



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

December 31, 2021

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	7
Davis	Walker Hall Renewal and Seismic Corrections	PW	2,731	23
Los Angeles	CHS Seismic Correction and Fire Life Safety	C	48,349	31
Merced	Central Plant/Telecommunications Reliability Upgrade	PW	1,400	35
Merced	Classroom and Academic Office Building	C	45,144	36
San Francisco	Clinical Sciences Building Seismic Retrofit	W	2,800	51
Santa Barbara	Academic Support Facility	C	26,505	54
Santa Cruz	Coastal Biology Building	W	3,530	59

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	6
Berkeley	Tolman Hall Seismic Replacement (Berkeley Way West)	WC	75,000	13
Davis	Chemistry Seismic and Life Safety Corrections	PW	3,482	16
Davis	Walker Hall Renewal and Seismic Corrections	C	27,917	23
Irvine	Business Unit 2	E	1,094	25
Irvine	Primary Electrical Improvements Step 4	DC	19,462	28
Merced	Central Plant/Telecommunications Reliability Upgrade	C	15,183	35
San Diego	Campus Life Safety Improvements	WC	49,010	46
Santa Barbara	Infrastructure Renewal Phase 1	C	12,136	57
Santa Cruz	Coastal Biology Building	C	64,127	59
Santa Cruz	Life Safety Upgrades	PWC	10,201	62

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	6
Berkeley	Wheeler Hall – Capital Renewal	WC	19,400	14
Davis	Chemistry Seismic and Life Safety Corrections	C	31,076	16
Irvine	Fire and Life Safety Improvements Phase 1	DC	34,290	26
Los Angeles	CHS-SOM West Seismic Renovation	C	25,000	32
Merced	Classroom and Academic Office Building	E	4,805	36
Riverside	Batchelor Hall Building Systems Renewal	WC	17,777	39
Riverside	Environmental Health and Safety Expansion	E	369	40
Riverside	Pierce Hall Improvements	PWC	34,680	41
San Diego	Biological and Physical Sciences Building	C	55,800	45
San Francisco	Clinical Sciences Building Seismic Retrofit	C	21,735	51
Santa Cruz	Coastal Biology Building	E	2,000	59
Santa Cruz	Environmental Health and Safety Facility	PWC	19,437	60
Santa Cruz	Telecommunications Infrastructure Phase B	C	12,623	63

* 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	37

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

Campus	Project	Phase	2017-18 Request	Page No.
Berkeley	2223 Fulton Seismic Demolition	WC	3,050	8
Berkeley	Giannini Hall Seismic Safety Corrections	PW	3,250	9
Berkeley	Seismic Safety Studies - Evans Hall & Hearst Memorial Gym	P	1,700	12
Irvine	Interdisciplinary Sciences and Engineering Building	DC	50,000	27
Los Angeles	Franz Hall Tower Seismic Renovation	C	25,000	33
San Francisco	Health Sciences Instruction & Research Life Safety Improvements	D	3,000	52
Systemwide	2017-18 Systemwide State Deferred Maintenance Program		50,000	68

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	9
Davis	Teaching and Learning Complex	C	50,000	22
Riverside	Student Success Center	PWCE	50,000	44
San Diego	Ridge Walk Academic Complex	C	50,000	49
San Francisco	Health Sciences Instruction & Research Life Safety Improvements	C	10,000	52
San Francisco	Health Sciences Instruction & Research Buildings Seismic Improvements	C	37,000	53
Santa Cruz	Kresge College Academic	W	2,800	61
Systemwide	Northern Regional Library Facility Phase 4 Expansion	CE	30,000	65
Systemwide	2018-19 Systemwide State Deferred Maintenance Program		35,000	68

2019-20 Budget for State Capital Improvements (\$000s)

Campus	Project	Phase	2019-20 Request	Page No.
ANR*	Facilities Renewal and Improvements	PWC	19,237	5
Irvine	Student Wellness & Success Center	C	13,000	30
Riverside	Pierce Hall Interiors	CE	13,000	42
Riverside	School of Medicine Education Building II	SP	6,400	43
Santa Barbara	Classroom Building	C	79,787	56
Santa Cruz	Kresge College Academic	CE	47,200	61
Systemwide	2019-20 Systemwide State Deferred Maintenance Program		35,000	68

* Division of Agriculture and Natural Resources

2020-21 Budget for State Capital Improvements (\$000s)

Campus	Project	Phase	2020-21 Request	Page No.
Berkeley	Moffitt Library Seismic	PWCE	5,327	10
Berkeley	New Academic and Classroom Building (Evans Hall Seismic Replacement)	P	6,000	11
Berkeley & LBNL**	Centennial Bridge Improvement	C	15,181	15
Davis	Jungerman Hall Seismic Corrections	PWC	12,200	17
Davis	Mann Laboratory Seismic Corrections	PWC	5,670	18
Davis	Social Sciences and Humanities Building Seismic Corrections	PWC	33,400	19
Davis	Sprocket Building Seismic Corrections	PWC	12,000	20
Davis	Voohries Hall Seismic Corrections	PWC	24,200	21
Davis	Young Hall Seismic Corrections	PWC	23,800	24
Irvine	Social Sciences Lecture Hall Seismic Improvements	DC	2,261	29
Los Angeles	Public Affairs Seismic	C	25,000	34
Merced	UC Merced Medical Education Building	P	7,800	38
Riverside	School of Medicine Education Building II	WCE	93,600	43
San Diego	Mayer Hall Seismic Improvements – Preliminary Plans & Partial Working Drawings	WC	721	47
San Diego	Revelle College Seismic Corrections (Mayer Hall and York Hall)	WC	56,658	48
San Diego	York Hall Seismic Improvements	WC	34,037	50
Santa Barbara	Chemistry Building	P	4,000	55
Santa Barbara	Music Building Unit 1 Seismic Corrections	PWC	15,000	58
Santa Cruz	Thimann Laboratories Replacement Building	P	12,500	64
Systemwide	UC Sacramento Learning Complex	C	11,400	66
Systemwide	2020-21 Planning for Future State Capital Outlay		30,000	67
Systemwide	2020-21 Systemwide State Deferred Maintenance Program		35,000	68

** Lawrence Berkeley National Laboratory - Berkeley Lab

2021-22 Budget for State Capital Improvements (\$000s)

Campus	Project	Phase	2021-22 Request	Page No.
Berkeley	New Academic and Classroom Building (Evans Hall Seismic Replacement)	WC	116,723	11

Attachments

Attachment 1: 2017-18 Systemwide State Deferred Maintenance Program

Attachment 2: 2018-19 Systemwide State Deferred Maintenance Program

Attachment 3: 2019-20 Systemwide State Deferred Maintenance Program

Attachment 4: Project Planning Guide Amendment, Academic Seismic Replacement Building (Evans Hall Seismic Replacement Project, UC Berkeley, August 2021

Attachment 5: Project Planning Guide Amendment, Batchelor Hall Building Systems Renewal, UC Riverside, May 2021

Attachment 6: Project Planning Guide Amendment, York Hall Seismic Improvements, Mayer Hall Seismic Improvements – Preliminary Plans and Partial Working Drawings, UC San Diego, October 2021

Facilities Renewal and Improvements
 Division of Agriculture and Natural Resources

SCOPE

This project provides renewal and improvements at four sites. Three of the sites - South Coast, Kearney, and Desert- are Research and Extension Centers (RECs), and the fourth site is Elkus Ranch Environmental Education Center. The project addresses: accessibility, the removal and repurposing of unused pesticide washdown facilities, and additional life safety improvements. The project also constructs new active learning facilities for the South Coast and Desert RECs.

STATUS

The project is in preliminary plans. A Project Planning Guide Amendment was approved in September 2020, documenting the delay in the start of preliminary plans.

FUNDING

Funding for preliminary plans, working drawings, and construction was approved in 2019-20 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$4,714		\$4,714
Working Drawings	\$3,413		\$3,413
Construction	\$11,110		\$11,110
Totals	\$19,237		\$19,237

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

SCOPE

This project provides 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 support the agricultural community by providing the latest tools and techniques in weed, insect, disease control, water management, and plant nutrition.

STATUS

The project is complete.

FUNDING

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

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

REC Facilities Renewal and Improvements
Division of Agriculture and Natural Resources

SCOPE

This project renovates 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 California by providing research and education to those communities.

STATUS

The project is complete.

FUNDING

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

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$80,000		\$80,000
Working Drawings	\$80,000		\$80,000
Construction	\$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 demolishes 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 demolition is complete.

FUNDING

Funding for working drawings and construction 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$100,000	\$100,000
Working Drawings	\$60,000	\$60,000	\$120,000
Construction	\$2,990,000		\$2,990,000
Totals	\$3,050,000	\$160,000	\$3,210,000

Giannini Hall Seismic Safety Corrections
Berkeley

SCOPE

This project reinforces the structural components of historic Giannini Hall to a Seismic Performance Rating of IV or better.

STATUS

The project is complete.

FUNDING

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

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

Moffitt Library Seismic Safety Corrections Berkeley

SCOPE

Moffitt Library has a Seismic Performance Rating (SPR) of VI, and upon completion of work, the SPR of Moffitt Library will be upgraded to IV. Moffitt Library is a five-level, 149,923 gross-square-foot building serving as the undergraduate hub for connected teaching, learning, and discovery at UC Berkeley.

STATUS

Working drawings are complete and have been submitted to the Division of the State Architect. The project is expected to be complete in July 2022, reflecting a six-month delay from the last reporting.

FUNDING

Funding for preliminary plans, working drawings, construction, and equipment was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$73,000		\$73,000
Working Drawings	\$329,000		\$329,000
Construction	\$4,700,000		\$4,700,000
Equipment	\$225,000		\$225,000
Totals	\$5,327,000		\$5,327,000

New Academic and Classroom Building (Evans Hall Seismic Replacement Building) Berkeley

SCOPE

Evans Hall is an approximately 284,000 gsf structure of 10-stories with a Seismic Performance Rating of VI. As scoped initially, this project constructs a 124,000 gross square foot (gsf) academic/classroom building to house approximately 75% of the existing Evans Hall academic programs and replace Evans Hall classroom assignable square footage.

The preliminary planning phase of this project highlighted that the initially proposed scope is not feasible with the budget. The project scope has been updated to reduce the building size to 82,000 gsf, and the program has been revised to match the achievable space. The site has been updated to accommodate the building. The Project Planning Guide Amendment documenting these updates is attached to this report (refer to Attachment 4).

STATUS

In the preliminary plans phase. The project is expected to be complete in April 2026.

FUNDING

Funding for partial preliminary plans funding (\$1,100,000) was approved in 2017-18 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code (refer to “Seismic Safety Studies - Evans Hall & Hearst Memorial Gym” on page 12). Funding for the remainder of preliminary plans funding (\$6,000,000) was approved in 2020-21, and funding for working drawings and construction funding was approved in 2021-22 under the same mechanism.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$7,100,000		\$7,100,000
Working Drawings	\$5,918,000		\$5,918,000
Construction	\$110,805,000		\$110,805,000
Total	\$123,823,000		\$123,823,000

Seismic Safety Studies - Evans Hall & Hearst Memorial Gym
Berkeley

SCOPE

This project provides 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 developing scope, budget, and schedule.

STATUS

The studies are complete.

FUNDING

Funding for partial preliminary plans 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans			
Evans Hall ¹	\$1,100,000		\$1,100,000
Preliminary Plans Hearst			
Memorial Gymnasium	\$600,000		\$600,000
Totals	\$1,700,000		\$1,700,000

¹ Refer to “New Academic and Classroom Building (Evans Hall Seismic Replacement Building)” on page 11.
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Tolman Hall Seismic Replacement (Berkeley Way West)
Berkeley

SCOPE

This project constructs 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 Seismic Performance Rating of V. The new building provides 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 Regents approved a budget and scope increase 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 are unchanged.

STATUS

The project is complete.

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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$9,595,000	\$9,595,000
Working Drawings		\$8,410,000	\$8,410,000
Construction ²	\$75,000,000	\$71,065,000	\$146,065,000
Demolition ²		\$7,250,000	\$7,250,000
Equipment		\$13,680,000	\$13,680,000
Totals	\$75,000,000	\$110,000,000	\$185,000,000

² The demolition effort was separated from construction and is shown as a separate activity.
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Wheeler Hall — Capital Renewal
Berkeley

SCOPE

This project includes 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

The project is complete.

FUNDING

Funding for working drawings and 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$350,000	\$350,000
Working Drawings	\$350,000	\$750,000	\$1,100,000
Construction	\$19,050,000		\$19,050,000
Totals	\$19,400,000	\$1,100,000	\$20,500,000

Centennial Bridge Improvement Project
Berkeley and Lawrence Berkeley National Laboratory-Berkeley Lab

SCOPE

This project replaces a structurally deficient bridge on Regents-owned land, located on a critical transportation route connecting the UC Berkeley Campus Park to the Hill Campus. Centennial Drive is a publicly accessible roadway that serves as an emergency exit/egress route for UC Berkeley, Berkeley Lab, and the general public.

STATUS

The project is in the preliminary plans phase. The project is expected to be complete in May 2024, reflecting a five-month delay from the last reporting.

FUNDING

Funding for construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$800,000	\$800,000
Working Drawings		\$1,374,000	\$1,374,000
Construction	\$15,181,000	\$10,326,000	\$25,507,000
Totals	\$15,181,000	\$12,500,000	\$27,681,000

Chemistry Seismic and Life Safety Corrections

Davis

SCOPE

This project improves fire suppression and improves the Chemistry Building from a Seismic Performance Rating (SPR) of V-VI to a SPR of III and the Chemistry Annex Building from a SPR of VI to a SPR of III. 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 the fire suppression work will be accomplished as part of the non-State funded Chemistry Addition and 1st Floor Renovation project. The State-funded Chemistry Seismic and Life Safety project and the non-State funded Chemistry Addition project will bring the Chemistry Building and the Chemistry Annex to a Seismic Performance Rating of III and provide 100% fire suppression.

STATUS

The work in the Chemistry Building is complete.

The Chemistry Annex work is expected to be complete in June 2022.

FUNDING

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

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$1,915,000		1,915,000
Working Drawings	\$1,567,000		\$1,567,000
Construction	\$31,076,000	\$3,436,000	\$34,512,000
Totals	\$34,558,000	\$3,436,000	\$37,994,000

Jungerman Hall Seismic Corrections

Davis

SCOPE

This project includes seismic corrections to Jungerman Hall, a 32,700 gross-square-foot building with a Seismic Performance Rating (SPR) of VI. Upon completion of structural repairs, the SPR would be upgraded to IV. Mandatory code corrections triggered by the structural work would potentially include, but are not limited to, accessibility and egress upgrades and fire/life safety improvements.

STATUS

The project is in the preliminary plans phase. The project is expected to be complete in April 2025, reflecting a 16-month delay from the original schedule. This work is being coordinated with the work in Social Sciences and Humanities Building 2, Sprocket Building, Voohries Hall, and Young Hall. Determining the final seismic solutions and coordinating between multiple buildings is taking longer than the campus had planned. Still, it continues to show promise as the most efficient and economical way to deliver the work and attract the best-qualified professionals.

FUNDING

Funding for preliminary plans, working drawings, and construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$700,000		\$700,000
Working Drawings	\$1,000,000		\$1,000,000
Construction	\$10,500,000		\$10,500,000
Totals	\$12,200,000		\$12,200,000

Mann Laboratory Seismic Corrections

Davis

SCOPE

This project includes seismic corrections and high priority deferred maintenance to Mann Laboratory, a 17,182 gross-square-foot building with a Seismic Performance Rating (SPR) of VI. Upon completion of structural repairs, the SPR would be upgraded to IV. Mandatory code corrections triggered by the structural work would include disabled access upgrades and fire/life safety improvements.

STATUS

The project is in the preliminary plans phase. The project is expected to be complete in May 2023, reflecting a six-month delay from the original schedule.

FUNDING

Funding for preliminary plans, working drawings, and construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Study		\$130,000	\$130,000
Preliminary Plans	\$200,000		\$200,000
Working Drawings	\$470,000		\$470,000
Construction	\$5,000,000		\$5,000,000
Totals	\$5,670,000	\$130,000	\$5,800,000

Social Sciences and Humanities Building Seismic Corrections

Davis

SCOPE

This project includes seismic corrections and high priority deferred maintenance to Social Sciences and Humanities Building. The building is comprised of three separate structures with different Seismic Performance Ratings (SPR): Building 1 (SPR of V), Building 2 (SPR of VI), and Lecture Hall (SPR of III). The project addresses seismic deficiencies in Buildings I and 2. Upon completing the work, the SPR of Building 1 and Building 2 would be upgraded to IV. Mandatory code corrections triggered by the structural work would potentially include but are not limited to: accessibility and egress upgrades and fire life safety improvements.

STATUS

The project is in the preliminary plans phase. The project is expected to be complete in April 2025, reflecting a 14-month delay from the original schedule. This work is being coordinated with the work in Jungerman Hall, Sprocket Building, Voochries Hall, and Young Hall. Determining the final seismic solutions and coordinating between multiple buildings is taking longer than the campus had planned. Still, it continues to show promise as the most efficient and economical way to deliver the work and attract the best-qualified professionals.

FUNDING

Funding for preliminary plans, working drawings, and construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$1,800,000		\$1,800,000
Working Drawings	\$2,700,000		\$2,700,000
Construction	\$28,900,000		\$28,900,000
Totals	\$33,400,000		\$33,400,000

Sprocket Building Seismic Corrections

Davis

SCOPE

This project provides seismic corrections and high priority deferred maintenance to Sprocket Hall, a 20,000 gross-square-foot building that currently houses the College of Agricultural and Environmental Sciences and College of Letters and Sciences. Space types include research laboratories, and academic, administrative, and research offices. Sprocket Hall has a Seismic Performance Rating (SPR) of VI and would be upgraded to SPR of IV.

STATUS

The project is in the preliminary plans phase. The project is expected to be complete in April 2025, reflecting a 14-month delay from the original schedule. This work is being coordinated with the work in Jungerman Hall, Social Sciences and Humanities Building 2, Voohries Hall, and Young Hall. Determining the final seismic solutions and coordinating between multiple buildings is taking longer than the campus had planned. Still, it continues to show promise as the most efficient and economical way to deliver the work and attract the best-qualified professionals.

FUNDING

Funding for preliminary plans, working drawings, and construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$690,000		\$690,000
Working Drawings	\$990,000		\$990,000
Construction	\$10,320,000		\$10,320,000
Totals	\$12,000,000		\$12,000,000

Voorhies Hall Seismic Corrections

Davis

SCOPE

This project includes seismic corrections and high priority deferred maintenance to Voorhies Hall, a 55,279 gross-square-foot structure with a Seismic Performance Rating (SPR) of VI. Upon completion of the work, the SPR would be upgraded to IV. Mandatory code corrections triggered by the structural work would potentially include but are not limited to accessibility and egress upgrades and fire life safety improvements.

STATUS

The project is in the preliminary plans phase. The project is expected to be complete in April 2025, reflecting a 14-month delay from the original schedule. This work is being coordinated with the work in Jungerman Hall, Social Sciences and Humanities Building 2, Sprocket Building, and Young Hall. Determining the final seismic solutions and coordinating between multiple buildings is taking longer than the campus had planned. Still, it continues to show promise as the most efficient and economical way to deliver the work and attract the best-qualified professionals.

FUNDING

Funding for preliminary plans, working drawings, and construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$1,400,000		\$1,400,000
Working Drawings	\$2,000,000		\$2,000,000
Construction	\$20,800,000		\$20,800,000
Totals	\$24,200,000		\$24,200,000

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 2,000 instructional seats.

A Project Planning Guide (PPG) Amendment was approved in November 2018 to increase the Teaching and Learning Complex's budget, size, and scope from the original State approval. The increases included 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.

A second PPG Amendment was approved in April 2019 to procure the hot water supply and return pipes. The additional scope does not change the project's budget or schedule. The project is a design-build project and received a guaranteed maximum price for construction lower than anticipated, which has provided the opportunity to include the scope in the project.

STATUS

The project is in construction. The project is expected to be complete in March 2022.

FUNDING

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

Walker Hall Renewal and Seismic Corrections

Davis

SCOPE

This project 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 replaces all of the building mechanical systems and renews the original shell of the 85-year-old building. Since the original project approval, the project scope was amended to clarify the scope of work to reflect details in planning and changes to instructional pedagogy.

STATUS

The project is complete.

FUNDING

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

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

Young Hall Seismic Corrections

Davis

SCOPE

This project includes seismic corrections to Young Hall, a 93,000 gross-square-foot building with a Seismic Performance Rating (SPR) of VI. Upon completion of structural repairs, the SPR would be upgraded to IV. Mandatory code corrections triggered by the structural work would potentially include, but are not limited to, accessibility and egress upgrades and fire/life safety improvements.

STATUS

The project is in the preliminary plans phase. The project is expected to be complete in April 2025, reflecting a 14-month delay from the original schedule. This work is being coordinated with the work in Jungerman Hall, Social Sciences and Humanities Building 2, Sprocket Building, and Voohries Hall. Determining the final seismic solutions and coordinating between multiple buildings is taking longer than the campus had planned. Still, it continues to show promise as the most efficient and economical way to deliver the work and attract the best-qualified professionals.

FUNDING

Funding for preliminary plans, working drawings, and construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$1,400,000		\$1,400,000
Working Drawings	\$2,000,000		\$2,000,000
Construction	\$20,400,000		\$20,400,000
Totals	\$23,800,000		\$23,800,000

Business Unit 2 – Equipment

Irvine

SCOPE

This 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 project is complete.

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. Funding for equipment 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$1,116,000	\$1,116,000
Working Drawings		\$1,941,000	\$1,941,000
Construction		\$41,194,000	\$41,194,000
Equipment	\$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

This project addresses several urgent fire and life-safety issues in academic areas of the Irvine campus, including the following:

- installation of fire sprinkler systems throughout two laboratory buildings—Rowland Hall and Reines Hall—and in the breezeway of a third—Engineering Laboratory Facility;
- 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 the installation of a new fire suppression water line for the academic core of the campus in general.

The approved Project Planning Guide (PPG) included a 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.

STATUS

The project is complete and has savings. The campus is identifying uses for the savings consistent with the project’s goals.

FUNDING

Funding for design and 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Design	\$1,592,000		\$1,592,000
Construction	\$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 Interdisciplinary Science and Engineering Building is a 204,750 gross square foot (gsf) building that will provide instructional laboratories and support space, research and scholarly activity space, academic and administrative offices, and a shared auditorium and colloquium room for the Schools of Engineering, Physical Sciences, and Information & Computer Sciences.

In October 2021, the Office of the President approved an augmentation of \$2,480,000 funded with non-State funds to build out approximately 4,000 gsf of shell space in the 204,750 gsf building to accommodate the space needs of a new faculty member.

STATUS

The project is in construction. The project is expected to be complete in April 2022, reflecting a five-month delay due to supply chain issues.

FUNDING

Funding for design and construction 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Design	\$3,800,000	\$1,000,000	\$4,800,000
Construction	\$46,200,000	\$121,018,000	\$167,218,000
Equipment		\$4,153,000	\$4,153,000
Totals	\$50,000,000	\$126,171,000	\$176,171,000

Primary Electrical Improvements Step 4

Irvine

SCOPE

This project improves the safety, reliability, and efficiency of the campus's electrical distribution system to support increased demand for 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 is complete.

FUNDING

Funding for design and construction 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Design	\$916,000		\$916,000
Construction	\$18,546,000		\$18,546,000
Totals	\$19,462,000		\$19,462,000

Social Science Lecture Hall Seismic
Irvine

SCOPE

The project includes seismic corrections to Social Science Lecture Hall to address critical seismic needs for this 9,280 gross-square-foot building, classified as a Seismic Performance Rating (SPR) of VI. Following the retrofit, the building will meet a SPR of IV.

STATUS

The project is in design. The project is expected to be complete in fall 2022. This represents a 12-month delay from the original schedule, due to complications related to the COVID-19 pandemic, and the need to complete construction during the summer when the lecture hall can be taken out of service.

FUNDING

Funding for design and construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Design		\$67,000	\$67,000
Construction	\$2,261,000	\$1,249,000	\$3,510,000
Totals	\$2,261,000	\$1,316,000	\$3,577,000

Student Wellness Center Irvine

SCOPE

The Student Wellness Center project includes approximately 53,500 assignable square feet of office, conference, and program space. The project roughly doubles the amount of space available for five units and provides a centralized, consolidated hub for students seeking services. The five units include State-supportable units (Disability Services, Division of Teaching Excellence & Innovation) and non-State units (Wellness, Health & Counseling Services; Career Pathways; Veteran Services Center).

STATUS

The Detailed Project Program is completed. The campus is preparing budget and external financing approvals for the project.

FUNDING

Funding for construction was approved in 2019-20 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Design		\$2,300,000	\$916,000
Construction	\$13,000,000	\$52,306,000	65,306,000
Equipment		\$2,000,000	\$2,000,000
Totals	\$13,000,000	\$56,606,000	\$69,606,000

CHS Seismic Correction and Fire Life Safety
Los Angeles

SCOPE

The project seismically upgrades 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 installs 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.

The campus completed engineering studies that have allowed the courtyard structures to be seismically upgraded to Seismic Performance Rating of III 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 fire/life safety infrastructure upgrades 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 684,600 gsf will be improved from a Seismic Performance Rating (SPR) of V to a SPR of III.

STATUS

The project is complete.

FUNDING

Funding for construction was approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$1,706,000	\$1,706,000
Working Drawings		\$2,100,000	\$2,100,000
Construction	\$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 includes seismic upgrades to the School of Medicine (SOM) West building, a 144,732 gross-square-foot building with a Seismic Performance Rating (SPR) of VI. The project will also include mandatory code corrections triggered by the structural work such as accessibility, 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 interconnected fire/life safety systems. This addendum did not result in any changes to the budget and was provided previously.

STATUS

The project is complete.

FUNDING

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

Franz Hall Tower Seismic Renovation
Los Angeles

SCOPE

This project provides seismic corrections and program improvements to the 123,723 gross-square-foot Franz Hall Tower, bringing the building from a Seismic Performance Rating (SPR) of V to a SPR of III. Mandatory code corrections triggered by the structural work will include disabled access upgrades and fire/life safety improvements.

STATUS

The project is complete.

FUNDING

Funding for construction 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$3,755,000	\$3,755,000
Working Drawings		\$2,025,000	\$2,025,000
Construction	\$25,000,000	\$19,220,000	\$44,220,000
Totals	\$25,000,000	\$25,000,000	\$50,000,000

Public Affairs Building Seismic
Los Angeles

SCOPE

This project provides seismic corrections and program improvements to 200,000 gross square feet of academic classroom, office, and research space, bringing the building from a Seismic Performance Rating (SPR) of V to at least a SPR of IV. The scope will also include mandatory code corrections triggered by the structural work, such as disabled access upgrades.

STATUS

The project is in construction. The project is expected to complete in May 2023.

FUNDING

Funding for construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$1,300,000	\$1,300,000
Working Drawings		\$1,150,000	\$1,150,000
Construction	\$25,000,000	\$1,350,000	\$26,350,000
Totals	\$25,000,000	\$3,800,000	\$28,800,000

Central Plant/Telecommunications Reliability Upgrade
Merced

SCOPE

This project provides 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.

STATUS

The main part of the project is complete.

FUNDING

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

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$600,000		\$600,000
Working Drawings	\$800,000		\$800,000
Construction	\$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 to emphasize flexible use for evolving programs. The scope of work also includes associated infrastructure.

STATUS

The main part of the project is complete.

FUNDING

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

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$2,150,000		\$2,150,000
Working Drawings	\$2,600,000		\$2,600,000
Construction	\$45,144,000		\$45,144,000
Equipment	\$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

The main part of the project is complete.

FUNDING

Funding for preliminary plans, working drawings, construction, and equipment was 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 \$688,550,000 to \$763,640,000, and State sources increased from \$527,500,000 to \$653,900,000; the budget reallocations assigned State supportable space to the State project budget. The total project budget (\$1,338,480,000) did not change due to this update.

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

UC Merced Medical Education Building
(previously known as the Health & Behavioral Sciences-Medical Education Building)

SCOPE

This project designs and constructs a new 180,000 to 185,000 gross-square-foot medical education building to support the education and retention of healthcare professionals in the San Joaquin Valley. The building will house medical education, allied healthcare, and nursing instructional facilities. It will also house two of UC Merced’s largest and fastest-growing academic departments (Psychological Sciences and Public Health) and general assignment classrooms sufficient to support an increase in undergraduate student enrollment from 9,018 to 13,500 students.

STATUS

The project is in preliminary plans. The project is expected to be complete in mid-2025.

FUNDING

The Budget Act of 2019 included language that authorized the University of California to pursue a medical school project at the Merced campus using external financing supported by State General Funds as allowed under Section 92493 et seq. of the Education Code (Item No. 6440-001-0001 (1), Provision 10).

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$7,800,000	\$4,200,000	\$12,000,000

Batchelor Hall Building Systems Renewal Riverside

SCOPE

This project upgrades the core building systems of an approximately 56,100 assignable square-foot (approximately 110,100 gross-square-foot) academic building. This project upgrades or replaces heating, ventilation, air conditioning, electrical, building plumbing, and fire protection systems.

Batchelor Hall has two active major capital projects: (1) the State-supported Batchelor Hall Building Systems Renewal and (2) non-State funded Batchelor Hall Interiors. In December 2020, the Office of the President approved the consolidation of the non-State funded to the State-supported project. The non-state Batchelor Hall Interiors project program was reduced to provide funding support to the State Batchelor Hall Building Systems Renewal project.

Construction bids were received in March 2021. The base scope bid exceeded the approved budget. The budget was augmented to award the base scope and critical alternates. These alternates include installing fire sprinklers and associated infrastructure throughout the building as required by the California Building Code and California Fire Code. The Project Planning Guide Amendment documenting these updates is attached to this report (refer to Attachment 5).

STATUS

The project is in construction. The project is expected to be complete in June 2024.

FUNDING

Preliminary plans were funded in 2007 with General Obligation Bonds. Funding for working drawings and 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Study		\$250,000	\$250,000
Preliminary Plans	\$306,000	\$926,000	\$1,232,000
Working Drawings	\$1,333,000	\$613,000	\$1,946,000
Construction	\$16,444,000	\$13,818,000	\$30,262,000
Totals	\$18,083,000	\$15,607,000	\$33,690,000

Environmental Health and Safety Expansion

Riverside

SCOPE

This project equips 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 is complete.

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

Pierce Hall Improvements Riverside

SCOPE

The project renovates an academic building of approximately 66,800 assignable-square-foot (approximately 114,300 gross square feet). The renovations include renewing utility and building systems that have reached and/or surpassed their expected life expectancy, addressing code deficiencies (e.g. fire, life safety, disabled access), and improving systems that 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 a 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 creates a new 15-25 station general assignment seminar room. No additional State funds were associated with change.

STATUS

The project is complete.

FUNDING

Funding for preliminary plans, working drawings, and 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$1,387,000		\$1,387,000
Working Drawings	\$2,428,000		\$2,428,000
Construction	\$30,865,000	\$3,882,000	\$34,787,000
Totals	\$34,680,000	\$3,882,000	\$38,602,000

Pierce Hall Interiors
Riverside

SCOPE

The Pierce Hall Interiors project renovates approximately 10,620 to 18,635 assignable square feet to support past and future enrollment growth. The project renovates space to create contemporary class laboratories to accommodate the growing number of laboratory science courses.

STATUS

The project is complete in July 2021.

FUNDING

Funding for construction was approved in 2019-20 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Study		\$235,000	\$235,000
Preliminary Plans		\$1,320,000	\$1,320,000
Working Drawings		\$1,250,000	\$1,250,000
Construction	\$13,000,000	\$7,370,000	\$20,370,000
Equipment		\$250,000	\$250,000
Totals	\$13,000,000	\$10,425,000	\$23,425,000

School of Medicine Education Building II
Riverside

SCOPE

This project includes a new facility to provide approximately 90,000 gross square feet (57,199 assignable square feet (asf)) that will directly support the academic and programmatic mission of the UCR School of Medicine by providing space for existing needs, as well as allowing for future expansion of the class size from 80 to 125 students per class. The program includes space for: instruction and instructional support (29,053 asf), student support/study facilities (12,209 asf), and academic office and support (15,937 asf).

STATUS

The project is in construction and is expected to be complete in July 2023.

FUNDING

The Budget Act of 2019 included language that authorized the University of California to pursue a medical school project at the Riverside campus using external financing supported by State General Funds as allowed under Section 92493 et seq. of the Education Code (Item No. 6440-001-0001 (1), Provision 9).

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$6,400,000		\$6,400,000
Working Drawings	\$10,000,000		\$10,000,000
Construction	\$80,100,000		\$80,100,000
Equipment	\$3,500,000		\$3,500,000
Totals	\$100,000,000		\$100,000,000

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 student organizations, informal study and lounge areas, and support spaces.

A November 2018 Project Planning Guide Amendment adjusted the scope to remove the co-located student advising offices after determining that the 3,000 asf available for that use was not sufficient to operate the advising program effectively. 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 project is complete.

FUNDING

Funding for preliminary plans, working drawings, construction, and equipment 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Study	\$0	\$630,000	\$630,000
Preliminary Plans	\$757,000	\$2,220,000	\$2,977,000
Working Drawings	\$574,000	\$866,000	\$1,440,000
Construction	\$45,669,000	\$6,234,000	\$51,903,000
Equipment	\$3,000,000	\$480,000	\$3,480,000
Totals	\$50,000,000	\$10,430,000	\$60,430,000

Biological and Physical Sciences Building
San Diego

SCOPE

This project constructs 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 provides modern instruction and research facilities for the Division of Biological Sciences and the Chemistry/Biochemistry Department programs.

STATUS

The project is complete.

FUNDING

Funding for construction was 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$4,500,000	\$4,500,000
Working Drawings		\$5,650,000	\$5,650,000
Construction	\$55,800,000	\$44,950,000	\$100,750,000
Equipment		\$4,600,000	\$4,600,000
Totals	\$55,800,000	\$59,700,000	\$115,500,000

Campus Life Safety Improvements San Diego

SCOPE

This project addresses fire and life safety improvements, address critical primary and emergency power requirements, and achieve health and safety code compliance for stormwater management systems. This three-component project includes eighteen elements, including three electrical projects, five stormwater 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 improve: 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

The stormwater management and fire and life safety components are complete.

The critical electrical component is in construction and is expected to be complete in May 2022.

FUNDING

Funding for working drawings and construction was 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$2,045,000	\$2,045,000
Working Drawings	\$2,550,000		\$2,550,000
Construction	\$46,460,000		\$46,460,000
Totals	\$49,010,000	\$2,045,000	\$51,055,000

**Mayer Hall Seismic Improvements – Preliminary Plans and Partial Working Drawings
(formerly part of Revelle College Seismic Corrections (Mayer Hall and York Hall))**
San Diego

SCOPE

Mayer Hall is a five-story structure, primarily made up of research and teaching laboratories for the Department of Physics, and has a Seismic Performance Rating (SPR) of VI. The preliminary planning phase of this project highlighted that Mayer Hall requires extensive work not possible in an occupied building, and a five-year lead time is needed to move the researchers. The Mayer Hall seismic improvement scope is limited to the preliminary plans and partial working drawings work already done to date.

STATUS

The project has been suspended. The design phase is anticipated to restart after completing a phased relocation of Physics research faculty over the next few years. The campus is currently working to identify suitable research swing space for the faculty. The Project Planning Guide Amendment documenting these updates is attached to this report (refer to Attachment 6).

FUNDING

Funding for working drawings was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code as part of the Revelle College Seismic Corrections (Mayer Hall and York Hall) (refer to page 48).

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$1,125,000	\$1,125,000
Partial Working Drawings	\$721,000		\$721,000
Totals	\$721,000	\$1,125,000	\$1,846,000

Revelle College Seismic Corrections (Mayer Hall and York Hall) San Diego

SCOPE

Mayer Hall is a five-story structure, primarily made up of research and teaching laboratories for the Department of Physics, and has a Seismic Performance Rating (SPR) of VI. York Hall houses primarily instructional laboratory space, general assignment classrooms, and lecture halls for the Division of Biological Sciences and Department of Chemistry and Biochemistry. York Hall is comprised of four connected structures in the shape of the letter 'E' (the west wing has a SPR of VI, and the north, south, and middle wings are SPR of V). The project includes seismic corrections to Mayer and York Halls, and both would be upgraded to SPR of IV. As funds are available, high-priority deferred maintenance would be addressed.

STATUS

The preliminary planning phase of this project highlighted that Mayer Hall requires extensive work not possible in an occupied building, and a five-year lead time is needed to move the researchers. The project is being split into:

- York Hall Seismic Improvements supported by \$34,037,000 of State resources (refer to page 52), and
- Mayer Hall Seismic Improvements – Preliminary Plans and Partial Working Drawings supported by \$721,000 of State resources (refer to page 48).

The Project Planning Guide Amendment documenting these updates is attached to this report (refer to Attachment 6).

With those two projects, there is a remaining \$21,900,000 of State resources from the original \$56,658,000 allocation. The University has submitted to the State a proposed 2022-23 Central Utility Plant and Mandell Weiss Theatre and Shop Seismic Improvements project to be funded with the balance.

FUNDING

Funding for working drawings and construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$2,250,000	\$2,250,000
Working Drawings	\$4,500,000		\$4,500,000
Construction	\$52,158,000		\$52,158,000
Totals	\$56,658,000	\$2,250,000	\$58,908,000

Ridge Walk Academic Complex
San Diego

SCOPE

As originally approved, the design-build project includes approximately 128,000 assignable square feet (asf), including space for departments and programs within the Division of Social Sciences and the Division of Arts and Humanities and General Assignment classrooms and support space. This project adds approximately 175 classroom seats as well as academic office, department instructional/seminar space, and scholarly activity/collaborative space. Since the original approval, the project's total square footage has increased by 3,000 asf, for a total of 131,000 asf, primarily to add space to active learning rooms.

STATUS

The project is complete.

FUNDING

Funding 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$4,000,000	\$4,000,000
Working Drawings		\$8,000,000	\$8,000,000
Construction	\$50,000,000	\$45,407,000	\$95,407,000
Equipment		\$10,731,000	\$10,731,000
Totals	\$50,000,000	\$68,138,000	\$118,138,000

York Hall Seismic Improvements
(formerly part of Revelle College Seismic Corrections (Mayer Hall and York Hall))
San Diego

SCOPE

York Hall houses primarily instructional laboratory space, general assignment classrooms, and lecture halls for the Division of Biological Sciences and Department of Chemistry and Biochemistry. York Hall is comprised of four connected structures in the shape of the letter 'E' (the west wing has a Seismic Performance Rating (SPR) of VI, and the north, south, and middle wings are SPR of V). York Halls will be upgraded to SPR of IV. As funds are available, high-priority deferred maintenance will be addressed.

STATUS

The project was originally a part of the Revelle College Seismic Improvements Corrections (Mayer Hall and York Hall) project. York Hall is in construction and is expected to be complete in March 2023. The Project Planning Guide Amendment documenting the update is attached to this report (refer to Attachment 6).

FUNDING

Funding for working drawings and construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code as part of the Revelle College Seismic Corrections (Mayer Hall and York Hall) (refer to page 48).

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$2,250,000	\$2,250,000
Working Drawings	\$4,500,000		\$4,500,000
Construction	\$52,158,000		\$52,158,000
Totals	\$56,658,000	\$2,250,000	\$58,908,000

Clinical Sciences Building Seismic Retrofit
San Francisco

SCOPE

This project improves the 84,000 assignable square feet (109,126 gross square feet) Clinical Sciences Building from a Seismic Performance Rating (SPR) of VI to a SPR IV or better. The project's scope includes modernization of the building's infrastructure to meet current code requirements and tenant improvements to provide critically needed faculty office and instructional space directly adjacent to UCSF Medical Center hospitals and clinics.

A Project Planning Guide 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 is complete.

FUNDING

Funding for working drawings was approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. Funding for construction was approved in 2015-16 using the same funding mechanism.

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

Health Sciences Instruction & Research Life Safety Improvements
San Francisco

SCOPE

This project improves life-safety egress with selective and strategic renovations on multiple levels in the Health Sciences East and Health Sciences West towers, including installing sprinklers in currently non-sprinklered areas. The towers house a combined total of approximately 300,000 assignable square feet.

STATUS

The design is complete. The project is expected to be complete in September 2024, reflecting a 16-month delay from the last reporting. The approach to design was changed from a design-build approach to a design-bid-build, which added eight months to the design phase. In addition, the bid and award phase has been increased from two months to eight months to allow sufficient time for: advertising, pre-bid conference, multiple job walks, Requests for Information response and any necessary addendums, review of bids, protest period, bid certification, budget reconciliation and preparation of bid award package, review and approval to award, and onboarding of subs, UC Insurance Program sign up, and finalization of logistics and work plan. Design review and the construction period have each been increased by a month.

FUNDING

Funding for design was approved in 2017-18 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. Funding for construction was approved in 2018-19 using the same funding mechanism.

As studies were completed and through the initial design, design and construction work became better defined. It was concluded that design could be accomplished at a lower budget than originally assumed. At the same time, revised estimates of the cost to implement the work and continued uncertainty in the construction market indicate the need to redirect these project resources to the construction phase budget. A portion of the budget originally allocated to the design phase (\$409,000) was reallocated for use during the construction phase. The reallocation of funds to the construction phase does not affect the total project budget or the amount funded by State funds.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Design	\$2,591,000		\$2,591,000
Construction	\$10,409,000		\$10,409,000
Totals	\$13,000,000		\$13,000,000

Health Sciences Instruction & Research Buildings Seismic Improvements San Francisco

SCOPE

This project includes the seismic retrofit of the utilities and building systems to reduce laboratory downtime, preserve valuable research, and improve functionality following an earthquake. The improvements will upgrade Health Sciences East and Health Sciences West towers to a Seismic Performance Rating of III.

STATUS

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

The design is complete. The project is expected to be complete in September 2024, reflecting a 16-month delay from the last reporting. The approach to design was changed from a design-build approach to a design-bid-build, which added eight months to the design phase. In addition, the bid and award phase has been increased from two months to eight months to allow sufficient time for: advertising, pre-bid conference, multiple job walks, Requests for Information response and any necessary addendums, review of bids, protest period, bid certification, budget reconciliation and preparation of bid award package, review and approval to award, and onboarding of subs, UC Insurance Program sign up, and finalization of logistics and work plan. Design review and the construction period have each been increased by a month.

FUNDING

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

As studies were completed and through the initial design, design and construction work became better defined. It was concluded that preliminary plans and working drawings could be accomplished at a lower budget than originally assumed. At the same time, revised estimates of the cost to implement the work and continued uncertainty in the construction market indicate the need to redirect these project resources to the construction phase budget. A portion of the budget originally allocated to preliminary plans (\$1,450,000) and working drawings (\$905,000) was reallocated for use during the construction phase (\$2,355,000). The reallocation of the non-State funds to the construction phase does not affect the total project budget or the amount funded by State funds.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$4,050,000	\$4,050,000
Working Drawings		\$4,027,000	\$4,027,000
Construction	\$37,000,000	\$2,355,000	\$37,000,000
Totals	\$37,000,000	\$10,432,000	\$47,432,000

Academic Support Facility
Santa Barbara

SCOPE

This project addresses the 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 provides 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; however, this component was removed from the project when the donor withdrew.

STATUS

The project is complete.

FUNDING

Funding for construction was approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

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

Chemistry Building

Santa Barbara

SCOPE

This project provides seismic improvements to the Chemistry Building, a five-story, reinforced concrete structure measuring 60,498 assignable square feet and 103,749 gross square feet. The project will also address the Americans with Disabilities Act accessibility requirements, mandatory fire/life safety upgrades, the abatement of hazardous materials, and critical deferred maintenance items.

STATUS

The project is in preliminary plans.

FUNDING

Funding for preliminary plans was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$4,000,000		\$4,000,000

Classroom Building Santa Barbara

SCOPE

This project constructs approximately 51,000 assignable square feet to provide lecture halls, flexible classrooms, and active learning classrooms that support contemporary teaching pedagogies. The building provides approximately 2,000 general assignment classroom seats and classroom support facilities.

STATUS

The project is in construction and is expected to be complete in December 2022.

FUNDING

Funding for construction was approved in 2019-20 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$2,100,000	\$2,100,000
Working Drawings		\$2,300,000	\$2,300,000
Construction	\$79,787,000	\$9,646,000	\$89,443,000
Equipment		\$3,300,000	\$3,300,000
Totals	\$79,787,000	\$17,346,000	\$97,133,000

Infrastructure Renewal Phase 1 Santa Barbara

SCOPE

Part of a multi-phased infrastructure upgrade program, this project upgrades the Santa Barbara campus utility infrastructure to address the most severe deficiencies constraining campus operations. 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

The project is complete.

FUNDING

Funding for preliminary plans and working drawings was appropriated with General Obligation Bonds in 2006 and 2007, respectively. Funding for construction 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$489,000	\$251,000	\$740,000
Working Drawings	\$252,000	\$530,000	\$782,000
Construction	\$12,136,000	\$5,169,000	\$17,305,000
Totals	\$12,877,000	\$5,950,000	\$18,827,000

Music Building Unit 1
Santa Barbara

SCOPE

This project includes seismic corrections of the 37,644 gross-square-foot Unit I of the Music Building. The structure has a Seismic Performance Rating (SPR) of VI and will be improved to meet a SPR of IV. The project also includes abating hazardous materials, addressing upgrades required to comply with fire life safety codes and accessibility, and deferred maintenance focused on electrical systems, elevator, and mechanical system repairs.

STATUS

In preliminary plans and is expected to be complete in March 2023.

FUNDING

Funding for preliminary plans, working drawings, and construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

As initially budgeted, the funding allocated for preliminary plans was too low for a seismic project of this size. A portion of the budget originally allocated to the working drawings (\$63,000) and construction (\$290,000) was reallocated during the preliminary plans phase. The reallocation of funds to the preliminary plans phase does not affect the total project budget or the amount funded by state funds. The Santa Barbara campus is committed to delivering a safe and code-compliant project, and campus resources would fund any cost increase over the \$15 million budget.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$353,000		\$353,000
Working Drawings	\$1,012,000		\$1,012,000
Construction	\$13,428,000		\$13,428,000
Totals	\$15,000,000		\$15,000,000

Coastal Biology Building

Santa Cruz

SCOPE

This project provides 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 also provides the necessary site infrastructure to operate the facility. An Amendment to the Project Planning Guide increased equipment funding utilizing State General Funds was approved by the State in 2015-16.

STATUS

The project is complete.

FUNDING

Funding for working drawings was approved in 2013-14 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. Funding for construction was approved in 2014-15, and equipment was approved in 2015-16 using the same funding mechanism.

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

Environmental Health and Safety Facility

Santa Cruz

SCOPE

The project constructs 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 is 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.

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.

STATUS

The project is substantially complete.

FUNDING

Funding for preliminary plans, working drawings, and 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$1,201,000		\$1,201,000
Working Drawings	\$849,000		\$849,000
Construction	\$17,387,000		\$17,387,000
Totals	\$19,437,000		\$19,437,000

Kresge College Academic
Santa Cruz

SCOPE

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

STATUS

The project is in construction and is expected to be complete in December 2022, reflecting a 16-month delay from the last reporting. The start of construction was delayed due to the longer than anticipated impacts from COVID-19, additional time to coordinate documents related to the release of early bid packages, the bid approval process, and unforeseen complexity in added infrastructure and site work.

FUNDING

Funding 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 and equipment was approved in 2019-20 using the same funding mechanism.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$3,000,000	\$3,000,000
Working Drawings	\$2,800,000		\$2,800,000
Construction	\$46,000,000	\$7,850,000	\$53,850,000
Equipment	\$1,200,000		\$1,200,000
Totals	\$50,000,000	\$10,850,000	\$60,850,000

Life Safety Upgrades Santa Cruz

SCOPE

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

STATUS

The project is complete.

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.

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

Telecommunications Infrastructure Phase B
Santa Cruz

SCOPE

This project provides upgrades to the existing voice and data infrastructure on the Santa Cruz campus by providing reliable converged services – voice, video, and data – over a single cable plant to increase internet speeds and Wi-Fi availability for instruction and research.

STATUS

The project is complete.

FUNDING

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

Thimann Laboratories Replacement Building Santa Cruz

SCOPE

This project includes seismic corrections to Thimann Laboratory, an 87,500 gross-square-foot building with a Seismic Performance Rating (SPR) of VI. Upon completion of structural repairs, the SPR would be upgraded to IV. Mandatory code corrections triggered by the structural work would potentially include, but are not limited to, accessibility and egress upgrades and fire/life safety improvements.

STATUS

The campus is developing a Detailed Project Program and feasibility study.

FUNDING

Funding for preliminary plans was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$12,500,000		\$12,500,000

Northern Regional Library Facility Phase 4 Expansion
Systemwide

SCOPE

This 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. The project scope includes the 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 is complete.

FUNDING

Funding for construction and equipment 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>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$600,000	\$600,000
Working Drawings		\$1,900,000	\$1,900,000
Construction	\$29,400,000		\$29,400,000
Equipment	\$600,000		\$600,000
Totals	\$30,000,000	\$2,500,000	\$32,500,000

UC Sacramento Learning Complex
Systemwide

SCOPE

This project includes renovations to an existing facility to provide approximately 24,000 to 26,000 gross square feet of classroom and support space. The improvements will allow the UC Center Sacramento program to increase enrollment by approximately one-third.

STATUS

The project is in the preliminary plans phase and is expected to complete in March 2023.

FUNDING

Funding for construction was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans		\$700,000	\$700,000
Working Drawings		\$750,000	\$750,000
Construction	\$11,400,000	\$4,800,000	\$16,200,000
Equipment		\$750,000	\$750,000
Totals	\$11,400,000	\$7,000,000	\$18,400,000

2020-21 Planning for Future State Capital Outlay Systemwide

SCOPE

The program provides funding for partial or full preliminary plans for seismic projects in State-eligible buildings. A building could receive this funding if its first level seismic evaluation resulted in a Seismic Performance Rating of V or VI. Further analysis is required before determining the next steps.

STATUS

Following State approval, the Office of the President approved the budget and external financing for this program.

FUNDING

Funding for preliminary plans was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code.

<i>Phase</i>	<i>State Funds</i>	<i>Non-State Funds</i>	<i>Totals</i>
Preliminary Plans	\$30,000,000		\$30,000,000

2017-18 Systemwide State Deferred Maintenance Program

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.

STATUS

Facility condition assessments are complete with project savings. The project savings will be used for additional detailed assessments of State-eligible space.

The Department of Finance approved the list of projects. See Attachment 1 for additional information.

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

STATUS

The Department of Finance approved the list of projects. See Attachment 2 for additional information.

FUNDING

Funding of \$35,000,000 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.

2019-20 Systemwide State Deferred Maintenance Program Systemwide

STATUS

The Department of Finance approved the list of projects. See Attachment 3 for additional information.

FUNDING

Funding of \$35,000,000 for the 2019-20 program was approved in 2019-20 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. All funding is for deferred maintenance work.

2020-21 Systemwide State Deferred Maintenance Program Systemwide

STATUS

The proposed project list was submitted to the Department of Finance in December 2021.

FUNDING

Funding of \$35,000,000 for the 2020-21 program was approved in 2020-21 under the funding mechanism authorized in accordance with Sections 92493 et seq. of the Education Code. All funding is for deferred maintenance work.

2017-18 Systemwide State Deferred Maintenance Program

Campus	Facility	Project Name	Amount	Status
Berkeley	Anna Head Bldgs: B, C, D	Bldg Envelope: Replace roofs, a portion of sheathing, re-route of fire sprinklers, and window restoration, CAAN 1064 B,C,D	48,000	Canceled
Berkeley	Stephens Hall Envelope Restoration	Envelope Restoration: address compromised building envelope system through roof repair, window refurbishment, and remedy water intrusion at building exterior	3,752,000	In Process
Davis	Briggs Hall	Replace 4 Hydraulic Elevators	1,000,000	In Process
Davis	Pritchard Vet Med Teaching Hospital	Replace 3 Hydraulic Elevators	750,000	In Process
Davis	Voorhies Hall	Replace 1 Hydraulic Elevator	250,000	Complete
Davis	Young Hall	Replace 2 Hydraulic Elevators	500,000	In Process
Davis	Bainer Hall	Replace 2 Hydraulic Elevators	500,000	Complete
Davis	Everson Hall	Replace 1 Hydraulic Elevator	250,000	Not Started
Davis	Chemistry Annex	Replace 2 Traction Elevators	500,000	In Process
Davis	Kemper Hall	Replace 2 Hydraulic Elevators	50,000	Complete
Irvine	Reines Hall	Replace coils in air handlers	1,500,000	Complete
Irvine	Medical Sciences A-D	Mechanical equipment replacement	1,750,000	Complete
Irvine	Beckman Laser Institute	Replace air handling units	550,000	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	Complete
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	In Process
Los Angeles	West Medical Chiller Plant	Replace 400-Ton York Chiller	729,000	In Process
Riverside	Skye Hall (formerly, 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)	2,550,000	In Process
San Diego	Center for Neural Circuits and Behavior	Air Handler Renewal X 3	1,650,000	Complete
San Diego	Sverdrup Hall	HVAC Repairs	1,230,000	In Process
San Diego	Pacific Hall	Vivarium AHU Replacement	920,000	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	In Process
San Francisco	Koret Vision Research	Replace the domestic hot water tank	200,000	Complete
San Francisco	Rock Hall	Fire Pump Automatic Transfer Switch (ATS) Replacement, replace obsolete equipment	100,000	Complete
Santa Barbara	Physical Sciences Building North	Boiler Flue Replacement		Cancelled
Santa Barbara	Chemistry	Replace Air Handler (AH) #6, Renew AH's 1-5, Chiller Renewal	618,750	Complete
Santa Barbara	Biological Science II	Cooling Tower Renewal, Mixing Box replacement, Seawater Chiller Replacement	325,000	Complete

Campus	Facility	Project Name	Amount	Status
Santa Barbara	Physical Sciences Building North	Replace Air Handler #5	156,250	In Process
Santa Barbara	Kerr Hall	Chiller Replacement	375,000	Complete
Santa Barbara	Marine Biotechnology	Boiler Replacement and Replacement of 5 Fan Coils	230,000	Complete
Santa Barbara	Broida Hall	Renewal of Chillers 1 & 2, Cooling Tower Renewal	512,500	Complete
Santa Barbara	Sewer Lift Station	Pump and Line - 10 Year Maintenance	134,000	Complete
Santa Barbara	Phelps Hall	Chiller Replacement	100,000	Complete
Santa Barbara	Life Science	Fire Damper Actuator Replacement	256,250	Complete
Santa Barbara	Student Affairs and Administrative Services Building	Fire Alarm Replacement	425,000	Complete
Santa Barbara	Humanities and Social Science Building	Chiller Replacement	500,000	Complete
Santa Barbara	Woodhouse	Replacement of 4 Package Units	61,000	Complete
Santa Barbara	Woodhouse	Roof Replacement	106,250	Complete
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. The enclosure is severely rusted, the diesel fuel tank is becoming compromised, and the radiator and cooling pump need replacement.	1,250,000	In Process
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	Complete
Santa Cruz	Cowell Admin Building (7130) (aka Cowell College Academic and Administrative)	Replace failing Air Handler Unit 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	Complete
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
Santa Cruz	Bio-Med to ISB Road	Road replacement from Bio-Med to ISB - 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)	310,000	In Process
Santa Cruz	Merrill Academic Building (7189) (aka Merill College Academic and Administrative)	Replacement of failed roof - Roof is at the end of its service life, there are multiple leaks.	275,000	Complete
ANR	Desert REC	Replace HVAC, lighting, and interior finishes that have exceeded useful life	220,000	In Process
ANR	Intermountain REC	Asphalt Replacement- replace the existing asphalt and re-compaction of existing sub base within the most heavily used areas of the Center.	90,000	Complete
ANR	Lindcove REC	Asphalt Restoration- repair major ruts and potholes in two areas of the Center.	200,000	In Process
ANR	South Coast REC	Restroom Renovation- Replace partitions, fixtures and finishes that have exceeded useful life. Will require some reconfiguration for ADA compliance.	225,000	Complete
ANR	Desert REC	Two research field units use conventional manual irrigation system and will be updated to an automated pressure system suitable for drip and sprinkler irrigation research.	65,000	In Process

Campus	Facility	Project Name	Amount	Status
Systemwide	Various	Facility Condition Assessments	15,000,000	Complete

2018-19 Systemwide State Deferred Maintenance Program

Campus	Facility	Project Name	Amount	Status <small>Error! Bookmark not defined.</small>
Berkeley	South Hall	Envelope Repairs - façade and roof	2,500,000	Complete
Berkeley	Wurster Hall	Elevator Replacement	2,800,000	Complete
Berkeley	Wurster Hall	Critical electrical distribution repair	300,000	In Process
Berkeley	Centennial Drive	Centennial Bridge Repair	1,190,000	In Process
Davis	California National Primate Center	Central plant repairs	6,280,000	In Process
Irvine	Nat Sci 1 & 2 and Hewitt Hall.	Replace cooling room compressors and heat exchangers and controllers.	1,700,000	In Process
Irvine	Krieger Hall	Replacement of approximately 25% of exterior deck of 5th floor to stop water intrusion and leaks caused by waterproofing system failure.	960,000	In Process
Los Angeles	- Boelter Hall - Medicine - Semel Institute - Melnitz - Brain Research Institute	Replace eight Air Handler Units (Boelter; Medicine-3; Semel Institute; Melnitz-2; Brain Research Institute)	3,210,000	In Process
Los Angeles	- Brain Mapping Institute - Molecular Sciences - Capital Programs - Engineering IV - Powell Library - Factor - Macgowan Hall	Fire alarm replacements and system upgrades at seven locations (Brain Mapping Institute; Molecular Sciences; Capital Programs; Engineering IV; Powell Library; Factor; Macgowan Hall)	2,375,000	In Process
Los Angeles	Fowler Museum	Fowler Museum Automatic Transfer Switch	135,000	Complete
Los Angeles	Physics & Astronomy	Replace 140 Honeywell smoke fire dampers and actuators	420,000	Complete
Los Angeles	Fowler Museum	Replace humidity system	600,000	In Process
Merced	Central Plant	Cooling tower fill and motor bearing replacement	209,000	Complete
Merced	- Castle 1200 - Castle 1201	Emergency lighting and fuel tank replacement	110,000	Complete
Merced	Science and Engineering 1	Replace emergency lighting inverter	31,000	In Process
Riverside	Electrical 12 kilovolt substation (west campus)	Rehabilitation and renewal of 12 kilovolt substation	1,860,000	In Process
San Diego	Stein Clinical Research Building	Cooling Tower Replacement w/Fire Retardant Beams	170,000	Complete
San Diego	McGill Hall	Renew building exterior to repair spalling concrete	800,000	Complete
San Diego	Hubbs Hall	Renew building exterior to repair spalling concrete	550,000	In Process
San Diego	Hubbs Hall	Repair exterior stairs, cracks, spalling	1,000,000	In Process
San Diego	Geisel Library	Emergency Generator Renewal	360,000	In Process
San Diego	Social Sciences Research Building	Fuel Storage (relocate underground to above ground)	220,000	In Process
San Diego	Hubbs Hall	Roof Renewal, including leveling and repair of storm water roof drains.	540,000	In Process
San Diego	Isaacs Hall	Renew all exterior handrails and fascia (N&E side remain)	240,000	Complete
San Francisco	Kalmanovitz Library	Repair Roof	780,000	In Process
San Francisco	Parnassus Services Building	Repair Elevators 3 and 5 and provide connection to emergency power	1,000,000	In Process
Santa Barbara	Marine Biotechnology Lab	Fan Coil Replacement	580,000	Complete

Campus	Facility	Project Name	Amount	Status <small>Error! Bookmark not defined.</small>
Santa Barbara	Harold Frank Hall	Replace Air Handlers 1 & 2	1,500,000	In Process
Santa Cruz	- Jack Baskin Engineering - Engineering 2	Fire Alarm Replacement from MXL System to XLS System (in Jack Baskin Engineering and Engineering 2 buildings)	1,220,000	In Process
Santa Cruz	Stairs by Flag Pole	Replace the failed wooden stairs by the UCSC flag pole	130,000	Complete
Santa Cruz	East Field House	Service Road Replacement	480,000	In Process
ANR	Intermountain Research and Extension Center, Hopland Research and Extension Center, Sierra Foothill Research and Extension Center, West Side Research and Extension Center, Lindcove Research and Extension Center	Hazardous Materials (asbestos, lead paint) Abatement	750,000	In Process

2019-20 Systemwide State Deferred Maintenance Program

Campus	Facility	Project Name	Amount	Status <small>Error! Bookmark not defined.</small>
Berkeley	Etcheverry	BMS building system renewal - Building control system obsolete, at the end of its lifecycle	2,500,000	In Process
Berkeley	Latimer	Mechanical and supporting electrical systems - Building and Systems deferred maintenance	5,000,000	In Process
Berkeley	Tan Hall	Mechanical/Electrical systems; replace and renew multiple building systems	2,200,000	In Process
Berkeley	Tan Hall	Elevator - The Tan Hall elevator's condition has significantly declined over the past year, and it now creates an urgent accessibility and safety risk for the campus.	1,100,000	In Process
Davis	Art Building	Replace rooftop exhaust fans 2, 4, 6, 7, 8, and 10	135,000	Complete
Davis	Bainer Hall	Replace Failing Chilled Water piping.	65,000	In Process
Davis	Chemistry	Replace/Upgrade existing conductors & Replace Main Breakers to Motor Control Center.	119,000	Complete
Davis	Chemistry Annex	Replace Chiller that is at the end of its life cycle. Costly Corrective Maintenance repairs	86,000	Complete
Davis	Contained Research Facility	Replace Booster Pump Systems with two Frame Mounted Vehicle multi-stage variable speed duplex pressure booster pumps.	40,000	In Process
Davis	Contained Research Facility	Replace Steam Boilers past the end of its life cycle (costly corrective maintenance repairs)	352,000	In Process
Davis	Davis Campus Infrastructure	Steam Distribution Vault & Condensate Repairs: 1. Central Heating Cooling Plant - Broiler Retube 2. Main Campus Steam Distribution - Steam Vault and Condensate Repairs 3. Replace Central Heating Cooling Plant Alarm System	945,000	In Process
Davis	Davis Campus Infrastructure	Repairs to Pump Stations and Reservoirs: 1. Oakville Water Supply Rehabilitation 2. Domestic Water Valve Replacement 3. Environmental Horticulture Sewer Pipe Rehabilitation 4. Utility Water Valve Replacement 5. Domestic Water Distribution Pipeline Replacement	1,575,000	In Process
Davis	Dutton Hall	Replace the aging fire alarm system.	163,000	Cancelled
Davis	Environmental Horticulture	Exterior Dry Rot Repairs and Walkway Soffit Repairs	195,000	Cancelled
Davis	Environmental Services Facility Hazardous Materials Building	Replace Steam Boilers past the end of its life cycle (costly corrective maintenance repairs)	343,000	In Process
Davis	Environmental Services Headquarters	Replace Thermoplastic roofing	460,000	Complete
Davis	Green Hall (formerly called Life Sciences)	Replace failing outdated Gen 1 controller on Smart chiller	130,000	Complete
Davis	Medical Sciences 1-D	Replace Trane Chiller that is at the end of its life cycle (costly corrective maintenance repairs)	179,000	Complete
Davis	School of Education	Reroof / Thermoplastic roofing	247,000	In Process

Campus	Facility	Project Name	Amount	Status <small>Error! Bookmark not defined.</small>
Davis	Shields Library	Replace Chillers that are at the end of their life cycle (costly corrective maintenance repairs)	166,000	Complete
Irvine	Langson Library	Replace Air Handlers	2,300,000	In Process
Los Angeles	LaKretz Botany Building	Replacement of building systems at the end of their useful life.	5,400,000	In Process
Merced	Science and Engineering 2	Replace Other Plumbing Systems: Air Compressors	140,778	In Process
Merced	Classroom and Office Building	Replace Emergency Lighting Inverter	59,222	In Process
Riverside	Electrical Substation	Electrical 12KV system rehabilitation	1,700,000	In Process
San Diego	McGill Hall	Replace pumps, valves, pipes, and fittings MTF System/Heating and replace HVAC System (includes entire heating system and asbestos abatement)	2,300,000	In Process
San Diego	SIO Seawater	Repair storage tanks	1,000,000	In Process
San Francisco	Medical Science Building	Replace seven building elevator cabs and associated control systems that are no longer serviceable (equipment no longer manufactured).	1,500,000	In Process
Santa Barbara	Elings Hall	Replace Cooling Tower	450,000	In Process
Santa Barbara	Biological Sciences II	Replace Steam Boilers B-3 & B-4	225,000	In Process
Santa Barbara	Davidson Library	Replace Four-Story Roof	1,425,000	In Process
Santa Cruz	Emergency Water Tank & System	Repair and recoat Emergency Water Tank Roof	733,000	In Process
Santa Cruz	Thimann Labs - Stair ID 322 South of Thimann	Replace wooden stairs with concrete	7,000	In Process
Santa Cruz	Jack Baskin Engineering Building	Replace freight elevator #2	800,000	In Process
Santa Cruz	Science and Engineering Hill	Asphalt Replacement at paths between buildings	160,000	In Process
ANR	Lindcove Research and Extension Center	Entry/Parking Lot Rehabilitation	800,000	In Process

PROJECT PLANNING GUIDE AMENDMENT

UCB
ACADEMIC SEISMIC REPLACEMENT BUILDING (EVANS HALL SEISMIC
REPLACEMENT PROJECT)

August 2021

2021-22 Capital Improvement Program
Project #912788

Campus Approval:

Marc Fisher
Vice Chancellor – Administration
University of California, Berkeley

August 19, 2021

Date

EXECUTIVE SUMMARY

The Berkeley Campus proposes to revise the scope of the proposed Academic Seismic Replacement Building (“ASRB”) (Evans Hall Seismic Replacement Project). The revised scope’s core objective remains the same as described in past submissions: to provide seismically-resilient space to accommodate functions currently in Evans Hall, a ten-story structure with Seismic Performance Rating (“SPR”) VI, and to design the replacement space to meet the long-term priorities of the campus. The revised scope prioritizes student safety and has a greater impact on the University’s education mission and seismic goals by focusing on replacement of existing, highly-utilized general assignment classroom space and seats within the available budget.

In July 2020, the Regents approved the campus’s request to use \$6,000,000 in external financing supported by State appropriations to support the preliminary project plans. As a result of analysis during the project’s preliminary plans phase, the campus determined that its proposed budget would not be sufficient to support the original project vision - an approximately 124,000 gsf building housing classrooms and academic department space - due to rapidly increasing construction costs in the Bay Area and nationally. Condensing proposed functions into an achievable, but much smaller, space was also determined to be infeasible due to its severe and negative impact on the academic functions of the University Registrar classroom inventory and the departments (Mathematics and Economics). Therefore, the campus proposes to reduce the size of the proposed ASRB to align with the target budget and reprogram the proposed occupants from what was described in the April 2020 Project Planning Guide (“PPG”) (Addendum - August 2021).

The revised proposed project would deliver approximately 78,000 gsf of seismically-improved space to replace existing space in Evans Hall housing the highest occupancy and student-facing functions: general assignment classrooms and student advising services. The campus anticipates that approximately 70% of the replacement space would be for general assignment classrooms; by dedicating more space to classrooms, the campus will be able to construct space that meets modern teaching pedagogy, meets the campus’s classroom utilization needs in terms of seats and rooms; and is flexible to serve evolving enrollment demands. The percentage of the building dedicated to classrooms vs offices would continue to be refined through design to ensure program needs align with budget.

Due to the reduced building size, the Berkeley campus proposes constructing the ASRB on the site of an existing surface parking lot to the west of Dwinelle Hall. This change to a smaller site allows the campus to optimize the achievable density on an infill development site, reserving the previously proposed North Field site for future development.

The total project remains unchanged. The Berkeley campus has requested \$116,723,000 in the 2021-22 Budget for State Capital Improvements to fund working drawings and construction of the project. The project schedule is revised to reflect preliminary plan completion in 2022; construction beginning in 2023, and building completion in winter 2025-26.

PROJECT BACKGROUND

Evans Hall is the fifth largest academic building on the Berkeley campus, with approximately 284,000 gsf (155,000 asf) of classroom, library, and academic department space. The building is ten-stories above grade level, with two partially below grade levels that house general assignment classrooms (931 stations). Evans Hall has a SPR VI and is the campus's highest capital priority for replacing with seismically improved space given its size and occupancy that exceeds 3,000 daily visits.

In the 2017-18 Budget for State Capital Improvements, the campus received \$1.1 million in funding from external financing supported by State General Funds to start preliminary plans (evaluation and options analysis). With these funds, the campus completed a rigorous assessment and options analysis to determine the preferred approach for addressing the seismic needs of Evans Hall. The assessment determined that building replacement space was the superior alternative due to the building's structural intervention needs; extensive deferred maintenance with building systems at the end of their useful life; substantial life-safety and code issues; and current and future programmatic needs that could not easily be addressed through renovation.

Due to the occupancy and magnitude of space in Evans Hall, the campus has focused limited capital resources on its replacement. The proposed ASRB was identified as one prong of a strategic facilities plan to decant Evans Hall as quickly as possible. The ASRB is to house programs that cannot easily be accommodated in other existing campus spaces and those that are not strong candidates for philanthropic support. In addition to the ASRB, the proposed Data Hub/Gateway project will re-house some current Evans programs, primarily the Department of Statistics, aligned with the Computing, Data Science, and Society (CDSS) Division. After all units are relocated, Evans Hall would be demolished as a separate project.

As part of the 2020-21 Budget for State Capital Improvements, the Berkeley campus received \$6,000,000 in preliminary plan funds to support the planning of a new building that would replace classroom and departmental space in Evans Hall. This preliminary planning phase included robust engagement with current occupants of Evans Hall and potential future occupants of the ASRB. The campus also began site assessments and conceptual planning for a new building. During these investigations, several things became clear: the proposed 124,000 gsf could not be achieved with the target budget; decanting all of the remaining occupants of Evans Hall proposed in the April 2020 PPG (GA Classrooms and the Departments of Mathematics and Economics) would not be feasible within a smaller project; and a smaller project would require the campus to significantly reduce the number of classroom seats and rooms that could be built. Reducing the amount of space allocated to each department was determined to be infeasible without severely impacting the teaching, learning, and research mission.

The campus is now proposing to reduce the size of the proposed ASRB project to align the proposed program with the target project budget. The revised proposal maximizes reduction in risk to life safety and advances the education mission by focusing on replacing classroom seats before replacing office and other program space. Classrooms are by far the most population dense spaces in Evans Hall. This will maximize the impact of the new space for students by replacing the existing classroom seats and rooms, aligning these spaces with modern pedagogy to

support current and future enrollment, and provide space for student-facing programs as feasible within the state-supported budget. The campus also proposes to relocate the proposed building to a new site that is better suited for the proposed building size and program occupants.

PROJECT DESCRIPTION

The proposed ASRB project would deliver approximately 78,000 gsf of seismically-superior space to partially replace existing space and functions within Evans Hall. The proposed 78,000 gsf building aligns with what is achievable within the target construction budget. Given the many other capital and seismic needs, the ASRB replacement space would prioritize student-facing, in-person program space needs and provide improved space that better aligns with modern academic pedagogy to meet current and future enrollment needs. The highest priority programs for relocation from Evans Hall and within the ASRB's target budget include general assignment classrooms and student services (including advising). The proposed project would be located on the site of an existing surface parking lot west of Dwinelle Hall.

Project Site

The proposed project would be located on the Dwinelle Site (Attachment 1). The proposed site is included in the Berkeley *2021 Long Range Development Plan* ("2021 LRDP") as an area of future development for academic and interdisciplinary programs.

The project site is located within the central area of the Berkeley Campus Park and is currently a surface parking lot. Buildings surrounding the site, including Dwinelle Hall and Valley Life Sciences Building, serve other academic programs and students within the College of Letters & Sciences. The site's central location would make the proposed general assignment classrooms convenient to a broad range of campus programs and allow the proposed student services to be central to other College of Letters & Sciences programs.

The April 2020 PPG previously described the proposed building site as the North Field. Due to the reduction in building size and the realignment of the program, the campus determined during the preliminary planning phase that the revised scope and smaller project is better suited for the Dwinelle Site, which is a smaller site and more centrally located, allowing the program to make better use of limited campus development space.

Project Design

Building design and planning would be informed by Berkeley's 2021 LRDP and *Physical Design Framework*. As envisioned, the proposed project would be designed to avoid high-rise code requirements and the associated cost and budget implications. Due to the circulation requirements and demand of classrooms, particularly classroom-focused buildings, the proposed building would have no more than three floors of classroom program. The upper floors would house office and student support functions.

Proposed Building Program

The proposed ASRB program, based on the 2020-21 preliminary plans phase, would include replacement of the general assignment classroom and student services space. Classroom spaces have greater occupancy compared to office functions within Evans Hall, and both classrooms and student services have the most significant in-person engagement with students. These programs have been selected to align with the space achievable within the target budget; the final size and program will be based on the program, design, and technical requirements of the project as well as the budget.

Levels 1 through 3 of the proposed ASRB would accommodate classroom programs. The upper levels (4-5) would accommodate student services, office, and other support functions.

The proposed program is shown in Table 1.

Table 1. Proposed ASRB Program			
	Existing Evans Hall Program¹	Original ASRB Program¹	Revised ASRB Program²
Academic Departments	92,400 asf	60,300 asf	- asf ³
GA Classrooms	14,100 asf	14,100 asf	32,400 asf
Student Services	25,300 asf	- asf	13,400 asf
Other Functions	22,500 asf	- asf	- asf ⁵
Total Square Footage	154,300 asf (284,000 gsf)	74,400 asf (124,000 asf)	45,800 asf (78,000 gsf)⁶

Notes: (1) from Project Planning Guide April 2020; (2) Square footage to be refined through design; (3) Other academic departments would be relocated to the proposed Data Hub/Gateway building as well as other existing campus space. A future capital project would create a new academic building for Mathematics and Economics. (4) The proposed classroom space would increase due to increased per seat space needs of current teaching pedagogy and to allow flexibility to accommodate enrollment needs. (5) The proposed ASRB will include ancillary support spaces to support building operations; however, the square footage would be negligible. (6) Target square footage will ultimately be based on the target budget.

Evans Hall houses approximately 12 percent of all **general assignment (GA) classroom** space and 8 percent of classroom seats on the Berkeley Campus. The University Registrar manages reservations of these rooms, which are generally available for faculty, student and staff use between 8 am and 10 pm. The existing GA classrooms (approximately 14,100 asf; 931 seats) in Evans Hall are generally undersized for the number of seats in them, greatly impacting flexibility of the space and space accessibility. Additionally, increasing enrollment has resulted in high utilization during the day and increased reliance on evening classes, reducing the availability of space for both high-enrollment sections and other classroom activities. The mismatch between enrollment, classroom size, and classroom technology has also resulted in instruction occurring in spaces not ideally sized for the number of students in class sections.

In planning for new classrooms that meet current pedagogical needs, the campus intends to improve the design of classrooms to improve the student experience, provide flexibility for future enrollments, and to meet the pedagogical needs of faculty. These spaces would require more space to provide for increased collaboration, quiet and group study, experiential learning, and active learning. To meet these objectives, the proposed ASRB would provide additional classroom space from the existing 14,100 asf to approximately 32,400 asf.

Depending on the final square footage and seat capacity of ASRB, including the mix of flat floor, flexible, and tiered classrooms, the proposed classroom program could potentially accommodate some classroom space from other buildings that require seismic improvements, as well as provide additional classroom space to meet enrollment demand.

The remaining space in the ASRB would provide **student service space** for Letters & Science advising and interdisciplinary studies. These functions occupy approximately 13,400 asf in Evans Hall today. The existing student service spaces and advising offices are largely designed to accommodate in-person and peak period demands. Months of online engagement during the COVID-19 pandemic has allowed these functions to explore new ways of accommodating student needs that allow for improved space utilization that will be reflected in a new building. As the design of the building is refined, this space would include informal student collaboration and study space where feasible and complementary to the classrooms and advising spaces.

RELATIONSHIP TO UNIVERSITY OBJECTIVES

The proposed ASRB project supports the instruction and research mission of the University of California by providing safe facilities for teaching and research in a campus academic building.

The project is consistent with the Berkeley *2021 Long Range Development Plan* (2021 LRDP).

SUSTAINABILITY

This project will comply with the *University of California Sustainable Practices Policy*. The *Sustainable Practices Policy* establishes goals for green building, clean energy, transportation, climate protection, facilities operations, zero waste, procurement, foodservice, and water systems. A full range of sustainability practices for building design and operations is included in the budgeting, programming, and design effort for the project.

PROJECT BUDGET

The Berkeley campus anticipates a proposed project budget of \$123.823 million funded by external financing supported by State General Funds (California Education Code Sections 92495 et seq.). The Capital Improvement Budget is included as Attachment 2. Based on the scope revision, the campus is proposing a minor change to reallocate \$26,000 from Construction to Working Drawings and \$3,454,000 from Construction to Equipment.

The campus conducted general pre-design studies and cost analyses based on historical data of project components and preliminary site investigations. This process began in July 2017 as part of the evaluation and options analysis. The 2020-21 preliminary planning phase re-evaluated

these costs based on current market conditions, a better understanding of site constraints, and a refined building program. The campus will continue to monitor project costs to ensure that the proposed building program and scope of work can be accomplished within the budget.

Table 2. Project Budget Summary			
	State Capital Budget Year	Amount	Percentage
Study Phase (Partial Preliminary Plans)	2017-18	\$1,100,000	0.89%
Preliminary Plans	2020-21	\$6,000,000	4.85%
Working Drawings, Construction, Equipment	2021-22	\$116,723,000	94.27%
	TOTAL PROJECT	\$123,823,000	100.00%

Note: (1) Project costs do not include demolition of Evans Hall.

PROJECT SCHEDULE

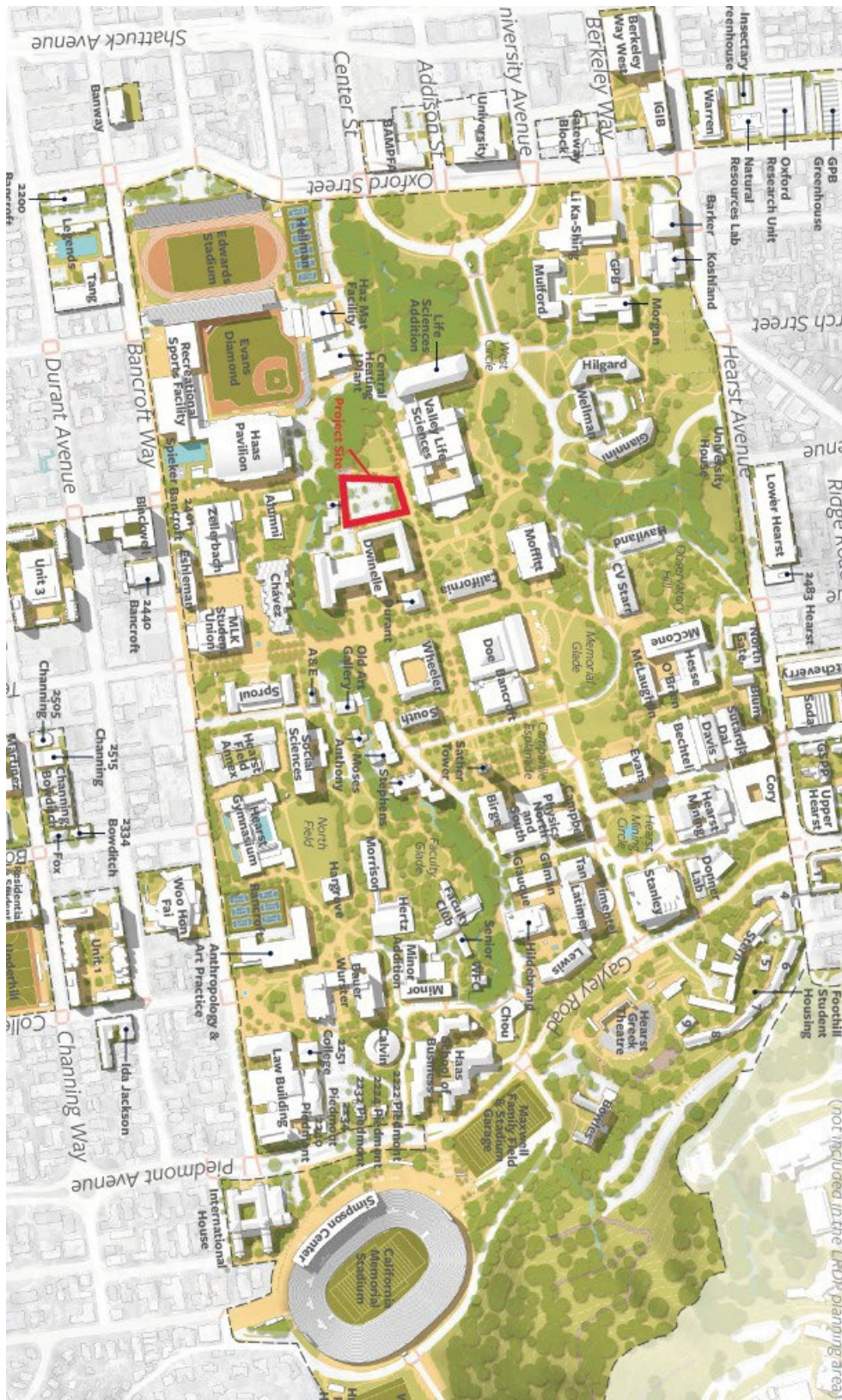
The project schedule (Attachment 3) is updated from the 2020-21 State submission, with a revised completion date for the preliminary plans phase. This change would also affect the anticipated completion of construction to be winter 2025/2026.

ENVIRONMENTAL IMPACT SUMMARY

In accordance with university procedures and the requirements of the California Environmental Quality Act (CEQA), the project would be evaluated in relation to the analysis of the environmental impacts of implementation of the UC Berkeley 2021 LRDP in the 2021 LRDP EIR (SCH#2020040078). Development of the project for the proposed uses on the proposed site was considered as part of the Berkeley 2021 LRDP EIR. The project would be tiered from and is consistent with the analysis and findings of the 2021 LRDP EIR, and project-specific findings will be prepared for the proposed project.

ATTACHMENTS:	
Attachment 1:	Project Location Map
Attachment 2:	Capital Improvement Budget
Attachment 3:	Project Schedule
Attachment 4:	Environmental Impact Classification

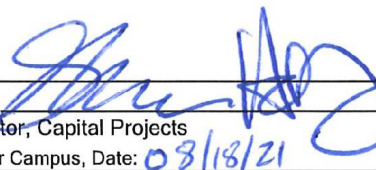
ATTACHMENT 1 - PROJECT LOCATION



**CAPITAL IMPROVEMENT BUDGET
BUDGET DATA**

UNIVERSITY OF CALIFORNIA
BERKELEY CAMPUS

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Academic Seismic Replacement Building (Evans Hall Seismic Replacement)				12788A		CCCI: 7892	EPI: XXX				
Project Title:				Project Number:	CAAN:	Cost Indexes:					
A FUNDING SCHEDULE				Univ. Priority No.							
Totals (000's)		Prefunded	2020-2021	2021-2022	2022-2023	2023-2024					
P	7,100	1,100	P 6,000								
W	5,944		W	5,944							
C	107,325		C	107,325							
E	3,454		E	3,454							
(Tot. Proj.) \$ 123,823		1,100	6,000	116,723		0					
B FUNDING REFERENCES											
Account No:		Column (1)	Column (2)	Column (3)	Total all Sources (4)						
Source:					12788A						
C COSTS											
						%					
0	Site Clearance	\$	\$	\$	\$ 250	0.2					
1	Construction				96846	80.2					
2	Exterior Utilities				660	0.5					
4	Site Development					0.0					
5	Fees				5716	4.7					
6	A&E/PP&C				2701	2.2					
7	Surveys, Tests, Plans, Specs				1281	1.1					
8	Special Items				6377	5.3					
SUBTOTAL		\$	\$	\$	\$ 113830	94.2					
9	Contingency 7.1%				6960	5.8					
TOTAL P-W-C		\$	\$	\$	\$ 120790	100.0					
3	Group 2&3 Equipment				3033	2.5					
TOTAL PROJECT		\$	\$	\$	\$ 123823						
Available Funding					12788A						
Anticipated Surplus (Deficit)		\$	\$	\$	\$						
D FINANCING											
State Funds				P	7100						
				W	5944						
				C	107325						
				E	3454						
				TOTAL		\$	\$	\$	\$ 123,823		
				E STATUS OF PROJECT:							
Name: Shannon Holloway		Signature: 		Budget No.							
Title: Director		Title: Director, Capital Projects		Date							
Prepared By: Valerie Zylla		Approved for Campus, Date: 08/18/21		Orig Date		3/31/2020					
Program:		Signature:		Revised		8/17/2021					
Cost:		Title:									
		Approved AVP-PPC, Date:									

Project Schedule
UNIVERSITY OF CALIFORNIA, BERKELEY

PROJECT: ACADEMIC SEISMIC REPLACEMENT BUILDING (EVANS HALL SEISMIC REPLACEMENT PROJECT)
ACCOUNT NO. 912788

DATE: 8/16/2021

ACTIVITY	No. of Months	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024		2024-2025		2025-2026	
		July	Aug	July	Aug	July	Aug	July	Aug	July	Aug	July	Aug	July	Aug
Programming, Preliminary Plans	29	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Working Drawings	7						■	■							
Agency & UCOP Review	4						■	■	■	■					
Bid/Award Contract	3				■	■									
Construction	23									■	■	■	■	■	
Commissioning, FFE	3													■	■
Moves, Final Completion	1														■
Cumulative Calendar Months	70														

Approved: _____
Title: _____

Campus/Field Station/Division BERKELEY

Project Account 912788

Project Title ACADEMIC SEISMIC REPLACEMENT BUILDING (EVANS HALL SEISMIC REPLACEMENT PROJECT)

For purposes of compliance with the California Environmental Quality Act of 1970 (CEQA), and Amended University of California Procedures for Implementation of CEQA, this project has been reviewed and initially classified as indicated below. Please check (X) as appropriate. Include project description and appropriate local map with your submission.

I. **EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT OF 1970** - When it can be seen with certainty that there is no possibility the action will result in physical change to the environment (15061(b)(3)), or the action is specifically exempted by statute (15260-15285), the project is classified as generally exempt from CEQA. General/Statutory Exemption:
§ [Insert reference to applicable CEQA statutory provision and, if applicable, the correlating guidelines Section]

II. **CATEGORICALLY EXEMPT*** - This project falls under the indicated Class(es) of Exemption(s), none of the exceptions to the exemption apply (15300.2), and there is no significant effect on the environment (for complete list see CEQA Guidelines Section 15300):

- | | |
|---|--|
| <input type="checkbox"/> Class 1: Existing Facilities | <input type="checkbox"/> Class 17: Open Space Contracts or Easements |
| <input type="checkbox"/> Class 2: Replacement or Reconstruction | <input type="checkbox"/> Class 23: Normal Operation of Facilities for Public Gatherings |
| <input type="checkbox"/> Class 3: New Construction or Small Structures | <input type="checkbox"/> Class 25: Transfer of Land: Natural Conditions/Historical Resources |
| <input type="checkbox"/> Class 4: Minor Alterations to Land | <input type="checkbox"/> Class 30: Minor Actions: Prevent Hazardous Waste/Substances |
| <input type="checkbox"/> Class 6: Information Collection | <input type="checkbox"/> Class 31: Historical Resource Restoration/Rehabilitation |
| <input type="checkbox"/> Class 11: Accessory Structures | <input type="checkbox"/> Class 32: In-Fill Development Projects |
| <input type="checkbox"/> Class 13: Acquisition for Conservation | <input type="checkbox"/> Class 33: Small Habitat Restoration Projects |
| <input type="checkbox"/> Class 16: Transfer of Land Ownership for Parks | <input type="checkbox"/> Other: _____ |

*Exemptions should be supported by a memorandum to the file documenting project compliance with the specific exemption conditions and exceptions to ensure CEQA defensibility.

III. **INITIAL STUDY** - This project is not statutorily or categorically exempt from CEQA; an Initial Study is to be prepared to determine if the project may have a significant effect on the environment.

Stand-Alone Tiered Initial Study (15152): _____

IV. **ENVIRONMENTAL IMPACT REPORT (EIR)** - It is known that the project will have a direct or cumulatively significant effect on the environment and an EIR will be/has been prepared. Identify the type of EIR:

Programmatic Stand-Alone (Project-Specific) Long Range Development Plan and Housing Projects #1 and #2

Additional project analysis:

None/Findings Only Addendum Subsequent Supplement to EIR: _____

PROJECT DESCRIPTION - [Insert brief project description, provide supporting documentation as appropriate]

Real estate transaction type: Acquisition Sale Lease Easement License [Include proposed use in project description below]

The proposed project would involve construction of a new classroom and academic office building (approximately 80,000 gsf) to house programmatic functions currently located in Evans Hall. The proposed new building would be located on the site of an existing, campus owned and operated, surface parking lot located west of Dwinelle Hall (i.e., the Dwinelle Parking Lot). After all occupants of Evans Hall are relocated, Evans Hall would be demolished and the site restored as temporary open space. The project design would be consistent with the goals and objectives of the 2021 Long Range Development Plan and Physical Design Framework. Development of the project for the proposed use was considered as part of the Berkeley 2021 Long Range Development Plan Environmental Impact Report (2021 LRDP EIR). The project is tiered from and is consistent with the analysis and findings of the 2021 LRDP EIR, and project-specific findings would be prepared for the proposed project.

V. Does this project conform to the approved LRDP? YES NO NA

VI. <u>[Signature]</u>	<u>08/19/2021</u>	<u>[Signature]</u>	<u>08/19/2021</u>
Prepared by	Date	Local Approved by	Date

VII. OFFICE OF THE PRESIDENT

Concur with Classification Do not concur with Classification

Signed _____ Date _____

**UNIVERSITY OF CALIFORNIA, RIVERSIDE
PROJECT PLANNING GUIDE AMENDMENT**

**BATCHELOR HALL BUILDING SYSTEMS RENEWAL
PROJECT NO. 950464**

May 2021

Approved by:

5/11/2021 | 7:29 AM PDT

Jacqueline Norman
Campus Architect, UC Riverside

Date

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EXECUTIVE SUMMARY

The Project Planning Guide (PPG) for the Batchelor Hall Building Systems Renewal project was originally approved in August 2014.

An amendment in September 2020 addressed an increase in the project budget in response to cost escalation and market conditions, as well as a scope amendment to integrate the Batchelor Hall Building Systems Renewal (Building Systems) and Batchelor Hall Interiors projects, which were previously approved separately in 2016 and 2018, respectively. The project program for the Batchelor Hall Interiors project was reduced in order to provide funding support to the Building Systems (AB94) project.

The current amendment will address an increase to the project budget in response to bids received in March 2021. The project program for the Building Systems project remained as previously approved.

AMENDMENT TO PROJECT BUDGET

The budget has increased from \$26,920,000 to \$33,690,000. Additional funding is provided with \$6,770,000 in external financing.

Construction bids were received in March 2021, in which the base scope bid exceeded the approved budget. This was primarily due to market fluctuations during the COVID-19 pandemic. In addition to the requested budget increase to award the base scope, the campus is electing to authorize critical alternates which include the installation of fire sprinklers and associated infrastructure throughout the building to address a safety mandate by the State Fire Marshal, as well as other alternates detailed in the PPG amendment approved in September 2020 and in Table 2. The program for the state-funded project remains as approved. The revised budget includes proportional increases in soft costs and project contingency.

The revised total project budget of \$33,690,000 will be funded with \$17,777,000 from State Appropriation (2007) and 2015-16 State Capital Outlay (AB94); \$15,017,000 will be funded from External Financing (Century Bond 2015AQ), \$590,000 will be funded from Campus Funds for repayment of interest during construction¹.

¹ Interest during construction is not being reflected for the \$6.77m increase in external financing due to a change in requirements to show in capital project approvals.

In summary, the project budget has been amended as shown in Table 1:

Table 1: Project Budget Adjustments			
Phase of Work	Currently Approved PPG Amendment September 2020	Proposed PPG Amendment May 2021	Proposed Change (external financing)
Study (S)	\$250,000	\$250,000	\$0
Preliminary Plans (P)	\$1,232,000	\$1,232,000	\$0
Working Drawings (W)	\$1,946,000	\$1,946,000	\$0
Construction (C)	\$23,492,000	\$30,262,000	\$6,770,000
Interest During Construction (IDC)	\$590,000	\$590,000	\$0
Total Project	\$26,920,000	\$33,690,000	\$6,770,000

Table 2, the revised Capital Improvement Budget, project schedule, project location, and Environmental Impact Classifications are attached.

Table 2: Current Scope – Remains Unchanged from PPG Amendment #2 in September 2020

September 2020 PPG Scope Originally May 2018 PPG Scope (external financing)		September 2020 PPG Scope Originally August 2014 PPG Scope (State-funded + external financing)	
<i>Gray indicates deleted scope.</i>		<i>Scope intact.</i>	
1	Expanded Restrooms Upgrade remaining restroom facilities beyond minimum requirements specified in the Building System Renewal phase	1	Heating and Cooling System Remove the existing heating and cooling units located in the building basement and replace with new heating and cooling units which will be mounted on the roof. Includes installation of a new building roof.
2	Upgrade Elevator to Meet Current Code Install a new code compliant elevator shaft and cab, the remaining elevator will remain. Modernization of existing elevator - scope will include upgrades to components such as controls equipment and signage. Additive alternate – being awarded.	2	Ventilation System Remove the building lab exhaust system then replace with a new centralized system which will be mounted on the building roof.
3	Provide Laboratory Equipment Rooms Convert existing laboratory space to areas suitable to support laboratory equipment. Additive alternate – being awarded. Was bid as part of the base bid.	3	Energy Management System Install a new energy management system which will monitor and control the building’s heating, cooling and ventilation.
4	Develop Telecommunication Rooms With New Risers Construct IDF rooms on each building floor, provide communications risers and equipment racks	4	Primary and Emergency Electrical System Install a 12kV electrical service to the building to provide 480v/208v distribution to the new mechanical equipment and to the equipment storage room. The new 12kV service as equipped with emergency power.
5	Install Fire Sprinkler Mains in Corridors Extend fire sprinkler mains into building corridors in order to reduce future research space renovations. See item #2 in the added core scope in table below. Additive alternate – being awarded.	5	Fire Alarm and Protection System Upgrade the existing fire life safety panel. Replace the existing fire sprinkler risers as needed to support future fire protection expansion. See item #2 in the added scope in table below.
6	Place Standby Power Panels on Each Floor Provide electrical service panels tied to the new building electrical infrastructure at each floor in the building. Possible additive alternate – being awarded.	6	De-ionized Water and Reverse Osmosis Systems Replace the existing water treatment system with a new de-ionized water and reverse osmosis system. Scope will include replacement of the domestic and industrial water vertical distribution along with primary vertical sewer lines, compressed air, and gas.
7	Complete Code Upgrades in Stairways Upgrade the existing building stairways to meet current code requirements	7	Reconfiguration of Research Laboratory and Related Spaces Expand available assignable space of existing research spaces by annexing building interstitial space. Limited reconfiguration of existing laboratory space to support placement laboratory equipment.
8	Connect Building to Standby Generator Tie new building electrical infrastructure to existing campus standby generator.	8	Hazardous Materials Abatement Abatement of hazardous materials affected by the defined scope of work.

New Scope from PPG Amendment #2 September 2020 – External Financing

Provide Access Control System

Install card reader access to building exterior doors (15 doors)
Additive alternate – entry level access controls being awarded.

Provide Building Wide Sprinkler Heads

Install fire sprinkler heads throughout all building spaces. *The fire protection scope has been increased from an upgrade of the building fire sprinkler mains to a new building-wide sprinkler system.*
Additive alternate – being awarded.

CAPITAL IMPROVEMENT BUDGET – PAGE 1

**Capital Improvement Budget
Budget Data**

UNIVERSITY OF CALIFORNIA
Riverside
Campus

Batchelor Hall Building Systems Renewal	950464	P5501	CCCI: 6984
Project Title	Rowan Reid	Asset No.	EPI:
	Campus Reference		Cost Indexes



A					
Totals	Prefunded	2015-2016	2018-2019	2020-2021	
S \$250	250 EF				
P \$1,232	P \$306 GO		P \$926 EF		
W \$1,946		W \$1,333 SG	W 613 EF		
C \$30,262		C \$16,444 SG	C \$6,458 EF	C \$6,770 EF	
			C \$590 CF		
\$33,690	\$556	\$17,777	\$8,587	\$6,770	\$0

B FUNDING REFERENCES					
	(1) State (GO + AB94)	(2) Ext. Financing	(3) Campus Funds	(4) n/a	(5) Total All Sources
Account No.	Renewal	Interiors	Interiors	n/a	
Source	GO, AB94	EF	CF	n/a	

C COSTS*					
				Totals	%
0 Site Clearance	\$791,000	\$1,399,000	\$0	\$2,190,000	6.5%
1 Building Construction	\$13,374,000	\$9,399,000	\$0	\$22,773,000	67.6%
2 Exterior Utilities	\$457,000	\$240,000	\$0	\$697,000	2.1%
4 Site Development	\$0	\$0	\$0	\$0	0.0%
5 Fees	\$1,192,000	\$795,000	\$0	\$1,987,000	5.9%
6 Campus Administration	\$596,000	\$1,130,000	\$0	\$1,726,000	5.1%
7 Surveys, Tests	\$149,000	\$97,000	\$0	\$246,000	0.7%
8 Special Items	\$484,000	\$1,231,000	\$590,000	\$2,305,000	6.8%
SUBTOTAL	\$17,043,000	\$14,291,000	\$590,000	\$31,924,000	94.8%
9 Contingency	\$1,040,000	\$726,000	\$0	\$1,766,000	5.2%
TOTAL P-W-C	\$18,083,000	\$15,017,000	\$590,000	\$33,690,000	100.0%
3 Group 2&3 equipment	\$0	\$0	\$0	\$0	
TOTAL PROJECT	\$18,083,000	\$15,017,000	\$590,000	\$33,690,000	
Available Funding					
Anticipated Surplus					

D FINANCING					
			State (GO)	\$306,000	
			State (AB94)	\$17,777,000	
			External Financing	\$15,017,000	
			Campus Funds - for EF	\$590,000	
			Total	\$33,690,000	

E STATUS OF PROJECT: Award of bidding.

Campus	Prepared by:	Name: Rowan Reid	Budget No.	11	6/29/2012
		Title: Project Manager, PDC	Issue Date	5/30/2006	5/30/2013
		Signature: 	Revised	7/30/2007	6/20/2014
	Approved for Campus:	Name: Blythe R. Wilson	Revised	6/16/2008	7/8/2016
		Title: Director of Project Management	Revised	6/25/2010	7/27/2020
		Signature: 	Revised	6/20/2011	5/3/2021

CAPITAL IMPROVEMENT BUDGET – PAGE 2

**Capital Improvement Budget
Analytical Data**

UNIVERSITY OF CALIFORNIA
Riverside
Campus

Batchelor Hall Building Systems Renewal	950464	P5501	CCI: 6984
Project Title	Rowan Reid	Asset No.	EPI:
	Campus Reference		Cost Indexes

F ANALYTICAL DATA

	Column (1)	(2)	(3)	(4) Total All Sources
ASF per PPG Dated: 6/30/2014				56,084 /ASF
ASF Current				0 /ASF
OGSF				110,091 /OGSF
Ratio (ASF Current/OGSF)				0.00 to 1.00
Building Construction Cost per ASF				\$406.05 /ASF
Building Construction Cost per OGSF				\$206.86 /OGSF
Total P-W-C Cost per ASF				\$600.71 /ASF
Total P-W-C Cost per OGSF				\$306.02 /OGSF
Gr. 2&3 Equip. Cost per ASF				\$0.00 /ASF
Renewal	Interiors	Interiors		

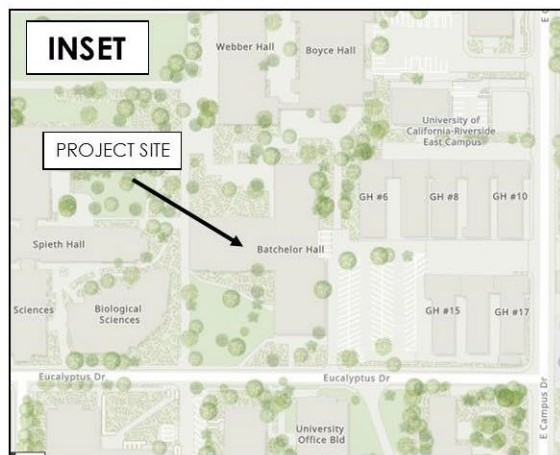
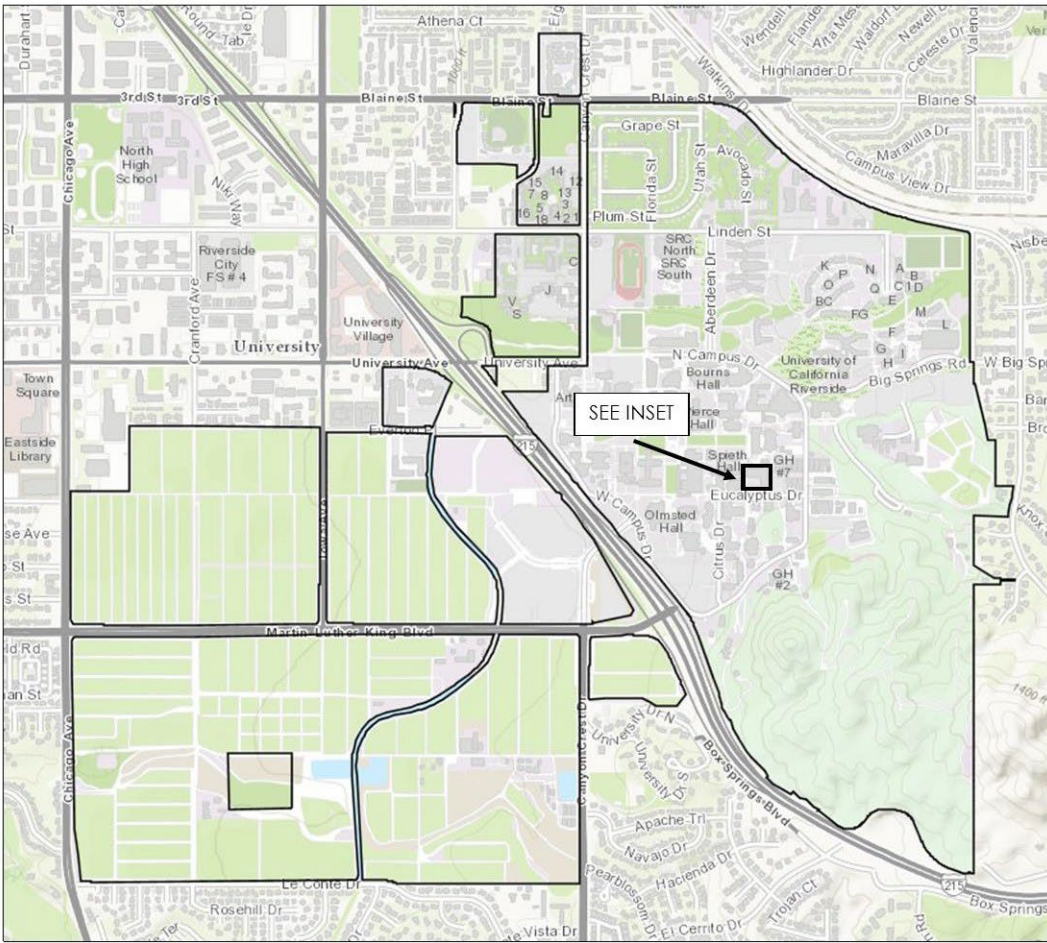
G NOTES:

Special Items: Sub 8

Agency Review	\$25,000
Hazardous Materials Consultant	\$130,000
V.E./Constructability	\$250,000
Commissioning Agent	\$100,000
Special Consultant	\$160,000
Structural Peer Review	\$20,000
Special Inspection	\$150,000
Initial Program Study	\$250,000
Validation of As-Built Conditions	\$180,000
Moves and Relocations	\$352,000
Interest During Construction	\$590,000
LEED Consultant	\$0
Program Validation/Conforming Preliminary Plans	\$160,000
TOTAL	\$2,305,000

STATUS OF PROJECT: Completion of Working Drawings	Budget No.	11	6/29/2012
	Issue Date	05/30/06	5/30/2013
	Revised	7/30/2007	6/20/2014
	Revised	6/16/2008	7/8/2016
	Revised	6/25/2010	7/27/2020
	Revised	6/20/2011	5/3/2021

PROJECT LOCATION



LEGEND

— UCR Campus Boundary

*Riverside: 950564 Batchelor Hall Building Systems Renewal Project
PPG Amendment #3 May 2021*

UNIVERSITY OF CALIFORNIA

ENVIRONMENTAL IMPACT CLASSIFICATION

Campus or Field Station: Riverside Project Number: 950464

Project Title/Address/Location: Batchelor Hall Building Systems Renewal

Riverside For purpose of compliance with the California Environmental Quality Act of 1970 (CEQA) and Amended University of California Procedures for Implementation of CEQA, this project has been reviewed and initially classified as indicated below. Please check (X) as appropriate. Include project description and appropriate local map.

- I. **EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT OF 1970** - When it can be seen with certainty that there is no possibility the action will result in physical change to the environment (1506(b)(3)) or the action is specifically exempted by statute (15260-15285), the project is classified as exempt from CEQA.
- II. **CATEGORICALLY EXEMPT** - This project falls under the indicted Class(es) of Exemption(s), none of the exceptions to the exemptions apply (15300.2), and there is no significant effect on the environment. For complete list see Section 15300.
- | | |
|---|--|
| <p><input checked="" type="checkbox"/> Class 1: Existing Facilities</p> <p><input type="checkbox"/> Class 2: Replacement or Reconstruction</p> <p><input type="checkbox"/> Class 3: New Construction Small Structures</p> <p><input type="checkbox"/> Class 4: Minor Alterations to Land</p> <p><input type="checkbox"/> Class 5: Alterations in Land Use Limitations</p> <p><input type="checkbox"/> Class 6: Information Collection</p> <p><input type="checkbox"/> Class 7: Regulatory Protection of Natural Resources</p> <p><input type="checkbox"/> Class 8: Regulatory Protection of the Environment</p> <p><input type="checkbox"/> Class 9: Inspections</p> <p><input type="checkbox"/> Class 10: Loans</p> <p><input type="checkbox"/> Class 11: Accessory Structures</p> <p><input type="checkbox"/> Class 12: Surplus Governmer : Property Sales</p> <p><input type="checkbox"/> Class 13: Acquisition for Conservation</p> <p><input type="checkbox"/> Class 14: Minor Additions to Schools</p> <p><input type="checkbox"/> Class 15: Minor Land Divisions</p> | <p><input type="checkbox"/> Class 16: Transfer of Ownership of Land in order to Create Parks</p> <p><input type="checkbox"/> Class 17: Open Space Contracts</p> <p><input type="checkbox"/> Class 18: Designation of Wilderness Areas</p> <p><input type="checkbox"/> Class 19: Annexation of Existing Facilities and Lots</p> <p><input type="checkbox"/> Class 20: Changes in Organization of Local Agencies</p> <p><input type="checkbox"/> Class 21: Regulatory Enforcement Actions</p> <p><input type="checkbox"/> Class 22: Educational Programs</p> <p><input type="checkbox"/> Class 23: Normal Operation</p> <p><input type="checkbox"/> Class 24: Regulations of Working Conditions</p> <p><input type="checkbox"/> Class 25: Transfer of Ownership of Land to Preserve Open Space</p> <p><input type="checkbox"/> Class 26: Acquisition Housing for Housing Assistance</p> <p><input type="checkbox"/> Class 27: Leasing New Facilities</p> <p><input type="checkbox"/> Class 28: Small Hydroelectric Projects</p> <p><input type="checkbox"/> Class 29: Cogeneration Projects</p> <p><input type="checkbox"/> Class 32: Infill Projects</p> <p><input type="checkbox"/> Class 33: Small Habitat Restoration Projects</p> |
|---|--|
- III. **INITIAL STUDY** - This project is not Exempt from CEQA or Categorically Exempt; an Initial Study is to be prepared to determine if the project may have a significant effect on the environment that has not been substantially and adequately analyzed in a certified Program EIR.
- IV. **ENVIRONMENTAL IMPACT REPORT (EIR)** - It is known that the project will have a significant effect on the environment and has not been adequately and substantially analyzed in a certified program EIR.

PROJECT DESCRIPTION: The proposed project is to renovate the aging utility infrastructure in an existing 110,091 gsf building. The project will include renovation, renewal, and replacement of HVAC, electrical, plumbing, and fire protection systems to bring them up to current code and energy efficiency standards. The project will also include some interior reconfiguration to improve the research space use and efficiency. The project is categorically exempt under Section 15301, Class 1, Existing Facilities, as it consists of repair, maintenance, and minor alterations of existing facilities and mechanical equipment involving negligible or no expansion of use.

V. Does this project conform to an approved LRDP? YES NO

VI. *Tricia D. Thrasher* 8-19-14 *Tricia D. Thrasher* 8-19-14

Prepared by/Date Local Approval by/Date
 Tricia D. Thrasher, ASLA, LEED AP Tricia D. Thrasher, ASLA, LEED AP
 Principal Environmental Project Manager Principal Environmental Project Manager
 Capital Planning Capital Planning

VII. **Office of the President** **Comments**

Concur with Classification _____

Do not Concur _____

Signed _____
Date

*Riverside: 950564 Batchelor Hall Building Systems Renewal Project
PPG Amendment #3 May 2021*

UNIVERSITY OF CALIFORNIA ENVIRONMENTAL IMPACT CLASSIFICATION

Campus/Field Station/Division Riverside Project Account 950531

Project Title Batchelor Hall Interiors

For purposes of compliance with the California Environmental Quality Act of 1970 (CEQA), and Amended University of California Procedures for Implementation of CEQA, this project has been reviewed and initially classified as indicated below. Please check (X) as appropriate. Include project description and appropriate local map with your submission.

I. EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT OF 1970 - When it can be seen with certainty that there is no possibility the action will result in physical change to the environment (15061(b)(3)), or the action is specifically exempted by statute (15260-15285), the project is classified as generally or statutorily exempt from CEQA. General/Statutory Exemption: § _____

II. CATEGORICALLY EXEMPT - This project falls under the indicated Class(es) of Exemption(s), none of the exceptions to the exemption apply (15300.2), and there is no significant effect on the environment (for complete list see CEQA Guidelines Section 15300):

- | | |
|---|--|
| <input checked="" type="checkbox"/> Class 1: Existing Facilities | <input type="checkbox"/> Class 17: Open Space Contracts or Easements |
| <input type="checkbox"/> Class 2: Replacement or Reconstruction | <input type="checkbox"/> Class 23: Normal Operation of Facilities for Public Gatherings |
| <input type="checkbox"/> Class 3: New Construction or Small Structures | <input type="checkbox"/> Class 25: Transfer of Land: Natural Conditions/Historical Resources |
| <input type="checkbox"/> Class 4: Minor Alterations to Land | <input type="checkbox"/> Class 30: Minor Actions: Prevent Hazardous Waste/Substances |
| <input type="checkbox"/> Class 6: Information Collection | <input type="checkbox"/> Class 31: Historical Resource Restoration/Rehabilitation |
| <input type="checkbox"/> Class 11: Accessory Structures | <input type="checkbox"/> Class 32: In-Fill Development Projects |
| <input type="checkbox"/> Class 13: Acquisition for Conservation | <input type="checkbox"/> Class 33: Small Habitat Restoration Projects |
| <input type="checkbox"/> Class 16: Transfer of Land Ownership for Parks | Other: _____ |

III. INITIAL STUDY - This project is not statutorily or categorically exempt from CEQA; an Initial Study is to be prepared to determine if the project may have a significant effect on the environment.

Stand-Alone Tiered Initial Study (15152): _____

IV. ENVIRONMENTAL IMPACT REPORT (EIR) - It is known that the project will have a direct or cumulatively significant effect on the environment and an EIR will be/has been prepared. Identify the type of EIR:

Programmatic Stand-Alone (Project-Specific) _____

Additional project analysis:

None/Findings Only Addendum Subsequent Supplement to EIR: _____



PROJECT DESCRIPTION -

Real estate transaction type: Acquisition Sale Lease Easement License

The proposed project consists of the minor interior renovation of existing space Batchelor Hall, an approximately 111,000 GSF building. The project will address code requirements by expanding restrooms and providing ADA-compliant access on upper floors, upgrading fire/life/safety and protection systems, and upgrading an elevator. The project also involves minor interior alterations for the creation of support spaces for equipment. Exterior trenching and backfilling (approximately 400 feet) along an already disturbed alignment will be required to connect the building to a standby generator.

The proposed project is categorically exempt under CEQA Guidelines §15301, Class 1, Existing Facilities as it consists of minor interior alterations, resulting in negligible expansion of use beyond that which exists. None of the exceptions to the exemptions apply.

V. Does this project conform to the approved LRDP? YES NO NA [If NO or NA, include explanation in Project Description above]

<p>VI.  Prepared by Jaime Engbrecht Planner Capital Asset Strategies</p>	<p><u>3-15-18</u> Date</p>	<p> Local Approved by Tricia D. Thrasher, ASLA, LEED AP Principal Environmental Planner Capital Asset Strategies</p>	<p><u>3-15-18</u> Date</p>
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VII. OFFICE OF THE PRESIDENT

Concur with Classification Do not concur with Classification

Signed Date