

AGENDA

COMMITTEE ON CAMPUS PLANNING, BUILDINGS AND GROUNDS

Meeting: **10:00 a.m., Wednesday, September 10, 2014**
 Glenn S. Dumke Auditorium

J. Lawrence Norton, Chair
Rebecca D. Eisen, Vice Chair
Talar Alexanian
Adam Day
Lillian Kimbell
Steven G. Stepanek

Consent Items

Approval of Minutes of Meeting of July 22, 2014

Discussion Items

1. Amend the 2014-2015 Non-State Funded Capital Outlay Program for California State University, Sacramento, *Action*
2. Approval of the Master Plan Revision for California State University, Bakersfield, *Action*
3. California State University Seismic Safety Program Biennial Report, *Action*

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

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

July 22, 2014

Members Present

Rebecca D. Eisen, Vice Chair
Talar Alexanian
Adam Day
Lillian Kimbell
Lou Monville, Chair of the Board
Steven G. Stepanek
Timothy P. White, Chancellor

Approval of Minutes

The minutes for the May 2014 meeting were approved as submitted.

Amend the 2014-2015 Non-State Funded Capital Outlay Program

Assistant Vice Chancellor Elvyra F. San Juan presented agenda item 1 which proposes to amend the 2014-2015 non-state funded capital outlay program with two projects: Cellular Antennas Relocation at California State University, East Bay and Student Housing, Phase II at California State University, Sacramento.

The committee recommended approval of the proposed resolution (RCPBG 07-14-10).

Approval of Schematic Plans

Ms. San Juan presented item 2 for approval of schematic plans for California State University San Marcos—Mangrum Track Field Lighting and Cell Tower. She reported that the campus completed an Initial Study/Mitigated Negative Declaration to comply with the California Environmental Quality Act (CEQA) and there were no significant impacts.

Trustee Eisen inquired about green light standards, what they are and how are they established.

Ms. San Juan responded that the campus will be using 40 percent less energy with this lighting as compared to typical field lighting. The CSU follows the energy efficiency requirements in the California Building Standards Code, Title 24 (of the California Code of Regulations) which recently changed with the new Cal Green Standards being more stringent.

Trustee Eisen asked about the city erroneously asserting jurisdiction over this project citing government code.

Ms. San Juan replied that the city brought these concerns forward during the public comment period for the mitigated negative declaration. A formal response to the city was prepared and transmitted; it can be reviewed via the link provided in the agenda item. Some of the concerns are related to visual mitigations—distance to community visual receptors as well as consideration for camouflaging the pole and fixture.

The committee recommended approval of the proposed resolution (RCPBG 07-14-11).

Trustee Eisen adjourned the meeting.

COMMITTEE ON CAMPUS PLANNING, BUILDINGS AND GROUNDS

Amend the 2014-2015 Non-State Funded Capital Outlay Program for California State University, Sacramento

Presentation By

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

Summary

The California State University Board of Trustees approved the 2014-2015 non-state funded capital outlay program at its November 2013 meeting. However, as projects can require a fairly long lead time to secure third party funding agreements or approval of viable financing plans, it is not always possible for campuses to complete the necessary requirements in time to include them in the capital outlay program. This item allows the board to consider the scope and budget of proposed projects.

California State University, Sacramento

Low Impact Development Stormwater Improvements	PWCE¹	\$2,840,000
---	-------------------------	--------------------

California State University, Sacramento wishes to proceed with the design and construction of low impact development (LID) stormwater improvement projects. The project supports the trustees' sustainability policy as it develops campus sustainable landscaping, promotes the use of reclaimed water and advances best practices in reducing stormwater runoff. The low impact development design strategies will reduce pollutants going into the American and Sacramento Rivers. The types of devices/strategies to be implemented primarily includes methods to capture rain water and associated runoff in areas such as bio retention areas, swales, and rain gardens planted with deep rooted plants and grasses to filter contaminants, improve aquifer recharge and reduce the runoff pollutants from entering the two rivers. The project will also intercept runoff from roads, parking lots, open spaces and roofs, filter, and re-use the water instead of entering the stormwater system. The project scope includes the installation of up to 25 low-impact development stormwater treatment devices on the Sacramento State campus.

The Office of Water Programs, University Enterprises, Incorporated (the university's auxiliary), will be responsible for testing and monitoring the effectiveness of the measures on the region's

¹ Project phases: P – Preliminary Plans, W – Working Drawings, C – Construction, E – Equipment

river ways. The project will be funded primarily from a California Proposition 84 Stormwater Grant (\$2,300,000), and the balance (\$540,000) from the campus operating fund.

Recommendation

The following resolution is presented for approval:

RESOLVED, By the Board of Trustees of the California State University, that the 2014-2015 non-state funded capital outlay program is amended to include \$2,840,000 for preliminary plans, working drawings, construction and equipment for California State University, Sacramento Low Impact Development Stormwater Improvements project.

COMMITTEE ON CAMPUS PLANNING, BUILDINGS AND GROUNDS

Approval of the Master Plan Revision for California State University, Bakersfield

Presentation By

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

Background and Summary

The Board of Trustees of the California State University requires that each campus have a long-range physical master plan showing existing and anticipated facilities necessary to accommodate a specified enrollment at an estimated date or planning horizon. Each campus master plan reflects the ultimate physical requirements of academic master plans and auxiliary activities to serve the projected academic year full-time equivalent students that will be on-campus in lecture and laboratory space.

In September 2007, the board approved a campus master plan revision for California State University, Bakersfield and certified a Final Environmental Impact Report which identified an area of the southern campus boundary as a site for public-private development based on a “program” level assessment of the potential environmental impacts.

This agenda item seeks:

- Approval of the Proposed Campus Master Plan Revision dated September 2014;
- Adoption of Final Mitigated Negative Declarations prepared based on the “project” level assessment of a potential Hotel, Conference Center, and Office Park;

Attachment “A” is the proposed campus master plan. Attachment “B” is the existing campus master plan approved by the board in September 2007.

Proposed Master Plan Revision

The proposed changes to the campus master plan refine the location and configuration of the potential Hotel, Conference Center, and Office Park that the campus plans to pursue via public-private partnerships. The projects are located side-by-side along the southwestern edge of the campus boundary, as shown in Attachment A.

Hexagon 1: Office Park (Building 71a)

The proposed development would consist of up to four office buildings, two to six stories, clustered around pedestrian plazas and courtyards. The approximately 283,500 square foot project would provide a 402-space parking structure, and 722 parking spaces in a surface lot on a 12.5 acre site.

Hexagon 2: Hotel (Building 71b)

The proposed 85,000 to 87,000 square foot hotel development to accommodate 100-120 rooms, restaurant, and meeting space would be four to five stories, supported by surrounding parking.

Hexagon 3: Conference Center (Building 71c)

The conference center is estimated to be 10,000 to 12,000 square feet in order to accommodate an estimated 1,000 attendees. The conference center would be one to two stories with surrounding parking.

California Environmental Quality Act (CEQA) Action

As the campus plans to pursue public-private partnerships with different entities for the projects that are the subject of this agenda item, separate CEQA documents were prepared to provide the “project” level analysis of the proposed master plan changes in accordance with the requirements of CEQA and State CEQA Guidelines.

For the Office Park, an Initial Study/Mitigated Negative Declaration was prepared to analyze the potential significant environmental effects. The public review period began on June 26, 2014, and closed on July 25, 2014. There were no potential significant environmental impacts identified. The Final Mitigated Negative Declaration documents are available online at: <http://www.csub.edu/discover/index.html>.

For the Hotel and Conference Center, an Initial Study/Mitigated Negative Declaration was also prepared. The public review period began on March 31, 2014, and closed on April 30, 2014. There were no potential significant environmental impacts identified. The Final Mitigated Negative Declaration documents are available online at: <http://www.csub.edu/discover/index.html>.

The two Final Mitigated Negative Declarations prepared are presented to the board for review and adoption as part of this agenda item.

Recommendation

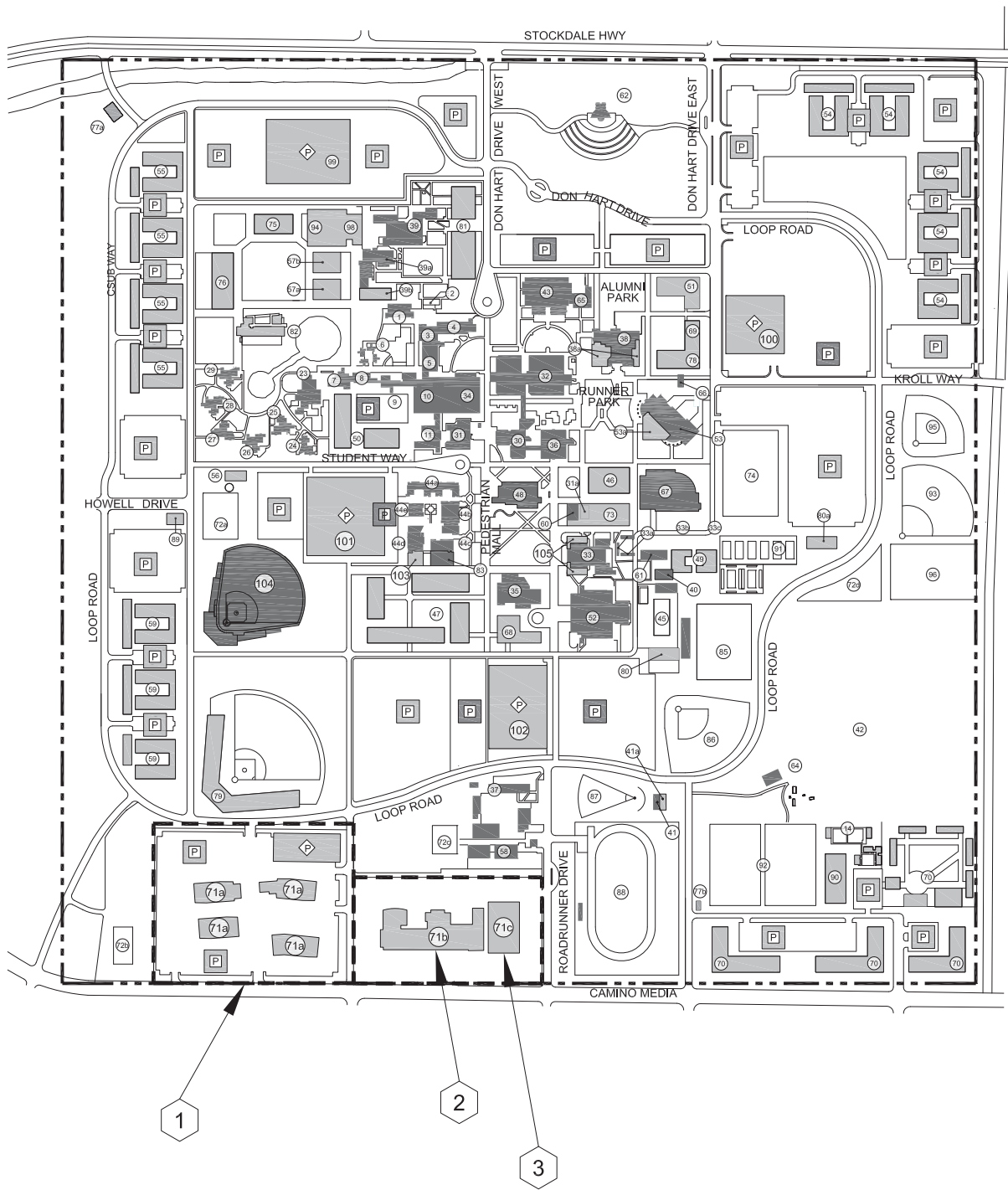
The following resolution is presented for approval:

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

1. The Office Park Final Initial Study/Mitigated Negative Declaration has been prepared to address any potential significant environmental impacts, mitigation measures, comments and responses to comments associated with approval of the California State University, Bakersfield Master Plan Revision, and all discretionary actions related thereto, as identified in the Final Initial Studies/Mitigated Negative Declaration for this project.
2. The Office Park Final Initial Study/Mitigated Negative Declaration was prepared pursuant to the California Environmental Quality Act and State CEQA Guidelines.
3. The Hotel and Conference Center Final Initial Study/Mitigated Negative Declaration has been prepared to address any potential significant environmental impacts, mitigation measures, comments and responses to comments associated with approval of the California State University, Bakersfield Master Plan Revision, and all discretionary actions related thereto, as identified in the Final Initial Studies/Mitigated Negative Declaration for this project.
4. The Hotel and Conference Center Final Initial Study/Mitigated Negative Declaration was prepared pursuant to the California Environmental Quality Act and State CEQA Guidelines.
5. This resolution is adopted pursuant to the requirements of Section 21081 of Public Resources Code and Section 15091 of the State CEQA Guidelines which require that the Board of Trustees make findings prior to the approval of a project that the mitigated projects as approved will not have a significant impact on the environment, that the projects will be constructed with the recommended mitigation measures as identified in the mitigation monitoring programs, and that the projects will benefit the California State University. The Board of Trustees makes such findings with regard to these projects.
6. The California State University, Bakersfield Campus Master Plan dated September 2014 is approved.

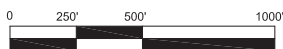
7. The chancellor is requested under the Delegation of Authority granted by the Board of Trustees to file a Notice of Determination for the California State University, Bakersfield Master Plan Revision associated with the proposed Office Park project in which an Initial Study/ Mitigated Negative Declaration was prepared.

8. The chancellor is requested under the Delegation of Authority granted by the Board of Trustees to file a Notice of Determination for the California State University, Bakersfield Master Plan Revision associated with the proposed Hotel and Conference Center project for which an Initial Study/Negative Declaration was prepared.



California State University Bakersfield

Campus Master Plan
 Master Plan Enrollment: 18,000 FTE
 Approval Date: September 1968
 Proposed Date: September 2014
 Main Campus Acreage: 376 Acres



Buildings	Campus Boundary	Parking
EXISTING BUILDING	EXISTING	EXISTING LOT
FUTURE BUILDING		FUTURE LOT
TEMPORARY BUILDING		FUTURE STRUCTURE

California State University - Bakersfield
 Proposed Master Plan

Master Plan Enrollment: 18,000 FTE

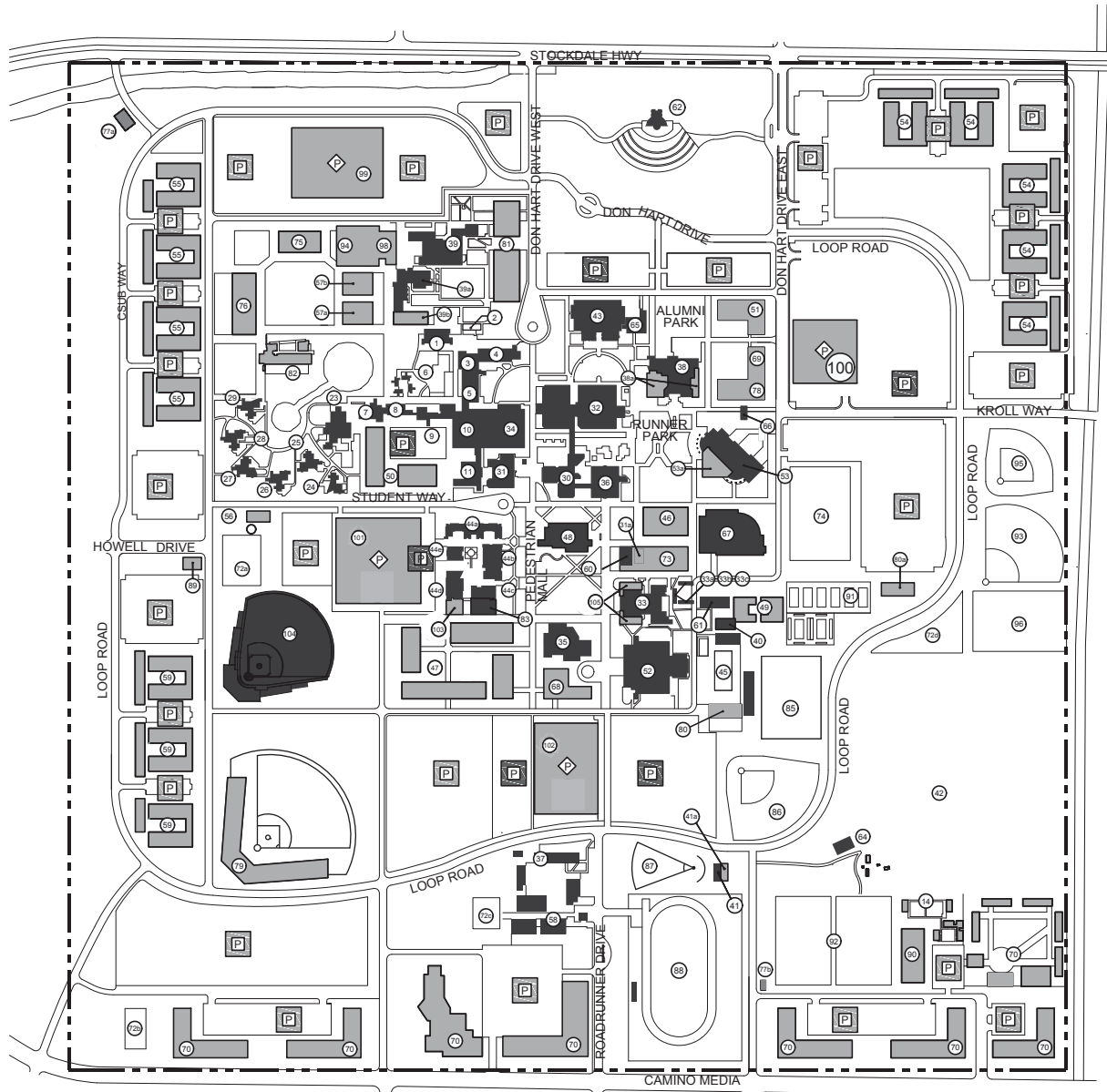
Master Plan approved by the Board of Trustees: September 1968

Master Plan Revision approved by the Board of Trustees: September 1970, January 1971,
 January 1973, May 1974, July 1975, February 1980, November 1980, January 1984, March 1984, September 1985,
 March 1987, January 1988, September 2007, September 2014

- | | |
|--|---|
| 1. Classroom Building | 55. Student Housing – Northwest |
| 2. Fine Arts | 56. Satellite Plant |
| 3. Lecture Building | 57a. Humanities Complex, Phase I |
| 4. Performing Arts | 57b. Humanities Complex, Phase II |
| 5. Administration East | 58. Well Core Repository |
| 6. Faculty Building | 59. Student Housing – Southwest |
| 7. University Advancement | 60. University Police |
| 8. Administration West | 61. John Antonino Sports Center |
| 9. Administration | 62. Amphitheater |
| 10. Student Services | 64. Facility for Animal Care and Treatment (F.A.C.T.) |
| 11. Plant Operations | 65. Computing/Telecom Center |
| 12. Shower-Locker | 66. Greenhouse |
| 13. Modular West | 67. Student Recreation Center |
| 14. Children's Center | 68. Student Health Center Expansion |
| 23. Dining Commons | 69. Foundation Office Building |
| 24. Residence Hall A | 70. Public-Private Partnership |
| 25. Residence Hall B | 71a. Office Park Public-Private Partnership |
| 26. Residence Hall C | 71b. Hotel Public-Private Partnership |
| 27. Residence Hall D | 71c. Conference Center Public-Private Partnership |
| 28. Residence Hall E | 72a-d. Retention Basin |
| 29. Residence Hall F | 73. Engineering |
| 30. Science I | 74. Intramural Sports Field No. 3 |
| 31. Paul F. Romberg Nursing Education Center | 75. Nursing Center |
| 31a. EOC/Testing Center | 76. Department of Nursing |
| 32. Dorothy Donohoe Hall | 77a. Information Center North |
| 33. Physical Education | 77b. Information Center South |
| 33a. P.E. Modular A | 78. Student Services No. 2 |
| 33b. P.E. Modular B | 79. NCAA Baseball Stadium |
| 33c. P.E. Modular C | 80. Outdoor P.E. Storage/Restroom |
| 34. Education | 80a. Outdoor P.E. Storage/Restroom |
| 35. Student Health Center | 81. Classroom/Office Building |
| 36. Science II | 82. New Art Center |
| 37. Corporation Yard/Warehouse | 83. Engineering Complex I |
| 38. Runner Café | 85. Competition Sports Field |
| 38a. Runner Café Addition | 86. Competition Softball Field |
| 39. Doré Theatre and Todd Madigan Art Gallery and Music Building Complex | 87. Competition Throwing Area/Field Events |
| 39a. Music Expansion Phase I | 88. Competition Track and Field |
| 39b. Music Expansion Phase II | 89. Police Department |
| 40. Handball Courts | 90. Education Building |
| 41. Outdoor P.E. Storage Building | 91. Competition Tennis Courts |
| 41a. Outdoor P.E. Storage Addition | 92. Intramural Sports Field No. 1 |
| 42. Environmental Studies Area | 93. Intramural Baseball Field No. 4 |
| 43. Walter W. Stiern Library | 94. Performing Arts II |
| 44a. Business Development Center Offices | 95. Intramural Softball Field No. 5 |
| 44b. Business Development Center Classrooms | 96. Competition Sports Field No. 2 |
| 44c. Extended University | 98. Black Box Theater |
| 44d. Rayburn S. Dezember Leadership Development Center | 99. Parking Structure No. 1 |
| 44e. Administration | 100. Parking Structure No. 2 |
| 45. J.R. Hillman Aquatic Center | 101. Parking Structure No. 3 |
| 46. Natural Sciences | 102. Parking Structure No. 4 |
| 47. Classroom/Office Complex | 103. Business Development Center Addition |
| 48. Science III | 104. Hardt Field |
| 49. Health Science and Physical Education | 105. Physical Education Addition |
| 50. Behavioral Sciences | |
| 51. Administration North | |
| 52. Jimmie and Marjorie Icardo Activities Center | |
| 53. Student Union/Bookstore | |
| 53a. Student Union/Bookstore Addition | |
| 54. Student Housing – Northeast | |

LEGEND:
 Existing Facility / Proposed Facility

NOTE: Existing building numbers correspond with building numbers in the Space and Facilities Data Base (SFDB)



California State University Bakersfield

Campus Master Plan
 Master Plan Enrollment: 18,000 FTE
 Approval Date: September 1968
 Revised Date: September 2007
 Main Campus Acreage: 376 Acres



Buildings	Campus Boundary	Parking
EXISTING BUILDING	EXISTING	EXISTING LOT
FUTURE BUILDING		FUTURE LOT
TEMPORARY BUILDING		FUTURE STRUCTURE

California State University - Bakersfield
 Master Plan Enrollment: 18,000 FTE
 Master Plan approved by the Board of Trustees: September 1968

Master Plan Revision approved by the Board of Trustees: September 1970, January 1971,
 January 1973, May 1974, July 1975, February 1980, November 1980, January 1984, March 1984, September 1985,
 March 1987, January 1988, September 2007

- | | |
|--|---|
| 1. Classroom Building | 53a. Student Union/Bookstore Addition |
| 2. Fine Arts | 54. Student Housing – Northeast |
| 3. Lecture Building | 55. Student Housing – Northwest |
| 4. Performing Arts | 56. Satellite Plant |
| 5. Administration East | 57a. Humanities Complex, Phase I |
| 6. Faculty Building | 57b. Humanities Complex, Phase II |
| 7. University Advancement | 58. Well Core Repository |
| 8. Administration West | 59. Student Housing – Southwest |
| 9. Administration | 60. University Police |
| 10. Student Services | 61. John Antonino Sports Center |
| 11. Plant Operations | 62. Amphitheater |
| 12. Shower-Locker | 64. Facility for Animal Care and Treatment (F.A.C.T.) |
| 13. Modular West | 65. Computing/Telecom Center |
| 14. Children's Center | 66. Greenhouse |
| 23. Dining Commons | 67. Student Recreation Center |
| 24. Residence Hall A | 68. Student Health Center Expansion |
| 25. Residence Hall B | 69. Foundation Office Building |
| 26. Residence Hall C | 70. Public-Private Partnership |
| 27. Residence Hall D | 72a-d. Retention Basin |
| 28. Residence Hall E | 73. Engineering |
| 29. Residence Hall F | 74. Intramural Sports Field No. 3 |
| 30. Science I | 75. Nursing Center |
| 31. Paul F. Romberg Nursing Education Center | 76. Department of Nursing |
| 31a. EOC/Testing Center | 77a. Information Center North |
| 32. Dorothy Donohoe Hall | 77b. Information Center South |
| 33. Physical Education | 78. Student Services No. 2 |
| 33a. P.E. Modular A | 79. NCAA Baseball Stadium |
| 33b. P.E. Modular B | 80. Outdoor P.E. Storage/Restroom |
| 33c. P.E. Modular C | 80a. Outdoor P.E. Storage/Restroom |
| 34. Education | 81. Classroom/Office Building |
| 35. Student Health Center | 82. New Art Center |
| 36. Science II | 83. Engineering Complex I |
| 37. Corporation Yard/Warehouse | 85. Competition Sports Field |
| 38. Runner Café | 86. Competition Softball Field |
| 38a. Runner Café Addition | 87. Competition Throwing Area/Field Events |
| 39. Doré Theatre and Todd Madigan Art Gallery and Music Building Complex | 88. Competition Track and Field |
| 39a. Music Expansion Phase I | 89. Police Department |
| 39b. Music Expansion Phase II | 90. Education Building |
| 40. Handball Courts | 91. Competition Tennis Courts |
| 41. Outdoor P.E. Storage Building | 92. Intramural Sports Field No. 1 |
| 41a. Outdoor P.E. Storage Addition | 93. Intramural Baseball Field No. 4 |
| 42. Environmental Studies Area | 94. Performing Arts II |
| 43. Walter W. Stiern Library | 95. Intramural Softball Field No. 5 |
| 44a. Business Development Center Offices | 96. Competition Sports Field No. 2 |
| 44b. Business Development Center Classrooms | 98. Black Box Theater |
| 44c. Extended University | 99. Parking Structure No. 1 |
| 44d. Rayburn S. Dezember Leadership Development Center | 100. Parking Structure No. 2 |
| 44e. Administration | 101. Parking Structure No. 3 |
| 45. J.R. Hillman Aquatic Center | 102. Parking Structure No. 4 |
| 46. Natural Sciences | 103. Business Development Center Addition |
| 47. Classroom/Office Complex | 104. Hardt Field |
| 48. Science III | 105. Physical Education Addition |
| 49. Health Science and Physical Education | |
| 50. Behavioral Sciences | |
| 51. Administration North | |
| 52. Jimmie and Marjorie Icardo Activities Center | |
| 53. Student Union/Bookstore | |

LEGEND:
 Existing Facility / Proposed Facility

NOTE: Existing building numbers correspond with building numbers in the Space and Facilities Data Base (SFDB)

COMMITTEE ON CAMPUS PLANNING, BUILDINGS AND GROUNDS

California State University Seismic Safety Program Biennial Report

Presentation By

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

Chuck Thiel Jr., PhD
President
Telesis Engineers

Summary

This item presents the California State University Seismic Safety Program Report for the July 2012 to June 2014 period.

Seismic Policy and History

In 1993, the CSU Board of Trustees adopted the following policy:

It is the policy of the Board of Trustees of the California State University, that to the maximum extent feasible by present earthquake engineering practice, to acquire, build, maintain, and rehabilitate buildings and other facilities that provide an acceptable level of earthquake safety for students, employees, and the public who occupy these buildings and other facilities at all locations where CSU operations and activities occur. The standard for new construction is that it meets the life-safety and seismic hazard objectives of the pertinent provisions of Title 24 of the California Code of Regulations; the standard for existing construction is that it provides reasonable life-safety protection, consistent with that for typical new buildings. The California State University shall cause to be performed independent technical peer reviews of the seismic aspects of all construction projects from their design initiation, including both new construction and remodeling, for conformance to good seismic resistant practices consistent with this policy. The feasibility of all construction projects shall include seismic safety implications and shall be determined by weighing the practicality and cost of protective measures against the severity and probability of injury resulting from seismic occurrences. [Approved by the Board of Trustees of the California State University at its May 19, 1993 meeting (RCPBG 05-93-13)]

Out of this policy, the CSU Seismic Review Board was established to provide advice on the ongoing seismic condition of the CSU building stock and technical counsel in how to effectively implement a seismic oversight program. Now celebrating its 20-year anniversary, the CSU Seismic Policy has improved and evolved, while the Seismic Review Board provides input to state building codes and is periodically asked to provide counsel and assessments on structural and seismic matters for other state agencies and institutions.

The CSU Seismic Review Board Membership

The following individuals serve as members of the CSU Seismic Review Board:

- Charles Thiel Jr., PhD, President, Telesis Engineers (Chairman)
- Theodore C. Zsutty, PhD, SE, Consulting Structural Engineer (Vice Chair)
- John Egan, GE, Principle Engineer, AMEC Geomatrix
- John A. Martin, Jr., SE, President, John A. Martin and Associates, Inc.
- Richard Niewiarowski, SE, Consulting Structural Engineer
- Thomas Sabol, PhD, SE, Principal, Englekirk and Sabol

Since its inception, board membership has been remarkably stable. In June 2013, Gregg Brandow, one of the original seismic review board members, elected to retire. As part of succession planning, the Seismic Review Board plans to identify several prospective candidates for consideration by the CSU for future appointment. The appointment is made by the Assistant Vice Chancellor, Capital Planning, Design and Construction.

CSU Seismic Mitigation and Program Activities

The California State University maintains an ongoing seismic mitigation and oversight effort comprised of five elements:

1. **Mitigate urgent falling hazard concerns.** Mitigate significant life-safety threats posed by falling hazards as a priority. The initial falling hazard concerns identified at the 23 campuses and off-campus centers in 1994 have been mitigated. There are no known falling hazard concerns outstanding.
2. **Identify, broadly prioritize and periodically re-evaluate existing seismic deficiencies.** The last comprehensive systemwide seismic assessment was completed in 2008. The buildings that pose a life-safety threat have been prioritized into two published listings: *Seismic Priority List 1* (Attachment A), which are buildings that should be retrofitted as soon as practical, and *Seismic Priority List 2* (Attachment B), which are buildings that trigger a seismic retrofit when any construction work other than maintenance is performed. Several of these deficiencies can be completed within the minor capital project cost threshold of

\$634,000; however, state capital budget constraints continue to limit available funding for these structural renovations.

Of the more than 200 buildings priority-listed since inception, the current published listing (revised November 15, 2013) contains 31 buildings for Priority List 1 and 42 buildings for Priority List 2. To accurately reflect existing conditions, projects are removed from the priority lists when required work is completed. The following projects were completed and removed from the Priority Lists during this reporting period:

- CSU Stanislaus – Science 1 – renovation completed.
- CSU East Bay – Warren Hall – building demolished.

The following projects merit special note:

CSU East Bay, Warren Hall. Long the CSU's most pressing seismic concern, Warren Hall was successfully imploded on August 17, 2013. The demolition afforded the opportunity for US Geologic Survey and allied groups to monitor the effects of the implosion to more comprehensively characterize the adjacent Hayward fault and geostrata. The Warren Hall Replacement Building project is currently in construction.

California State Polytechnic University, Pomona, Classroom/Laboratory and Administration (CLA) building. A partial replacement building (Administration Replacement Facility) was funded in the 2013-2014 state capital outlay budget. The project is currently in the design phase.

The success of CSU's Seismic Review Board has resulted in requests to provide technical support for University of California, and the California Department of General Services. The Seismic Review Board also works with the CSU to facilitate building code changes that support its capital program efforts. The Seismic Review Board participated in a voting capacity on the technical review committees that create the structural appendices (ASCE-41¹ and its successors) that are considered for code adoption. The Board continues to take a proactive role in this regard and provides technical input to the state in the development of future state building code requirements.

Various technical changes and updates were made during the reporting period to maintain the currency of the trustees' CSU Seismic Requirements. These requirements can be viewed at http://www.calstate.edu/cpdc/ae/Seismic/CSU_Seismic_Policy_Manual.pdf.

¹ American Society of Civil Engineers' Standard Number 41, Seismic Rehabilitation of Existing Buildings

3. **Provide peer review of the proposed structural design for all major construction.** While all CSU projects are evaluated for code compliance, projects over \$634,000 undergo a supplemental seismic peer review to further confirm and validate the design approach. The peer review is an engineer to engineer discussion and occurs throughout the design process to help ensure that proposed designs are conceptually and technically well-considered.
4. **Develop a Seismic Event Response Plan.** The CSU's current systemwide emergency response plan was updated and re-issued July 5, 2013. When a significant seismic event occurs, pre-defined CSU and Seismic Review Board actions are triggered. Initial damage assessments by campus first responders are promptly relayed to Chancellor's Office senior management and the CSU Building Official/Chief of Architecture and Engineering. The Seismic Review Board Chairman confers with potentially affected campuses to determine if an on-site presence by the Seismic Review Board is warranted. If so, the chair of the Seismic Review Board is pre-designated and empowered to act as a special Deputy Building Official to make campus police-enforceable building occupancy posting assessments in the immediate post-earthquake period regarding the safety of buildings where structural damage has occurred. Once initial life-safety assessments are made, follow-up structural repair strategies can be developed. View plan: http://www.calstate.edu/cpdc/ae/review/seismic_peer.shtml.

During the July 2012 to June 2014 reporting period there were no significant seismic events, however some lesser seismic shocks did occur in March 2014 and non-structural damage (i.e., minor cracking, fallen ceiling tile and books) caused the California State University, Fullerton campus to conduct a precautionary assessment with its assigned seismic peer reviewer to ascertain that larger structural issues were not present.

5. **Conduct seismic-related staff continuing education.** Systemwide training 'Managing CSU Code Compliance' was conducted in September 2013, and a session on comparative structural systems was presented in November 2013.

In summary, the CSU Seismic Review Board has served the California State University and the state with distinction for over 20 years. It works behind the scenes to provide highly actionable, interpretive counsel to the university on a complex and evolving technical subject. Its efforts have allowed the CSU to realize great efficiencies with its entrusted capital dollars while at the same time fostering the creation of engaging places that support the university's academic mission. In normal operations the Seismic Review Board acts in a timely manner; in times of a seismic event it stands ready to provide immediate counsel as part of a larger emergency response system. The CSU Seismic Review Board is highly regarded within the profession and is one example of a quiet success story within the CSU.

Recommendation

The following resolution is presented for approval:

WHEREAS, the California State University Seismic Review Board was established in 1993 and has provided twenty-one years of service implementing the seismic policy of the Board of Trustees; and

WHEREAS, the Seismic Review Board has provided advice on the seismic condition of university buildings and provided engineering expertise to effectively implement a seismic safety program; and

WHEREAS, the Seismic Review Board has provided technical input to the State of California in the development of building code requirements to promote seismic safety retrofits in building renovations; and

WHEREAS, the Seismic Review Board continues to be sought by other state agencies to provide engineering assessments; and

WHEREAS, the Seismic Review Board established a peer review protocol of proposed structural designs for all major construction to provide an engineer to engineer discussion throughout the design process; and

WHEREAS, the Seismic Review Board developed a comprehensive seismic event response plan to ensure an authoritative high level response to each event; and

WHEREAS, the Seismic Review Board has positively and significantly affected the life and safety of the students, faculty, staff and local community on the twenty-three campuses of the California State University, its off-campus centers and leased facilities through its sound application of seismic engineering principles; and now, therefore, be it

RESOLVED, that the Board of Trustees of the California State University commends the Seismic Review Board for its level of excellence in promoting seismic safety in facility construction and recognizes the Seismic Review Board's important contributions, thoughtful engineering analysis, and its individual members' generosity of time and efforts to further the mission of the California State University.

CSU Seismic Priority List 1
(Ordered by Campus)

This list identifies facilities that warrant urgent attention for seismic upgrade as soon as resources can be made available. Repair and maintenance work is allowed.

Campus	Building	Building #	Capital Outlay Notes
BA	Faculty Towers	6	P 2014-15 Request
BA	Physical Education (Old Gym)	33	-
BA	Doré Theatre	39	PWC Funded 2013-14 – In design
CI	Ironwood Hall ('SH' Shops – mid section)	24	No office use – storage only
DH	Leo F. Cain Library	20	P 2014-15 Request
EB	Library	12	P 2014-15 Request
EB	Corporation Yard	5	PWC 2016-17 Planned Request – No present office use
HU	Van Duzer Theatre (Theatre Arts)	10	PWC 2014-15 Request
HU	Library	41	PWC 2014-15 Request
LB	Liberal Arts 2	13	Under construction
LB	Liberal Arts 3	12	Under construction
LB	Liberal Arts 4	11	Under construction
LA	State Playhouse Theatre	1	PWC 2014-15 Request
LA	Administration	8	PWC Funded 2012-13 – In design
PO	Classroom/Lab/Administration	98	PWC 2015-16 Planned Request; replacement bldg. funded
PO	Kellogg West	76	PWCE 2016-17 Planned Request
SD	Love Library	54	PWCE 2018-19 Planned Request
SF	University Park South (F8 Carport and adjacent structures)	73-74	-
SF	University Park South (Apartment Building Parking Structure 41)	74	-
SF	Residence (Tiburon)	T-11	Potential Minor Capital Project
SF	Marine Support (Tiburon)	T-21	Potential Minor Capital Project
SF	Blacksmith Shop (Tiburon)	T-22	Potential Minor Capital Project
SF	Dispensary (Tiburon)	T-37	Potential Minor Capital Project
SF	Building 49 (Tiburon)	T-49	Potential Minor Capital Project
SF	Building 50 (Tiburon)	T-50	Potential Minor Capital Project
SF	Physiology (Tiburon)	T-54	Potential Minor Capital Project
SJ	North Parking Garage (Stair Towers)	53	Design complete
SJ	Student Union	3	Under construction
SJ	Rubis Residence (Moss Landing)	None	-
SL	Old Power House	76	Unoccupied
SL	Crandall Gymnasium	60	Unoccupied – PWC Funded 2012-13 – In design

P = Preliminary Plans W = Working Drawings C = Construction E = Equipment

NOTE: Existing building numbers correspond with building numbers in the Space and Facilities Data Base (SFDB).

CSU Seismic Priority List 2
(Ordered by Campus)

This list identifies buildings that warrant special attention for seismic upgrade. Buildings must be seismically retrofitted when any new construction work occurs on a listed facility. Repair and maintenance work is allowed.

Campus	Building	Building #	Capital Outlay Notes
BA	Runners Café	38	PWCE 2016-17 Planned Request
CI	Ironwood Hall (Old Power Plant)	24	-
CI	Chaparral Hall	22	P 2014-15 Request
CI	Ironwood Hall (Warehouse)	24	-
CI	Ironwood Hall ('SH' Shops – north section)	24	-
CH	Whitney Hall	13	-
CH	Physical Science	8	-
FR	Grosse Industrial Technology	12	-
FR	University Student Union	80	-
FL	Titan Bookstore	6	Preliminary design study complete
LB	Peterson Hall 1	37	PWC 2016-17 Planned Request
LB	Peterson Hall 2	38	PWC 2016-17 Planned Request
LA	Career Center	17	-
LA	Student Health Center	14	Preliminary design study complete
LA	Physical Sciences	12	P 2016-17 Planned Request
LA	John F. Kennedy Memorial Library	7	PWC 2018-19 Planned Request
PO	Administration	1	P 2016-17 Planned Request
PO	Letters, Arts and Social Science	5	PWC 2017-18 Planned Request
PO	Engineering	9	-
PO	Art/Engineering Annex	13	-
PO	Drama/Theater	25	-
PO	Arabian Horse Center	29	Potential Minor Capital Project
PO	Poultry Unit	31	Potential Minor Capital Project
PO	Sheep Unit	38	Potential Minor Capital Project
PO	Ag Storage/Blacksmith	50	Potential Minor Capital Project
PO	Los Olivos Commons	70	PWCE 2015-16 Planned Request
PO	Manor House	111	-
PO	University House	112	-
SA	Douglass Hall	4	-
SF	HSS Classroom Building (Old Humanities)	3	PWC 2018-19 Planned Request
SF	Administration	30	Long term shoring in place
SF	University Park North (Apartment Building 6)	100	-
SF	University Park North (Apartment Building 7)	100	-
SF	University Park North (Apartment Building 8)	100	-
SF	University Park North (Apartment Building 9)	100	-
SF	Administration (Tiburon)	T-30	Potential Minor Capital Project
SF	Rockfish (Tiburon)	T-33	Potential Minor Capital Project
SJ	Yoshihiro Uchida Hall	45	Under construction
SJ	Yoshihiro Uchida Hall Annex	45a	Under construction
SJ	SPX East	46	Under construction
SJ	SPX Central	47	Under construction
ST	J. Burton Vasche Library	1	P 2014-15 Request

P = Preliminary Plans W = Working Drawings C = Construction E = Equipment

NOTE: Existing building numbers correspond with building numbers in the Space and Facilities Data Base (SFDB).