the PPG was amended again to address seismic upgrades to an additional 68,949 gsf in the Dentistry Building within the CHS complex. The seismic corrections to this additional space can be performed within the approved project budget. A total of 684,600 gsf will be improved from a Level V to a Level III seismic rating.

### STATUS

The project received a Notice of Completion in June 2018.

### FUNDING

State General Funds for construction were approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$1,706,000	\$1,706,000
Working Drawings	100%		\$2,100,000	\$2,100,000
Construction	100%	\$48,349,000		\$48,349,000
Totals		\$48,349,000	\$3,806,000	\$52,155,000

## CHS SOM West Seismic Renovation

### Los Angeles

#### SCOPE

This project remedies seismic deficiencies in the 88,569 assignable square foot School of Medicine (SOM) West building (144,732 gross square feet) which is rated at a Level V (per California Building Code). The project also includes mandatory code corrections triggered by the structural work such as accessibility, and fire/life safety improvements in the structure, and upgrades to other fire/life safety infrastructure in other high-rise buildings in the complex.

In June 2017, a Project Planning Guide Addendum was accepted. The addendum clarified that the Dentistry Building was among the eligible high-rise structures that will receive upgrades to fire/life safety systems as part of this project. The Dentistry Building and SOM West building share connected corridors and like all structures in CHS, have an interconnected fire/life safety systems. This addendum did not result in any changes to the budget and was provided previously.

#### STATUS

Construction is substantially complete and the project is scheduled to receive a Notice of Completion in February 2019.

#### FUNDING

State General Funds for construction were approved in 2015-16 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$1,300,000	\$1,300,000
Working Drawings	100%		\$1,500,000	\$1,500,000
Construction	99%	\$25,000,000	\$3,900,000	\$28,900,000
Totals		\$25,000,000	\$6,700,000	\$31,700,000

**CHS NPI Seismic Correction**  
Los Angeles

**SCOPE**

The project will provide seismic corrections bringing the 305,181 gross square foot Neuropsychiatric Institute (NPI) building from a Level V to a Level III seismic rating (per the California Building Code). The project will also include mandatory code upgrades to address disabled access and fire/life safety systems in the building.

**STATUS**

Preliminary plans and working drawings are complete. The project is currently on hold as the campus has terminated its CM at Risk contract due to initial bids significantly exceeding estimates. The project is scheduled to be rebid as a lump sum contract in March 2019. Based on this revised bid date, the project is expected to complete in October 2021. This represents a 16 month delay from the December 2017 State General Funds for Capital Improvements Status Report.

**FUNDING**

State General Funds for construction were approved in 2017-18 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$1,820,000	\$1,820,000
Working Drawings	100%		\$1,902,000	\$1,902,000
Construction	0%	\$25,000,000	\$11,278,000	\$36,278,000
Totals		\$25,000,000	\$15,000,000	\$40,000,000

**Franz Hall Tower Seismic Renovation**  
Los Angeles

**SCOPE**

The project will provide seismic corrections and program improvements to the 123,723 gross square foot Franz Hall Tower, bringing the building from a Level V to a Level III seismic rating (per the California Building Code). Mandatory code corrections triggered by the structural work will include disabled access upgrades and fire/life safety improvements.

**STATUS**

Preliminary plans and working drawings are complete. Construction has started and the project is scheduled to complete in June 2020, consistent with the original approval.

**FUNDING**

State General Funds for construction were approved in 2017-18 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$3,755,000	\$3,755,000
Working Drawings	100%		\$2,025,000	\$2,025,000
Construction	11%	\$25,000,000	\$19,220,000	\$44,220,000
Totals		\$25,000,000	\$25,000,000	\$50,000,000



## Central Plant/Telecommunications Reliability Upgrade Merced

### SCOPE

This project will provide improvements to the campus emergency power system, improvements to central campus telecommunications, equipment for the central utilities plant, and installation of a domestic water bypass at the campus water main entry. This project is required in order to accommodate the campus' utility needs, which are currently strained as a result of enrollment growth.

### STATUS

The project was completed in October 2016, a five month delay from what was reported in the December 2015 State General Funds for Capital Improvements Status Report. The campus opted to delay implementing the scope in order to coincide with the delivery of the Classroom and Academic Office Building. The campus is finishing checklist items during the 2018 winter recess, before filing a Notice of Completion in February 2019.

### FUNDING

State General Funds for preliminary plans and working drawings were approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. State General Funds for construction were approved in 2014-15 under the same funding mechanism.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$600,000		\$600,000
Working Drawings	100%	\$800,000		\$800,000
Construction	100%	\$15,183,000		\$15,183,000
Totals		\$16,583,000		\$16,583,000

## Classroom and Academic Office Building Merced

### SCOPE

This project will house 50,869 assignable square feet (77,348 gross square feet) of classrooms, tutorial space, dry research laboratories, scholarly activity, and academic and administrative offices for instruction and research programs. The project includes five lecture halls ranging from 90 to 210 seats, seminar and tutorial rooms, and 13 research laboratories designed with an emphasis on flexible use for evolving programs. The scope of work also includes associated infrastructure.

### STATUS

The building was fully occupied and operational for the fall 2016 semester. All equipment has been procured for this project. The project was delayed six months from what was reported in the December 2015 State General Funds for Capital Improvements Status Report. The campus is planning to file a Notice of Completion in February 2021. The filing is delayed due to checklist items related to roadwork in that has been inaccessible because of ongoing site and infrastructure work for the Merced 2020 Project.

### FUNDING

State funding for preliminary plans and working drawings were appropriated with General Obligation Bonds in 2012. State General Funds for construction were approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. State General Funds for equipment was approved in 2015-16 using the same funding mechanism.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$2,150,000		\$2,150,000
Working Drawings	100%	\$2,600,000		\$2,600,000
Construction	100%	\$45,144,000		\$45,144,000
Equipment	100%	\$4,805,000		\$4,805,000
Totals		\$54,699,000		\$54,699,000

## Merced State 2020 Project Merced

### SCOPE

This project includes approximately 403,200 assignable square feet (asf) (approximately 608,300 gross square feet) consisting of the following: instructional, research, and academic office space (373,400 asf); an enrollment center (18,400 asf), and space for campus operations (11,400 asf). The project also includes infrastructure proportionate to the State eligible space. This project is part of the larger 789,900 asf comprehensive Merced 2020 Project that will support the campus's plan to grow enrollment to 10,000 students by 2020.

### STATUS

Construction commenced in November 2016.

In June 2017, after finalizing the project agreements with the preferred developer and analyzing UC's system wide commitments of State General Funds for capital outlay, the project budget and funding plan was updated accordingly. The Project Planning Guide Update, provided previously, details the budget reallocations to properly assign State supportable space to the State project budget and describes shifts in funding to assign more State funding to State supportable space.

The project is being delivered in the three phases. The first phase was delivered to the University in July 2018 and occupied in August 2018 as anticipated in the approved schedule. The second and third phases are estimated to be available in June 2019 and June 2020, respectively.

### FUNDING

State General Funds for preliminary plans, working drawings, construction and equipment were approved in 2016-17 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

In June 2017 the budget for the State project increased from \$688.55 million to \$763.64 million and State sources increased from \$527.5 million to \$653.9 million; however the total project budget (\$1,338.48 million) did not change as a result of this update.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$18,857,000	\$2,071,000	\$20,928,000
Working Drawings	95%	\$43,999,000	\$4,883,000	\$48,882,000
Construction	65%	\$553,145,000	\$102,786,000	\$655,931,000
Equipment	20%	\$37,899,000		\$37,899,000
<b>Totals</b>		<b>\$653,900,000</b>	<b>\$109,740,000</b>	<b>\$763,640,000</b>

## Batchelor Hall Building Systems Renewal Riverside

### SCOPE

This project will upgrade the core building systems of an approximately 56,100 assignable square feet (approximately 110,100 gross square feet) academic building. The core building systems have reached and/or surpassed their life expectancy, and do not effectively support contemporary laboratory science. This project will upgrade or replace elements of the heating, ventilation and air conditioning, electrical, building plumbing, and fire protection systems.

### STATUS

Preliminary plans were completed in July 2016, and working drawings are to be completed in June 2019. New mandatory building code requirements established since the initial project approval in 2007 necessitated revisions to the design. Additional time was required to address these issues, prepare a detailed construction phasing and logistics plan for the occupied building, and to reconcile costs within the established budget. A four-phased construction strategy has been adopted to complete the work in an efficient and cost effective manner and to minimize disruption to ongoing research in the building. The anticipated project completion is November 2021 representing a 12 month delay from the date reported in the December 2017 State General Funds for Capital Improvements Status Report.

### FUNDING

Preliminary plans were funded in 2007 with General Obligation Bonds. State General Funds for working drawings and construction were approved in 2015-16 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$402,000		\$402,000
Working Drawings	95%	\$1,333,000		\$1,333,000
Construction	0%	\$16,444,000		\$16,444,000
Totals		\$18,179,000		\$18,179,000

## Environmental Health and Safety Expansion Riverside

### SCOPE

This project will equip an approximately 17,800 assignable square foot (approximately 29,100 gross square foot) building that accommodates environmental, health, and safety administrative offices and support space; a safety training/learning center; wet laboratories; building support space; and facilities for the receipt, handling, and disposal of hazardous waste materials.

### STATUS

The project was completed and the building was occupied in February 2016. All equipment for the building has been procured. A Notice of Completion was filed for the project in May 2016.

### FUNDING

Preliminary plans were funded in 2007 with General Obligation Bonds. Working drawings were funded from lease-revenue bonds savings from a non-UC project. Construction funds were funded with external financing, serviced by State General Funds. State General Funds for equipment were approved in 2015-16 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$400,000		\$400,000
Working Drawings	100%	\$635,000	\$415,000	\$1,050,000
Construction	100%	\$15,984,000	\$3,248,000	\$19,232,000
Equipment	100%	\$369,000		\$369,000
<b>Totals</b>		<b>\$17,388,000</b>	<b>\$3,663,000</b>	<b>\$21,051,000</b>

## Pierce Hall Improvements Riverside

### SCOPE

The project will renovate an approximately 66,800 assignable square feet (approximately 114,300 gross square feet) academic building. The renovations include renewing utility and building systems that have reached and/or surpassed their expected life expectancy, address code deficiencies (e.g. fire, life safety, disabled access), and improve systems that will reduce energy and water consumption. The project was originally planned to construct a new classroom addition that would have provided new general assignment classrooms with a combined total of approximately 200 student stations.

In June 2017, the campus completed further analysis that concluded expanding teaching laboratories is a higher priority than new classroom seats as originally proposed. An amendment to the Pierce Hall Improvements project revised the project scope from constructing a new classroom building with 200 student stations to renovating space in Pierce Hall. The change repurposes existing out-of-date laboratory space to create new instructional laboratories containing 192 stations to resolve a significant instructional laboratory space shortage, and will create a new 15-25 station general assignment seminar room. The campus is moving forward with a separate project to provide new classrooms, and is studying pedagogical trends to develop project goals. No additional State funds were associated with the Project Planning Guide (PPG) Amendment.

### STATUS

Preliminary plans are complete and working drawings were accepted in December 2018. Bidding was completed and a budget augmentation using non-State resources to cover a shortfall of \$3,882,000 will be requested in January 2019 in order to award contracts and commence construction. The project is expected to complete construction in June 2021, a 11 month delay from the December 2017 State General Funds for Capital Improvements Status Report. The delay is primarily related to the need to rebid the project after costs exceeded estimates.

### FUNDING

State General Funds for preliminary plans, working drawings, and construction were approved in 2015-16 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$1,387,000		\$1,387,000
Working Drawings	100%	\$2,428,000		\$2,428,000
Construction	0%	\$30,865,000		\$30,865,000
<b>Totals</b>		<b>\$34,680,000</b>		<b>\$34,680,000</b>

**Student Success Center**  
Riverside

### SCOPE

The original project included approximately 39,000 assignable square feet (asf) of general assignment classrooms, co-located student advising offices, multipurpose spaces available for use by student organizations, informal study and lounge areas, and support spaces.

A Project Planning Guide Amendment in November 2018, provided with this report, adjusted the scope to remove the co-located student advising offices after a determination that the 3,000 asf available for that use was not sufficient to effectively operate the advising program. Options for alternative spaces on campus for the advising program have been identified and general assignment classroom space in the project has been increased to a total of 26,900 asf.

### STATUS

The study phase is complete and development of the Basis of Design document is nearing completion so that the Design-Builder selection process can commence. The project schedule estimates preliminary plans will be completed in August 2019. The working drawings for the design build project are estimated to begin in September 2019. Construction is scheduled to begin in November 2019 and will be completed in May 2021, a four month delay from the initial schedule.

### FUNDING

State General Funds for preliminary plans, working drawings, construction, and equipment were approved in 2018-19 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

The November 2018 PPG Amendment adjusted the total project budget to account for utilization of campus funds for the study phase and to reallocate funds between phases to reflect current cost estimates. The amount of State resources in the budget did not change.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Study	100%	\$0	\$630,000	\$630,000
Preliminary Plans	0%	\$757,000	\$2,220,000	\$2,977,000
Working Drawings	0%	\$574,000	\$866,000	\$1,440,000
Construction	0%	\$45,669,000	\$6,234,000	\$51,903,000
Equipment	0%	\$3,000,000	\$480,000	\$3,480,000
<b>Totals</b>		<b>\$50,000,000</b>	<b>\$10,430,000</b>	<b>\$60,430,000</b>

**Biological and Physical Sciences Building**  
San Diego

**SCOPE**

This project will construct a new building consisting of 73,470 assignable square feet (128,888 gross square feet) of teaching laboratory and service space; research and scholarly activity space; an auditorium; a Nuclear Magnetic Resonance facility; and academic and administrative office, support, and conference space. The facility will provide modern instruction and research facilities for programs in the Division of Biological Sciences and the Chemistry/Biochemistry Department.

**STATUS**

The project construction was completed in July 2018, one month past the original schedule. Occupancy occurred in September 2018. New faculty recruitments are still underway, and equipment procurement is 75% complete. Remaining equipment to be procured is primarily furniture for the new faculty, and it is expected to be complete by December 2019.

**FUNDING**

State General Funds for construction were approved in 2015-16 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Project Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$4,500,000	\$4,500,000
Working Drawings	100%		\$5,650,000	\$5,650,000
Construction	100%	\$55,800,000	\$44,950,000	\$100,750,000
Equipment	75%		\$4,600,000	\$4,600,000
<b>Totals</b>		<b>\$55,800,000</b>	<b>\$59,700,000</b>	<b>\$115,500,000</b>



## Campus Life Safety Improvements San Diego

### SCOPE

This project will address fire and life safety improvements, address critical primary and emergency power requirements, and achieve health and safety code compliance for storm water management systems. This three-component project includes eighteen elements, including three electrical projects, five storm water improvement projects, and fire life safety improvements at ten buildings.

When the Project Planning Guide (PPG) was approved, ten buildings were proposed for fire sprinkler and/or fire alarm system improvements. The campus needed to expedite the scope of work that addressed laboratory safety and had to use non-State resources to proceed with improvements to: Basic Sciences Building, Kaplan Lab, and Scholander Hall. The project was amended to include fire safety improvements to three other buildings: Eckart Building, McGill Hall, and Mandler Hall. The PPG Amendment was approved in March 2015.

### STATUS

All three of the Critical Electrical Power component projects were complete as of July 2018 and had \$2,688,000 in savings. In June 2018, the campus received approval to reapportion savings to the two remaining components in the program: Storm Water Management increase of \$1,474,000 for a total component budget of \$9,321,000, and Fire and Life Safety Improvements increase of \$1,214,000, for a total component budget of \$10,425,000. Eight of the ten buildings in the Fire Life Safety Improvements component were complete as of September 2018. The campus plans to award construction contracts for the two remaining buildings in April 2019, with completion anticipated by January 2020. Two of the five Storm Water Management Improvement projects are complete; work at Nimitz Marine Facility (MARFAC) is 40% complete. The final two projects are currently bidding, with bids due at the end of January 2019.

Completion of all 18 individual components is expected by January 2020, which is 22 months later than the March 2015 PPG Amendment. Fire Life Safety Improvements were delayed due to the campus reaching contracting limits on the Job Order Contract and having to re-bid, and due to extended design and review time for two historic buildings. Storm Water Improvements were delayed due to: coordination with Caltrans and extension of Light Rail Trolley service; City of San Diego storm water system repairs; multiple Coastal Commission reviews; and work at MARFAC pier that can only be completed when ships are at sea.

### FUNDING

State General Funds for working drawings and construction were approved in 2014-15 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Project Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$2,045,000	\$2,045,000
Working Drawings	99%	\$2,550,000		\$2,550,000
Construction	80%	\$46,460,000		\$46,460,000
<b>Totals</b>		<b>\$49,010,000</b>	<b>\$2,045,000</b>	<b>\$51,055,000</b>

**Ridge Walk Academic Complex**  
San Diego

**SCOPE**

The design-build project includes a total of approximately 128,000 assignable square feet, including space for departments and programs within the Division of Social Sciences and the Division of Arts and Humanities, as well as General Assignment classrooms and support space. The project will add approximately 175 classroom seats as well as academic office, department instructional/seminar space, and scholarly activity/collaborative space.

**STATUS**

Schematic design phase began in April 2017 and was completed in September 2017. The working drawings phase began in May 2018 and completion is anticipated February 2019. The working drawings phase was extended to accommodate longer than anticipated agency review process. Anticipated project completion remains September 2020, which is consistent with the original schedule.

**FUNDING**

State General Funds for construction was approved in 2018-19 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. Since the approved Project Planning Guide, the non-State fund sources have changed. Gift funds of \$20 million were replaced with additional external financing. As a result of the additional external financing and associated financing costs on the non-State portion of the project, the budget has increased by \$729,000, from \$117,409,000 to \$118,138,000.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$4,000,000	\$4,000,000
Working Drawings	90%		\$8,000,000	\$8,000,000
Construction	0%	\$50,000,000	\$45,407,000	\$95,407,000
Equipment	0%		\$10,731,000	\$10,731,000
<b>Totals</b>		<b>\$50,000,000</b>	<b>\$68,138,000</b>	<b>\$118,138,000</b>

## Clinical Sciences Building Seismic Retrofit San Francisco

### SCOPE

This project remedies severe seismic deficiencies in the 84,000 assignable square feet (109,126 gross square feet) Clinical Sciences Building which currently is rated at Level VI per California Building Code standards. The scope of the project includes modernization of the building's infrastructure to meet current code requirement as well as tenant improvements to provide critically needed faculty office and instructional space directly adjacent to UCSF Medical Center hospitals and clinics.

A Project Planning Guide (PPG) Amendment in August 2014 increased the scope to: provide a new handicap entrance, renovate the former entrance into a classroom, and - on floors six and seven - improve access and seismic connectivity between the original building and the 1963 addition. The additional scope totals 3,180 gross square feet or a 3% increase to the original scope and will be funded through non-State resources.

### STATUS

The project was procured in two bid packages. Preliminary plans are complete, working drawings are complete and construction funds were released in December 2015 and July 2016. A portion of the work in Bid Package 1 commenced and the campus subsequently identified the need to change general contractors. Construction progress was suspended and none of Bid Package 2 was awarded. A new general contractor was identified and the project was re-bid. A PPG Amendment was approved in January 2018 along with a request for an increase in non-State funds needed to cover the increased cost. The PPG Amendment is included with this report.

Completion of construction was originally scheduled for July 2017 and is now expected in December 2019. The delay is primarily related to the time required to rebid and remobilize the general contractor and subcontractors.

### FUNDING

State General Funds for working drawings were approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

In January 2018, a budget augmentation of \$55,378,000 using non-State funds was approved by the Board of Regents to cover construction cost increases. The total project budget increased to \$151.19 million, but there was no increase to the amount of State funds in the budget.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$5,216,000	\$5,216,000
Working Drawings	100%	\$2,800,000		\$2,800,000
Construction	40%	\$21,735,000	\$116,658,000	\$138,393,000
Equipment	0%		\$4,781,000	\$4,781,000
<b>Totals</b>		<b>\$24,535,000</b>	<b>\$126,655,000</b>	<b>\$151,190,000</b>

## Health Sciences Instruction & Research Life Safety Improvements San Francisco

### SCOPE

The project will remediate life-safety egress impediments with selective and strategic renovations on multiple floors in the Health Sciences Instruction & Research (HSIR) complex, specifically in the Health Sciences East and Health Sciences West towers. The towers house a combined total of approximately 300,000 assignable square feet.

### STATUS

The design phase was delayed due to additional study and planning for the work to be done in the HSIR towers. In addition, this project and the separate HSIR Seismic Improvements project now are being designed and planned for construction as a coordinated program, as part of a risk management approach for implementing construction on a fully-occupied facility.

The design phase has commenced. The project is planned for March 2022 representing a two year delay from the December 2017 State General Funds for Capital Improvements Status Report.

### FUNDING

State General Funds for construction was approved in 2018-19 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Design	10%	\$3,000,000		\$3,000,000
Construction	0%	\$10,000,000		\$10,000,000
Totals		\$13,000,000		\$13,000,000

## Health Sciences Instruction & Research Buildings Seismic Improvements San Francisco

### SCOPE

The project includes seismic retrofit of the utilities and building systems to reduce laboratory down time, preserve valuable research, and improve functionality following an earthquake. The improvements will upgrade the seismic rating of the buildings to Level III.

### STATUS

The design phase was delayed due to additional study and planning for the work to be done in the Health Sciences Instruction & Research (HSIR) towers. In addition, this project and the separate HSIR Life Safety Improvements project now are being designed and planned for construction as a coordinated program, as part of a risk management approach for implementing construction on a fully-occupied facility

Preliminary plans have commenced. The project is planned to complete construction in March 2022, representing a one year delay from the December 2017 State General Funds for Capital Improvements Status Report.

### FUNDING

State General Funds for construction was approved in 2018-19 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	30%		\$5,500,000	\$5,500,000
Working Drawings	0%		\$4,932,000	\$4,932,000
Construction	0%	\$37,000,000		\$37,000,000
Totals		\$37,000,000	\$10,432,000	\$47,432,000

## Academic Support Facility Santa Barbara

### SCOPE

This project will address the severe deficiencies in existing animal facilities and the critical need to accommodate the number of animals necessary to meet current and future campus research needs. The project will provide a new vivarium of 9,278 assignable square feet (asf). The 9,278 asf (14,681 gross square feet) vivarium will be located in the previously authorized Bioengineering Building. The project originally included a donor funded 2,911 asf laboratory to accommodate a collaborative translational research program involving the campus and a regional medical center; this component, however, was removed from the project when the donor withdrew from the project.

Additional non-State funds were approved in December 2014 by Office of the President to address increased costs following receipt of bids.

### STATUS

The project is complete as of August 2017, representing a four month delay from the last approval, due to delay of furnishings and equipment deliveries and installation. A Notice of Completion was filed for the project in June 2018.

### FUNDING

State General Funds for construction were approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. Additional non-State funds were approved in December 2014 by Office of the President to address increased costs following receipt of bids.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$304,000	\$304,000
Working Drawings	100%		\$241,000	\$241,000
Construction	100%	\$26,505,000	\$630,000	\$27,135,000
Totals		\$26,505,000	\$1,175,000	\$27,680,000

## Campbell Hall Replacement Building Santa Barbara

### SCOPE

This project had proposed to replace the campus's 860-seat Campbell Hall, with a modern instructional hall to support undergraduate instruction, Arts and Lectures programming, and student and staff functions. The 57-year old building had several deficiencies: a structurally unsafe suspended ceiling that poses serious life-safety concerns; friable asbestos, and fire-safety, accessibility, and building code compliance issues.

However, during planning and design, project analyses identified issues that made the project unviable. In addition, the campus priority has shifted away from the replacement of Campbell Hall and towards the need to expand the campus's overall classroom inventory to support enrollment growth, and to provide classrooms that serve new teaching pedagogies.

The Santa Barbara campus proposes to redirect the funding formerly apportioned to Campbell Hall to the proposed Classroom Building project. The campus submitted the Classroom Building project to the State in August 2018 as part of the 2019-20 Budget for State Capital Improvements.

### STATUS

Project analysis discovered problematic geologic site conditions, underground utility duct banks, increased scope requirements due to codes, and unbudgeted cost escalation that made the Campbell Hall Replacement Building project unviable. Collectively, these factors yielded an estimated budget overrun of 51%.

Concerned about the financial viability of the replacement project and in response to immediate safety concerns, the campus made critical life-safety improvements and repairs to Campbell Hall. These repairs and improvements allow safe and ongoing use of the building. Given the stabilization of Campbell Hall, demolition is no longer a priority; replacement remains a long-term goal given the building's system obsolescence and functional inadequacies.

Campus has removed the Campbell Hall Replacement Building project from Santa Barbara's capital program and the *2015-16 Budget for State Capital Improvements*. This will be the last year the campus reports on the Campbell Hall Replacement Building project.

### FUNDING

State General Funds were approved under the funding mechanism authorized in accordance with Sections 92493 through 92496 of the California Education Code. A total of \$441,000 of non-State funds was spent during the preliminary plans phase of the project; State funding remained unspent.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	NA	\$0	\$441,000	\$441,000
Totals		\$0	\$441,000	\$441,000

## Infrastructure Renewal Phase 1 Santa Barbara

### SCOPE

Part of a multi-phased infrastructure upgrade program, this project will upgrade the Santa Barbara campus utility infrastructure to address the most serious deficiencies constraining operations of the campus. The existing systems are old and outdated, in poor condition, undersized for existing load demand and unable to effectively accommodate growth. This Phase 1 project will upgrade the most deficient sewer, storm drain, gas, and water systems.

### STATUS

This project was initiated in 2007, and Phase 1A construction was completed in March 2012 with non-State resources. In October 2015, the construction contract for Phase 1B was awarded, including an additive alternate for a ten-inch water line extension on Ocean Road. Concurrently, a project amendment was approved for a Phase 1C component addressing major storm drain and seawater outfall work along Lagoon Road, work that was included originally in the project submitted to the State in 2007, but had been removed due to budget constraints and need for additional study. Phase 1C bid in November 2016, with funds from the favorable bid for Phase 1B.

Unforeseen condition of natural gas valves and lines in Phase 1B contributed to a delay in completion of 1B. Favorable bid savings from Phase 1C funded a change order for the repair of additional gas line work in Phase 1B.

Substantial completion of Phase 1B and Phase 1C occurred in October 2017, marking the finish of the entire Infrastructure Renewal Phase 1 project. The completion date is five months later than reported in the December 2016, State General Funds for Capital Improvements Status Report. This delay is associated with: 1) longer than anticipated review time to obtain approvals from the California Coastal Commission for Phase 1C; and 2) coordination of road repairs with the academic calendar, needed to mitigate traffic impacts and conflicts around student residence halls and major pedestrian thoroughfares, particularly at commencement and during student housing move-in/out dates.

### FUNDING

State funding for preliminary plans and working drawings were appropriated with General Obligation Bonds in 2006 and 2007 respectively. State General Funds for construction were approved in 2014-15 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$489,000	\$251,000	\$740,000
Working Drawings	100%	\$252,000	\$530,000	\$782,000
Construction	100%	\$12,136,000	\$5,169,000	\$17,305,000
Totals		\$12,877,000	\$5,950,000	\$18,827,000



## Coastal Biology Building Santa Cruz

### SCOPE

This project will provide approximately 32,000 assignable square feet (48,839 gross square feet) of research, instructional and office space on the Coastal Science Campus to support the past decade's exponential growth in the Ecology and Evolutionary Biology program and will serve as the center for UCSC's nationally and internationally recognized programs in marine-dependent and coastal-related biological sciences. The project will also provide the necessary site infrastructure to operate the facility. An Amendment to the Project Planning Guide for an increase in equipment funding utilizing State General Funds was approved by the State in 2015-16.

### STATUS

Construction is complete and the building is occupied. Equipment purchases are scheduled to complete in December 2019, representing a 20 month delay from the December 2017 State General Funds for Capital Improvements Status Report. The delay is related to unanticipated lead time for procuring some pieces of highly technical research equipment.

### FUNDING

State General Funds for working drawings were approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. State General Funds for construction were approved in 2014-15 under the same funding mechanism. State General Funds for equipment were approved in 2015-16 under the same funding mechanism.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$3,985,000	\$3,985,000
Working Drawings	100%	\$3,530,000		3,530,000
Construction	100%	\$64,127,000	\$6,580,000	\$70,707,000
Equipment	65%	\$2,000,000		\$2,000,000
<b>Totals</b>		<b>\$69,657,000</b>	<b>\$10,565,000</b>	<b>\$80,222,000</b>

## Environmental Health and Safety Facility Santa Cruz

### SCOPE

The project will construct a new regulated waste-handling and storage facility of approximately 4,665 assignable square feet (asf)/7,305 gross square feet to meet regulated waste demands based on current enrollments and research programs. The new facility will be located close to the center of campus where most waste is generated, thereby reducing transportation risk and costs, increasing operational efficiency, and facilitating an increased level of service to campus clients.

### STATUS

Preliminary plans and working drawings have been approved. Approval to award construction contracts was given in September 2017. Refinements made during the preliminary plans phase have reduced the total program from 5,200 asf to approximately 4,665 asf, while still meeting all project goals. This reduction was achieved through: reconfiguring the space to gain efficiencies, changing restroom facility designs to adhere to University policy, and incorporating material processing efficiencies. Office of the President approved the Project Planning Guide amendment in August 2016.

In the December 2016 State General Funds for Capital Improvements Status Report construction was anticipated to complete by the end of September 2018, which was 3 months earlier than with the original schedule. Due to delays related to electrical and sewer change orders, construction is now estimated to be complete by the end of June 2019.

### FUNDING

State General Funds for preliminary plans, working drawings, and construction were approved in 2015-16 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$1,201,000		\$1,201,000
Working Drawings	100%	\$849,000		\$849,000
Construction	60%	\$17,387,000		\$17,387,000
<b>Totals</b>		<b>\$19,437,000</b>		<b>\$19,437,000</b>

**Kresge College Academic**  
Santa Cruz

### SCOPE

The proposed project would address campus-wide issues of enrollment growth by adding a new building at the north end of the existing Kresge College site. The facility would house academic programs including a lecture hall with approximately 600 seats.

### STATUS

Preliminary plans began in April 2018 and are scheduled to be complete in March 2019. The working drawings are estimated to begin in April 2019 and be completed in September 2019. If construction funding is approved by the State, the project is scheduled to go to bid in October 2019 and construction is scheduled to begin in December 2019. The project is expected to be completed in September 2021, one month later than proposed in the last approval.

### FUNDING

Preliminary plans were funded using non-State resources. State General Funds for working drawings was approved in 2018-19 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. Funding for construction has been requested in the 2019-20 Budget under the same funding mechanism.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	75%		\$3,000,000	\$3,000,000
Working Drawings	0%	\$2,800,000		\$2,800,000
Construction	0%	\$46,000,000		\$46,000,000
Equipment	0%	\$1,200,000		\$1,200,000
Totals		\$50,000,000	\$3,000,000	\$53,000,000

## Life Safety Upgrades Santa Cruz

### SCOPE

This project will address fire, life-safety and health concerns, including critical code deficiencies, by providing improvements and upgrades to fire sprinkler, fire alarm, and back-up power systems in a total of 18 campus instructional, research, and administrative buildings. The project also will reduce significant life-safety risks to campus pedestrians by providing additional outdoor pathway lighting on heavily-used circulation routes throughout the campus.

### STATUS

Preliminary plans and working drawing are complete. Bids for the original scope exceeded available funds and as a result, in March 2016, a scope reduction was approved to keep the project on budget. When the project was nearly 60% complete, the campus recognized there would be a savings of approximately \$600,000 of State funds. In January 2018, the campus obtained approval to add the original scope back into the project. As a result of this change, the schedule to complete the project was also extended. Construction is expected to be complete September 2019, representing a 12 month delay from the December 2017 State General Funds for Capital Improvements Status Report.

### FUNDING

State General Funds for preliminary plans, working drawings, and construction were approved in 2014-15 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. Additional \$859,000 in non-State funds was committed to the project in May 2016.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%	\$370,000		\$370,000
Working Drawings	100%	\$507,000		\$507,000
Construction	75%	\$9,324,000	\$859,000	\$10,183,000
Totals		\$10,201,000	\$859,000	\$11,060,000

**Telecommunications Infrastructure Phase B**  
Santa Cruz

**SCOPE**

The Telecommunications Infrastructure Improvements Phase B project will upgrade existing voice and data infrastructure on the Santa Cruz campus by providing reliable converged services – voice, video, and data – over a single cable plant that will increase internet speeds and Wi-Fi availability for instruction and research.

**STATUS**

The project was completed in December 2017, which is a 10 month delay from the original schedule. The construction delay is related to additional time needed to complete electrical systems coordination and equipment commissioning.

**FUNDING**

State General Funds for construction were approved in 2015-16 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. Preliminary plans, working drawings and additional construction funds are provided by non-State resources.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$541,000	\$541,000
Working Drawings	100%		\$736,000	\$736,000
Construction	100%	\$12,623,000	\$442,000	\$13,065,000
Totals		\$12,623,000	\$1,719,000	\$14,342,000

## Northern Regional Library Facility Phase 4 Expansion Systemwide

### SCOPE

The project includes adding a fourth module to the existing Northern Regional Library Facility at the UC Richmond Field Station to house 3.1 million volumes and an adjacent staff area to support program needs. Project scope includes construction of an approximately 27,500 gross square foot, 24,750 assignable square foot addition. The project includes a one-story stack area utilizing a high bay storage system, a staff work area, and associated site work, including infrastructure, limited exterior landscaping, and site improvements.

### STATUS

The project completed preliminary plans in March 2018 and is now in working drawings phase. Construction is scheduled to begin in March 2019 and will be completed in August 2020, consistent with the last approved schedule.

### FUNDING

State General Funds for construction and equipment were approved in 2018-19 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>Complete</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	100%		\$600,000	\$600,000
Working Drawings	99%		\$1,900,000	\$1,900,000
Construction	0%	\$29,400,000		\$29,400,000
Equipment	0%	\$600,000		\$600,000
<b>Totals</b>		<b>\$30,000,000</b>	<b>\$2,500,000</b>	<b>\$32,500,000</b>

## **2017-18 Systemwide State Deferred Maintenance Program** Systemwide

### **SCOPE**

The 2017-18 Systemwide State Deferred Maintenance Program of \$50 million is the first phase of a program to: (1) fund existing deferred maintenance work up to \$35 million and (2) funds of \$15 million to perform facility condition assessments on State eligible space. These assessments will deliver a credible deferred maintenance and capital renewal forecast for State eligible space. The deferred maintenance work includes: repair or replacement of elevators, roofs, air ventilation units, hot water/chilled water distribution systems, air handlers, fire alarms, fume hoods, moisture barriers, electrical and switchgear, and others as appropriate.

### **STATUS**

Facility condition assessments are expected to be complete fall 2020, consistent with the original schedule. Status of individual deferred maintenance project may be found in the Appendix.

### **FUNDING**

Funding of \$50,000,000 for the 2017-18 program was approved under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

**2018-19 Systemwide State Deferred Maintenance Program**  
Systemwide

**SCOPE**

The 2018-19 Systemwide State Deferred Maintenance Program of \$35 million. The deferred maintenance work includes: repair or replacement of elevators, roofs, air ventilation units, hot water/chilled water distribution systems, air handlers, fire alarms, fume hoods, moisture barriers, electrical and switchgear, and others as appropriate.

**STATUS**

Office of the President has submitted deferred maintenance project lists for review and approval to the Department of Finance.

**FUNDING**

Funding of \$50,000,000 for the 2018-19 program was approved in 2018-19 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. All funding is for deferred maintenance work.



## APPENDIX

**2017-18 Systemwide State Deferred Maintenance Program**  
Systemwide

CAMPUS	FACILITY LOCATION	DEPARTMENT - PROJECT TITLE	STATE FUNDS	NON-STATE FUNDS	STATUS	NOTES
ANR	Desert Research and Extension Center	Replace HVAC, lighting, and interior finishes that have exceeded useful life	\$150,000		On Hold	Funding and project details being analyzed.
ANR	Intermountain Research and Extension Center	Asphalt Replacement- replace the existing asphalt and re-compaction of existing sub base within the most heavily used areas of the Center.	\$275,000		In Progress	Majority of the construction work is completed; final budget being determined.
ANR	Lindcove Research and Extension Center	Asphalt Restoration- repair major ruts and potholes in two areas of the Center.	\$225,000		On Hold	Funding and project details being analyzed.
ANR	South Coast Research and Extension Center	Restroom Renovation- Replace partitions, fixtures and finishes that have exceeded useful life. Will require some reconfiguration for ADA compliance.	\$150,000	\$100,000	On Hold	Funding and project details being analyzed.
Berkeley	Anna Head Buildings: B, C, D	Building Envelope: Replace roofs, portion of sheathing, re-route of fire sprinklers, and window restoration.	\$3,800,000		On Hold	Project is on hold pending integration with recommendations for the campus's other seismic priorities.
Davis	Briggs Hall/ 550 Storer Mall/ UC Davis Calif. 95616	Replace 4 Hydraulic Elevators	\$1,000,000		In Progress	Bid package completed / 20%
Davis	Pritchard Vet Med Teaching Hospital/ 1200 Vet Med Mall/ UC Davis, Calif. 95616	Replace 3 Hydraulic Elevators	\$750,000		In Progress	Bid package completed / 20%
Davis	Voorhies Hall/101 Peter J. Shields Avenue/UC Davis, Calif. 95616	Replace 1 Hydraulic Elevator	\$250,000		In Progress	Bid package completed / 20%
Davis	Young Hall/ 200 East Quad/ UC Davis, Calif. 95616	Replace 2 Hydraulic Elevators	\$500,000		In Progress	Bid package completed / 20%
Davis	Bainer Hall/ 222 Physical Sciences Mall/ UC Davis, Calif. 95616	Replace 2 Hydraulic Elevators	\$500,000		In Progress	Bid package completed / 20%

CAMPUS	FACILITY LOCATION	DEPARTMENT - PROJECT TITLE	STATE FUNDS	NON-STATE FUNDS	STATUS	NOTES
Davis	Everson Hall/ 300 Hutchison Drive/ UC Davis, Calif. 95616	Replace 1 Hydraulic Elevator	\$250,000		In Progress	Bid package completed / 20%
Davis	Chemistry Annex/ 221 Physical Sciences Mall/ UC Davis, Calif. 95616	Replace 2 Traction Elevators	\$500,000		In Progress	Bid package completed / 20%
Davis	Kemper Hall/ 545 Bainer Hall Drive/ UC Davis, Calif. 95616	Replace 2 Hydraulic Elevators	\$50,000	\$200,000	In Progress	Bid package completed / 20%
Irvine	Reines Hall	Replace coils in air handlers	\$1,500,000		In Progress	In construction. Substantial completion expected early February. 50% complete.
Irvine	Medical Sciences A-D	Mechanical equipment replacement	\$1,750,000		In Progress	Construction complete, in punch list phase. Beneficial occupancy expected Jan-19. 98% complete.
Irvine	Beckman Laser Institute	Replace air handling units*	\$550,000	\$1,950,000	In Progress	In construction. Substantial completion expected Jan-19. 40% complete.
Los Angeles	Boelter Hall	Replace overaged Flooring, Ceilings, Seating, Wall Finishes and AV/Lighting Systems in Twelve (12) General Assignment Classrooms	\$1,616,000		In Progress	95% complete. 1 classroom has flooring to be replaced.
Los Angeles	Boelter Hall	Replace overaged Flooring, Ceilings, Seating, Wall Finishes and AV/Lighting Systems in General Assignment Classroom Auditorium 3400	\$740,000		Complete	
Los Angeles	Macdonald Research Laboratory	Replace Elevator Control System, Cabs 279, 280, 281 and 282	\$715,000		On Hold	Have not started yet. Anticipated to start within a couple of months.
Los Angeles	West Medical Chiller Plant	Replace 400-Ton York Chiller	\$729,000	\$71,000	In Progress	Planning is currently ongoing.
Riverside	Surge Building	Replace/Repair Façade Tiles and Related Exterior	\$1,250,000		Complete	
Riverside	Electrical Substation & Infrastructure Renewal	12kV/4kV substation and connected infrastructure renewal (e.g., replace/renew switchgear and related equipment including addressing conditions and connections below I-215)	\$2,500,000		In Progress	Consultant under contract and conducting on-site investigations
Riverside	Head House 3	Replace 12 ton HVAC unit	\$50,000	\$250,000	In Progress	Planning is currently ongoing.

CAMPUS	FACILITY LOCATION	DEPARTMENT - PROJECT TITLE	STATE FUNDS	NON-STATE FUNDS	STATUS	NOTES
San Diego	Center for Neural Circuits and Behavior	Air Handler Renewal X 3	\$3,800,000	\$200,000	In Progress	Design completed, 20% of total project complete
San Francisco	Medical Science Building	Elevators 1-4: replace elevator controls, motor controls, door controls, dispatch system, replacement of elevator cars, hall elevator fixtures, governors, car sills, and related elevator machine infrastructure	\$3,500,000	\$1,837,573	In Progress	At 100% CDs for Elevator Related Upgrade portion of the work, pending Campus Fire Marshal review and stamp approval. OTIS is in procurement phase, scheduled to mobilize in late Jan-19 or early Feb-19. Completion of project is expected Apr-20
San Francisco	Koret Vision Research	Replace domestic hot water tank	\$200,000		In Progress	At 100% CDs and received approval from the Campus Fire Marshal, project is currently being bid. Completion of project is expected Apr-19.
San Francisco	Rock Hall	Fire Pump Automatic Transfer Switch (ATS) Replacement, replace obsolete equipment	\$100,000	\$150,000	In Progress	At 100% CDs and about to bid the work to an installing contractor. Once a successful contractor is in place, ATS will be ordered, which has a 16-week lead time. Completion of project is expected May-19
Santa Barbara	657 - Physical Sciences Building North	Boiler Flue Replacement			Complete	Completed with non-state funds. These State funds were applied to the Woodhouse Roof Replacement project.
Santa Barbara	557 - Chemistry	Replace Air Handler (AH) #6, Renew AH's 1-5, Chiller Renewal	\$618,750		In Progress	60% complete. Chiller renewal complete, AH-6 installed with controls work in process, getting quote to replace AH1-AH3, getting quote to renew AH4-AH5.
Santa Barbara	571 - Biological Science II	Cooling Tower Renewal, Mixing Box replacement, Seawater Chiller Replacement	\$325,000		In Progress	15% complete. Cooling tower renewal will be complete this winter. Mixing box replacement - getting quote. Seawater chiller replacement - working to increase the size of the heat exchanger.
Santa Barbara	657 - Physical Sciences Building North	Replace Air Handler #5	\$156,250		In Progress	5% complete. Scoping new air handler.
Santa Barbara	591 - Kerr Hall	Chiller Replacement	\$375,000		Complete	
Santa Barbara	555 - Marine Biotechnology	Boiler Replacement and Replacement of 5 Fan Coils	\$230,000		In Progress	20% complete. Boiler received, scheduling install, ordering new fan coils.
Santa Barbara	572 - Broida Hall	Renewal of Chillers 1 & 2, Cooling Tower Renewal	\$512,500		In Progress	80% complete. In phase three.

CAMPUS	FACILITY LOCATION	DEPARTMENT - PROJECT TITLE	STATE FUNDS	NON-STATE FUNDS	STATUS	NOTES
Santa Barbara	529 - Sewer Lift Station	Pump and Line - 10 Year Maintenance	\$134,000		In Progress	0% complete. Work scheduled for spring of 2019.
Santa Barbara	560 - Phelps Hall	Chiller Replacement	\$100,000		In Progress	20% complete. Chiller received, installation scheduled for spring of 2019.
Santa Barbara	235 - Life Science	Fire Damper Actuator Replacement	\$256,250		In Progress	5% complete. Notice to Proceed pending for contract to be executed in January 2019
Santa Barbara	568 - Student Affairs and Administrative Services Building	Fire Alarm Replacement	\$425,000		In Progress	5% complete. Apparent Lowest Responsible Bidder was issued
Santa Barbara	515 - Humanities and Social Science Building	Chiller Replacement	\$500,000		In Progress	10% complete. Planning phase complete. Installation planned for spring 2019
Santa Barbara	546 - Woodhouse	Replacement of 4 Package Units	\$61,000	\$39,000	On Hold	Scope was larger than originally estimated. Need to revise estimate and secure additional funds.
Santa Barbara	546 - Woodhouse	Roof Replacement	\$106,250	\$226,740	On Hold	Scope was larger than originally estimated. Need to revise estimate and secure additional funds.
Santa Cruz	Seymour Marine Discovery Center (7733)	Replacement of the Diesel Emergency Generator - The emergency generator engine is not reliable and the whole enclosure/system is failing due to corrosion from the sea air. Enclosure is severely rusted, diesel fuel tank is becoming compromised, radiator and cooling pump are in need of replacement.	\$1,250,000		In Progress	Design Development, 90%
Santa Cruz	Sinsheimer Labs (7744)	Replacement of failed roof - The roof has failed in numerous locations resulting in multiple leaks and causing damage to the building interior as well as affecting research and teaching.	\$1,000,000		In Progress	Construction, 90%
Santa Cruz	Cowell Admin Building (7130)	Replace failing Air Handler Unit (AHU) and Boiler - The air handling unit and boiler are failing and have exceeded useful life. This has an impact to indoor air quality.	\$600,000		In Progress	Substantial Completion
Santa Cruz	Rachael Carson College Academic Building (7766)	Replacement of failed roof - Composition shingles at end of service life, chronic multiple leaks.	\$365,000		Complete	

CAMPUS	FACILITY LOCATION	DEPARTMENT - PROJECT TITLE	STATE FUNDS	NON-STATE FUNDS	STATUS	NOTES
Santa Cruz	McLaughlin-Heller Intersection to Bridge Road	Road replacement from McLaughlin-Heller Intersection to Bridge - Roadway is deteriorated and failing. (This section of roadway is a main East/West artery that is surrounded by 100% state eligible buildings, there are no surrounding Auxiliary buildings)	\$585,000	\$185,000	In Progress	Design Contract Placed
		<b>Total</b>	<b>\$35,000,000</b>	<b>\$5,209,313</b>		