

BOARD REPORTS AND BOARD PRESENTATIONS

[July 13, 2011 2013-2017 Five-Year Capital Construction Plan](#)

[August 10, 2011 Unmet Needs Presentation](#)

[June 27, 2012 2014-2018 Five-Year Capital Construction Plan](#)

[June 17, 2013 2015-2019 Five-Year Capital Construction Plan](#)

[June 25, 2014 2016-2020 Five-Year Capital Construction Plan](#)

[July 9, 2014 Board Retreat Capital Technology Needs \(\\$388M\) Presentation](#)

[July 9, 2014 Board Retreat Capital Technology Needs \(\\$477M\) Presentation](#)

[March 25, 2015 CAN B1 Lease-Leaseback Contract Award](#)

[June 24, 2015 2017-2021 Five-Year Capital Construction Plan](#)

[June 22, 2016 2018-2022 Five-Year Capital Construction Plan](#)

[August 24, 2016 CAN B1 Design-Build Selection Process](#)

[September 14, 2016 CAN B1 Design-Build Contract Award](#)

[October 26, 2016 CAN B1 Design Update \(with Presentation\)](#)

[June 28, 2017 2019-2023 Five-Year Capital Construction Plan](#)

[January 24, 2018 Capital Improvement Program Info Update \(with Presentation\)](#)

[July 25, 2018 2020-2024 Five-Year Capital Construction Plan](#)

[December 12, 2018 CAN B1 Contract Augmentation](#)

[June 26, 2019 2021-2025 Five-Year Capital Construction Plan](#)

BOARD REPORT NO. 11-7-101B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: Rick Bennett, Executive Director, Construction Planning, 358-6752

APPROVAL OF 2013-2017 FIVE-YEAR CAPITAL CONSTRUCTION PLAN

On August 18, 2010 (Board Report No. 10-8-101B), the Board authorized submittal of the District's 2012-2016 Five-Year Capital Construction Plan (5YCP) and the related Initial Project Proposals (IPP's) and Final Project Proposals (FPP's) to the California Community Colleges Chancellor's Office (CCCCO). The authorization is in accordance with the Community College Construction Act and both the Education Code Section 81800, *et seq.*, and State Administrative Manual 6610. The plan constitutes the first part of the capital outlay proposal process and was prepared according to current guidelines.

During this year's planning period, the District has also engaged in updating the Facilities Master Plans (FMP) for the three Colleges. The 5YCP and FMP processes have proceeded concurrently and staff has worked collaboratively to insure that each planning process is informed by and reflects the work of both efforts. The FMP process is a macro-level process, the results of which do not provide adequate detail for entry into the 5YCP.

The CCCCCO reviews and evaluates submitted plans for conformance to existing guidelines and potential for funding. Generally, this review is complete and project approvals are communicated to the District during the Fall following submittal. This year, the CCCCCO review is ongoing, and as a result the CCCCCO has extended the submittal deadline for the 2013-2017 Five Year Capital Construction Plan from the customary date of July 1 to August 1, 2011.

Competition is increasingly fierce in light of the Legislature's decisions not to put statewide bonds on the November 2008 and November 2010 ballots and it is unlikely there will be a November 2012 statewide bond. Because of the lack of a statewide bond, in 2008 the CCCCCO un-approved two years' worth of projects (including six District projects) previously approved for the 2009-2010 and 2010-2011 funding cycles. With these projects, along with those submitted in 2009 and 2010, a significant and growing backlog of projects is now competing for limited funding. With the majority of this funding guaranteed for life-safety projects, the San Mateo County Community College District was fortunate the CCCCCO has indicated our FPP's for the modernization of Cañada College's Physical Education Conversion and Renovation (Building 1), College of San Mateo Building 8 Gym Modernization Project and the Skyline College Center for Kinesiology and Human Performance will appear on the list of approved projects. Funding for all of these projects is dependent upon a future statewide bond. Although these projects are listed as approved for fiscal year 2012-13 funding, the CCCCCO has indicated that there are no current plans to include a statewide bond measure on the November 2012 ballot. This raises questions as to how these approved fiscal year 2012-13 projects will be treated. It is possible that these projects will be 'un-approved' as occurred in 2008.

In the absence of any formal communication from the CCCCCO regarding the status of IPP's and FPP's submitted in September of 2010, and the backlog of approved but unfunded projects, the District has elected not to move forward with any new start IPP's or FPP's for this submittal. The previously submitted and approved FPP's that are as yet unfunded have been updated to insure scope and cost information and assigned priority are still accurate and relevant. In preparing and submitting the 2013-2017 plan, the District maintains its priorities with regard to funding improvements for (1) buildings and facilities, (2) improvements and modifications to meet the needs of the physically limited, and (3) response to safety concerns.

This report is broken down into four categories:

- I. Locally funded projects now underway
- II. Fiscal Year 2011-2015 State Capital Outlay Projects (Approved, State funding available)
- III. Fiscal Year 2012-2016 State Capital Outlay Projects (Approved, but State funding not available)
- IV. Fiscal Year 2013-2017 Re-submitted Final Project Proposals (FPP's) and Initial Project Proposals (IPP's)

Each project is described under these sections and this report is meant to give the Board a detailed understanding of the projects anticipated to be implemented in the 2013-2017 timeframe.

I. Locally-funded projects now underway

COLLEGE OF SAN MATEO CIP2 DESIGN-BUILD PROJECT

Project Description: This multi-component project was delivered using the design-build delivery method, wherein a design-build contractor is hired to provide the design, as well as construction, of the project. The project includes demolition of Buildings 5, 6, 10, 11 and 13, since these buildings have exceeded their useful service lives and their locations are desirable for new buildings. Replacement buildings 5 and 10 have been constructed in the approximate footprints of the existing buildings. The project also includes major improvements to the exterior areas of the campus, a new central chiller plant, and reconstruction/improvements to the 12kV electrical distribution system.

Health and Wellness Building 5 is the new home for Workforce programs, including Dental Assisting, Nursing and Cosmetology, as well as the new home for Wellness and Aquatics. The location at the south end of the campus is convenient for the community members who are patrons of these programs. One such program is the San Mateo Athletic Club, which has public memberships currently exceeding 3000 members, producing a new revenue stream and reinforcing the already cohesive relationship between the local community and the College. The Athletic Club includes new space and equipment for the successful Adapted Physical Education Program. The Aquatic Center is comprised of a 50 meter competition pool and a second pool for Adapted P.E., aquatic instruction, competition warm-ups, as well as additional community involvement for local swim clubs and competitions. These programs will thrive and grow in this new building, with state of the art equipment and adjacencies to each other that will foster interactions and synergy.

College Center Building 10 is located near the center of campus, placing critical student services at the heart of the campus alongside faculty, staff and division offices, general instruction classrooms and the Digital Media program. Building 10 embodies CSM's collaborative nature and student-oriented service philosophy to strengthen student convenience and access as well as encouraging interdisciplinary faculty dialogue and interactions between faculty and students. The facility unites Student Services into a "One-Stop Shop," including Admissions, Career Services, Counseling, Financial Aid, Disabled Students Programs & Services, Student Activities, Welcome Center,

Cafeteria, and Bookstore. This One-Stop-Shop approach includes the new Learning Center (LC), a centralized tutorial and student support lab where students can get assistance across the disciplines, from writing and mathematics to speech communication and foreign languages, and provides an inspired learning environment where students feel comfortable giving and receiving academic assistance.

Both new buildings pursued LEED (Leadership in Energy and Environmental Design) Certification, demonstrating CSM's commitment to sustainable building design and construction. Health and Wellness Building 5 has been awarded the LEED Gold certification, and College Center Building 10 is anticipated to also achieve LEED Gold certification.

Total Project Cost: The total project cost is \$225 million and is funded by Measure A general obligation bond funds

Status: The project is substantially complete, with punch-list and close-out ongoing. The project will be removed from the five year plan when the buildings have been entered into the active space inventory for the college in October 2011.

SKYLINE COLLEGE CIP2 DESIGN-BUILD PROJECT

Project Description: This multi-component project was delivered using the design-build construction method and continued the process of reinvigorating the facilities of Skyline College. The new buildings and major improvements to exterior areas of the campus delivered by the Skyline CIP2 Design-Build Project completed the renaissance.

Completed in March, 2011 Building 4 is the new home of the Cosmetology and Esthetician programs and expands the general classroom offerings of the College. It is also the new home for the active Skyline Multi-Cultural groups, as well as Learning Communities, Workforce programs and Skyline's Administrative Offices. The building functions as a magnet for a diverse constituency of students, faculty, staff, business persons, and visitors. The building is visually and physically engaging, promoting interaction among campus communities and increasing awareness of College programs available to students. It serves as a place to host special events and foster student interaction through formal and informal gatherings. New Building 4 anticipates award of LEED Gold certification, demonstrating Skyline College's commitment to sustainable building design and construction.

Completed in May 2011, Building 11 allows the Automotive curriculum to expand by providing facilities for training in Automatic Transmission repair. This new building includes seven service bays, which simulate operations within a commercial automotive repair facility.

Skyline College's campus exterior has been revamped to take advantage of the existing forest-like and grassland setting. The new landmark entries off Skyline Boulevard and Sharp Park Road provide gateways to a lively campus where students and the community feel inspired to participate in College activities, with gathering spaces acting as centers of concentrated activity and energy.

Total Project Cost: The total project cost is \$88 million and is funded by Measure A general obligation bond funds.

Status: The project is now substantially complete, with punch-list and close-out ongoing. The project will be removed from the five year plan when they have been entered into the active space inventory for the college in October 2011.

COLLEGE OF SAN MATEO EDISON PARKING LOT PROJECT

Project Description: Building 20 and the associated greenhouses are nearly 50 years old, in great disrepair, non-ADA compliant and grossly underutilized (programs that had been located there have moved to the new College Center). The Horticulture program has been on hiatus for the past two years due to budget cuts and the Floristry program serves 4.3 full time equivalent students, most of whom are non-majors. In addition, the one classroom located in Building 20 is not needed due to the fact that the College has added approximately 41,750 sq. ft. of new classroom, lab and office space over the past eight years. The District's facilities condition database indicates that all building systems in Building 20 are beyond their service life, except for the floor slab, exterior walls and roof. The FCI Facilities Condition Index for Building 20 is 68.36%, which indicates it is in very poor condition.

As a result, the Administration decided that it would be best to demolish Building 20 and the associated greenhouses; construct approximately 125-200 parking spaces (replacing 30-40 spaces now there); and retain a garden area to be used by science classes. Due to the opening of the new Building 10, new parking spaces on the east side of campus are definitely needed. The garden area (which currently is in great disrepair due to years of neglect) can be used for the plant species that are most critical to the College's biological sciences programs.

Total Project Cost: This project has an estimated cost of \$2.5 million and is funded by Measure A general obligation bond funds.

Status: The District has received proposals to design and build the project, which are now under review.

CAÑADA COLLEGE BUILDING 5 – CAFETERIA DINING ROOM PROJECT

Project Description: As the final piece in the modernization of Buildings 5 and 6, the goal of the Cañada College Cafeteria Dining Room project is to revitalize the dining room space and make it a destination for students at Cañada. The remodel will bring an active, architecturally interesting area for students to congregate, study and socialize. The addition of the Career Center and the new Student Lounge will make this area a hub of activity and provide Cañada with a Student Center. The finishes highlighted by wood accents, large pendant lighting fixtures, soffits and angled wing walls will soften the space, enhance the acoustics and take away the "old school" cafeteria feel. A new large video wall will help attract students to the dining room, bringing a modern look to the College.

Total Project Cost: The estimated cost of this project is \$350,000 and is funded by Measure A general obligation bond funds.

Status: The project is in design with occupancy planned for Spring 2012.

COLLEGE OF SAN MATEO BUILDINGS 9/12/15/17/34/HILLSDALE PARKING LOT MODERNIZATION PROJECT

Project Description: Modernization of Buildings 12, 15, 17 included replacement of mechanical, electrical and plumbing systems, accessibility upgrades, and new architectural finishes. The Building 9 work included reconstruction of the multi-stall restrooms.

The Building 34 modernization includes building out spaces for Fire Science apparatus and equipment storage, College Mail and Receiving, and temporary swing space for the Information Technology Services Department.

Hillsdale Parking Lot repairs will render the parking lot suitable for anticipated full capacity use while the northern parking lots are under construction as part of the North Gateway Part II project.

Total Project Cost: The estimated cost of this project is \$19 million and is funded by Measure A general obligation bond funds.

Status: Buildings 9, 12, 15 and 17 are complete and occupied. Building 34 and the Hillsdale Parking Lot are under construction and will be occupied late summer 2011.

II. Current State Capital Outlay Projects (Approved, State Funding Available)

CAÑADA COLLEGE BUILDINGS 5 & 6 – REACTIVATION OF ACADEMIC FACILITIES AND CODE COMPLIANCE UPGRADES

Project Description: This project will convert approximately 17,124 ASF in Buildings 5 and 6, vacated as a result of the new Library/Learning Resource Center/Student Services Facility. Accessibility upgrades are required as a condition of extensive modernization, and will be accomplished via this project along with the creation of new classrooms, assembly spaces and major building systems upgrades. Also included in the project is the addition of 1,400 GSF of new construction associated with a new elevator to improve access to the buildings. Renovations to the Cañada cafeteria are expected to transform this space into a vibrant location for student interaction.

Total Project Cost: The total cost of this project is \$15.561 million. State Capital Outlay funds of \$4.9 million have been approved by the CCCCO, supplemented by \$10.661 million in Measure A general obligation bond funds.

Status: The project construction has been completed; furniture and fixture installation is in process, with occupancy planned for Summer/Fall 2011.

CAÑADA COLLEGE - ELECTRICAL INFRASTRUCTURE REPLACEMENT

Project Description: This project will correct the safety and serviceability deficiencies of the aged electrical infrastructure at Canada College which was constructed in the 1960's.

The aging power infrastructure has deteriorated to the point where failures are increasingly common. This poses the potential of disruptions to College operations, including class cancellations, property damage, loss of data, compromised ongoing science experiments, diminished employee productivity, recovery costs, and mental anguish and stress among students, faculty and staff. The code compliance and safety violations present significant liability risk of losses to life and property. This

FPP received State funding to replace the critical components of the electrical power infrastructure as part of a priority A-4 Immediate Infrastructure Failure project.

Total Project Cost: This project has an estimated cost of \$4.6 million. State Capital Outlay funds of \$3.8 million have been approved by the CCCCCO, supplemented by \$.8 million in Measure A general obligation bond funds.

Status: Construction is scheduled for completion February 2012.

COLLEGE OF SAN MATEO NORTH GATEWAY PROJECT

Project Description: This project will remove seismic hazards from the College of San Mateo. Four buildings on the CSM campus, Buildings 21, 23, 25, and 27, have been rated F in a seismic survey and by recent additional structural analysis. Some of the buildings contain hazardous materials, which could be widely dispersed in the event of a structural collapse. The project proposes to remove these dangers through demolition of Buildings 21-29 and to repair and reconfigure the site with accessible pathways, re-creating parking lots 9 and 10, refreshed landscaping, installation of energy efficient LED lighting and a performance/gathering venue. Additionally, load center #4 of the site's main electrical distribution system is in need of replacement due to safety concerns stemming from water infiltration into the vault. The creation of new load center #8 will allow the contractors to safely disable the electrical system prior to the demolition of the buildings.

Total Project Cost: This project has an estimated cost of \$18.552 million. State Capital Outlay funds of \$10.9 million have been approved by the CCCCCO, supplemented by \$7.6 million in Measure A general obligation bond funds.

Status: Phase I, Load Center #8 commenced in December 2010. The new Load Center #8 has been constructed, installation of electrical equipment has been completed and the electrical cutover from Load Center #4 to Load Center #8 occurred in June. All Phase I work is scheduled to be complete by August 2011.

The second phase of the project, including demolition of Buildings 21-29, and the balance of the work described above is scheduled to be awarded in August 2011. Construction work will commence in August and is anticipated to be complete by September 2012.

SKYLINE COLLEGE - ELECTRICAL INFRASTRUCTURE REPLACEMENT

Project Description: This project will replace underground Load Center #2 with a new above-grade pad-mounted load center as a priority A-4 Immediate Infrastructure Failure Project. The electrical infrastructure at Skyline College was constructed in the 1960's. Critical components have deteriorated and are no longer code compliant.

The aging power infrastructure has deteriorated to the point where failures are increasingly common, occurring several times a year. This creates significant disruptions to college operations, including class cancellations, property damage, loss of data, compromised science experiments, diminished employee productivity, recovery costs, and mental anguish and stress among students, faculty and staff. This FPP received State funding to replace the critical components of the electrical power infrastructure as part of a priority A-4 Immediate Infrastructure Failure project.

Total Project Cost: This project has an estimated cost of \$2.083 million. State Capital Outlay funds of \$1.353 million have been approved by the CCCCCO, supplemented by \$730 thousand in Measure A general obligation bond funds.

Status: Construction is scheduled for completion February 2012.

III. Current State Capital Outlay Projects (Approved, but State Funding Not Available)

CAÑADA COLLEGE BUILDING 13 – MULTIPLE PROGRAM INSTRUCTIONAL CENTER

Project Description: This project involves the modernization of the academic classroom Building 13. The building was one of the original instructional buildings built on the Cañada campus in 1968. The project proposes code upgrades to 12,110 gross square feet of restroom facilities, corridors and vertical circulation systems. The modernization will serve several purposes. This modernization will improve facility accessibility for ADA compliance and replace building finishes and components that have exceeded their service life expectancy. The project will replace the mechanical and electrical systems. Modernization of faculty offices is a part of this proposed project.

Total Project Cost: The reconstruction of this facility has an estimated total project cost of \$17.755 million, with \$9.081 million requested from State Capital Outlay funding supplemented by \$8.674 million in local funds.

Status: Based on the assumption that a statewide bond passes in November 2012 and the CCCCCO authorizes the project to proceed, design would commence in late 2012 with construction starting in 2014. Assuming State Capital Outlay funding is secured, the facility would be ready for use in 2015-2016.

COLLEGE OF SAN MATEO BUILDING 8 – GYM MODERNIZATION

Project Description: This project modernizes the 48 year old Gym on the College of San Mateo campus. The Gymnasium was constructed in 1963 and was among the first buildings built on the site. It has never undergone any major renovations or remodeling for the past 48 years. There have been substantial changes in the program, code compliance issues, and infrastructure issues that require attention. This project addresses these conditions and will increase the energy efficiency of the building as a whole.

Total Project Budget: The total project budget is estimated to be \$20.881 million, with \$13.245 million in requested State Capital Outlay funding, supplemented by \$7.536 million in local funds.

Status: Based on the assumption that a statewide bond passes in November 2012 and the CCCCCO authorizes the project to proceed, design would commence in late 2012 with construction starting in 2014. Assuming State Capital Outlay funding is secured, the facility would be ready for use in 2015-2016.

SKYLINE COLLEGE WORKFORCE DEVELOPMENT AND ECONOMIC PROSPERITY CENTER

Project Description: This project provides a readily accessible integrated service center that responds to the need to link services, benefits, opportunities, and instruction to build on the State's investment in workforce and economic development and to strengthen the connections of the public to benefits and opportunities that help build personal and community economic sustainability. In

particular, it addresses the specific needs of students by linking their educational experience with the job market and long term careers. The services consist of three strands: employment/career services, income/work supports, and financial services/asset building.

This 14,520 ASF facility includes a job placement center, resource libraries, international trade and development center, center for workforce development, and an English language institute. To be located in Building 2, part of the project includes activating 7,897 ASF of unassigned space.

Total Project Budget: The total project budget is estimated to be \$24.247 million, with \$17.102 million in requested State Capital Outlay funding, supplemented by \$7.145 million in local funds.

Status: Based on the assumption that a statewide bond passes in November 2012 and the CCCCCO authorizes the project to proceed, design would commence in late 2012 with construction starting in 2014. Assuming State Capital Outlay funding is secured, the facility would be ready for use in 2015-2016.

IV. Fiscal Year 2013-2017 Final and Initial Project Proposals

The District's 2013-2017 Five-Year-Capital Construction Plan includes three Final Project Proposals (FPP's) for fiscal year 2013-2014 (these FPP's were submitted in prior years and are now being re-submitted), and three Initial Project Proposals (IPP's) for fiscal year 2014-2015 funding.

CAÑADA COLLEGE CENTER FOR KINESIOLOGY AND DANCE

Project Description: The CCCCCO previously approved this FPP under the project name "Building 1 Physical Education Conversion & Code Compliance Upgrade." At the request of the College, the FPP was revisited prior to resubmittal this year to ensure that it reflects current needs and priorities of the college, and was renamed as part of this process. This current proposal includes renovation of the existing 43 year old Building 1, the Physical Education Building, into a modernized facility that supports the academic programs offered by the College. These programs include the completion of certificate degrees and transfers in Kinesiology, Fitness Professional, and Dance. The project remodels the old physical education spaces into a new Center for Kinesiology and Dance and improves the current academic programs. The project will upgrade existing locker rooms to meet accessibility codes and to comply with Title IX¹ requirements. In addition, this project will add a classroom dedicated to the advancement of the Kinesiology and Fitness Professional programs.

Total Project Cost: The estimated cost of this project is \$19.862 million, with \$15.890 million in requested State Capital Outlay funding, supplemented by \$3.972 million in local funds.

Status: Based on the assumption that the CCCCCO again authorizes the project to proceed, and funding is secured via a new statewide bond in 2012, design would commence in late 2013 with construction starting in 2015. Assuming funding is available from the state, the facility would be ready for use in 2016-2017.

¹ Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

COLLEGE OF SAN MATEO BUILDING 19 – EMERGING TECHNOLOGIES CENTER

Project Description: This FPP includes modernization of Building 19 to allow for the consolidation and centralization of highly active technology programs in Computer Information Science (CIS), Electronics, Engineering, Architecture, Building Technology, and Computer Aided Drafting. The building will support the mission of integrative learning wherein departments actively blend curricula and faculty to bring different disciplines together to work on projects. The Technology building will be home to Engineering, Architecture, Drafting, Electronics, Computer Information Sciences, and Building Inspection. The proximity of these disciplines will provide a unique opportunity to simulate industry's "Architecture, Engineering, and Construction" (A/E/C) process model for both large and small projects.

Students enrolled in programs in this facility will be trained to transfer to more advanced programs in architecture, engineering and building technology at the university level or will be able to join the local Bay Area job market in advanced computer technology, electronics, engineering and building technology fields. The College and the District will form partnerships with local industry to develop more directed areas of study that fit the needs of local employers and better develop the students' capability toward skilled and professional advancement.

Total Project Cost: The total project cost is \$24.338 million, with \$14.847 million requested State Capital Outlay funding, supplemented by \$9.491 million in local funds.

Status: Based on the assumption that the CCCC O again authorizes the project to proceed, and funding is secured via a new statewide bond in 2012, design would commence in late 2013 with construction starting in 2015. Assuming funding is available from the State, the facility would be ready for use in 2016-2017.

CAÑADA COLLEGE BUILDING 3 – PERFORMING ARTS CENTER TECHNOLOGY AND ENVIRONMENTAL MODERNIZATION

Project description: This IPP addresses academic issues brought about by changes in the strategies of teaching over the past two decades. Significant changes have occurred in the technologies that support the teaching of the Fine Arts, especially Photography, as well as Theatre and Theatre support areas. Lighting, sound systems and backstage support rooms require renovation in order to properly train students in the use of these new methodologies. Also, the building infrastructure is overburdened and needs upgrading to support the new technologies. This IPP proposes to upgrade this facility to bring it up to current teaching standards in its academic arena.

Total Project Cost: The estimated cost of this project is \$2.874 million, with \$2.007 million requested State Capital Outlay funding, supplemented by \$867 thousand in local funds.

Status: The District is preparing to re-submit this project to the State for first year funding as a fiscal year 2014-15 IPP.

COLLEGE OF SAN MATEO BUILDING 12 MODERNIZATION

Project Description: Building 12 is more than 45 years old and is the last building standing of the four that once housed science programs at the College of San Mateo. In 2004, the College undertook construction of a new science facility using local bond funds to accommodate changing programmatic needs and provide safer science facilities. After completion of the new facility, the space in Building 12 was classified as 'Unassigned' Room Type 050. As part of the Master Plan for

reinvigoration of this campus, it is the intent of the College to renovate this inactive space to serve the growing requirement for multi-discipline lab and lab serve facilities. The existing electrical, plumbing, HVAC, data and security systems have exceeded their life cycle and serviceability. This project seeks to renovate & remodel approximately 8,990 assignable square feet of 'inactive' space for instructional and support facilities.

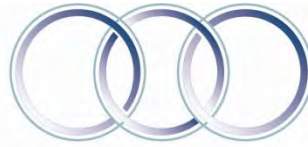
In addition, the project provides elevator upgrades to address accessibility issues.

Total Project Cost: The total estimated project cost is \$5.047 million, with \$4.037 million requested State Capital Outlay funding, supplemented by \$1.010 million in local funds.

Status: The District is preparing to re-submit this project to the state for first year funding as a fiscal year 2014-15 IPP.

RECOMMENDATION

It is recommended that the Board of Trustees authorize submission of the District's 2013-2017 Five-Year Capital Construction Plan to the California Community Colleges Chancellor's Office, along with related Final Project Proposals seeking State Capital Outlay Funding.



SAN MATEO COUNTY
COMMUNITY COLLEGE DISTRICT

UNMET NEEDS

AUGUST 10, 2011

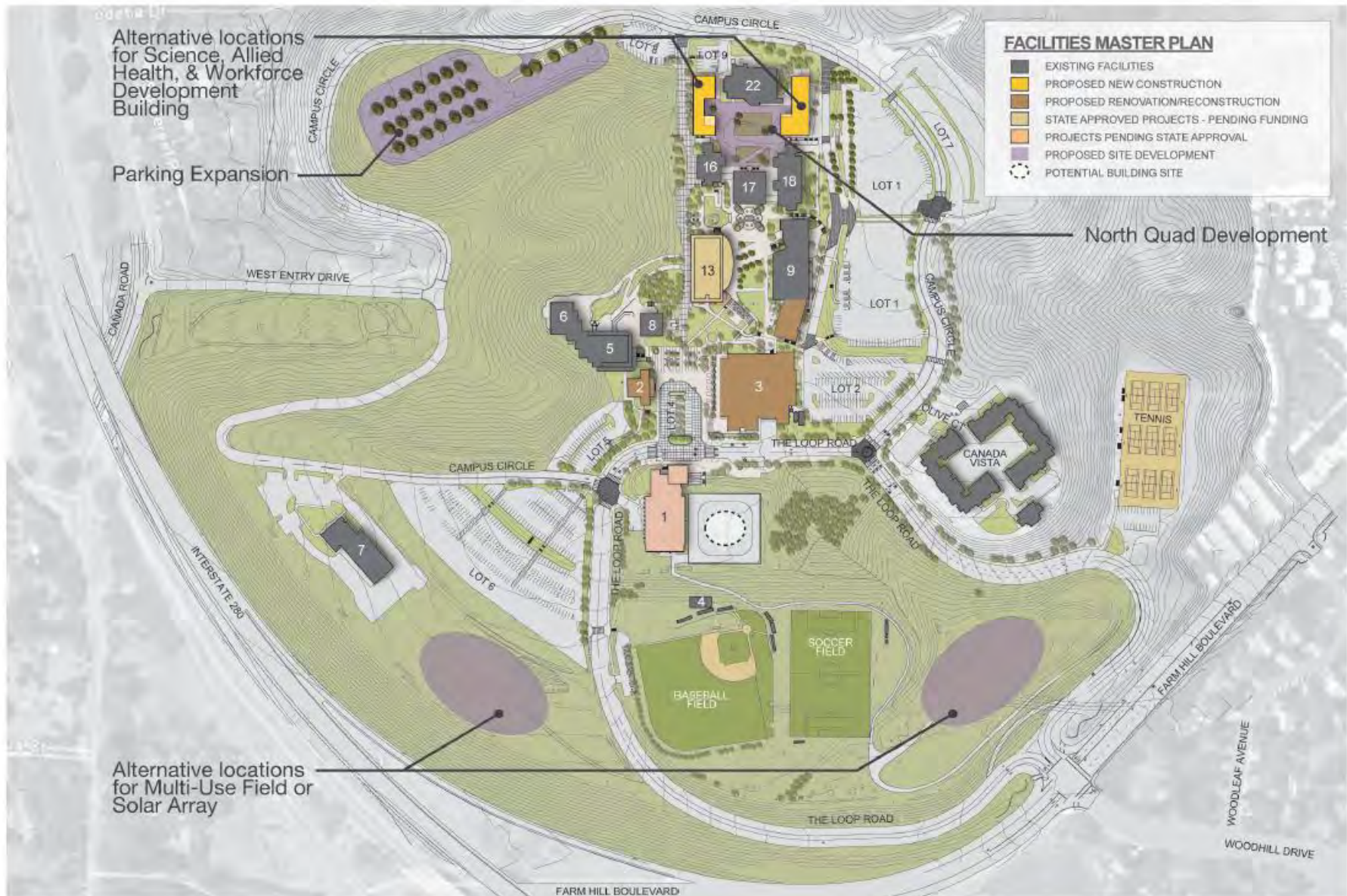
Proposed Projects



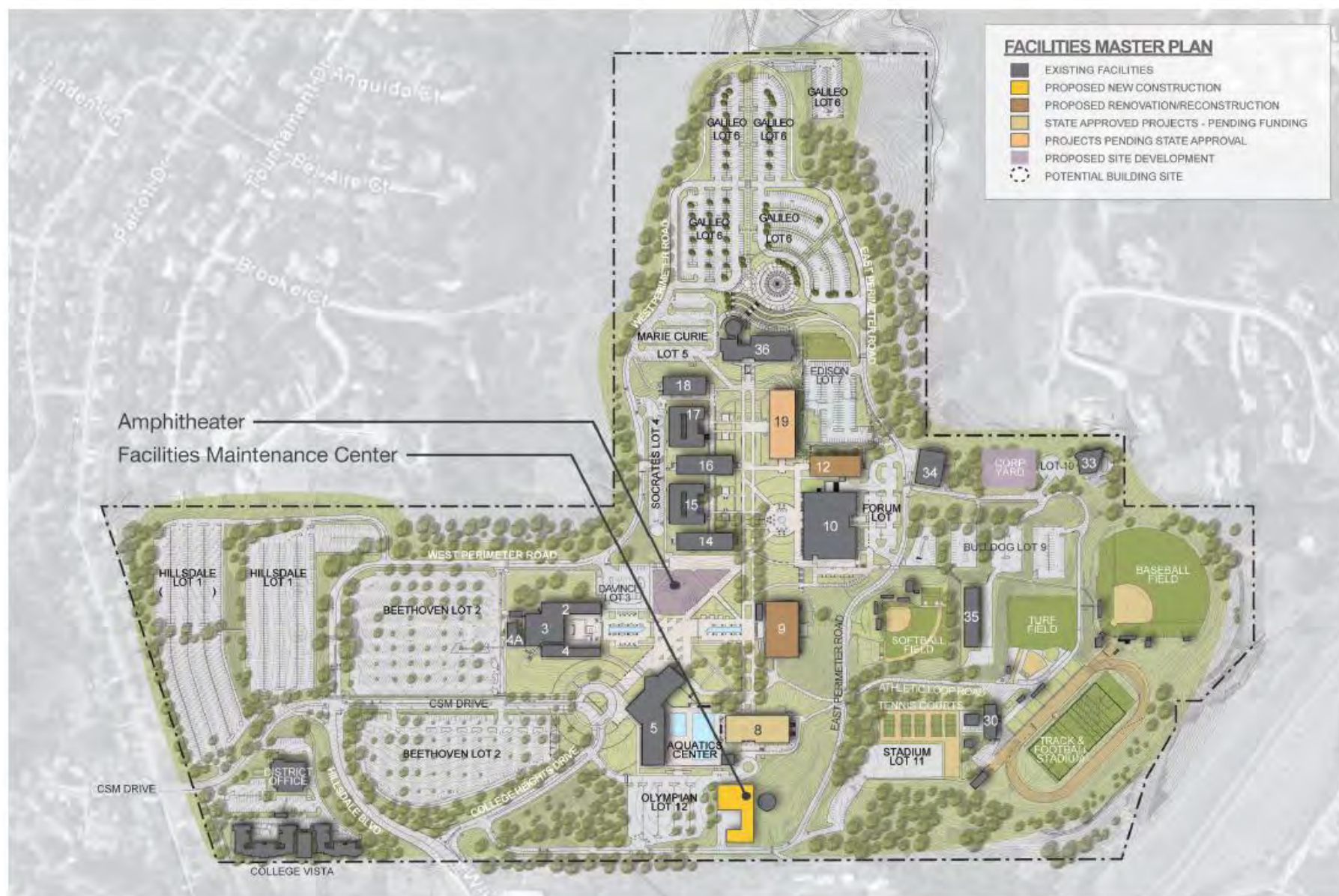
College of San Mateo



Cañada College Facilities Master Plan 2011



College of San Mateo Facilities Master Plan 2011



Skyline College Facilities Master Plan 2011



District Wide & College Unmet Needs Summary

Facility	Funding Needed
Cañada College	\$114,900,000
College of San Mateo	\$146,053,000
Skyline College	\$140,164,000
District Wide	\$162,725,000
<i>Grand Total:</i>	<i>\$563,842,000</i>

Cañada College Unmet Needs

Project	Bldg#	Funding Needed	Description
Physical Education & Athletics Building	1	\$20,000,000	Modernization & New Construction
Humanities/Arts/Theater Building	3	\$8,000,000	Modernization
Academic/Technical Building	13	\$20,000,000	Modernization
Renewable and Alternative Energy Projects	n/a	\$10,000,000	n/a
North Quad Development	n/a	\$4,500,000	New Construction
Future Science/Allied Health/Workforce Development Building	TBD	\$40,000,000	New Construction
Kinesiology Program	2	4,900,000	Modernization
Renovation of south wing, ground floor of Library/Student Services Building	9	4,500,000	Modernization
Northwest Campus Development	19,20,21	\$3,000,000	Modernization
Subtotal:		\$114,900,000	

College of San Mateo Unmet Needs

Project	Bldg#	Funding Needed	Description
Science Labs	12	\$8,400,000	Modernization
Emerging Technologies Program	19	\$28,000,000	Modernization
Exterior Amphitheatre/ Demolish B1	1	\$6,500,000	Demolition & New Construction
Library Modernization	9	\$15,000,000	Modernization
Gymnasium Building	8	\$25,000,000	Modernization & Expansion
Theatre Improvements	2, 3	\$5,000,000	Modernization
Renewable and Alternative Energy Systems	n/a	\$8,500,000	New Construction
Data Center/Campus Security	n/a	\$20,000,000	Demolition & New Construction
Corporation Yard	n/a	\$6,903,000	Modernization & New Construction
Facilities Maintenance Center	7	\$22,750,000	Demolition & New Construction
Subtotal:		\$146,053,000	

Skyline College Unmet Needs

Project	Bldg#	Funding Needed	Description
Social Science & Creative Arts Building	1	\$66,000,000	Demo & New Construction
Student Services Building	2	\$12,017,000	Modernization
Library/Learning Resource Building	5	\$7,500,000	Modernization
Center for Kinesiology and Human Performance/ Environmental Studies	n/a	\$36,000,000	New Construction
Renewable and Alternative Energy Systems	n/a	\$5,647,000	New Construction
Pac Heights Demo & North Campus Improvements	19	\$10,000,000	Demo & New Construction
Loma Chica	14	\$3,000,000	Modernization
Subtotal:		\$140,164,000	

District Wide Unmet Needs

Project	Bldg#	Funding Needed	Description
Coast Side Joint Use Facility	n/a	TBD	New Construction
Campus Utilities Repairs & Upgrades	n/a	\$7,800,000	Facilities
Hazardous Materials Abatement	n/a	\$7,000,000	Facilities
Sitework & ADA Accessibility Upgrades	n/a	\$5,000,000	Facilities
Roadway and Parking Lot Repairs	n/a	\$14,750,000	Demo & New Parking
AED (Defibrillators) Purchase & Installation	n/a	\$175,000	Facilities
Boiler Plant Air Quality Upgrades	n/a	\$3,000,000	Facilities
Subtotal:		\$37,725,000	

District Wide Capital Fund Needs

Project	Bldg#	Funding Needed	Description
Network and Phone Equipment	n/a	\$15,000,000	ITS
Technology Upgrades	n/a	\$47,000,000	ITS
Classroom Furniture & Equipment	n/a	\$20,000,000	ITS
Various Facility/Capital Repairs	n/a	\$40,000,000	Facilities
Surveillance/Camera/ACAM/EAS Upgrades	n/a	\$3,000,000	Security
Subtotal:		\$125,000,000	

Question & Answer

www.smccd.edu/facilities

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Vice Chancellor

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BOARD REPORT NO. 12-6-101B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: Jose D. Nunez, Vice Chancellor of Facilities Planning, Maintenance & Operations,
358-6836

APPROVAL OF 2014-2018 FIVE-YEAR CAPITAL CONSTRUCTION PLAN

On July 13, 2011 (Board Report No. 11-7-101B), the Board authorized submittal of the District's 2013-2017 Five-Year Capital Construction Plan (5YCP) and the related Initial Project Proposals (IPP's) and Final Project Proposals (FPP's) to the California Community Colleges Chancellor's Office (CCCCO). The authorization is in accordance with the Community College Construction Act and both the Education Code Section 81800, *et seq.*, and State Administrative Manual 6610. The plan constitutes the first part of the capital outlay proposal process and was prepared according to current guidelines.

The CCCCCO reviews and evaluates submitted plans for conformance to existing guidelines and potential for funding. Generally, this review is complete and project approvals are communicated to the District during the Fall following submittal. Again this year, the CCCCCO review extended beyond the usual timeframe, and as a result the CCCCCO has extended the submittal deadline for the 2014-2018 Five-Year Capital Construction Plan from the customary date of July 1 to August 1, 2012.

Competition is increasingly fierce in light of the Legislature's decisions not to put statewide bonds on the November 2008 and November 2010 ballots and it is unlikely there will be a November 2012 statewide bond. Because of the lack of a statewide bond, in 2008 the CCCCCO un-approved two years' worth of projects (including six District projects) previously approved for the 2009-2010 and 2010-2011 funding cycles. With these projects, along with those submitted in 2011, a significant and growing backlog of projects is now competing for limited funding. With the majority of this funding guaranteed for life-safety projects, the San Mateo County Community College District was fortunate that in 2011 the CCCCCO approved FPP's submitted for the modernization of Cañada College's Multiple Program Instructional Center (Building 13), College of San Mateo Emerging Technologies Center Project (Building 19) and the Skyline College Workforce and Economic Development Prosperity Center (Building 2). Funding for all of these projects is dependent upon a future statewide bond; therefore, the CCCCCO has elected to move these three approved projects from fiscal year 2013/2014 to fiscal year 2014/2015. Because these previously approved projects were moved forward to fiscal year 2014/2015, the CCCCCO requested that Districts refrain from submitting new Initial and Final Project Proposals (IPP's and FPP's) for this planning cycle.

In preparing and submitting the 2014-2018 plan, the District maintains its priorities with regard to funding improvements for (1) buildings and facilities, (2) improvements and modifications to meet the needs of the physically limited, and (3) response to safety concerns.

This report is broken down into three categories:

- I. Fiscal Year 2011-2015 State Capital Outlay Projects (Approved, State funding available)
- II. Fiscal Year 2014-2018 State Capital Outlay Projects (Approved, but State funding not available)
- III. Fiscal Year 2014-2018 State Capital Outlay Projects (Submitted for future funding consideration)
- IV. Locally funded current and future projects

Each project is described under these sections and this report is meant to give the Board a detailed understanding of the projects anticipated to be implemented in the 2013-2017 timeframe.

I. Fiscal Year 2011-2015 State Capital Outlay Projects (Approved, State funding available)

CAÑADA COLLEGE BUILDINGS 5 & 6 – REACTIVATION OF ACADEMIC FACILITIES AND CODE COMPLIANCE UPGRADES

Project Description: This project converted approximately 17,124 ASF in Buildings 5 and 6, vacated as a result of the new Library/Learning Resource Center/Student Services Facility. Accessibility upgrades were required as a condition of extensive modernization, and were accomplished via this project along with the creation of new classrooms, assembly spaces and major building systems upgrades. Also included in the project is the addition of 1,400 GSF of new construction associated with a new elevator to improve access to the buildings. Renovations to the Cañada cafeteria are expected to transform this space into a vibrant location for student interaction.

Total Project Cost: The total cost of this project was \$14.378 million. State Capital Outlay funds of \$4.917 million were approved by the CCCCOC, which was supplemented by \$9.461 million in Measure A general obligation bond funds.

Status: The project is complete and in the process of being closed out with the CCCCOC; occupancy was phased over Summer and Fall 2011.

CAÑADA COLLEGE - ELECTRICAL INFRASTRUCTURE REPLACEMENT

Project Description: This project corrected the safety and serviceability deficiencies of the aged electrical infrastructure at Canada College which was constructed in the 1960's.

The aging power infrastructure had deteriorated to the point where failures were increasingly common. This posed potential disruptions to College operations, including class cancellations, property damage, loss of data, compromised ongoing science experiments, diminished employee productivity, recovery costs, and mental anguish and stress among students, faculty and staff. The code compliance and safety violations presented significant liability risk of losses to life and property. This FPP received State funding to replace the critical components of the electrical power infrastructure as part of a priority A-4 Immediate Infrastructure Failure project.

Total Project Cost: The total cost of this project was \$3.978 million. State Capital Outlay funds of \$2.778 million were approved by the CCCCOC, which was supplemented by \$1.200 million in Measure A general obligation bond funds.

Status: Construction is complete and the project went on-line January 2012. The project is in the process of being closed out with the CCCCOC.

SKYLINE COLLEGE - ELECTRICAL INFRASTRUCTURE REPLACEMENT

Project Description: This project replaced underground Load Center #2 with a new above-grade pad-mounted load center as a priority A-4 Immediate Infrastructure Failure Project. The electrical infrastructure at Skyline College was constructed in the 1960's. Critical components had deteriorated and were no longer code compliant.

The aging power infrastructure had deteriorated to the point where failures were increasingly common, occurring several times a year. This created significant disruptions to college operations, including class cancellations, property damage, loss of data, compromised ongoing science experiments, diminished employee productivity, recovery costs, and mental anguish and stress among students, faculty and staff. The code compliance and safety violations presented liability and risks of losses to life and property. This FPP received State funding to replace the critical components of the electrical power infrastructure as part of a priority A-4 Immediate Infrastructure Failure project.

Total Project Cost: The total cost of this project was \$1.530 million. State Capital Outlay funds of \$0.580 million were approved by the CCCCCO, which was supplemented by \$0.950 million in Measure A general obligation bond funds.

Status: Construction is complete and the project went on-line January 2012. The project is in the process of being closed out with the CCCCCO.

COLLEGE OF SAN MATEO - NORTH GATEWAY PROJECT (Demolition of Seismic Hazardous Buildings, #21-29)

Project Description: This project will remove seismic hazards from the College of San Mateo. Four buildings on the CSM campus, Buildings 21, 23, 25, and 27, have been rated F in a seismic survey and by recent additional structural analysis. Some of the buildings contain hazardous materials, which could be widely dispersed in the event of a structural collapse. The project proposes to remove these dangers through demolition of Buildings 21-29 and to repair and reconfigure the site with accessible pathways, recreating parking lots 9 and 10, refreshed landscaping, installation of energy efficient LED lighting and a performance/gathering venue. Additionally, load center #4 of the site's main electrical distribution system was in need of replacement due to safety concerns stemming from water infiltration into the vault. The creation of new load center #8 allows the contractors to safely disable the electrical system prior to the demolition of the buildings. In order to expedite resolution of the safety issues associated with the required replacement load center #4 with the new load center #8, the work included in this project was separated into three phases.

Total Project Cost: This project has an estimated cost of \$18.552 million. State Capital Outlay funds of \$10.907 million have been approved by the CCCCCO, supplemented by \$7.645 million in Measure A general obligation bond funds.

Status: Phase I, Load Center #8, commenced in December 2010 and is now complete. The new load center #8 has been constructed, installation of electrical equipment has been completed and the electrical cutover from load center #4 to load center #8 occurred in June of 2011. All Phase I work is complete.

The second phase of the project abated all hazardous building materials from Buildings #21-29, in preparation for demolition. All asbestos and lead containing building materials, and all above-

ground transite pipe has been removed and properly disposed of by a licensed hazardous materials abatement contractor and the buildings are now ready for demolition.

The third phase of the project, including demolition of Buildings 21-29 and the balance of the work described above, was bid last year and a construction contract was scheduled to be awarded in August 2011. Due to legal challenges, the construction contract was not awarded as planned. The project is now being re-bid and award of a construction contract is scheduled for August 2012. Construction work is planned to commence in October 2012 and is anticipated to be complete by September 2013, assuming resolution of legal challenges.

II. Fiscal Year 2014-2018 State Capital Outlay Projects (Approved, but State funding not available)

CAÑADA COLLEGE BUILDING 13 – MULTIPLE PROGRAM INSTRUCTIONAL CENTER

Project Description: This project involves the modernization of the academic classroom Building 13. The building was one of the original instructional buildings built on the Cañada campus in 1968. The project proposes code upgrades to 12,110 gross square feet of restroom facilities, corridors and vertical circulation systems. The modernization will serve several purposes. This modernization will improve facility accessibility for ADA compliance and replace building finishes and components that have exceeded their service life expectancy. The project will replace the mechanical and electrical systems. Modernization of faculty offices is a part of this proposed project.

Total Project Cost: The reconstruction of this facility has an estimated total project cost of \$18.236 million, with \$9.302 million requested from State Capital Outlay funding supplemented by \$8.934 million in local funds.

Status: Based on the assumption that a statewide bond passes in November 2014, and the CCCCCO authorizes the project to proceed, design would commence in late 2016 with construction starting in late 2017. Assuming State Capital Outlay funding is secured, the facility would be ready for use in 2018-2019.

SKYLINE COLLEGE - WORKFORCE DEVELOPMENT AND ECONOMIC PROSPERITY CENTER

Project Description: This project provides a readily accessible integrated service center that responds to the need to link services, benefits, opportunities, and instruction to build on the State's investment in workforce and economic development and to strengthen the connections of the public to benefits and opportunities that help build personal and community economic sustainability. In particular, it addresses the specific needs of students by linking their educational experience with the job market and long term careers. The services consist of three strands: employment/career services, income/work supports, and financial services/asset building.

This 14,520 ASF facility includes a job placement center, resource libraries, international trade and development center, center for workforce development, and an English language institute. To be located in Building 2, part of the project includes activating 7,897 ASF of unassigned space.

Total Project Budget: The total project budget is estimated to be \$24.983 million, with \$17.617 million in requested State Capital Outlay funding, supplemented by \$7.366 million in local funds.

Status: Based on the assumption that a statewide bond passes in November 2014 and the CCCCCO authorizes the project to proceed, design would commence in late 2016 with construction starting in late 2016. Assuming State Capital Outlay funding is secured, the facility would be ready for use in 2019-2020.

COLLEGE OF SAN MATEO BUILDING 19 – EMERGING TECHNOLOGIES CENTER

Project Description: This FPP includes modernization of Building 19 to allow for the consolidation and centralization of highly active technology programs in Computer Information Science (CIS), Electronics, Engineering, Architecture, Building Technology, and Computer Aided Drafting. The building will support the mission of integrative learning wherein departments actively blend curricula and faculty to bring different disciplines together to work on projects. The Technology Building will be home to Engineering, Architecture, Drafting, Electronics, Computer Information Sciences, and Building Inspection. The proximity of these disciplines will provide a unique opportunity to simulate industry's "Architecture, Engineering, and Construction" (A/E/C) process model for both large and small projects.

Students enrolled in programs in this facility will be trained to transfer to more advanced programs in architecture, engineering and building technology at the university level or will be able to join the local Bay Area job market in advanced computer technology, electronics, engineering and building technology fields. The College and the District will form partnerships with local industry to develop more directed areas of study that fit the needs of local employers and better develop the students' capability toward skilled and professional advancement.

Total Project Cost: The total project cost is \$20.420 million, with \$12.528 million requested State Capital Outlay funding, supplemented by \$7.892 million in local funds.

Status: Based on the assumption that the CCCCCO again authorizes the project to proceed, and funding is secured via a new statewide bond in 2014, design would commence in late 2016 with construction starting in late 2017. Assuming funding is available from the State, the facility would be ready for use in 2018-2020.

III. Fiscal Year 2014-2018 State Capital Outlay Projects (Submitted for future funding consideration)

SKYLINE COLLEGE - CENTER FOR KINESIOLOGY AND HUMAN PERFORMANCE

Project Description: This IPP was submitted in 2011 and will be resubmitted in 2012. The project proposes construction of 25,060 ASF/32,218 GSF of new facilities to respond to the growing demand for programs in fitness and wellness. These physical fitness programs at the college represent more than a third of the physical education program enrollment with 157 FTEs in 2006-2007; in the past, it has been as high as 271 FTEs. The demand is becoming difficult to keep pace with due to the competition in the use of existing PE spaces many of which are not constructed to adequately support the fitness programs and are required for use in the other physical education programs which are growing as well. The Wellness Center facilities will include Fitness Training, Spinning classes, Sports Medicine Training, and an area for Yoga, Dance & Pilates. These spaces are significantly different than the main gym floor and the weight rooms that currently make up the main gym. In addition, the planned location of this building near the new Cosmetology/Multicultural Building, constructed using local funds, brings the Cosmetology & Wellness programs together and will allow the programs to appeal to a broader audience of students and public patrons who might not

be aware of the diverse offerings that Skyline College can provide. In preparation for construction of this facility, temporary Buildings 31, 32, 33, 34 and 35 will be demolished.

Total Project Cost: The total project cost is estimated at \$17.335 million, with \$11.172 million requested State Capital Outlay funding, supplemented by \$6.163 million in future general obligation bond funds.

Status: Based on the assumption that the CCCCCO again authorizes the project to proceed, and funding is secured via a new statewide bond in 2014, design would commence in late 2016 with construction starting in late 2017. Assuming funding is available from the State, the facility would be ready for use in 2018-2019.

IV. Locally funded current and future projects

CAÑADA COLLEGE BUILDING 5 – CAFETERIA DINING ROOM PROJECT

Project Description: As the final piece in the modernization of Buildings 5 and 6, the goal of the Cañada College Cafeteria Dining Room project is to revitalize the dining room space and make it a destination for students at Cañada. The remodel will bring an active, architecturally interesting area for students to congregate, study and socialize. The addition of the Career Center and the new Student Lounge will make this area a hub of activity and provide Cañada with a Student Center. The finishes highlighted by wood accents, large pendant lighting fixtures, soffits and angled wing walls will soften the space, enhance the acoustics and take away the “old school” cafeteria feel. A new large video wall will help attract students to the dining room, bringing a modern, hip feel to the college.

Total Project Cost: The estimated cost of this project is \$2.000 million and is funded by Measure A general obligation bond funds.

Status: The project is under construction with occupancy planned for Fall 2012.

COLLEGE OF SAN MATEO - EDISON PARKING LOT PROJECT

Project Description: Building 20 and the associated greenhouses are nearly 50 years old, in great disrepair, non-ADA compliant and grossly underutilized (most programs that had been located there have moved to the new College Center). The Board of Trustees approved the discontinuance of the Horticulture program. In addition, the one classroom located in Building 20 is not needed due to the fact that the College has added approximately 41,750 sq. ft. of new classroom, lab and office space over the past eight years. The District’s facilities condition database indicates that all building systems in Building 20 are beyond their service life, except for the floor slab, exterior walls and roof. The FCI Facilities Condition Index for Building 20 is 68.36%, which indicates it is in very poor condition.

As a result, the Administration determined that it would be best to demolish Building 20 and the associated greenhouses; construct approximately 125-200 parking spaces (replacing 30-40 spaces now there); and retain a garden area to be used by science classes. Due to the opening of the new Building 10, new parking spaces on the east side of campus are definitely needed. The garden area (which currently is in great disrepair due to years of neglect) can be used for the plant species that are most critical to the College’s biological sciences programs.

Total Project Cost: This project has an estimated cost of \$3.300 million and is funded by Measure A general obligation bond funds.

Status: The District initially explored delivering this project via the Design-Build delivery method. Subsequently, staff determined that utilizing the Design-Bid-Build, or “traditional” delivery method would yield better value for the District in this very competitive bid climate. Development of the schematic designs resulting from the initial design build exploration will be developed into detailed design documents suitable for a public works bid, upon resolution of legal challenges.

CAÑADA COLLEGE - CENTER FOR KINESIOLOGY AND DANCE

Project Description: The CCCCCO previously approved this FPP under the project name “Building 1 Physical Education Conversion & Code Compliance Upgrade.” At the request of the College, the FPP was revisited prior to resubmittal in 2011 to ensure that it reflected the current needs and priorities of the college, and was renamed as part of this process. Upon further study, staff has determined that the facility requirements associated with the College’s planned instructional programs will exceed the limitations of the State Capital Outlay Process, particularly the inclusion of an Aquatics Complex in the project. In view of the desired scope for this project, the growing back log of projects in the queue for Capital Outlay funding, and continuing indications from the CCCCCO that physical education projects will not be prioritized for funding, the administration has elected to remove this project from the Capital Outlay funding queue, and to utilize future local general obligation bond funds to insure the project meets the needs of the institution. Consideration is being given to demolition and replacement of Building 1, in lieu of renovation of the existing 43 year old Building. Programs housed in this facility will allow completion of certificate degrees and transfers in Kinesiology, Fitness Professional, and Dance. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX¹ requirements. In addition, this project will add a classroom dedicated to the advancement of the Kinesiology and Fitness Professional programs.

Total Project Cost: The estimated cost of this project is \$20.000 million, to be funded by a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE - SOCIAL SCIENCE/CREATIVE ARTS COMPLEX

Project Description: Building 1 will be demolished to allow the construction of a new Social Science/Creative Arts Complex that will better address the needs of the programs currently housed at this location. The new Social Science/Creative Arts Complex will support the instructional needs of these two divisions. It will include a theater, art studios, classrooms, and support spaces. This building will replace the existing Building 1 in its current location. The new facility will be designed to serve as an identifiable entry on the south side of campus and play a key role in creating an important connection to the campus core.

Total Project Cost: The estimated cost of this project is \$80.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

¹ Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

COLLEGE OF SAN MATEO BUILDING 8 – GYM MODERNIZATION

Project Description: The CCCO has previously approved this project for Capital Outlay funding; however, the project remains unfunded. In view of the growing backlog of projects in the queue for Capital Outlay funding, together with continuing indications from the CCCCO that physical education projects will not be prioritized for funding, the administration has elected to remove this project from the Capital Outlay funding queue, and to utilize future general obligation bond funds to deliver this critical project. This project proposes to modernize the 48 year old Gym on the College of San Mateo campus. The Gymnasium was constructed in 1963 and was among the first buildings built on the site. It has never undergone any major renovations or remodeling for the past 48 years. There have been substantial changes in the program, code compliance issues, and infrastructure issues that require attention. This project addresses these conditions and will increase the energy efficiency of the building as a whole.

Total Project Budget: The estimated cost of this project is \$25.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

CAÑADA COLLEGE - BUILDING 3 PERFORMING ARTS CENTER TECHNOLOGY AND ENVIRONMENTAL MODERNIZATION

Project description: This project proposes to address academic issues brought about by changes in the strategies of teaching over the past two decades. Significant changes have occurred in the technologies that support the teaching of the Fine Arts, especially Photography, as well as Theatre and Theatre support areas. Lighting, sound systems and backstage support rooms require renovation in order to properly train students in the use of these new methodologies. Also, the building infrastructure is overburdened and needs upgrading to support the new technologies. This IPP proposes to upgrade this facility to bring it up to current teaching standards in its academic arena.

Total Project Cost: The estimated cost of this project is \$4.000 million, to be funded by a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE – BUILDING 5 LEARNING RESOURCE CENTER TECHNOLOGY AND ENVIRONMENTAL UPGRADE

Project description: This project proposes to address program issues related to the library/LRC. Substantial changes in the technologies supporting library and LRC programs have occurred rapidly during the last 10 years. This project addresses these changes by reconfiguring spaces to incorporate techno-media-internet elements into the program. In addition, the project incorporates energy saving technologies, sustainability and, in general, reduction of operating costs of this high cost building. The project also results in reestablishment of points of access/egress to respond to the beaten path used by students to get to the parking lots; use of the single door at the loading dock has resulted in a potential danger to students who are looking for the shortest distance to the lot.

Total Project Cost: The estimated cost for this project is \$7.500 million. This project is to be funded

via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO - BUILDING 12 MODERNIZATION

Project Description: Building 12 is more than 45 years old and is the last building standing of the four that once housed science programs at the College of San Mateo. In 2004, the College undertook construction of a new science facility using local bond funds to accommodate changing programmatic needs and provide safer science facilities. After completion of the new facility, the space in Building 12 was classified as 'Unassigned' Room Type 050. As part of the Master Plan for reinvigoration of this campus, it is the intent of the College to renovate this inactive space to serve the growing requirement for multi-discipline lab and lab serve facilities. The existing electrical, plumbing, HVAC, data and security systems have exceeded their life cycle and serviceability. This project seeks to renovate and remodel approximately 8,990 assignable square feet of 'inactive' space for instructional and support facilities. In addition, the project provides elevator upgrades to address accessibility issues.

Total Project Cost: The estimated cost for this project is \$4.200 million, to be funded by a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

CAÑADA COLLEGE - SCIENCE/ALLIED HEALTH/WORKFORCE DEVELOPMENT BUILDING

Project Description: The Facilities Master Plan identifies two possible locations for a new Science, Allied Health, and Workforce Development Building. Either location would help to anchor and define the North Quad area of the campus. The new building should also house large lecture halls to improve the utilization of campus facilities.

Total Project Cost: The estimated cost for this project is \$40.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

DISTRICT OFFICE / COLLEGE OF SAN MATEO – DATA CENTER AND PUBLIC SAFETY BUILDING

Project Description: This new building at the District Office site will provide for the consolidation of the rapidly increasing information technology functions that service this multi-college district and are a necessary component to the advancement of college programs into the digital age. The District Computer Center provides technical support for the computer needs of both the academic programs and the administrative units throughout the District. The District Computer Center will be responsible for the operation and maintenance of all computer equipment and software, telephone system, website support and management, programming, repair of computers, receipt and preloading of computers, instructional support for faculty, training, Q&A support, and even e-Waste disposition and recycling. Some of the functions are currently performed in 4,452 ASF of the District Office

building. Because of the inability to provide additional space in the building, the remaining functions are performed by using 9,000 ASF of swing space on the College of San Mateo campus which is scheduled to be demolished. Location of this new facility on the footprint of Building 1 on the College of San Mateo Campus is under consideration. The estimated cost noted below assumes this location, and includes the cost of demolition of Building 1, relocation of utilities as necessary, and accommodation of Districtwide and College of San Mateo Public Safety staff.

Total Project Cost: The estimated cost for this project is \$20.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO - BUILDING 7 FACILITY MAINTENANCE CENTER DEMOLITION & RECONSTRUCTION

Project Description: The Master Plan proposes to improve the College's ability to maintain its building assets by constructing a new Facilities Maintenance Center. The new center will replace the outdated and inadequate facility and provide appropriate administrative, operational, office, engineering, shop spaces and vehicle storage for the facilities and maintenance. The project scope also includes stabilization and upgrades for the corporation yard.

Total Project Cost: The estimated cost for this project is \$14.825 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE – BUILDINGS 19 & 20, PACIFIC HEIGHTS DEMOLITION AND NORTH CAMPUS IMPROVEMENTS

Project Description: This project proposes to demolish two hazardous buildings, Buildings 19 and 20, located in the Pacific Heights section of the Skyline College campus. The project removes 26,832 ASF from the campus space inventory including 14,806 ASF of classroom, 7,870 ASF of class laboratory, 3,442 ASF of office, and 714 of other space. The project will terminate all utilities, remove all debris from the site, and landscape the area vacated by the buildings in a manner consistent with the existing campus.

Total Project Cost: The estimated cost for this project is \$10.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

CAÑADA COLLEGE – SOLAR ARRAY

Project Description: As part of a Districtwide study to explore opportunities to improve sustainability of operations, reduce utility expenditures, and model environmental stewardship to its students and to the community, the District has commissioned a report to identify possible locations for a solar array on Cañada's campus. The location will be selected to provide maximum return on investment to the District. Consideration of campus functionality and the possibility of additional

future expansion of campus facilities outside the range of time anticipated in this plan will also be taken into account.

Total Project Cost: The cost estimate for this project is \$10.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO – BUILDING 9 MODERNIZATION LEARNING RESOURCE CENTER

Project Description: The library at College of San Mateo was constructed in 1963 and houses the learning resource functions and a television studio. The building has seen minor remodeling and a seismic upgrade over the past 40 years and is need of a major modernization to catch up with the media and library technologies relevant to today and conform to current codes, particularly ADA.

This project modernizes 49,402 GSF in the heart of the campus. It upgrades internal spaces of the library to address the infusion of the digital elements so prevalent in library systems of today. It reconditions the distance learning TV studio and support spaces to provide for the audio and video elements essential to broadcasting in a digital environment.

The project also addresses the inadequacy of the utility systems, acoustics, and environmental controls of the building.

Total Project Cost: The estimated cost for this project is \$7.500 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE AND COLLEGE OF SAN MATEO – RENEWABLE AND ALTERNATIVE ENERGY PROJECTS

Project Description: As part of a Districtwide study to explore opportunities to improve sustainability of operations, reduce utility expenditures, and model environmental stewardship to its students and to the community, the District is working to identify possible types and locations for renewable and alternative energy installations. Technologies being considered include micro-wind turbines, fuel cells and / or micro-turbine co-generation units. Potential installations will be evaluated based upon proven performance track records, integration with campus esthetics and operations, and financial performance. Consideration of campus functionality and the possibility of additional future expansion of campus facilities outside the range of time anticipated in this plan will also be taken into account.

Total Project Cost: Project costs cannot be estimated at this time, pending identification of appropriate technologies and locations for installations. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO – BUILDING 3 THEATER MODERNIZATION

Project Description: This project proposes to complete the renovation of Building 3 Theater (27,027 GSF) to support the educational mission and performing arts at College of San Mateo. The theater has undergone partial renovations over the past 40 years; however, a substantive remodel and reconfiguration of spaces will address program needs and bring the facility into the 21st century. In addition to the programming changes, there are infrastructure issues that need to be corrected to meet the needs of the modern theater and associated support and office space. Included as part of this project will be classroom renovations including the introduction of smart classroom technologies, safety and security enhancements, installation of the District's electronic security system, improving the indoor air quality with substantive changes to the building's failing ventilations system, as well as modernizing zone controls, renovating restrooms, addressing ADA accessibility issues, installing a much-needed elevator and activating the Theater lobby.

Total Project Cost: The estimated cost for this project is \$5.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

RECOMMENDATION

It is recommended that the Board of Trustees authorize submission of the District's 2014-2018 Five-Year Capital Construction Plan to the California Community Colleges Chancellor's Office, along with related Initial and Final Project Proposals seeking State Capital Outlay Funding.

BOARD REPORT NO. 13-6-104B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: Karen D. Powell, Director, Facilities Maintenance & Operations, 358-6808

APPROVAL OF 2015-2019 FIVE-YEAR CAPITAL CONSTRUCTION PLAN

On June 27 13, 2012 (Board Report No. 12-6-101B), the Board authorized submittal of the District's 2014-2018 Five-Year Capital Construction Plan (5YCP) and the related Initial Project Proposals (IPP's) and Final Project Proposals (FPP's) to the California Community Colleges Chancellor's Office (CCCCO). The authorization was in accordance with the Community College Construction Act and both the Education Code Section 81800, *et seq.*, and State Administrative Manual 6610. The plan constitutes the first part of the capital outlay proposal process and was prepared according to current guidelines.

The CCCCCO reviews and evaluates submitted plans for conformance to existing guidelines and potential for funding. Competition is increasingly fierce in light of the Legislature's decisions not to put statewide bonds on the 2008, 2010 or 2012 ballots. Because of the lack of a statewide bond, in 2008 the CCCCCO un-approved two years' worth of projects (including six District projects) previously approved for the 2009-2010 and 2010-2011 funding cycles. With these projects, along with those submitted in 2011 and 2012, a significant and growing backlog of projects is now competing for limited funding. With the majority of this funding guaranteed for life-safety projects, the San Mateo County Community College District was fortunate that in 2011 the CCCCCO approved FPP's submitted for the modernization of Cañada College's Multiple Program Instructional Center (Building 13), College of San Mateo Emerging Technologies Center Project (Building 19) and the Skyline College Workforce and Economic Development Prosperity Center (Building 2). The CCCCCO has elected to move these three approved projects from fiscal year 2013/2014 to fiscal year 2014/2015. These three projects are currently carried on the CCCCCO list of "approved" projects, based on the assumption that a statewide bond will be included on the November 2014 ballot and will be approved by California voters. Because the CCCCCO has approved these three fiscal year 2014-2015 FPP's, the District will not submit new FPP's for fiscal year 2014-2015 in this planning cycle, as only one project per campus will be approved per planning cycle.

In preparing and submitting the 2015-2019 plan, the District maintains its priorities with regard to funding improvements for (1) buildings and facilities, (2) improvements and modifications to meet the needs of the physically limited, and (3) response to safety concerns.

This report is broken down into three categories:

- I. Past Fiscal Year State Capital Outlay Projects (Approved, State funding available)
- II. Fiscal Year 2014-2018 State Capital Outlay Projects (Approved, but State funding not available)
- III. Fiscal Year 2014-2018 State Capital Outlay Projects (Submitted for future funding consideration)
- IV. Locally funded current and future projects

Each project is described under these sections and this report is meant to give the Board and community a detailed understanding of the projects anticipated to be implemented in the 2015-2019 timeframe.

I. Past Fiscal Year State Capital Outlay Projects (Approved, State funding available)**CAÑADA COLLEGE- BUILDINGS 5 & 6 REACTIVATION OF ACADEMIC FACILITIES AND CODE COMPLIANCE UPGRADES**

Project Description: This project converted approximately 17,124 Assignable Square Feet (ASF) in Buildings 5 and 6, vacated as a result of the new Library/Learning Resource Center/Student Services Facility. Accessibility upgrades were required as a condition of extensive modernization, and were accomplished via this project along with the creation of new classrooms, assembly spaces and major building systems upgrades. Also included in the project is the addition of 1,400 Gross Square Feet (GSF) of new construction associated with a new elevator to improve access to the buildings. Renovations to the Cañada cafeteria are expected to transform this space into a vibrant location for student interaction.

Total Project Cost: The total cost of this project was \$14.378 million. State Capital Outlay funds of \$4.917 million were approved by the CCCCOC, which was supplemented by \$9.461 million in Measure A general obligation bond funds.

Status: The project is complete and in the process of being closed out with the CCCCOC; occupancy was phased over Summer and Fall 2011.

CAÑADA COLLEGE - ELECTRICAL INFRASTRUCTURE REPLACEMENT

Project Description: This project corrected the safety and serviceability deficiencies of the aged electrical infrastructure at Canada College which was constructed in the 1960's.

The aging power infrastructure had deteriorated to the point where failures were increasingly common. This posed potential disruptions to College operations, including class cancellations, property damage, loss of data, compromised ongoing science experiments, diminished employee productivity, recovery costs, and mental anguish and stress among students, faculty and staff. The code compliance and safety violations presented significant liability risk of losses to life and property. This FPP received State funding to replace the critical components of the electrical power infrastructure as part of a priority A-4 Immediate Infrastructure Failure project.

Total Project Cost: The total cost of this project was \$3.978 million. State Capital Outlay funds of \$2.778 million were approved by the CCCCOC, which was supplemented by \$1.200 million in Measure A general obligation bond funds.

Status: Construction is complete and the project went on-line January 2012. The project is in the process of being closed out with the CCCCOC.

COLLEGE OF SAN MATEO - NORTH GATEWAY PROJECT (Demolition of Seismic Hazardous Buildings 21-29)

Project Description: This project has removed seismic hazards from the College of San Mateo. Four buildings on the CSM campus, Buildings 21, 23, 25, and 27, were rated F in a seismic survey and by additional structural analysis. Some of the buildings contained hazardous materials, which could have been widely dispersed in the event of a structural collapse. The project removed these dangers through demolition of Buildings 21-29 and will repair and reconfigure the site with

accessible pathways, recreating the Galileo Parking Lot (Lot 6), refreshed landscaping, installation of energy efficient LED lighting and a student gathering space. Additionally, load center #4 of the

site's main electrical distribution system was decommissioned due to safety concerns stemming from water infiltration into the vault. The creation of new load center #8 as part of the first phase of this project allowed the contractors to safely disable the electrical system prior to the demolition of the buildings. In order to expedite resolution of the safety issues associated with the required replacement load center #4 with the new load center #8, the work included in this project was separated into three phases.

Total Project Cost: This project has an estimated cost of \$18.552 million. State Capital Outlay funds of \$10.907 million have been approved by the CCCCCO, supplemented by \$7.645 million in Measure A general obligation bond funds.

Status: Phase I, Load Center #8, commenced in December 2010 and is now complete. The new load center #8 has been constructed, installation of electrical equipment has been completed and the electrical cutover from load center #4 to load center #8 occurred in June of 2011. All Phase I work is complete.

The second phase of the project abated all hazardous building materials from Buildings #21-29, in preparation for demolition. All asbestos and lead containing building materials, and all above-ground transite pipe have been removed and properly disposed of by a licensed hazardous materials abatement contractor and the buildings are now ready for demolition.

The third phase of the project, including demolition of Buildings 21-29 and the balance of the work described above, was bid last year and a construction contract was awarded. The structures were demolished and the concrete building materials recycled on site. These recycled building materials will be incorporated into the project as aggregate base for the reconstructed parking lots. Due to legal challenges, the reconstruction work was delayed following building demolition. The ruling precluding the continuation of work has now been lifted and reconstruction work is underway. The project is scheduled to be complete May 2014, and the parking lots available for use for the summer 2014 session.

SKYLINE COLLEGE - ELECTRICAL INFRASTRUCTURE REPLACEMENT

Project Description: This project replaced underground Load Center #2 with a new above-grade pad-mounted load center as a priority A-4 Immediate Infrastructure Failure Project. The electrical infrastructure at Skyline College was constructed in the 1960's. Critical components had deteriorated and were no longer code compliant.

The aging power infrastructure had deteriorated to the point where failures were increasingly common, occurring several times a year. This created significant disruptions to college operations, including class cancellations, property damage, loss of data, compromised ongoing science experiments, diminished employee productivity, recovery costs, and mental anguish and stress among students, faculty and staff. The code compliance and safety violations presented liability and risks of losses to life and property. This FPP received State funding to replace the critical components of the electrical power infrastructure as part of a priority A-4 Immediate Infrastructure Failure project.

Total Project Cost: The total cost of this project was \$1.530 million. State Capital Outlay funds of \$0.580 million were approved by the CCCCCO, which was supplemented by \$0.950 million in Measure A general obligation bond funds.

Status: Construction is complete and the project went on-line January 2012. The project is in the process of being closed out with the CCCCCO.

II. Fiscal Year 2015-2019 State Capital Outlay Projects (Approved, but State funding not available)

CAÑADA COLLEGE - BUILDING 13 MULTIPLE PROGRAM INSTRUCTIONAL CENTER

Project Description: This project involves the modernization of the academic classroom Building 13. The building was one of the original instructional buildings built on the Cañada campus in 1968. The project proposes code upgrades to 12,110 gross square feet of restroom facilities, corridors and vertical circulation systems. The modernization will serve several purposes. This modernization will improve facility accessibility for ADA compliance and replace building finishes and components that have exceeded their service life expectancy. The project will replace the mechanical and electrical systems. Modernization of faculty offices is a part of this proposed project.

Total Project Cost: The reconstruction of this facility has an estimated total project cost of \$18.880 million, with \$9.631 million requested from State Capital Outlay funding, supplemented by \$9.249 million in local funds.

Status: Based on the assumption that a statewide bond passes in November 2014, design would commence in late 2014 with construction starting in early 2016. Assuming State Capital Outlay funding is secured, the facility would be ready for use in 2016-2017.

COLLEGE OF SAN MATEO BUILDING 19 – EMERGING TECHNOLOGIES CENTER

Project Description: This FPP includes modernization of Building 19 to allow for the consolidation and centralization of highly active technology programs in Computer Information Science (CIS), Electronics, Engineering, Architecture, Building Technology, and Computer Aided Drafting. The building will support the mission of integrative learning wherein departments actively blend curricula and faculty to bring different disciplines together to work on projects. The Technology Building will be home to Engineering, Architecture, Drafting, Electronics, Computer Information Sciences, and Building Inspection. The proximity of these disciplines will provide a unique opportunity to simulate industry's "Architecture, Engineering, and Construction" (A/E/C) process model for both large and small projects.

Students enrolled in programs in this facility will be trained to transfer to more advanced programs in architecture, engineering and building technology at the university level or will be able to join the local Bay Area job market in advanced computer technology, electronics, engineering and building technology fields. The College and the District will form partnerships with local industry to develop more directed areas of study that fit the needs of local employers and better develop the students' capability toward skilled and professional advancement.

Total Project Cost: The total project cost is \$20.420 million, with \$12.528 million requested State Capital Outlay funding, supplemented by \$7.892 million in local funds.

Status: Based on the assumption that the CCCCCO again authorizes the project to proceed, and funding is secured via a new statewide bond in 2014, design would commence in late 2016 with construction starting in late 2017. Assuming funding is available from the State, the facility would be ready for use in 2018-2020.

SKYLINE COLLEGE - BUILDING 2 WORKFORCE DEVELOPMENT AND ECONOMIC PROSPERITY CENTER

Project Description: This project provides a readily accessible integrated service center that responds to the need to link services, benefits, opportunities, and instruction to build on the State's investment in workforce and economic development and to strengthen the connections of the public to benefits and opportunities that help build personal and community economic sustainability. In particular, it addresses the specific needs of students by linking their educational experience with the job market and long term careers. The services consist of three strands: employment/career services, income/work supports, and financial services/asset building.

This 14,520 ASF facility includes a job placement center, resource libraries, international trade and development center, center for workforce development, and an English language institute. To be located in Building 2, part of the project includes activating 7,897 ASF of unassigned space.

Total Project Cost: The total project budget is estimated to be \$25.909 million, with \$18.269 million in requested State Capital Outlay funding, supplemented by \$7.640 million in local funds.

Status: Based on the assumption that a statewide bond passes in November 2014, design would commence in late 2014 with construction starting in early 2016. Assuming State Capital Outlay funding is secured, the facility would be ready for use in 2018-2019.

III. Fiscal Year 2015-2019 State Capital Outlay Projects (Submitted for future funding consideration)

CAÑADA COLLEGE - BUILDING 3 PERFORMING ARTS CENTER TECHNOLOGY AND ENVIRONMENTAL MODERNIZATION

Project description: This project addresses academic issues brought about by changes in pedagogy over the past 20 years. Significant changes have occurred in the technologies that support the teaching of the fine arts, especially photography, as well as the theater and the theater support areas. Lighting, sound systems and backstage support rooms require renovation in order to properly train students in the use of these new technologies.

The photography program spaces need to be reconfigured to provide a safer and cleaner working environment. Existing utility infrastructure systems (e.g. electrical, mechanical, data, elevator, security, etc.) all require upgrades to comply with current codes and improve the learning environment.

Total Project Cost: The total project cost is \$3.207 million, with \$2.245 million requested State Capital Outlay funding, supplemented by \$962 thousand in local funds.

Status: If the CCCC approves this IPP, an FPP will be developed and submitted as part of the 2016-2020 planning process. Funding sources for Fiscal Year 2015-2016 FPP's have not yet been confirmed.

COLLEGE OF SAN MATEO – BUILDING 9 MODERNIZATION LEARNING RESOURCE CENTER

Project Description: The library at College of San Mateo was constructed in 1963 and houses the learning resource functions and a television studio. The building has seen minor remodeling and a

seismic upgrade over the past 40 years and is need of a major modernization to catch up with the media and library technologies relevant to today and conform to current codes, particularly ADA.

This project modernizes 49,402 GSF in the heart of the campus. It upgrades internal spaces of the library to address the infusion of the digital elements so prevalent in library systems of today. It reconditions the distance learning TV studio and support spaces to provide for the audio and video elements essential to broadcasting in a digital environment.

The project also addresses the inadequacy of the utility systems, acoustics, and environmental controls of the building.

Total Project Cost: The total project cost is \$14.291 million, with \$10.004 million requested State Capital Outlay funding, supplemented by \$4.287 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2016-2020 planning process. Funding sources for Fiscal Year 2015-2016 FPP's have not yet been confirmed.

SKYLINE COLLEGE – BUILDING 5 LEARNING RESOURCE CENTER TECHNOLOGY AND ENVIRONMENTAL UPGRADE

Project description: This Initial Project Proposal (IPP) project proposes to address program issues related to the library/LRC. Substantial changes in the technologies supporting library and LRC programs have occurred rapidly during the last 10 years. This project addresses these changes by reconfiguring spaces to incorporate techno-media-internet elements into the program. In addition, the project incorporates energy saving technologies, sustainability and, in general, reduction of operating costs of this high cost building. The project also results in reestablishment of points of access/egress to respond to the beaten path used by students to get to the parking lots; use of the single door at the loading dock has resulted in a potential danger to students who are looking for the shortest distance to the lot.

Total Project Cost: The total project cost is \$15.764 million, with \$11.035 million requested State Capital Outlay funding, supplemented by \$4.729 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2016-2020 planning process. Funding sources for Fiscal Year 2015-2016 FPP's have not yet been confirmed.

SKYLINE COLLEGE - SOCIAL SCIENCE/CREATIVE ARTS COMPLEX

Project Description: This project replaces the 77,587 gross square feet Fine Arts Building (Building 1). Built in 1969, the building is in need of extensive modernization to the extent that replacement becomes the more practical solution. The building provides teaching and learning spaces for the arts and social sciences including theatre, photography, painting, ceramics, music, digital arts, dance, paralegal, administration of justice, philosophy, psychology, history, and sociology.

Total Project Cost: The total project cost is \$32.117 million, with \$22.482 million requested State Capital Outlay funding, supplemented by \$9.635 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2016-2020 planning process. Funding sources for Fiscal Year 2015-2016 FPP's have not yet been confirmed.

IV. Locally funded current and future projects

CAÑADA COLLEGE – BUILDING 1 CENTER FOR KINESIOLOGY AND DANCE

Project Description: The CCCCCO previously approved this FPP under the project name “Building 1 Physical Education Conversion & Code Compliance Upgrade.” At the request of the College, the FPP was revisited prior to resubmittal in 2011 to ensure that it reflected the current needs and priorities of the College, and was renamed as part of this process. Upon further study, staff has determined that the facility requirements associated with the College's planned instructional programs will exceed the limitations of the State Capital Outlay Process, particularly the inclusion of an Aquatics Complex in the project. In view of the desired scope for this project, the growing backlog of projects in the queue for Capital Outlay funding, and continuing indications from the CCCCCO that physical education projects will not be prioritized for funding, the administration has elected to remove this project from the Capital Outlay funding queue, and to utilize future local general obligation bond funds to insure the project meets the needs of the institution. Consideration is being given to demolition and replacement of Building 1, in lieu of renovation of the existing 43 year old Building. Programs housed in this facility will allow completion of certificate degrees and transfers in Kinesiology, Fitness Professional, and Dance. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX¹ requirements. In addition, this project will add a classroom dedicated to the advancement of the Kinesiology and Fitness Professional programs.

Total Project Cost: A conceptual cost estimate for this project is \$32.500 million, to be funded by a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

CAÑADA COLLEGE – SOLAR ARRAY

Project Description: As part of a Districtwide study to explore opportunities to improve sustainability of operations, reduce utility expenditures, and model environmental stewardship to its students and to the community, the District commissioned a report to identify possible locations for a solar array on Cañada's campus. The location was selected to provide maximum return on investment to the District. Consideration of campus functionality and the possibility of additional future expansion of campus facilities outside the range of time anticipated in this plan were also taken into account.

Total Project Cost: The cost estimate for this project is \$5.000 million. This project is to be funded via a future general obligation bond. Alternate funding sources, including PG&E incentives and Proposition 39 funding will also be pursued.

Status: Design will commence upon identification of funding.

¹ Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

CAÑADA COLLEGE - SCIENCE/ALLIED HEALTH/WORKFORCE DEVELOPMENT BUILDING

Project Description: The Facilities Master Plan identifies two possible locations for a new Science, Allied Health, and Workforce Development Building. Either location would help to anchor and define the North Quad area of the campus. The new building should also house large lecture halls to improve the utilization of campus facilities.

Total Project Cost: A conceptual cost estimate for this project is \$40.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO - EDISON PARKING LOT PROJECT

Project Description: Building 20 and the associated greenhouses are nearly 50 years old, in great disrepair, non-ADA compliant and grossly underutilized (most programs that had been located there have moved to the new College Center). The Board of Trustees approved the discontinuance of the Horticulture program. In addition, the one classroom located in Building 20 is not needed due to the fact that the College has added approximately 41,750 sq. ft. of new classroom, lab and office space over the past eight years. The District's facilities condition database indicates that all building systems in Building 20 are beyond their service life, except for the floor slab, exterior walls and roof. The FCI Facilities Condition Index for Building 20 is 68.36%, which indicates it is in very poor condition.

As a result, the Administration determined that it would be best to demolish Building 20 and the associated greenhouses; construct approximately 125-200 parking spaces (replacing 30-40 spaces now there); and retain a garden area to be used by science classes. Due to the opening of the new Building 10, new parking spaces on the east side of campus are definitely needed. The garden area (which currently is in great disrepair due to years of neglect) can be used for the plant species that are most critical to the College's biological sciences programs.

Total Project Cost: This project has an estimated cost of \$3.300 million and is funded by Measure A general obligation bond funds.

Status: The District plans to deliver this project via the Design-Build delivery method. The project is currently on hold pending resolution of legal challenges.

COLLEGE OF SAN MATEO - BUILDING 8 DEMOLITION AND NEW KINESIOLOGY BUILDING

Project Description: The CCCCO has previously approved this project for Capital Outlay funding; however, the project remains unfunded. Upon further study, staff has determined that the facility requirements associated with the College's planned instructional programs will exceed the limitations of the State Capital Outlay Process. In view of the desired scope for this project, the growing back log of projects in the queue for Capital Outlay funding, and continuing indications from the CCCCO that physical education projects will not be prioritized for funding, the administration has elected to remove this project from the Capital Outlay funding queue, and to utilize future local general obligation bond funds to insure the project meets the needs of the institution. Consideration is being given to demolition and replacement of Building 8, in lieu of renovation of the existing 43-year-old building. Programs housed in this facility will allow

completion of certificate degrees and transfers in Kinesiology, Fitness Professional, and Dance. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX requirements.

Total Project Budget: A conceptual cost estimate for this project is \$20.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO – BUILDING 1 DEMOLITION

Project Description: This Project will demolish Building 1 (24,930 GSF). Primary building occupants have moved into the locally funded, newly constructed, Building 10N. The 43-year-old Building 1 was constructed along with the core of the campus in 1963 and was among the first buildings built on the site. It has never undergone any substantive renovations or remodeling for the past 40 years. There are significant code compliance and infrastructure issues in the building. The building is tremendously inefficient with 24,930 gross square feet rendering only 15,954 square feet of assignable space. The cast-in-place concrete construction renders reconfiguration to meet code and infrastructure issues within an efficiently utilized space nearly impossible, and more costly than demolition and re-construction. If funds can be identified, the District would propose construction of a new code compliant and efficient District Computer Center on this site.

Total Project Cost: A conceptual cost estimate for this project is \$4.250 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO – BUILDING 3 THEATER MODERNIZATION

Project Description: This project proposes to complete the renovation of Building 3 Theater (27,027 GSF) to support the educational mission and performing arts at College of San Mateo. The theater has undergone partial renovations over the past 40 years; however, a substantive remodel and reconfiguration of spaces will address program needs and bring the facility into the 21st century. In addition to the programming changes, there are infrastructure issues that need to be corrected to meet the needs of the modern theater and associated support and office space. Included as part of this project will be classroom renovations including the introduction of smart classroom technologies, safety and security enhancements, installation of the District's electronic security system, improving the indoor air quality with substantive changes to the building's failing ventilations system, as well as modernizing zone controls, renovating restrooms, addressing ADA accessibility issues, installing a much-needed elevator and activating the Theater lobby.

Total Project Cost: A conceptual cost estimate for this project is \$5.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO - BUILDING 12 MODERNIZATION

Project Description: Building 12 is more than 45 years old and is the last building standing of the four that once housed science programs at College of San Mateo. In 2004, the College undertook construction of a new science facility using local bond funds to accommodate changing

programmatic needs and provide safer science facilities. After completion of the new facility, the space in Building 12 was classified as 'Unassigned' Room Type 050. As part of the Master Plan for reinvigoration of this campus, it is the intent of the College to renovate this inactive space to serve the growing requirement for multi-discipline lab and lab serve facilities. The existing electrical, plumbing, HVAC, data and security systems have exceeded their life cycle and serviceability. This project seeks to renovate and remodel approximately 8,990 assignable square feet of 'inactive' space for instructional and support facilities. In addition, the project provides elevator upgrades to address accessibility issues.

Total Project Cost: A conceptual cost estimate for this project is \$4.200 million, to be funded by a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO - BUILDING 7 FACILITY MAINTENANCE CENTER DEMOLITION & RECONSTRUCTION

Project Description: The Master Plan proposes to improve the College's ability to maintain its building assets by constructing a new Facilities Maintenance Center. The new center will replace the outdated and inadequate facility and provide appropriate administrative, operational, office, engineering, shop spaces and vehicle storage for the facilities and maintenance. The project scope also includes stabilization and upgrades for the corporation yard.

Total Project Cost: A conceptual cost estimate for this project is \$15 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

DISTRICT OFFICE / COLLEGE OF SAN MATEO – DATA CENTER AND PUBLIC SAFETY BUILDING

Project Description: This new building at the College of San Mateo site will provide for the consolidation of the rapidly increasing information technology functions that service this multi-college district and are a necessary component to the advancement of college programs into the digital age. The District Computer Center provides technical support for the computer needs of both the academic programs and the administrative units throughout the District. The District Computer Center will be responsible for the operation and maintenance of all computer equipment and software, telephone system, website support and management, programming, repair of computers, receipt and preloading of computers, instructional support for faculty, training, Q&A support, and even e-Waste disposition and recycling. Some of the functions are currently performed in 4,452 ASF of the District Office building. Because of the inability to provide additional space in the building, the remaining functions are performed by using 9,000 ASF of swing space on the College of San Mateo campus which is scheduled to be demolished. Location of this new facility on the footprint of Building 1 on the College of San Mateo Campus is under consideration. The estimated cost noted below assumes this location, and includes the cost of demolition of Building 1, relocation of utilities as necessary, and accommodation of Districtwide and College of San Mateo Public Safety staff.

Total Project Cost: A conceptual cost estimate for this project is \$20.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE – BUILDINGS 19 & 20, PACIFIC HEIGHTS DEMOLITION AND NORTH CAMPUS IMPROVEMENTS

Project Description: This project proposes to demolish two obsolete buildings, Buildings 19 and 20, located in the Pacific Heights section of the Skyline College campus. The project removes 26,832 ASF from the campus space inventory including 14,806 ASF of classroom, 7,870 ASF of class laboratory, 3,442 ASF of office, and 714 of other space. The project will terminate all utilities, remove all debris from the site, and landscape the area vacated by the buildings in a manner consistent with the existing campus.

Total Project Cost: A conceptual cost estimate for this project is \$10.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE – ENVIRONMENTAL STUDIES

Project Description: With the increased sensitivity to and the growth in the green technologies, the College has experienced a growth in the in the environmental sciences program. The program is currently housed in scattered locations around the campus. This new building is to serve as a model for sustainability and a home to the programs that support these new technologies.

Total Project Cost: A conceptual cost estimate for this project is \$14.700 million.

Status: Design will commence upon identification of funding.

SKYLINE COLLEGE - CENTER FOR KINESIOLOGY AND HUMAN PERFORMANCE

Project Description: The project proposes construction of 118,600 ASF/154,190 GSF of new facilities to respond to the growing demand for programs in fitness and wellness. These physical fitness programs at the College represent more than a third of the physical education program enrollment with 157 FTEs in 2006-2007; in the past, it has been as high as 271 FTEs. The demand is becoming difficult to keep pace with due to the competition in the use of existing PE spaces, many of which are not constructed to adequately support the fitness programs and are required for use in the other physical education programs which are growing as well. The Wellness Center facilities will include Fitness Training, Spinning classes, Sports Medicine Training, and an area for Yoga, Dance & Pilates. These spaces are significantly different than the main gym floor and the weight rooms that currently make up the main gym. In addition, the planned location of this building near the new Cosmetology/Multicultural Building, constructed using local funds, brings the Cosmetology & Wellness programs together and will allow the programs to appeal to a broader audience of students and public patrons who might not be aware of the diverse offerings that Skyline College can provide. In preparation for construction of this facility, temporary Buildings 31, 32, 33, 34 and 35 will be demolished.

Total Project Cost: A conceptual cost estimate for this project is \$77.500 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE AND COLLEGE OF SAN MATEO – RENEWABLE AND ALTERNATIVE ENERGY PROJECTS

Project Description: As part of a Districtwide study to explore opportunities to improve sustainability of operations, reduce utility expenditures, and model environmental stewardship to its students and to the community, the District is working to identify possible types and locations for renewable and alternative energy installations. Technologies being considered include micro-wind turbines, fuel cells and / or micro-turbine co-generation units. Potential installations will be evaluated based upon proven performance track records, integration with campus aesthetics and operations, and financial performance. Consideration of campus functionality and the possibility of additional future expansion of campus facilities outside the range of time anticipated in this plan will also be taken into account.

Total Project Cost: Project costs cannot be estimated at this time, pending identification of appropriate technologies and locations for installations. This project is to be funded via a future general obligation bond. Alternate funding sources, including PG&E incentives and Proposition 39 funding will also be pursued.

Status: Design will commence upon identification of funding.

RECOMMENDATION

It is recommended that the Board of Trustees authorize submission of the District's 2015-2019 Five-Year Capital Construction Plan to the California Community Colleges Chancellor's Office, along with related Initial and Final Project Proposals seeking State Capital Outlay Funding.

BOARD REPORT NO. 14-6-105B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: Karen D. Powell, Director, Facilities Maintenance & Operations, 358-6808

APPROVAL OF 2016-2020 FIVE-YEAR CAPITAL CONSTRUCTION PLAN

On June 17, 2013 (Board Report No. 13-6-104B), the Board authorized submittal of the District's 2015-2019 Five-Year Capital Construction Plan (5YCP) and the related Initial Project Proposals (IPP's) and Final Project Proposals (FPP's) to the California Community Colleges Chancellor's Office (CCCCO). The authorization was in accordance with the Community College Construction Act and both the Education Code Section 81800, *et seq.*, and State Administrative Manual 6610. The plan constitutes the first part of the capital outlay proposal process and was prepared according to current guidelines.

The CCCCCO reviews and evaluates submitted plans for conformance to existing guidelines and potential for funding. Competition is increasingly fierce in light of the Legislature's decisions not to put statewide bonds on the 2008, 2010 or 2012 ballots. Because of the lack of a statewide bond, in 2008, the CCCCCO unapproved two years' worth of projects (including six District projects) previously approved for the 2009-2010 and 2010-2011 funding cycles. With these projects, along with those submitted in 2011 and 2012, a significant and growing backlog of projects is now competing for limited funding. With the majority of this funding guaranteed for life-safety projects, the San Mateo County Community College District was fortunate that in 2011 the CCCCCO approved FPP's submitted for the modernization of Cañada College's Multiple Program Instructional Center (Building 13), College of San Mateo Emerging Technologies Center Project (Building 19) and the Skyline College Workforce and Economic Development Prosperity Center (Building 2). In the intervening years, absent a statewide bond and the associated funding to implement the projects, the CCCCCO has moved these three approved projects forward from fiscal year to fiscal year; the CCCCCO has now scheduled them for fiscal year 2016-2017. These three projects continue to be carried on the CCCCCO list of "approved" projects, to be funded by a future successful statewide bond, potentially on the November 2014 ballot. Because the CCCCCO has continued to carry these three FPP's as approved, the District will not submit new FPP's in this planning cycle, as only one project per campus will be approved per planning cycle. Three new IPP's for fiscal year 2017-2018 are included in this years' submittal.

In preparing and submitting the 2016-2020 plan, the District maintains its priorities with regard to funding improvements for (1) buildings and facilities, (2) improvements and modifications to meet the needs of the physically limited, and (3) response to safety concerns.

This report is broken down into three categories:

- I. Past Fiscal Year State Capital Outlay Projects (Approved, State funding available)
- II. Fiscal Year 2016-2017 State Capital Outlay Projects (Approved, but State funding not available)
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Each project is described under these sections and this report is meant to give the Board and community a detailed understanding of the projects anticipated to be implemented in the 2016-2020 timeframe.

I. Past Fiscal Year State Capital Outlay Projects (Approved, State funding available)

COLLEGE OF SAN MATEO – NORTH GATEWAY PROJECT (Demolition of Seismic Hazardous Buildings 21-29)

Project Description: This project has removed seismic hazards from the College of San Mateo. Four buildings on the CSM campus, Buildings 21, 23, 25, and 27, were rated F in a seismic survey and by additional structural analysis. Some of the buildings contained hazardous materials, which could have been widely dispersed in the event of a structural collapse. The project removed these dangers through demolition of Buildings 21-29 and will repair and reconfigure the site with accessible pathways, recreating the Galileo Parking Lot (Lot 6), replace landscaping, install energy efficient LED lighting and construct a student gathering space. Additionally, load center #4 of the site's main electrical distribution system was decommissioned due to safety concerns stemming from water infiltration into the vault. The creation of new load center #8 as part of the first phase of this project allowed the contractors to safely disable the electrical system prior to the demolition of the buildings. In order to expedite resolution of the safety issues associated with the required replacement of load center #4 with the new load center #8, the work included in this project was separated into three phases: load center work, hazardous materials abatement, and building demolition and site construction.

Total Project Cost: This project has an estimated cost of approximately \$18.552 million. State Capital Outlay funds of \$10.907 million have been approved by the CCCCCO, supplemented by \$7.645 million in Measure A general obligation bond funds.

Status: Phase I, Load Center #8, commenced in December 2010 and is now complete. The new load center #8 has been constructed, installation of electrical equipment has been completed and the electrical cutover from load center #4 to load center #8 occurred in June of 2011. All Phase I work is complete.

Phase II, hazardous materials abatement was completed in 2012.

Phase III, including demolition of buildings No. 21-29, on-site recycling of building materials for incorporation into the work as aggregate base for the new parking lots, parking lot pavement, striping, energy efficient LED lighting, landscaping and construction of the new Plaza of the Sun are now underway.

II. Fiscal Year 2016-2017 State Capital Outlay Projects (Approved, but State funding not available)

CAÑADA COLLEGE – BUILDING 13 MULTIPLE PROGRAM INSTRUCTIONAL CENTER

Project Description: This project involves the modernization of the academic classroom Building 13. The building was one of the original instructional buildings built on the Cañada campus in 1968. The project proposes code upgrades to 12,110 gross square feet (GSF) of restroom facilities, corridors and vertical circulation systems. The modernization will serve several purposes. This modernization will improve facility accessibility for ADA compliance and replace building finishes and components that have exceeded their service life expectancy. The project will replace the mechanical and electrical systems. Modernization of faculty offices is a part of this proposed project

Total Project Cost: The reconstruction of this facility has an estimated total project cost of approximately \$18.986 million, with \$9.686 million requested from State Capital Outlay funding, supplemented by \$9.300 million in local funds.

Status: Based on the assumption that a statewide bond is passed by the voters, design would commence in late 2016 with construction starting in early 2018. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2019-2020.

COLLEGE OF SAN MATEO – BUILDING 19 EMERGING TECHNOLOGIES CENTER

Project Description: The 45 year-old Building 19 will be renovated and modernized to provide a state of the art technology-learning center. By using internal connectivity with high-end capacity the facilities are better able to resist obsolescence under the constantly changing technology of education. This enables the adoption of new pedagogical program software and means of education delivery as they become available.

Improvements will be made in the electrical systems to support the rising demand of this technology. Mechanical systems will be updated with Direct Digital Controls (DDC) and zone controls to maximize energy efficiency. Plumbing systems will be renovated to reduce water usage. The exterior envelope performance will be increased by higher performing glazing systems. Every effort will be made to incorporate the principles of sustainability in the final design. Architectural barriers will be removed providing access to all. An elevator will be added to the second floor and the building will be designed to exceed Title 24 standards.

Total Project Cost: The total project cost is approximately \$21.243 million, with \$13.064 million requested State Capital Outlay funding, supplemented by \$8.179 million in local funds.

Status: Based on the assumption that a statewide bond is passed by the voters, design would commence in late 2016 with construction starting in early 2018. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2019-2020.

SKYLINE COLLEGE – BUILDING 2 WORKFORCE DEVELOPMENT AND ECONOMIC PROSPERITY CENTER

Project Description: This project provides a readily accessible integrated service center that responds to the need to link services, benefits, opportunities, and instruction to build on the State's investment in workforce and economic development and to strengthen the connections of the public to benefits and opportunities that help build personal and community economic sustainability. In particular, it addresses the specific needs of students by linking their educational experience with the job market and long term careers. The services consist of three strands: employment/career services, income/work supports, and financial services/asset building.

This 10,930 assignable square feet (ASF) facility includes a job placement center, resource libraries, international trade and development center, center for workforce development, and an English language institute. To be located in Building 2, part of the project includes activating 7,897 ASF of unassigned space.

Total Project Cost: The total project budget is estimated to be \$26.085 million, with \$18.393 million in requested State Capital Outlay funding, supplemented by \$7.692 million in local funds.

Status: Based on the assumption that a statewide bond is passed by the voters, design would commence in late 2016 with construction starting in early 2018. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2019-2020.

III. Fiscal Year 2017-2018 State Capital Outlay Projects (Submitted for future funding consideration)

CAÑADA COLLEGE – BUILDING 3 PERFORMING ARTS CENTER TECHNOLOGY AND ENVIRONMENTAL MODERNIZATION

Project description: This IPP addresses academic issues brought about by changes in pedagogy over the past 20 years. Significant changes have occurred in the technologies that support the teaching of the fine arts, especially photography, as well as the theater and the theater support areas. Lighting, sound systems and backstage support rooms require renovation in order to properly train students in the use of these new technologies.

The photography program spaces need to be reconfigured to provide a safer and cleaner working environment. Existing utility infrastructure systems (e.g. electrical, mechanical, data, elevator, security, etc.) all require upgrades to comply with current codes and improve the learning environment.

Total Project Cost: The total project cost is approximately \$18.746 million, with \$13.122 million requested State Capital Outlay funding, supplemented by \$5.624 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2017-2018 planning process. Funding sources for Fiscal Year 2017-2018 FPP's have not yet been confirmed.

COLLEGE OF SAN MATEO – BUILDING 9 MODERNIZATION LEARNING RESOURCE CENTER

Project Description: The library at College of San Mateo was constructed in 1963 and houses the learning resource functions and a television studio. The building has seen minor remodeling and a seismic upgrade over the past 40 years and is need of a major modernization to provide the media and library technologies relevant to today and conform to current codes, particularly ADA.

This IPP proposes to modernize 49,402 GSF in the heart of the campus. It upgrades internal spaces of the library to address the infusion of the digital elements so prevalent in library systems of today. It reconditions the distance learning TV studio and support spaces to provide for the audio and video elements essential to broadcasting in a digital environment.

The project also addresses the inadequacy of the utility systems, acoustics, and environmental controls of the building.

Total Project Cost: The total project cost is approximately \$15.618 million, with \$10.932 million requested State Capital Outlay funding, supplemented by \$4.686 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2017-2018 planning process. Funding sources for Fiscal Year 2017-2018 FPP's have not yet been confirmed.

SKYLINE COLLEGE – BUILDING 5 LEARNING RESOURCE CENTER TECHNOLOGY AND ENVIRONMENTAL UPGRADE

Project description: This IPP proposes to address program issues related to the library/LRC. Substantial changes in the technologies supporting library and LRC programs have occurred rapidly during the last 10 years. This project addresses these changes by reconfiguring spaces to incorporate techno-media-internet elements into the program. In addition, the project incorporates energy saving technologies, sustainability and, in general, reduction of operating costs of this high cost building. The project also results in reestablishment of points of access/egress to respond to the preferred path used by students to get to the parking lots; use of the single door at the loading dock has resulted in a potential danger to students who seek the shortest distance to the lot.

Total Project Cost: The total project cost is \$19.181 million, with \$13.427 million requested State Capital Outlay funding, supplemented by approximately \$5.754 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2017-2018 planning process. Funding sources for Fiscal Year 2017-2018 FPP's have not yet been confirmed.

IV. Locally funded current and future projects

CAÑADA COLLEGE – BUILDING 1 DEMOLITION AND NEW CENTER FOR KINESIOLOGY AND DANCE

Project Description: The CCCCCO previously approved this FPP under the project name “Building 1 Physical Education Conversion & Code Compliance Upgrade.” At the request of the College, the FPP was revisited prior to re-submittal in 2011 to ensure that it reflected the current needs and priorities of the College, and was renamed as part of this process. Upon further study, staff has determined that the facility requirements associated with the College's planned instructional programs will exceed the limitations of the State Capital Outlay Process, particularly the inclusion of an Aquatics Complex in the project. In view of the desired scope for this project, the growing backlog of projects in the queue for Capital Outlay funding, and continuing indications from the CCCCCO that physical education projects will not be prioritized for funding, the administration has elected to remove this project from the Capital Outlay funding queue, and to utilize future local general obligation bond funds to insure the project meets the needs of the institution. Consideration is being given to demolition and replacement of Building 1, in lieu of renovation of the existing 43 year old Building. Programs housed in this facility will allow completion of certificate degrees and transfers in Kinesiology, Fitness Professional, and Dance. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX¹ requirements. In addition, this project will add a classroom dedicated to the advancement of the Kinesiology and Fitness Professional programs.

Total Project Cost: A conceptual cost estimate for this project is approximately \$40.700 million, to be funded by a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

¹ Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

CAÑADA COLLEGE – SOLAR ARRAY

Project Description: As part of a Districtwide study to explore opportunities to improve sustainability of operations, reduce utility expenditures, and model environmental stewardship to its students and to the community, the District commissioned a report to identify possible locations for a solar array on Cañada's campus. The location was selected to provide maximum return on investment to the District. Consideration of campus functionality and the possibility of additional future expansion of campus facilities outside the range of time anticipated in this plan were also taken into account. SMCCCD's proven track record of successful energy efficiency projects and demand response initiatives resulted in this project receiving the first Proposition 39 funding for a sustainable energy generation project in the state, and only to date.

Total Project Cost: The budget for this project is \$5.000 million. This project is funded via Proposition 39 energy efficiency project funds, California Solar Initiative Incentives and the District's accumulated energy efficiency rebate and incentive fund.

Status: Design is complete and installation is underway with an expected completion date of October 2014.

CAÑADA COLLEGE – SCIENCE AND TECHNOLOGY BUILDING

Project Description: The Facilities Master Plan identified two possible locations for a new Science, Allied Health, and Workforce Development Building. The site east of Building 22 and west of Building 18 has been determined will best define the new North Quad to be developed as a part of this project. The new building will also house large lecture halls to improve the utilization of campus facilities.

Total Project Cost: A conceptual cost estimate for this project is approximately \$30.957 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO – EDISON PARKING LOT (DEMOLITION OF Bldg 20 & 20A)

Project Description: Building 20 and the associated greenhouses are nearly 50 years old, in great disrepair, non-ADA compliant and grossly underutilized (most programs that had been located there have moved to the new College Center). The Board of Trustees approved the discontinuance of the Horticulture program. In addition, the one classroom located in Building 20 is not needed due to the fact that the College has added approximately 41,750 sq. ft. of new classroom, lab and office space over the past eight years. The District's facilities condition database indicates that all building systems in Building 20 are beyond their service life, except for the floor slab, exterior walls and roof. The FCI Facilities Condition Index for Building 20 is 68.36%, which indicates it is in very poor condition.

As a result, the Administration determined that it would be best to demolish Building 20 and the associated greenhouses; construct approximately 125-200 parking spaces (replacing 30-40 spaces now there); and retain a garden area to be used by science classes. Due to the opening of the new Building 10, new parking spaces on the east side of campus are definitely needed. The garden area (which currently is in great disrepair due to years of neglect) can be used for the plant species that are most critical to the College's biological sciences programs.

Total Project Cost: This project has an estimated cost of approximately \$3.300 million and is funded by Measure A general obligation bond funds.

Status: The District plans to deliver this project via the Design-Build delivery method. The project is currently on hold pending resolution of legal challenges.

COLLEGE OF SAN MATEO – BUILDING 8 DEMOLITION AND NEW KINESIOLOGY BUILDING

Project Description: The CCCCOC has previously approved this project for Capital Outlay funding; however, the project remains unfunded. Upon further study, staff has determined that the facility requirements associated with the College's planned instructional programs will exceed the limitations of the State Capital Outlay Process. In view of the desired scope for this project, the growing back log of projects in the queue for Capital Outlay funding, and continuing indications from the CCCCOC that physical education projects will not be prioritized for funding, the administration has elected to remove this project from the Capital Outlay funding queue, and to utilize future local general obligation bond funds to insure the project meets the needs of the institution. Consideration is being given to demolition and replacement of Building 8, in lieu of renovation of the existing 43-year-old building. Programs housed in this facility will allow completion of certificate degrees and transfers in Kinesiology, Fitness Professional, and Dance. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX^[1] requirements.

Total Project Budget: A conceptual cost estimate for this project is approximately \$35.000 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO – BUILDING 1 MODERNIZATION

Project Description: This Project proposes to modernize Building 1 (24,930) GSF. The 43-year-old Building 1 was constructed along with the core of the campus in 1963 and was among the first buildings built on the site. The building currently houses Public Safety, Health Services, Psychology Counseling Services, CSEA, and Community Education. It has never undergone any substantive renovations or remodeling over the past 40 years and is in need of major modernization to conform to current code, particularly ADA. The project also addresses the inadequacy of the utility infrastructure, acoustics, and environmental controls of the building. The intent of this project is to modernize the building to accommodate the aforementioned services in a safe, accessible, and efficient manner.

Total Project Cost: A conceptual cost estimate for this project is approximately \$12.500 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

^[1] Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

COLLEGE OF SAN MATEO – BUILDING 3 THEATER MODERNIZATION

Project Description: This project proposes to complete the renovation of Building 3 Theater (27,027 GSF) to support the educational mission and performing arts at College of San Mateo. The theater has undergone partial renovations over the past 40 years; however, a substantive remodel and reconfiguration of spaces will address program needs and bring the facility into the 21st century. In addition to the programming changes, there are infrastructure issues that need to be corrected to meet the needs of the modern theater and associated support and office space. Included as part of this project will be classroom renovations including the introduction of smart classroom technologies, safety and security enhancements, installation of the District's electronic security system, improving the indoor air quality with substantive changes to the building's failing ventilations system, as well as modernizing zone controls, renovating restrooms, addressing ADA accessibility issues, installing a much-needed elevator and activating the Theater lobby.

Total Project Cost: A conceptual cost estimate for this project is approximately \$5.511 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

COLLEGE OF SAN MATEO – BUILDING 12 MODERNIZATION

Project Description: Building 12 is more than 45 years old and is the last building standing of the four that once housed science programs at College of San Mateo. In 2004, the College undertook construction of a new science facility using local bond funds to accommodate changing programmatic needs and provide safer science facilities. After completion of the new facility, the second floor space in Building 12 was classified as 'Unassigned' Room Type 050 and used for temporary housing for various groups, including faculty offices, construction management and construction offices and use by outside agencies. As part of the Master Plan for reinvigoration of this campus, it is the intent of the College to renovate this inactive space to serve the growing requirement for multi-discipline lab and lab serve facilities. The existing electrical, plumbing, HVAC, data and security systems have exceeded their life cycle and serviceability. This project seeks to renovate and remodel approximately 8,990 assignable square feet of 'inactive' space for instructional and support facilities. In addition, the project provides elevator upgrades to address accessibility issues.

Total Project Cost: A conceptual cost estimate for this project is approximately \$5.361 million, to be funded by a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

DISTRICT OFFICE / COLLEGE OF SAN MATEO – DATA CENTER BUILDING

Project Description: This new 15,000 GSF building will provide for the consolidation of the rapidly increasing information technology functions that service this multi-college district. The District Computer Center provides critical technical support for the computer needs of both the academic programs and the administrative units throughout the District. The District Computer Center will be responsible for the centralized operation and maintenance of all computer equipment, software, network, telephone system, website support and management, programming, repair of computers, receipt and preloading of computers, instructional support for faculty, training, Q&A support, and even e-Waste disposition and recycling. Some of the functions are currently performed in 4,452 ASF of the District Office building. Because of the inability to provide additional space in

the building, the remaining functions are performed by using 5,500 ASF of swing space on the College of San Mateo campus which is scheduled to be demolished. Location of this new facility on the on the College of San Mateo Campus is under consideration.

Total Project Cost: A conceptual cost estimate for this project is approximately \$9.750 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE – BUILDINGS 19 & 20, PACIFIC HEIGHTS DEMOLITION AND NORTH CAMPUS IMPROVEMENTS

Project Description: This project proposes to demolish two hazardous buildings, Buildings 19 and 20, located in the Pacific Heights section of the Skyline College campus. The project removes 26,832 ASF from the campus space inventory including 14,806 ASF of classroom, 7,870 ASF of class laboratory, 3,442 ASF of office, and 714 of other space. The project will terminate all utilities, remove all debris from the site, and landscape the area vacated by the buildings in a manner consistent with the existing campus.

Total Project Cost: A conceptual cost estimate for this project is approximately \$7.500 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE – ENVIRONMENTAL STUDIES

Project Description: With the increased sensitivity to and the growth in green technologies, the College has experienced a huge growth in the environmental sciences program. The program is currently housed in scattered locations around the campus. This new 14,250 ASF building is to serve as a model for sustainability and a home to the programs that support these new technologies.

Total Project Cost: A conceptual cost estimate for this project is approximately \$7.837 million.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE – CENTER FOR KINESIOLOGY AND HUMAN PERFORMANCE

Project Description: The project proposes construction of 118,600 ASF/154,190 GSF of new facilities to respond to the growing demand for programs in fitness and wellness. These physical fitness programs at the College represent more than a third of the physical education program enrollment with 157 FTEs in 2006-2007; in the past, it has been as high as 271 FTEs. The demand is becoming difficult to keep pace with due to the competition in the use of existing PE spaces, many of which are not constructed to adequately support the fitness programs and are required for use in the other physical education programs which are growing as well. The Wellness Center facilities will include Fitness Training, Spinning classes, Sports Medicine Training, and an area for Yoga, Dance & Pilates. These spaces are significantly different than the main gym floor and the weight rooms that currently make up the main gym. In addition, the planned location of this building near the new Cosmetology/Multicultural Building, constructed using local funds, brings the Cosmetology & Wellness programs together and will allow the programs to appeal to a broader audience of students and public patrons who might not be aware of the diverse offerings that Skyline College can provide.

In preparation for construction of this facility, temporary Buildings 31, 32, 33, 34 and 35 will be demolished.

Total Project Cost: A conceptual cost estimate for this project is approximately \$75.553 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE – VISUAL AND PERFORMING ARTS COMPLEX

Project Description: This project replaces the 77,587 GSF Fine Arts Building (Building 1). Built in 1969, the building is in need of extensive modernization to the extent that replacement becomes the more practical solution. The building provides teaching and learning spaces for the arts and social sciences including theatre, photography, painting, ceramics, music, digital arts, dance, paralegal, administration of justice, philosophy, psychology, history, sociology and the Spark Point Center.

Total Project Cost: A conceptual cost estimate for this project is approximately \$100 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

SKYLINE COLLEGE – REMOVAL OF PORTABLES-BUILDINGS 31, 32, 33, 34 AND 35

Project Description: Removal of buildings 31-35 and portables 3A-3E in accordance with the District's ongoing commitment to reduce or eliminate use of temporary facilities in accordance with CCCO guidelines.

Total Project Cost: A conceptual cost estimate for this project is \$1.163 million. This project is to be funded via a future general obligation bond.

Status: Design will commence upon voter approval of a future general obligation bond.

RECOMMENDATION

It is recommended that the Board of Trustees authorize submission of the District's 2016-2020 Five-Year Capital Construction Plan to the California Community Colleges Chancellor's Office, along with related Initial and Final Project Proposals seeking State Capital Outlay Funding.



SAN MATEO COUNTY
COMMUNITY
COLLEGE DISTRICT

CAPITAL & TECHNOLOGY NEEDS

PROPOSED PROJECTS AT \$388M

JULY 9, 2014



Cañada College Capital & Technology Needs

Project	Bldg. #	Funding Needed	Description	Adjusted Amount
Math/Science & Engineering Building	TBD	\$42,250,000	New Construction	\$40,000,000
Kinesiology and Wellness Building	1	\$50,000,000	Demo & New Construction	\$55,000,000
Multiple Disciplinary Instructional Building (FPP)	13	\$9,400,000	ADA, Seismic & Modernization (\$9.6M/\$9.4M)	10,000,000
Renewable and Alternative Energy Projects	n/a	\$5,000,000	Infrastructure	—
Humanities Building	3	\$15,000,000	ADA, Seismic & Modernization	5,000,000
Library & Learning Resource Center Reconfiguration	9	\$7,000,000	ADA, Seismic & Modernization	—
Northwest Campus Development	n/a	\$3,000,000	Infrastructure	—
Subtotal:		\$131,650,000	Adjusted Total:	\$110,000,000

College of San Mateo Capital & Technology Needs

Project	Bldg. #	Funding Needed	Description	Adjusted Amount
Kinesiology and Wellness Building	8	\$35,000,000	Demo & New Construction	\$40,000,000
Public Safety and Multi-Disciplinary Building	1	\$12,465,000	ADA, Seismic & Modernization	\$5,000,000
Health and Wellness Center Expansion	5	\$30,000,000	New Construction	\$30,000,000
Engineering/Emerging Technologies Building (FPP)	19	\$8,500,000	ADA, Seismic & Modernization (\$13M/\$8.5M)	\$15,000,000
Facilities Maintenance Center & Corp Yard	7	\$12,000,000	Demo & New Construction	—
Library/Learning Resource Building	9	\$10,000,000	ADA, Seismic & Modernization	\$10,000,000
Humanities and Arts Building	3	\$10,000,000	ADA, Seismic & Modernization	\$3,000,000
Multi-Disciplinary Building	12	\$4,000,000	ADA, Seismic & Modernization	\$2,000,000
Subtotal:		\$121,965,000	Adjusted Total	\$105,000,000

Skyline College Capital & Technology Needs

Project	Bldg. #	Funding Needed	Description	Adjusted Amount
Social Science and Creative Arts Building	1	\$97,500,000	Demo & New Construction	\$100,000,000
Workforce and Economic Development Prosperity Center (FPP)	2	\$8,000,000	ADA, Seismic & Modernization (\$18M/\$8M)	—
Pac Heights Demolition & North Campus Improvements	19	\$5,500,000	Demo & New Construction	\$3,000,000
Library/Learning Resource Building	5	\$10,000,000	ADA, Seismic & Modernization	\$10,000,000
Early Childhood Education Building	14	\$5,500,000	ADA, Seismic & Modernization	\$2,000,000
Kinesiology and Wellness Building	n/a	\$100,750,000	New Construction	—
Environmental Science Building	n/a	\$25,000,000	New Construction	\$12,000,000
Subtotal:		\$252,250,000	Adjusted Total:	\$127,000,000

District Wide Capital Needs

Project	Bldg. #	Funding Needed	Description	Adjusted Amount
Classroom Furniture & Equipment	n/a	\$20,000,000	Colleges	\$5,000,000
Parking Lot and Roadway Repair/Resurface	n/a	\$15,000,000	Infrastructure	\$20,000,000
Campus Utilities Upgrades and Repairs	n/a	\$7,800,000	Infrastructure	\$15,000,000
Network Infrastructure and Phone System Upgrade	n/a	\$35,000,000	Infrastructure	
Swing Space	n/a	\$6,000,000	Infrastructure	—
Surveillance/Camera/ACAMs/EAS Upgrades	n/a	\$3,000,000	Infrastructure	\$1,000,000
Technology Upgrades	n/a	\$47,000,000	Infrastructure	—
Data Center	n/a	\$20,000,000	Infrastructure	—
Renewable and Sustainable Energy Projects	n/a	\$10,000,000	Infrastructure	\$5,000,000
Subtotal:		\$163,800,000	Adjusted Total:	\$46,000,000

District Wide & College Capital & Technology Needs Summary

Facility	Funding Needed	Adjusted Total Amount
Cañada College	\$131,650,000	\$110,000,000
College of San Mateo	\$121,965,000	\$105,000,000
Skyline College	\$252,250,000	\$127,000,000
District Wide	\$163,800,000	\$46,000,000
Grand Total:	\$669,665,000	\$388,000,000

Question & Answer

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SAN MATEO COUNTY
COMMUNITY
COLLEGE DISTRICT

CAPITAL & TECHNOLOGY NEEDS

PROPOSED PROJECTS AT \$477M

JULY 9, 2014



Cañada College Capital & Technology Needs

Project	Bldg. #	Funding Needed	Description	Adjusted Amount
Math/Science & Engineering Building	TBD	\$42,250,000	New Construction	\$40,000,000
Kinesiology and Wellness Building	1	\$50,000,000	Demo & New Construction	\$55,000,000
Multiple Disciplinary Instructional Building (FPP)	13	\$9,400,000	ADA, Seismic & Modernization (\$9.6M/\$9.4M)	10,000,000
Renewable and Alternative Energy Projects	n/a	\$5,000,000	Infrastructure	—
Humanities Building	3	\$15,000,000	ADA, Seismic & Modernization	5,000,000
Library & Learning Resource Center Reconfiguration	9	\$7,000,000	Infrastructure	—
Northwest Campus Development	n/a	\$3,000,000	Infrastructure	—
Subtotal:		\$131,650,000	Adjusted Total:	\$110,000,000

College of San Mateo Capital & Technology Needs

Project	Bldg. #	Funding Needed	Description	Adjusted Amount
Kinesiology and Wellness Building	8	\$35,000,000	Demo & New Construction	\$40,000,000
Public Safety and Multi-Disciplinary Building	1	\$12,465,000	ADA, Seismic & Modernization	\$5,000,000
Health and Wellness Center Expansion	5	\$30,000,000	New Construction	\$30,000,000
Engineering/Emerging Technologies Building (FPP)	19	\$8,500,000	ADA, Seismic & Modernization (\$13M/\$8.5M)	\$15,000,000
Facilities Maintenance Center & Corp Yard	7	\$12,000,000	Demo & New Construction	—
Library/Learning Resource Building	9	\$10,000,000	ADA, Seismic & Modernization	\$10,000,000
Humanities and Arts Building	3	\$10,000,000	ADA, Seismic & Modernization	\$3,000,000
Multi-Disciplinary Building	12	\$4,000,000	ADA, Seismic & Modernization	\$2,000,000
Subtotal:		\$121,965,000	Adjusted Total	\$105,000,000

Skyline College Capital & Technology Needs

Project	Bldg. #	Funding Needed	Description	Adjusted Amount
Social Science and Creative Arts Building	1	\$97,500,000	Demo & New Construction	\$100,000,000
Workforce and Economic Development Prosperity Center (FPP)	2	\$8,000,000	ADA, Seismic & Modernization (\$18M/\$8M)	—
Pac Heights Demolition & North Campus Improvements	19	\$5,500,000	Demo & New Construction	\$3,000,000
Library/Learning Resource Building	5	\$10,000,000	ADA, Seismic & Modernization	\$10,000,000
Early Childhood Education Building	14	\$5,500,000	ADA, Seismic & Modernization	\$2,000,000
Kinesiology and Wellness Building	n/a	\$100,750,000	New Construction	\$89,000,000
Environmental Science Building	n/a	\$25,000,000	New Construction	\$12,000,000
Subtotal:		\$252,250,000	Adjusted Total:	\$216,000,000

District Wide Capital Needs

Project	Bldg. #	Funding Needed	Description	Adjusted Amount
Classroom Furniture & Equipment	n/a	\$20,000,000	Colleges	\$5,000,000
Parking Lot and Roadway Repair/Resurface	n/a	\$15,000,000	Infrastructure	\$20,000,000
Campus Utilities Upgrades and Repairs	n/a	\$7,800,000	Infrastructure	\$15,000,000
Network Infrastructure and Phone System Upgrade	n/a	\$35,000,000	Infrastructure	
Swing Space	n/a	\$6,000,000	Infrastructure	—
Surveillance/Camera/ACAMs/EAS Upgrades	n/a	\$3,000,000	Infrastructure	\$1,000,000
Technology Upgrades	n/a	\$47,000,000	Infrastructure	—
Data Center	n/a	\$20,000,000	Infrastructure	—
Renewable and Sustainable Energy Projects	n/a	\$10,000,000	Infrastructure	\$5,000,000
Subtotal:		\$163,800,000	Adjusted Total:	\$46,000,000

District Wide & College Capital & Technology Needs Summary

Facility	Funding Needed	Adjusted Total Amount
Cañada College	\$131,650,000	\$110,000,000
College of San Mateo	\$121,965,000	\$105,000,000
Skyline College	\$252,250,000	\$216,000,000
District Wide	\$163,800,000	\$46,000,000
Grand Total:	\$669,665,000	\$477,000,000

Question & Answer

José D. Nuñez, LEED® AP

Vice Chancellor

Facilities Planning, Maintenance &
Operations

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BOARD REPORT NO. 15-3-112B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: José D. Nuñez, Vice Chancellor, Facilities Planning & Operations, 358-6836

AUTHORIZATION TO AWARD A DESIGN CONTRACT AND TO UTILIZE THE LEASE-LEASEBACK DELIVERY METHOD FOR CAÑADA COLLEGE KINESIOLOGY / WELLNESS CENTER (BUILDING 1) PROJECT

On November 24, 2014 a selection committee interviewed four pre-qualified, reputable Architectural and Engineering firms with expertise designing similar projects. The committee unanimously selected Bunton Clifford & Associates, Inc. (BCA), a local firm with headquarters in San Jose, California. BCA has successfully designed other projects for the District, including LEED Gold certified Facility Maintenance Centers at Cañada and Skyline Colleges, and most recently the Cañada College Building 5/6 Modernization project. Having successfully completed the project program, staff now recommends award of the design contract to BCA.

On January 14, 2015 staff provided an informational briefing on the Lease Lease-Back (LLB) delivery method (Board Report No. 15-1-2C). During that presentation, staff shared that the San Francisco Bay Area Peninsula is currently considered one the most active construction markets in the country. In this highly competitive market, reputable Contractors are being very selective about which projects they choose to pursue. LLB, as a selection process that fosters collaboration between Owner, Contractor and Architect is very appealing to reputable Contractors. For these reasons, and because LLB incorporates private sector Best Practices and affords greater Owner control of the project, staff believes that the LLB delivery method bears consideration for delivery of key projects for the third phase of the Capital Improvement Program (CIP). Staff now formally requests authorization to utilize the LLB delivery method to deliver the Cañada College Kinesiology / Wellness Project.

Design services for this project will be funded by Measure A general obligation bond and local Fund Four.

RECOMMENDATION

It is recommended that the Board of Trustees authorize the Executive Vice Chancellor to execute a contract with Bunton Clifford & Associates, Inc. for design services for the Cañada College Kinesiology / Wellness Project in an amount not to exceed \$4,558,250, and also authorize utilization of the Lease Lease-Back delivery method for the Cañada College Kinesiology / Wellness Project.

BOARD REPORT NO. 15-6-106B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: Karen D. Powell, Executive Director, Facilities Planning & Operations, 358-6808

APPROVAL OF 2017-2021 FIVE-YEAR CAPITAL CONSTRUCTION PLAN

On June 25, 2014 (Board Report No. 14-6-104B), the Board authorized submittal of the District's 2016-2020 Five-Year Capital Construction Plan (5YCP) and the related Initial Project Proposals (IPP's) and Final Project Proposals (FPP's) to the California Community Colleges Chancellor's Office (CCCCO). The authorization was in accordance with the Community College Construction Act and both the Education Code Section 81800, *et seq.*, and State Administrative Manual 6610. The plan constitutes the first part of the capital outlay proposal process and was prepared according to current guidelines.

The CCCCCO reviews and evaluates submitted plans for conformance to existing guidelines and potential for funding. Competition is increasingly fierce in light of the Legislature and Governor's decisions not to put statewide bonds on the 2008, 2010, 2012, or 2014 ballots. Because of the lack of a statewide bond, in 2008, the CCCCCO un-approved two years' worth of projects (including six District projects) previously approved for the 2009-2010 and 2010-2011 funding cycles. With these projects, along with those submitted in 2011, 2012, 2013 and 2014, a significant and growing backlog of projects is now competing for limited funding. The CCCCCO has indicated they will transfer previously approved FPP's for the modernization of Cañada College's Multiple Program Instructional Center (Building 13) and the Skyline College Workforce and Economic Development Prosperity Center (Building 2) to the next funding cycle, where these projects will have to re-compete against other submitted project proposals. Due to changes in planned project scope and approach, the College of San Mateo Emerging Technologies Center Project (Building 19) FPP has been converted to a locally funded project, and a new FPP developed for CSM Library Renovation (Building 9). Three new IPP's for fiscal year 2018-2019 are included in this year's submittal.

In preparing and submitting the 2017-2021 plan, the District maintains its priorities with regard to funding improvements for (1) buildings and facilities, (2) improvements and modifications to meet the needs of the physically limited, and (3) response to safety concerns.

This report is broken down into three categories:

- I. Past Fiscal Year State Capital Outlay Projects (Approved, Work underway)
- II. Fiscal Year 2017-2018 FPP's (Subject to approval and future funding)
- III. Fiscal Year 2018-2019 IPP's (Subject to approval and future funding)

Each project is described under these sections and this report is meant to give the Board and community an understanding of the projects anticipated to be implemented in the 2016-2020 timeframe.

I. Past Fiscal Year State Capital Outlay Projects (Approved, State funding available)**COLLEGE OF SAN MATEO – NORTH GATEWAY PROJECT
(Demolition of Seismic Hazardous Buildings 21-29)**

Project Description: This project has removed seismic hazards from the College of San Mateo. Four buildings on the CSM campus, Buildings 21, 23, 25, and 27, were rated F in a seismic survey and by additional structural analysis. Some of the buildings contained hazardous materials, which could have been widely dispersed in the event of a structural collapse. The project removed these dangers through demolition of Buildings 21-29 and will repair and reconfigure the site with accessible pathways, recreating the Galileo Parking Lot (Lot 6), replace landscaping, install energy efficient LED lighting and construct a student gathering space. Additionally, load center #4 of the site's main electrical distribution system was decommissioned due to safety concerns stemming from water infiltration into the vault. The creation of new load center #8 as part of the first phase of this project allowed the contractors to safely disable the electrical system prior to the demolition of the buildings. In order to expedite resolution of the safety issues associated with the required replacement of load center #4 with the new load center #8, the work included in this project was separated into three phases: load center work, hazardous materials abatement, and building demolition and site construction.

Total Project Cost: This project has an estimated cost of approximately \$18.552 million. State Capital Outlay funds of \$10.907 million have been approved by the CCCCCO, supplemented by \$7.645 million in Measure A general obligation bond funds.

Status: Phase I, Load Center #8, commenced in December 2010 and is now complete. The new load center #8 has been constructed, installation of electrical equipment has been completed and the electrical cutover from load center #4 to load center #8 occurred in June of 2011. All Phase I work is complete.

Phase II, hazardous materials abatement was completed in 2012.

Phase III includes demolition of Buildings 21-29, on-site recycling of building materials for incorporation into the work as aggregate base for the new parking lots, parking lot pavement, striping, energy efficient LED lighting, landscaping and construction of the new Plaza of the Sun. The project was interrupted during the Fall of 2014 when the District terminated the general contractors right to proceed under the contract and the issuer of the performance bond took over completion of the project. The parking lots are scheduled to be available to students Fall 2015, with final contract completion by October 2015.

II. Fiscal Year 2017-2018 FPP's**CAÑADA COLLEGE – BUILDING 13 MULTIPLE PROGRAM INSTRUCTIONAL CENTER**

Project Description: This project involves the modernization of the academic classroom Building 13. The building was one of the original instructional buildings built on the Cañada campus in 1968. The project proposes code upgrades to 12,110 gross square feet (GSF) of restroom facilities, corridors and vertical circulation systems. The modernization will serve several purposes, improving accessibility for ADA compliance and replacing building systems and finishes that have exceeded their service life expectancy. Modernization of faculty offices is a part of this proposed project.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$19.923 million, with \$7.194 million requested from State Capital Outlay funding, supplemented by \$12.729 million in local funds.

Status: Based on the assumption that the project is approved and a statewide bond is passed by the voters, design would commence in late 2017 with construction starting in 2019. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2020-2021.

SKYLINE COLLEGE – BUILDING 2 WORKFORCE DEVELOPMENT AND ECONOMIC PROSPERITY CENTER

Project Description: This project provides a readily accessible integrated service center that responds to the need to link services, benefits, opportunities, and instruction to build on the State's investment in workforce and economic development and to strengthen the connections of the public to benefits and opportunities that help build personal and community economic sustainability. In particular, it addresses the specific needs of students by linking their educational experience with the job market and long term careers. The services consist of three strands: employment/career services, income/work supports, and financial services/asset building.

This 10,930 assignable square feet (ASF) facility includes a job placement center, resource libraries, international trade and development center, center for workforce development, and an English language institute. To be located in Building 2, part of the project includes activating 7,897 ASF of unassigned space.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$26.320 million, with \$13.160 million in requested State Capital Outlay funding, supplemented by \$13.160 million in local funds.

Status: Based on the assumption that the project is approved and a statewide bond is passed by the voters, design would commence in late 2017 with construction starting in 2019. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2020-2021.

COLLEGE OF SAN MATEO – BUILDING 9 LIBRARY MODERNIZATION

Project Description: The library at College of San Mateo was constructed in 1963 and houses the learning resource functions and a television studio. The building has seen minor remodeling and a seismic upgrade over the past 40 years and is in need of a major modernization to provide the media and library technologies relevant to today and conform to current codes, particularly ADA.

This FPP proposes to modernize 49,402 GSF in the heart of the campus. It upgrades internal spaces of the library to address the infusion of the digital elements so prevalent in library systems of today. It reconditions the current KCSM Broadcast space for occupancy by District Information Technology Services, providing them with their first ever consolidated, efficiently configured space.

The project also addresses the inadequacy of the utility systems, acoustics, and environmental controls of the building.

Total Project Cost: The project estimate is currently being validated. The cost is expected to be approximately \$18.000 million, with fifty percent of requested State Capital Outlay funding, supplemented by an approximately equal match in local funds.

Status: Based on the assumption that the project is approved and a statewide bond is passed by the voters, design would commence in late 2017 with construction starting in 2019. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2020-2021.

III. Fiscal Year 2018-2019 IPP's

CAÑADA COLLEGE – BUILDING 3 PERFORMING ARTS CENTER TECHNOLOGY AND ENVIRONMENTAL MODERNIZATION

Project description: This IPP addresses challenges resulting from changes in pedagogy over the past 20 years. Significant changes have occurred in the technologies that support the teaching of the fine arts, especially photography, as well as the theater and the theater support areas. Lighting, sound systems and backstage support rooms require renovation in order to properly train students in the use of these new technologies.

The photography program spaces need to be reconfigured to provide a safer and cleaner working environment. Existing utility infrastructure systems (e.g. electrical, mechanical, data, elevator, security, etc.) all require upgrades to comply with current codes and improve the learning environment.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$20.043 million, with \$14.030 million requested State Capital Outlay funding, supplemented by \$6.013 million in local funds.

Status: If the CCCCOC approves this IPP, an FPP will be developed and submitted as part of the 2018-2021 planning process. Funding sources for Fiscal Year 2018-2019 FPP's have not yet been identified.

COLLEGE OF SAN MATEO – BUILDING 1 MODERNIZATION

Project Description: This Project proposes to modernize Building 1 (24,930) GSF. The 43-year-old Building 1 was constructed along with the core of the campus in 1963 and was among the first buildings built on the site. The building currently houses Public Safety, Health Services, Psychology Counseling Services, CSEA, and Community Education. It has never undergone any substantive renovations or remodeling over the past 40 years and is in need of major modernization to conform to current code, particularly ADA. The project also addresses the inadequacy of the utility infrastructure, acoustics, and environmental controls of the building. The intent of this project is to modernize the building to accommodate the aforementioned services in a safe, accessible, and efficient manner.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$8.733 million, with \$7.019 million requested State Capital Outlay funding, supplemented by \$1.754 million in local funds.

Status: If the CCCCOC approves this IPP, an FPP will be developed and submitted as part of the 2018-2021 planning process. Funding sources for Fiscal Year 2018-2019 FPP's have not yet been identified.

SKYLINE COLLEGE – BUILDING 5 LEARNING RESOURCE CENTER TECHNOLOGY AND ENVIRONMENTAL UPGRADE

Project description: This IPP proposes to address program issues related to the library/LRC. Substantial changes in the technologies supporting library and LRC programs have occurred rapidly during the last 10 years. This project addresses these changes by reconfiguring spaces to incorporate techno-media-internet elements into the program. In addition, the project incorporates energy saving technologies, sustainability and, in general, reduction of operating costs of this high cost building. The project also results in reestablishment of points of access/egress to respond to the preferred path used by students to get to the parking lots; use of the single door at the loading dock has resulted in a potential danger to students who seek the shortest distance to the lot.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$16.778 million, with \$8.389 million requested State Capital Outlay funding, supplemented by approximately \$8.389 million in local funds.

Status: If the CCCC approves this IPP, an FPP will be developed and submitted as part of the 2018-2021 planning process. Funding sources for Fiscal Year 2018-2019 FPP's have not yet been confirmed.

IV. Locally funded current and future projects

CAÑADA COLLEGE – BUILDING 1 DEMOLITION AND NEW CENTER FOR KINESIOLOGY AND HUMAN PERFORMANCE

Project Description: The existing 43 year old Gymnasium (Building 1) contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete and does not lend itself to reconfiguration. Therefore the structure will be demolished and replaced. The new structure will serve certificate programs and transfers in Kinesiology, Fitness Professional, and Dance, provide a new state-of-the-art gymnasium and health club to serve the community, along with two 25 meter pools, envisioned as part of the original campus master plan. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX¹ requirements. In addition, this project will add a classroom dedicated to the advancement of the Kinesiology and Fitness Professional programs.

Total Project Cost: A conceptual cost estimate for this project is approximately \$90.000 million, to be funded by Measure A and H general obligation bond funds and local funds.

Status: Design is underway. Construction is scheduled to begin mid-2016 with occupancy scheduled fiscal year 2018-2019.

COLLEGE OF SAN MATEO – BUILDING 19 EMERGING TECHNOLOGIES CENTER

Project Description: The 45-year-old Building 19 contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete which does not lend itself to reconfiguration. Building 12 was constructed at the same time as Building 19, and has similar deficiencies. Both buildings are planned for demolition, to allow

¹ Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

reconstruction of a new, approximately 55,000 square foot state of the art technology-learning center with Maker Space.

Total Project Cost: The total project cost is expected to be approximately \$56.000 million, to be funded by Measure H general obligation bond funds.

Status: Programing for this project is currently underway.

CAÑADA COLLEGE – SCIENCE AND TECHNOLOGY BUILDING

Project Description: The new approximately 48,000 square foot Science and Technology Building will be constructed east of Building 22 and west of Building 18. The new building will also house general lecture facilities to meet the needs of various programs.

Total Project Cost: The total project cost is expected to be approximately \$55.000 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway with occupancy scheduled fiscal year 2018-2019.

COLLEGE OF SAN MATEO – EDISON PARKING LOT (DEMOLITION OF Bldg 20 & 20A)

Project Description: Building 20 and the associated greenhouses are 52 years old, in great disrepair, non-ADA compliant and grossly underutilized (most programs that had been located there have moved to the new College Center). The Board of Trustees approved the discontinuance of the Horticulture program several years ago. In addition, the one classroom located in Building 20 is not needed due to the fact that the College has added approximately 41,750 sq. ft. of new classroom, lab and office space over the past eight years. The District's facilities condition database indicates that all building systems in Building 20 are beyond their service life, except for the floor slab, exterior walls and roof. The Facilities Condition Index (FCI) for Building 20 is 68.36%, which indicates it is in very poor condition.

As a result, the Administration determined that it would be best to demolish Building 20 and the associated greenhouses; construct approximately 125-200 parking spaces (replacing 30-40 spaces now there). Due to the opening of the new Building 10, new parking spaces on the east side of campus are definitely needed.

Total Project Cost: This project has an estimated cost of approximately \$3.300 million and is funded by Measure H general obligation bond funds.

Status: The project is currently on hold pending resolution of legal challenges.

COLLEGE OF SAN MATEO – BUILDING 8 DEMOLITION AND NEW KINESIOLOGY BUILDING

Project Description: The 52-year-old Building 8 contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete which does not lend itself to reconfiguration. The existing facility will be demolished and replaced. Programs housed in this facility will allow completion of certificate degrees and transfers

in Kinesiology, Fitness Professional, and Dance. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX^[1] requirements.

Total Project Budget: The total project cost is expected to be approximately \$40.000 million, to be funded by Measure H general obligation bond funds.

Status: Project construction will commence upon occupancy of the Cañada College Center for Kinesiology and Human Performance project.

COLLEGE OF SAN MATEO – BUILDING 3 THEATER MODERNIZATION

Project Description: This project proposes to complete the renovation of Building 3 Theater (27,027 GSF) to support the educational mission and performing arts at College of San Mateo. The theater has undergone partial renovations over the past 40 years; however, a substantive remodel and reconfiguration of spaces will address program needs and bring the facility into the 21st century. In addition to the programming changes, there are infrastructure issues that need to be corrected to meet the needs of the modern theater and associated support and office space. Included as part of this project will be classroom renovations including the introduction of smart classroom technologies, safety and security enhancements, installation of the District's electronic security system, improving the indoor air quality with substantive changes to the building's failing ventilations system, as well as modernizing zone controls, renovating restrooms, addressing ADA accessibility issues, and activating the Theater lobby.

Total Project Cost: The total project cost is expected to be approximately \$10.000 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway with occupancy scheduled for fiscal year 2018-2019.

COLLEGE OF SAN MATEO – BUILDING 17 LEARNING COMMUNITIES

Project Description: This project proposes to repurpose the majority of faculty offices located in Building 17 to provide support space for a number of Learning Communities. Learning Communities are cohort-based programs that link instructors across disciplines and connect people who share common academic goals and attitudes. CSM's learning communities offer an innovative and exciting approach to learning designed for student success. The CCCO analysis indicates the CSM campus is currently overbuilt in the office space category, and the Administration has identified alternate faculty office spaces elsewhere on the campus to house those displaced by this project.

Total Project Cost: The total project cost is expected to be approximately \$3.000 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway with occupancy scheduled for fiscal year 2018-2019.

SKYLINE COLLEGE – BUILDINGS 19 & 20, PACIFIC HEIGHTS DEMOLITION AND NORTH CAMPUS IMPROVEMENTS

Project Description: This project proposes to demolish two buildings which have reached the end of their useful life; Buildings 19 and 20, located in the Pacific Heights section of the Skyline College campus. The project removes 26,832 ASF from the campus space inventory including 14,806 ASF of

^[1] Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

classroom, 7,870 ASF of class laboratory, 3,442 ASF of office, and 714 of other space. The project will terminate all utilities, remove all debris from the site, and landscape the area vacated by the buildings in a manner consistent with the existing campus, and provide much needed parking for faculty, staff and students.

Total Project Cost: The total project cost is expected to be approximately \$3.000 million, to be funded by Measure H general obligation bond funds.

Status: This project will occur late in the program, to allow use of the existing facility as temporary space for occupants of facilities under construction associated with Capital Improvement Program Phase 3 (CIP3).

SKYLINE COLLEGE – ENERGY SYSTEMS MANAGEMENT

Project Description: With the increased interest and opportunities in the sustainable construction and energy management technologies, the College has experienced significant growth in related programs. The programs are currently housed in Pacific Heights, which is needed for temporary housing for programs displaced by construction. This new approximately 7,000 square foot building will serve as a model for sustainability and a home to the programs that support these new technologies.

Total Project Cost: The total project cost is expected to be approximately \$5.000 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway with occupancy scheduled for fiscal year 2018-2019.

SKYLINE COLLEGE – ENVIRONMENTAL STUDIES

Project Description: With the increased sensitivity to and the growth in green technologies, the College has experienced a huge growth in the environmental sciences program. The program is currently housed in scattered locations around the campus. This new approximately 18,000 square foot building will serve as a model for sustainability and a home to the programs that support these new technologies.

Total Project Cost: The total project cost is expected to be approximately \$20.000 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway with occupancy scheduled for fiscal year 2018-2019.

SKYLINE COLLEGE – VISUAL AND PERFORMING ARTS COMPLEX

Project Description: This project replaces the 77,587 GSF Fine Arts Building (Building 1), constructed in 1969, and which contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete which does not lend itself to reconfiguration. The building is in need of extensive modernization to the extent that replacement becomes the more practical solution. The building provides teaching and learning spaces for the arts and social sciences including theatre, photography, painting, ceramics, music, digital arts, dance, paralegal, and administration of justice, philosophy, psychology, history, and sociology.

Total Project Cost: The total project cost is expected to be approximately \$125.000 million, to be funded by Measure H general obligation bond funds.

Status: Programming is currently underway. Occupancy is scheduled fiscal year 2020-2021.

SKYLINE COLLEGE – REMOVAL OF PORTABLES-BUILDINGS 31, 32, 33, 34 AND 35

Project Description: Removal of buildings 31-35 and portables 3A-3E in accordance with the District's ongoing commitment to reduce or eliminate use of temporary facilities in accordance with CCCO guidelines.

Total Project Cost: A conceptual cost estimate for this project is \$1.000 million. This project is to be funded by Measure H general obligation bond funds.

Status: These structures will be removed at the end of the CIP3 program.

RECOMMENDATION

It is recommended that the Board of Trustees authorize submission of the District's 2017-2021 Five-Year Capital Construction Plan to the California Community Colleges Chancellor's Office, along with related Initial and Final Project Proposals seeking State Capital Outlay Funding.

BOARD REPORT NO. 16-6-101B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: José D. Nuñez, Vice Chancellor, Facilities Planning & Operations 358-6836

APPROVAL OF 2018-2022 FIVE-YEAR CAPITAL CONSTRUCTION PLAN

On June 24, 2015 (Board Report No. 15-6-106B), the Board authorized submittal of the District's 2017-2021 Five-Year Capital Construction Plan (5YCP) and the related Initial Project Proposals (IPP's) and Final Project Proposals (FPP's) to the California Community Colleges Chancellor's Office (CCCCO). The authorization was in accordance with the Community College Construction Act and both the Education Code Section 81800, *et seq.*, and State Administrative Manual 6610. The plan constitutes the first part of the capital outlay proposal process and was prepared according to current guidelines.

The CCCCCO reviews and evaluates submitted plans for conformance to existing guidelines and potential for funding. Competition is increasingly fierce in light of the Legislature and Governor's decisions not to put statewide bonds on the 2008, 2010, 2012, or 2014 ballots. Because of the lack of a statewide bond, in 2008, the CCCCCO un-approved two years' worth of projects (including six District projects) previously approved for the 2009-2010 and 2010-2011 funding cycles. With these projects, along with those submitted in 2011, 2012, 2013, 2014 and 2015, a significant and growing backlog of projects is now competing for limited funding. The CCCCCO has indicated they will transfer previously approved FPP's for the modernization of College of San Mateo's Library Modernization (Building 9) and the Skyline College Workforce and Economic Development Prosperity Center (Building 2) to the next funding cycle, where these projects will have to re-compete against other submitted project proposals. Due to changes in planned project scope and approach, the College of San Mateo Emerging Technologies Center Project (Building 19) FPP has been converted to a locally funded project. Two FPPs are being submitted for fiscal year 2018-2019: Skyline College's Learning Resource Center Technology and Environmental Upgrade (Building 5) and Canada's Multiple Program Instruction Center Modernization (Building 13). Two new IPP's for fiscal year 2019-2020 are included in this year's submittal: Canada's Performing Arts Center Technology and Environmental Modernization (Building 3) and College of San Mateo's Demolition and New Kinesiology Building (Building 8).

In preparing and submitting the 2018-2022 plan, the District maintains its priorities with regard to funding improvements for (1) buildings and facilities, (2) improvements and modifications to meet the needs of the physically limited, and (3) response to safety concerns.

This report is broken down into three categories:

- I. Past Fiscal Year State Capital Outlay Projects (Approved, Work underway)
- II. Fiscal Year 2017-2018 and 2018-2019 FPP's (Subject to approval and future funding)
- III. Fiscal Year 2019-2021 IPP's (Subject to approval and future funding)

Each project is described under these sections and this report is meant to give the Board and community an understanding of the projects anticipated to be implemented in the 2018-2022 timeframe.

I. Past Fiscal Year State Capital Outlay Projects (Approved, State funding available)

COLLEGE OF SAN MATEO – NORTH GATEWAY PROJECT (Demolition of Seismic Hazardous Buildings 21-29)

Project Description: This project has removed seismic hazards from the College of San Mateo. Four buildings on the CSM campus, Buildings 21, 23, 25, and 27, were rated F in a seismic survey and by additional structural analysis. Some of the buildings contained hazardous materials, which could have been widely dispersed in the event of a structural collapse. The project removed these dangers through demolition of Buildings 21-29 and will repair and reconfigure the site with accessible pathways, recreating the Galileo Parking Lot (Lot 6), replace landscaping, install energy efficient LED lighting and construct a student gathering space. Additionally, load center #4 of the site's main electrical distribution system was decommissioned due to safety concerns stemming from water infiltration into the vault. The creation of new load center #8 as part of the first phase of this project allowed the contractors to safely disable the electrical system prior to the demolition of the buildings. In order to expedite resolution of the safety issues associated with the required replacement of load center #4 with the new load center #8, the work included in this project was separated into three phases: load center work, hazardous materials abatement, and building demolition and site construction.

Total Project Cost: This project has an estimated cost of approximately \$18.6 million. State Capital Outlay funds of \$11 million have been approved by the CCCCCO, supplemented by \$7.6 million in Measure A general obligation bond funds.

Status: Construction was completed in summer 2015 and fully occupied for fall semester 2015. The project has been closed out with the Division of State Architects office (DSA). The Notice of Completion has not been filed with San Mateo County due to potential litigation with the general contractor.

II. Fiscal Years 2017-2018 and 2018-2019 FPP's

CAÑADA COLLEGE – BUILDING 13 MULTIPLE PROGRAM INSTRUCTIONAL CENTER (2018-2019)

Project Description: This project reconstructs the Academic Classroom building to provide facilities that serve a wide variety of classroom and faculty needs and to conform to current district operational standards of energy efficiency and accessibility as required by code. The project modernizes computerized laboratories. In addition, much-needed meeting space is added to provide a location for faculty work sessions and instructional support. The creation of a distance-learning classroom will complement the computerized laboratories and provide additional access to these courses. The renovation of the building-wide infrastructure systems improves the functionality of all 20,995 assignable square feet (asf) in the building including 6,096 asf lecture; 10,209 asf instructional laboratory; 3,762 asf office; and 928 asf AVTV space.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$18 million, with \$6.8 million requested from State Capital Outlay funding, supplemented by \$11.2 million in local funds.

Status: Based on the assumption that the project is approved and a statewide bond is passed by the voters, design would commence in late 2018 with construction starting in 2020. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2021-2022.

SKYLINE COLLEGE – BUILDING 2 WORKFORCE DEVELOPMENT AND ECONOMIC PROSPERITY CENTER (2017-2018)

Project Description: This project provides a readily accessible integrated service center that responds to the need to link services, benefits, opportunities, and instruction to build on the State's investment in workforce and economic development and to strengthen the connections of the public to benefits and opportunities that help build personal and community economic sustainability. In particular, it addresses the specific needs of students by linking their educational experience with the job market and long term careers. The services consist of three strands: employment/career services, income/work supports, and financial services/asset building.

This 10,930 asf facility includes a job placement center, resource libraries, international trade and development center, center for workforce development, and an English language institute. To be located in Building 2, part of the project includes activating 7,897 asf of unassigned space.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$26.3 million, with \$13.2 million in requested State Capital Outlay funding, supplemented by \$13.1 million in local funds.

Status: Based on the assumption that the project is approved and a statewide bond is passed by the voters, design would commence in late 2017 with construction starting in 2019. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2020-2021.

SKYLINE COLLEGE – BUILDING 5 LEARNING RESOURCE CENTER TECHNOLOGY AND ENVIRONMENTAL UPGRADE (2018-2019)

Project description: This project modernizes the Library/Learning Resource Center facility so that it may continue to service the widening variety of needs required of such facilities, as well as provide energy efficiency and accessibility improvements required by current building codes. Originally constructed in 1995, Building 5 was designed to be the heart of the academic support system of the campus. Substantial changes in the technologies supporting library and LRC programs have occurred rapidly during the last 10 years. This project addresses these changes by reconfiguring spaces to incorporate techno-media-internet elements into the program. In addition, the project incorporates energy saving technologies, sustainability and, in general, reduction of operating costs of this high cost building. The project also results in reestablishment of points of access/egress to respond to the preferred path used by students to get to the parking lots; use of the single door at the loading dock has resulted in a potential danger to students who seek the shortest distance to the lot.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$18.3 million, with \$9.3 million requested State Capital Outlay funding, supplemented by approximately \$9 million in local funds.

Status: Based on the assumption that the project is approved and a statewide bond is passed by the voters, design would commence in late 2018 with construction starting in 2020. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2021-2022.

COLLEGE OF SAN MATEO – BUILDING 9 LIBRARY MODERNIZATION (2017-2018)

Project Description: The library at College of San Mateo was constructed in 1963 and houses the learning resource functions and a television studio. The building has seen minor remodeling and a seismic upgrade over the past 40 years and is in need of a major modernization to provide the media and library technologies relevant to today and conform to current codes, particularly ADA.

This FPP proposes to modernize 49,402 gross square feet (gsf) in the heart of the campus. It upgrades internal spaces of the library to address the infusion of the digital elements so prevalent in library systems of today. It reconditions the current KCSM Broadcast space for occupancy by District Information Technology Services, providing them with their first ever consolidated, efficiently configured space.

The project also addresses the inadequacy of the utility systems, acoustics, and environmental controls of the building.

Total Project Cost: The project estimate is currently being validated. The cost is expected to be approximately \$18 million, with fifty percent of requested State Capital Outlay funding, supplemented by an approximately equal match in local funds.

Status: Based on the assumption that the project is approved and a statewide bond is passed by the voters, design would commence in late 2017 with construction starting in 2019. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2020-2021.

III. Fiscal Year 2019-2020 IPP's

CAÑADA COLLEGE – BUILDING 3 PERFORMING ARTS CENTER TECHNOLOGY AND ENVIRONMENTAL MODERNIZATION

Project description: This IPP addresses challenges resulting from changes in pedagogy over the past 20 years. Significant changes have occurred in the technologies that support the teaching of the fine arts, especially photography, as well as the theater and the theater support areas. Lighting, sound systems and backstage support rooms require renovation in order to properly train students in the use of these new technologies.

The photography program spaces need to be reconfigured to provide a safer and cleaner working environment. Existing utility infrastructure systems (e.g. electrical, mechanical, data, elevator, security, etc.) all require upgrades to comply with current codes and improve the learning environment.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$21.6 million, with \$11 million requested State Capital Outlay funding, supplemented by \$10.6 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2019-2022 planning process. Funding sources for Fiscal Year 2019-2022 FPP's have not yet been identified.

COLLEGE OF SAN MATEO – BUILDING 8 DEMOLITION AND NEW KINESIOLOGY BUILDING

Project Description: The 52-year-old Building 8 contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete which does not lend itself to reconfiguration. The existing facility will be demolished and replaced. Programs housed in this facility will allow completion of certificate degrees and transfers in Kinesiology, Fitness Professional, and Dance. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX^[1] requirements.

Total Project Budget: The demolition and reconstruction of this facility has an estimated total project cost of \$70 million, with \$35 million requested State Capital Outlay funding, supplemented by \$35 million in local funds

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2019-2022 planning process. Funding sources for Fiscal Year 2019-2022 FPP's have not yet been identified. Project construction is estimated to commence upon occupancy of the Cañada College Center for Kinesiology and Human Performance project.

IV. Locally funded current and future projects

CAÑADA COLLEGE – BUILDING 1 DEMOLITION AND NEW CENTER FOR KINESIOLOGY AND HUMAN PERFORMANCE

Project Description: The existing 43 year old Gymnasium (Building 1) contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete and does not lend itself to reconfiguration. Therefore the structure will be demolished and replaced. The new structure will serve certificate programs and transfers in Kinesiology, Fitness Professional, and Dance, provide a new state-of-the-art gymnasium and health club to serve the community, along with two 25 meter pools, envisioned as part of the original campus master plan. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX¹ requirements. In addition, this project will add a classroom dedicated to the advancement of the Kinesiology and Fitness Professional programs.

Total Project Cost: A conceptual cost estimate for this project is approximately \$88 million, to be funded by Measure A and H general obligation bond funds and local funds.

Status: Design is underway. Construction is scheduled to begin Q1 2018 with occupancy scheduled fiscal year Q3 2019.

^[1] Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

¹ Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

COLLEGE OF SAN MATEO – BUILDING 19 EMERGING TECHNOLOGIES CENTER

Project Description: The 45-year-old Building 19 contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete which does not lend itself to reconfiguration. Building 12 was constructed at the same time as Building 19, and has similar deficiencies. Both buildings are planned for demolition, to allow reconstruction of a new, approximately 53,000 square foot state of the art technology-learning center with Maker Space.

Total Project Cost: The total project cost is expected to be approximately \$60 million, to be funded by Measure H general obligation bond funds.

Status: Programing for this project is currently underway.

CAÑADA COLLEGE – MATH AND SCIENCE BUILDING

Project Description: The new approximately 48,000 square foot Science and Technology Building will be constructed east of Building 22 and west of Building 18. The new building will also house general lecture facilities to meet the needs of various programs.

Total Project Cost: The total project cost is expected to be approximately \$55.3 million, to be funded by Measure H general obligation bond funds.

Status: Programing is complete. Construction is scheduled to begin summer 2018 with occupancy scheduled early 2020.

COLLEGE OF SAN MATEO – EDISON PARKING LOT (DEMOLITION OF Bldg 20 & 20A)

Project Description: Building 20 and the associated greenhouses are 52 years old, in great disrepair, non-ADA compliant and grossly underutilized (most programs that had been located there have moved to the new College Center). The Board of Trustees approved the discontinuance of the Horticulture program several years ago. In addition, the one classroom located in Building 20 is not needed due to the fact that the College has added approximately 41,750 sq. ft. of new classroom, lab and office space over the past eight years. The District's facilities condition database indicates that all building systems in Building 20 are beyond their service life, except for the floor slab, exterior walls and roof. The Facilities Condition Index (FCI) for Building 20 is 68.36%, which indicates it is in very poor condition.

As a result, the Administration determined that it would be best to demolish Building 20 and the associated greenhouses; construct approximately 125-200 parking spaces (replacing 30-40 spaces now there). Due to the opening of the new Building 10, new parking spaces on the east side of campus are definitely needed.

Total Project Cost: This project has an estimated cost of approximately \$3.3 million and is funded by Measure H general obligation bond funds.

Status: The project is currently on hold pending resolution of legal challenges.

COLLEGE OF SAN MATEO – BUILDING 3 THEATER MODERNIZATION

Project Description: This project proposes to complete the renovation of Building 3 Theater (27,027 gsf) to support the educational mission and performing arts at College of San Mateo. The theater has undergone partial renovations over the past 40 years; however, a substantive remodel and reconfiguration of spaces will address program needs and bring the facility into the 21st century. In addition to the programming changes, there are infrastructure issues that need to be corrected to meet the needs of the modern theater and associated support and office space. Included as part of this project will be classroom renovations including the introduction of smart classroom technologies, safety and security enhancements, installation of the District's electronic security system, improving the indoor air quality with substantive changes to the building's failing ventilations system, as well as modernizing zone controls, renovating restrooms, addressing ADA accessibility issues, and activating the Theater lobby.

Total Project Cost: The total project cost is expected to be approximately \$13.5 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway. Construction is scheduled to begin Q3 2017 with occupancy scheduled for late 2018.

COLLEGE OF SAN MATEO – BUILDING 17 LEARNING COMMUNITIES

Project Description: This project proposes to repurpose the majority of faculty offices located in Building 17 to provide support space for a number of Learning Communities. Learning Communities are cohort-based programs that link instructors across disciplines and connect people who share common academic goals and attitudes. CSM's learning communities offer an innovative and exciting approach to learning designed for student success. The CCCO analysis indicates the CSM campus is currently overbuilt in the office space category, and the Administration has identified alternate faculty office spaces elsewhere on the campus to house those displaced by this project.

Total Project Cost: The total project cost is expected to be approximately \$4 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway. Construction is scheduled to start mid 2017 with occupancy scheduled for spring 2018.

SKYLINE COLLEGE – BUILDINGS 19 PACIFIC HEIGHTS MODERNIZATION & 20 DEMOLITION

Project Description: This project proposes to demolish Building 20 at the completion of Measure H bond program because it will have reached the end of its useful life; Buildings 19 will provide swing space during construction or modernization of Buildings 1, 2 and 5. Once the need for swing space is over, Building 19 will be modernized for improvements to the building envelope, fenestrations, heating, ventilation, lighting, power, data, educational technology systems, interior finishes, ADA accessibility and seismic upgrades resulting in contemporary state of the art collegiate teaching and learning facility.

Total Project Cost: The total project cost is expected to be approximately \$23 million, to be funded by Measure H general obligation bond funds.

Status: This project will occur late in the two phases, one to allow use of the existing facility as temporary space for occupants of facilities under construction associated with Capital Improvement Program Phase 3 (CIP3) and two a full modernization. Phase 1 programming is underway for swing space. Construction is scheduled to start Q2 2017 with occupancy scheduled for late 2017. Phase 2 modernization will begin in 2021 after the need for swing space has been satisfied.

SKYLINE COLLEGE – ENVIRONMENTAL SCIENCE

Project Description: With the increased sensitivity to and the growth in green technologies, the College has experienced a huge growth in the environmental sciences program. The program is currently housed in scattered locations around the campus. This new approximately 21,000 square foot building will serve as a model for sustainability and a home to the programs that support these new technologies.

Total Project Cost: The total project cost is expected to be approximately \$28.7 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway. Construction is scheduled to start Q1 2018 with occupancy scheduled for Q2 2019.

SKYLINE COLLEGE – SOCIAL SCIENCE AND CREATIVE ARTS BUILDING

Project Description: This project replaces the 77,587 gsf Fine Arts Building (Building 1), constructed in 1969, and which contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete which does not lend itself to reconfiguration. The building is in need of extensive modernization to the extent that replacement becomes the more practical solution. The new building will be approximately 120,000 square feet providing teaching and learning spaces for the arts and social sciences including theatre, photography, painting, ceramics, music, digital arts, dance, paralegal, and administration of justice, philosophy, psychology, history, and sociology.

Total Project Cost: The total project cost is expected to be approximately \$160 million, to be funded by Measure H general obligation bond funds.

Status: Programming is complete. Occupancy is scheduled fiscal year 2020-2021.

SKYLINE COLLEGE – REMOVAL OF PORTABLES-BUILDINGS 31, 32, 33, 34 AND 35

Project Description: Removal of buildings 31-35 and portables 3A-3E in accordance with the District's ongoing commitment to reduce or eliminate use of temporary facilities in accordance with CCCO guidelines.

Total Project Cost: A conceptual cost estimate for this project is \$1 million. This project is to be funded by Measure H general obligation bond funds.

Status: These structures will be removed at the end of the CIP3 program.

RECOMMENDATION

It is recommended that the Board of Trustees authorize submission of the District's 2018-2022 Five-Year Capital Construction Plan to the California Community Colleges Chancellor's Office, along with related Initial and Final Project Proposals seeking State Capital Outlay Funding.

BOARD REPORT NO. 16-8-2C

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: José D. Nuñez, Vice Chancellor, Facilities Planning, Maintenance & Operations, 358-6836
Chris Strugar-Fritsch, Director of Capital Projects, 358-7342

REPORT ON SELECTION PROCESS FOR CAÑADA COLLEGE BUILDING 1N, NEW KINESIOLOGY AND WELLNESS / AQUATICS CENTER DESIGN-BUILD PROJECT

The Cañada College Building (Building 1N) Kinesiology and Wellness / Aquatics Center project includes demolition and reconstruction of the existing Building 1. The new ~85,000 SF facility will provide new state-of-the-art learning, fitness and wellness facilities for students and the community. The facility will include classrooms, faculty offices, a NCAA regulation gymnasium, group exercise and dance studios, locker rooms, a competition swimming pool and instructional swimming pool. As part of this project, Parking Lot 6 will be expanded to provide additional parking for students and the public using the new facility. The project is covered under the approved Program Stabilization Agreement amended by the SMCCD Board of Trustees on March 16, 2016 (Board Report 16-3-103B) which includes a provision for the Design-Build Entity (DBE) and Building Trades Council to participate in the Trades Introduction Program (TIP) and JobTrain Program.

On February 17, 2016, the Board of Trustees approved staff recommendations for various project delivery methods for the first phase of Capital Improvement Program Phase 3 (CIP3) (Board Report 16-2-102B) which included the Design-Build delivery method for Cañada College Kinesiology and Wellness project. Subsequent to the September Board authorization, Staff has conducted a two-step qualifications/best value based selection process consisting of a Request for Statements of Qualifications (RFSOQ #86730) and a Request for Proposals (RFP #86730). San Mateo County Community College District advertised the RFSOQ on May 02, 2016 and received seven Statements of Qualifications (SOQs) from interested Design-Build-Entities on June 02, 2016. The SOQs were reviewed using the published scoring criteria and shortlisted to three DBE teams which were sent the RFP on June 21, 2016. The three shortlisted DBE teams are: Blach/ELS, DPR/LPAS, Sundt/LPA.

All three shortlisted DBEs attended a pre-proposal mandatory conference in June 2016 and two separate confidential meetings in July 2016 with Chancellor Ron Galatolo, Vice Chancellor Tom Bauer, President Jamillah Moore, Vice President of Administration Michelle Marquez of Cañada College, Vice Chancellor Jose Nuñez, District Facilities Planning and Operations (FPO) staff, General Services staff, and two representatives of Swinerton Management & Consulting. The confidential meetings provided an opportunity for the DBEs to learn more about the design vision, academic programs and enterprise operations envisioned for the new building. Each DBE firm submitted their respective proposals on July 29, 2016.

The District's RFP Selection Committee comprised of representatives from Cañada College, Facilities Planning and Operations (FPO), General Services and Swinerton Management & Consulting. The three DBE teams were formally interviewed on August 04, 2015. The selection committee scored the DBE's proposals using the criteria published in the RFP.

The Blach/ELS DBE team was the highest scoring team with 89.7 points. They also had the lowest fee proposal which awarded them the maximum possible points for the fee portion of the evaluation. The fee proposals were very competitive as reflected in the closeness of the scores.

The project is funded with general obligation bonds from Measure A and Measure H as well as other local funds. Leland Saylor Associates, District's capital cost consultant, performed cost estimates during the programming and conceptual design phases. The budget for the DBE portion of the project is \$67,210,265.00. All of the fee proposals received are under the estimated budget.

BOARD REPORT NO. 16-9-100B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: José D. Nuñez, Vice Chancellor, Facilities Planning, Maintenance & Operations, 358-6836
Chris Strugar-Fritsch, Director of Capital Projects, 358-7342

APPROVAL OF CONTRACT AWARD FOR CAÑADA COLLEGE BUILDING 1N, NEW KINESIOLOGY AND WELLNESS / AQUATICS CENTER DESIGN-BUILD PROJECT

The Cañada College Building (Building 1N) Kinesiology and Wellness / Aquatics Center project includes demolition and reconstruction of the existing Building 1. The new ~85,000 SF facility will provide new state-of-the-art learning, fitness and wellness facilities for students and the community. The facility will include classrooms, faculty offices, a NCAA regulation gymnasium, group exercise and dance studios, locker rooms, a competition swimming pool and instructional swimming pool. As part of this project, Parking Lot 6 will be expanded to provide additional parking for students and the public using the new facility. The project is covered under the approved Program Stabilization Agreement amended by the SMCCCD Board of Trustees on March 16, 2016 (Board Report 16-3-103B) which includes a provision for the Design-Build Entity (DBE) and Building Trades Council to participate in the Trades Introduction Program (TIP) and JobTrain Program.

On February 17, 2016, the Board of Trustees approved staff recommendations for various project delivery methods for the first phase of Capital Improvement Program Phase 3 (CIP3) (Board Report 16-2-102B) which included the Design-Build delivery method for the Cañada College Kinesiology and Wellness project. Subsequent to the September Board authorization, staff has conducted a two-step qualifications/best value based selection process consisting of a Request for Statements of Qualifications (RFSOQ #86730) and a Request for Proposals (RFP #86730). San Mateo County Community College District advertised the RFSOQ on May 2, 2016 and received seven Statements of Qualifications (SOQs) from interested Design-Build-Entities. The SOQs were reviewed using the published scoring criteria and shortlisted to three DBE teams which were sent the RFP on June 21, 2016. The three shortlisted DBE teams are: Blach/ELS, DPR/LPAS, and Sundt/LPA.

All three shortlisted DBEs attended a pre-proposal mandatory conference in June 2016 and two separate confidential meetings in July 2016 with Chancellor Ron Galatolo, Vice Chancellor Tom Bauer, Cañada College President Jamillah Moore, Vice President of Administration Michelle Marquez of Cañada College, Vice Chancellor Jose Nuñez, District Facilities Planning and Operations staff, General Services staff, and two representatives of Swinerton Management & Consulting. The confidential meetings provided an opportunity for the DBEs to learn more about the design vision, academic programs and enterprise operations envisioned for the new building. Each DBE firm submitted their respective proposals on July 29, 2016.

The District's RFP Selection Committee was comprised of representatives from Cañada College, Facilities Planning and Operations, General Services and Swinerton Management & Consulting. The three DBE teams were formally interviewed on August 4, 2015. The selection committee scored the DBE's proposals using the following criteria and matrix:

Evaluation Criteria	Maximum Possible Points	Points Awarded		
		Blach/ELS	DPR/LPAS	Sundt/LPA
Technical Proposal:				
a. Project Specific Requirements	5	4.6	3.2	4.6
b. Project Organization	5	4.8	3.1	4.3
c. Staffing Levels (<i>Not Used</i>)	--	--	--	--
d. Project Approach	5	4.5	3.1	4.6
e. Project Schedule and Plan	5	3.9	2.5	4.3
f. Life Cycle Costs Analysis	10	9.1	4.6	8.4
g. Skilled Labor Force Availability	10	9.5	5.9	7.9
h. Safety Record	10	9.4	7.3	8.3
i. Sketches	5	4.5	3.4	4.5
j. Interview	10	9.4	8.2	9.9
Fee Proposal	30	30	29.63	29.99
Total	95	89.7	70.93	86.79

The Blach/ELS DBE team was the highest scoring team with 89.7 points. They also had the lowest fee proposal which awarded them the maximum possible points for the fee portion of the evaluation. The fee proposals were very competitive as reflected in the closeness of the scores. At the August 24, 2016 Board of Trustees meeting, an information report (Board Report 16-8-103B) was presented describing the RFSOQ and RFP processes, scoring criteria/matrices, and scoring results. Renderings of building conceptual designs submitted by each shortlisted firm were also shown and discussed.

The project is funded with general obligation bonds from Measure A and Measure H as well as other local funds. Leland Saylor Associates, the District's capital cost consultant, performed cost estimates during the programming and conceptual design phases. The budget for the construction of the project is \$67,210,265.00. All of the fee proposals received are under the estimated budget.

RECOMMENDATION

It is recommended that the Board of Trustees authorize the Executive Vice Chancellor to execute a contract with the DBE team of Blach/ELS for the Cañada College Building 1N Kinesiology and Wellness / Aquatics Center Project, RFP #86730, in an amount of \$60,376,070.00 along with an owner contingency of 10% of the contract award.

BOARD REPORT NO. 16-10-3C

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: José D. Nuñez, Vice Chancellor, Facilities Planning, Maintenance & Operations,
358-6836

**CAÑADA COLLEGE BUILDING 1N, NEW KINESIOLOGY AND WELLNESS / AQUATICS
CENTER DESIGN UPDATE**

On September 14, 2016, the San Mateo County Community College District Board of Trustees approved the contract award recommendation (Board Report No. 16-9-100B) for Blach/ELS to design and build the Cañada College Building 1N, New Kinesiology and Wellness/Aquatics Center.

During this information report, the Blach/ELS team will present a PowerPoint design update to inform the Board of Trustees about the design progress subsequent to the contract award and the next steps in the design process. The presentation will highlight design elements of the building envelope, activation of the roof area for use as a running track, outdoor yoga studio, Queenax exercise area, and volleyball court. The utilization of the roof area will not reduce the original program elements inside the building and will be available for both academic and enterprise activities. This information was presented to the Cañada College faculty and staff on October 12, 2016.

Cañada College

Kinesiology & Wellness Building



RIDGELINE VIEWS

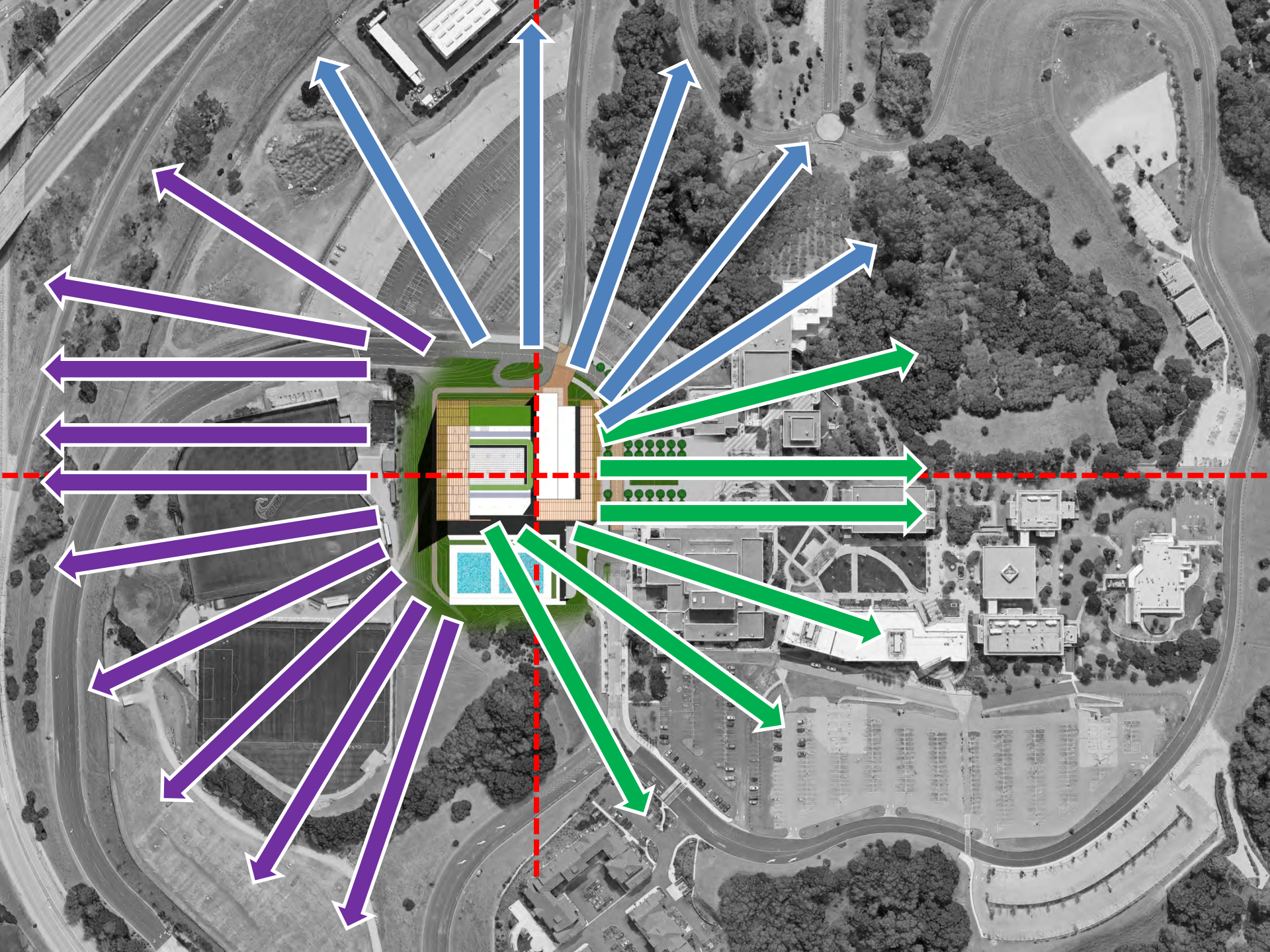
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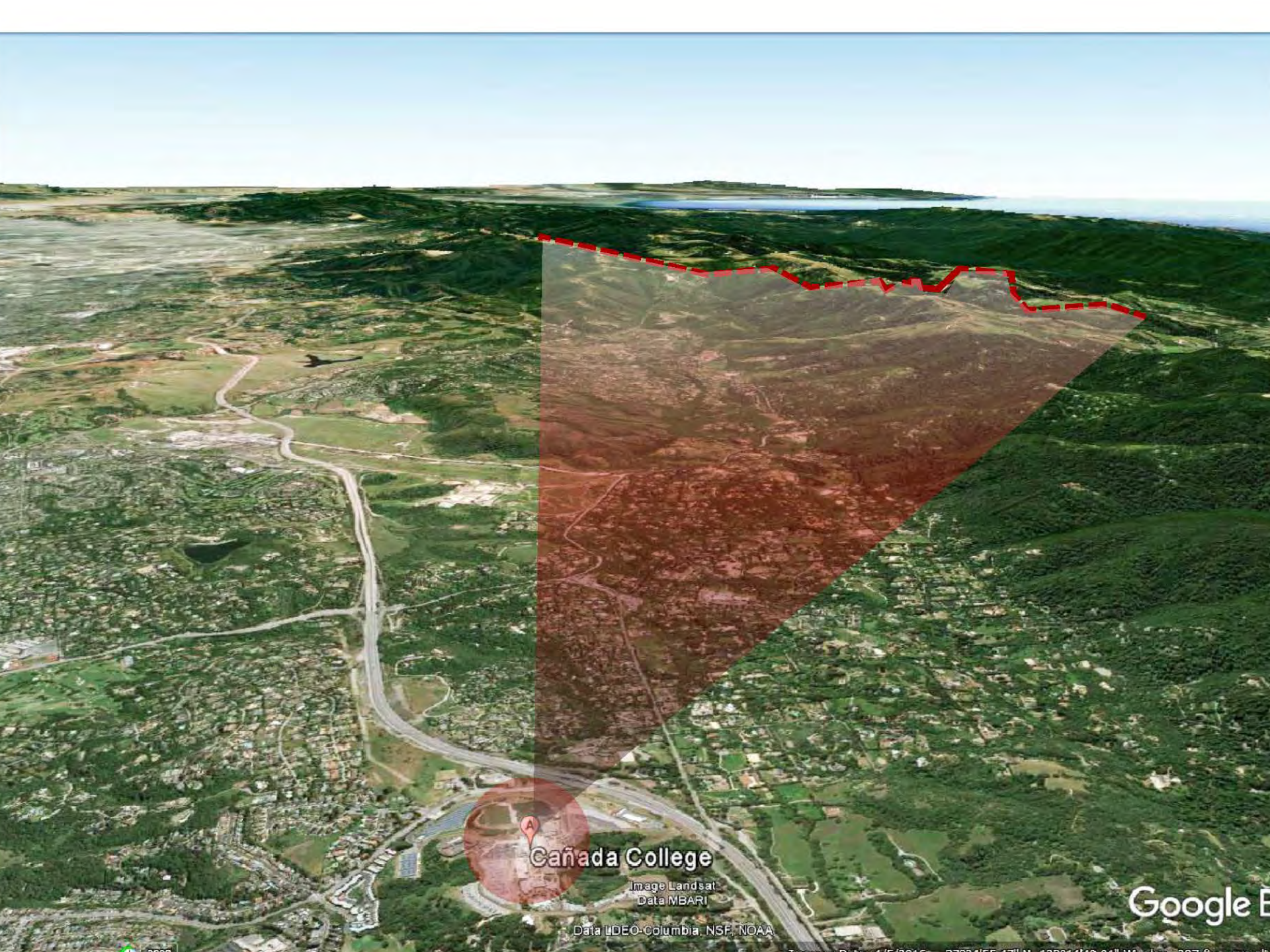
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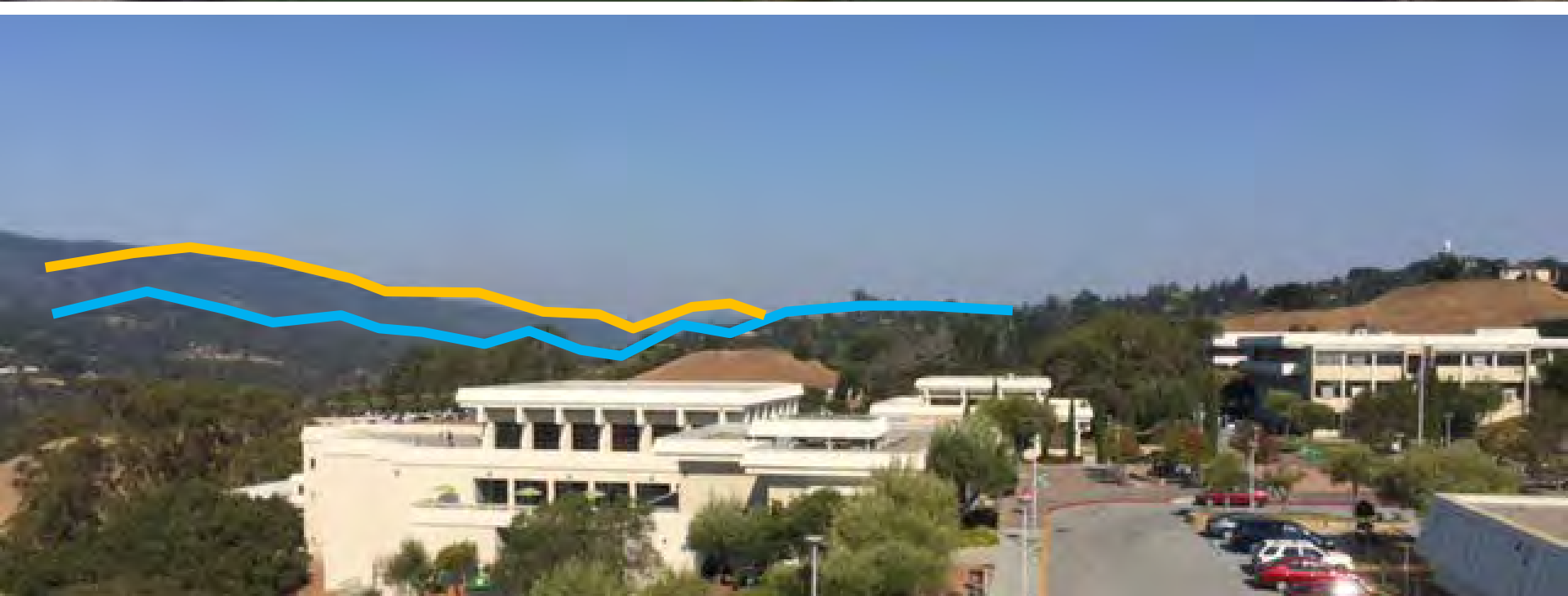
Cañada College

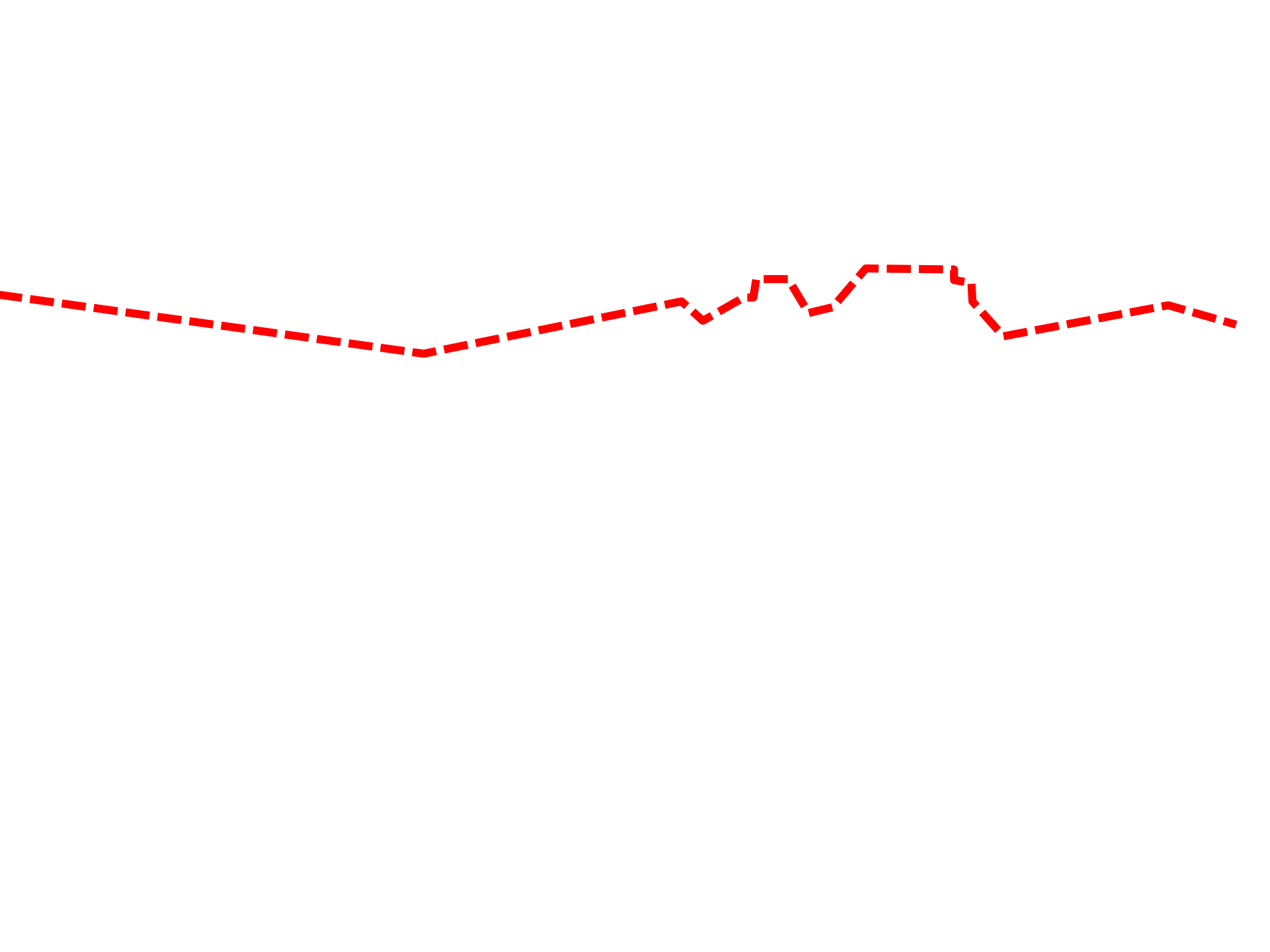
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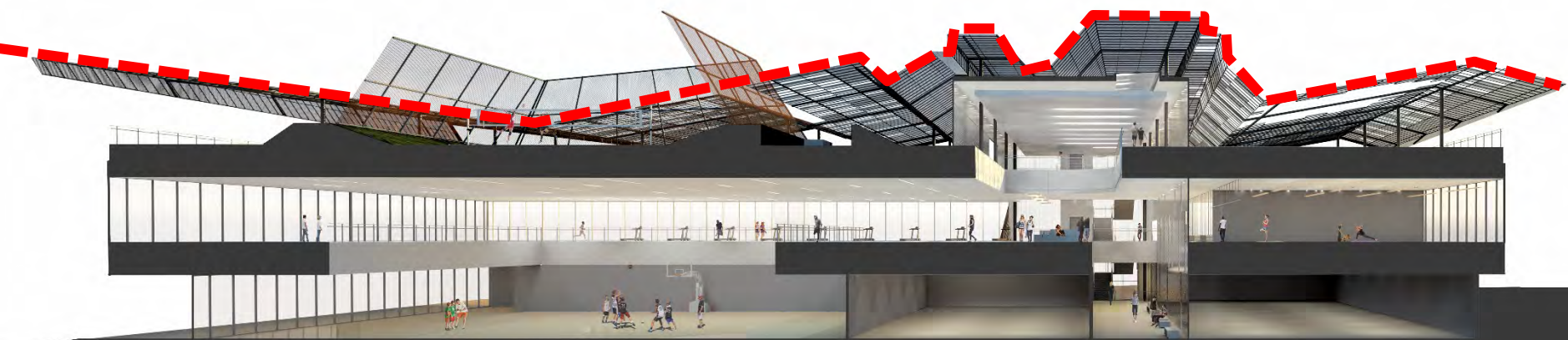
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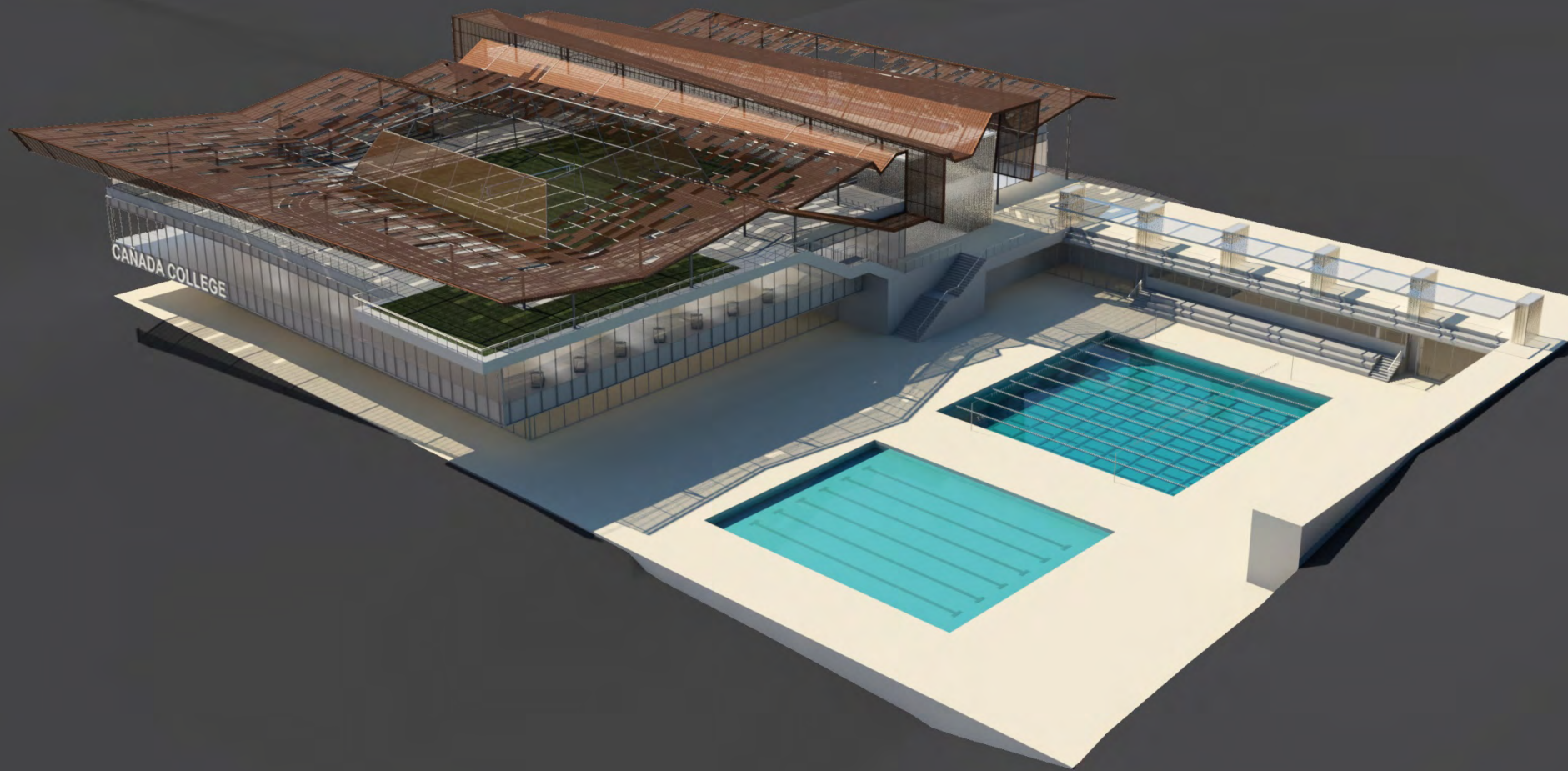
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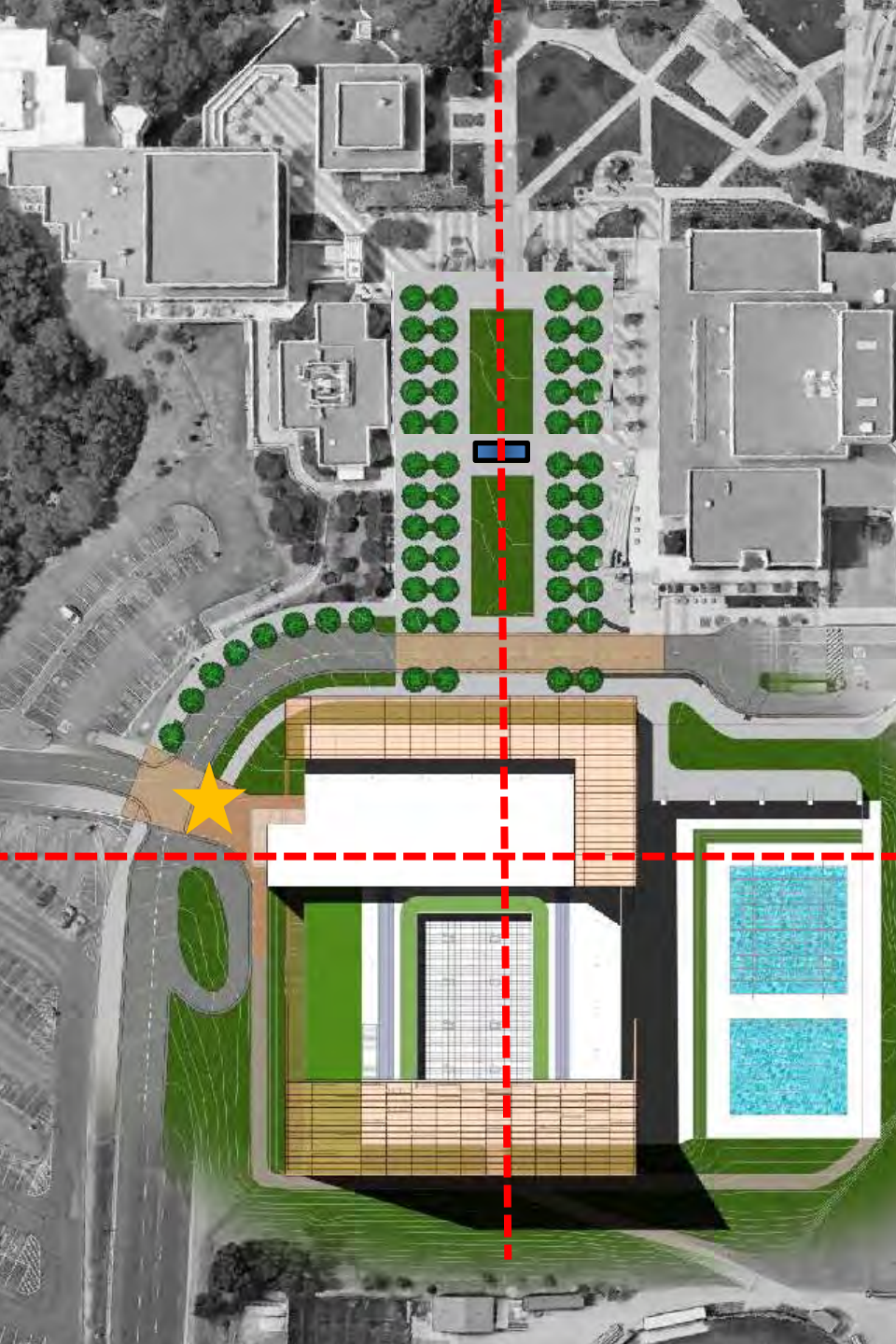


















CAÑADA



















Cañada College

Kinesiology & Wellness Building



DESIGN UPDATE #3 – 10.06.16

BOARD REPORT NO. 17-6-103B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: José D. Nuñez, Vice Chancellor, Facilities Planning & Operations 358-6836

APPROVAL OF 2019-2023 FIVE-YEAR CAPITAL CONSTRUCTION PLAN

On June 22, 2016 (Board Report No. 16-6-101B), the Board authorized submittal of the District's 2018-2022 Five-Year Capital Construction Plan (5YCP) and the related Initial Project Proposals (IPPs) and Final Project Proposals (FPPs) to the California Community Colleges Chancellor's Office (CCCCO). The authorization was in accordance with the Community College Construction Act and both the Education Code Section 81800, *et seq.*, and State Administrative Manual 6610. The plan constitutes the first part of the capital outlay proposal process and was prepared according to current guidelines.

The CCCCCO reviews and evaluates submitted plans for conformance to existing guidelines and potential for funding. Competition is increasingly fierce in light of the Legislature and Governor's decisions not to put statewide bonds on the 2008, 2010, 2012 and 2014 ballots, and to not issue bonds funding the Proposition 51 ballot measure approved by voters in 2016. The CCCCCO has indicated they will transfer previously submitted FPPs for the Cañada College Multiple Program Instructional Center (Building 13) and the Skyline College Learning Resource Center Technology and Environmental Upgrade (Building 5) to fiscal year (FY) 2019-2020. The CCCCCO will also transfer previously submitted IPPs for the College of San Mateo Demolition and New Kinesiology Building (Building 8) and the Canada College Performing Arts Center Technology and Environmental Modernization (Building 3) to FY 2020-2021, where these projects will have to re-compete against other submitted project proposals. One (1) new FPP for FY 2019-2020 for College of San Mateo Water Supply Tank Replacement is included in this submittal.

In preparing and submitting the 2019-2023 plan, the District maintains its priorities with regard to funding improvements for (1) buildings and facilities, (2) improvements and modifications to meet the needs of the physically limited, and (3) response to safety concerns.

This report is broken down into four (4) categories:

- I. FY 2018-2019 FPPs (Approved for inclusion in spending plan July 2017 CCCCCO Board)
- II. FY 2019-2020 FPPs (Included in the preliminary 2019-2020 plan and anticipated to go to the CCCCCO Board in the future)
- III. FY 2019-2020 IPPs (Subject to approval and future funding)
- IV. Locally Funded Current and Future Projects

Each project is described under these sections and this report is meant to give the Board and community an understanding of the projects anticipated to be implemented in the 2019-2023 timeframe.

I. FY 2018-2019 FPPs**COLLEGE OF SAN MATEO – BUILDING 9 LIBRARY MODERNIZATION (2018-2019)**

Project Description: The library at College of San Mateo was constructed in 1963 and houses the learning resource functions and a television studio. The building has seen minor remodeling and a seismic upgrade over the past 40 years and is in need of a major modernization to provide the media and library technologies relevant to today and conform to current codes, particularly ADA.

This FPP proposes to modernize 49,402 gross square feet (gsf) in the heart of the campus. It upgrades internal spaces of the library to address the infusion of the digital elements so prevalent in library systems of today. It reconditions the current KCSM Broadcast space for occupancy by District Information Technology Services, providing them with their first ever consolidated, efficiently configured space.

The project also addresses the inadequacy of the utility systems, acoustics, and environmental controls of the building.

Total Project Cost: The project estimate is currently being validated. The cost is expected to be approximately \$20 million, with fifty percent of requested State Capital Outlay funding, supplemented by an approximately equal match in local funds.

Status: Design will commence in late 2018 with construction starting in 2020. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2021-2022.

SKYLINE COLLEGE – BUILDING 2 WORKFORCE AND ECONOMIC DEVELOPMENT PROSPERITY CENTER (2018-2019)

Project Description: This project provides a readily accessible integrated service center that responds to the need to link services, benefits, opportunities, and instruction to build on the State's investment in workforce and economic development and to strengthen the connections of the public to benefits and opportunities that help build personal and community economic sustainability. In particular, it addresses the specific needs of students by linking their educational experience with the job market and long-term careers. The services consist of three strands: employment/career services, income/work supports, and financial services/asset building.

This 49,222 gsf facility includes a job placement center, resource libraries, international trade and development center, center for workforce development, and an English language institute. To be located in Building 2, part of the project includes activating 7,897 asf of unassigned space.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$23 million, with \$11.9 million requested State Capital Outlay funding, supplemented by \$11.3 million in local funds.

Status: Design will commence in the fourth quarter of 2018 with construction starting in 2020. Assuming State Capital Outlay funding is secured, the facility would be ready for use in fiscal year 2021-2022.

II. FY 2019-2020 FPPs

CAÑADA COLLEGE – BUILDING 13 MULTIPLE PROGRAM INSTRUCTIONAL CENTER

Project Description: This project reconstructs the Academic Classroom building to provide facilities that serve a wide variety of classroom and faculty needs and to conform to current district operational standards of energy efficiency and accessibility as required by code. The project modernizes computerized laboratories. In addition, much-needed meeting space is added to provide a location for faculty work sessions and instructional support. The creation of a distance-learning classroom will complement the computerized laboratories and provide additional access to these courses. The renovation of the building-wide infrastructure systems improves the functionality of all 20,995 assignable square feet (asf) in the building including 6,096 asf lecture; 10,209 asf instructional laboratory; 3,762 asf office; and 928 asf AVTV space.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$19.5 million, with \$6.6 million requested from State Capital Outlay funding, supplemented by \$12.9 million in local funds.

Status: Based on the assumption that the project is approved, design would commence in 2019 with construction starting in 2020. Assuming State Capital Outlay funding is secured, the facility would be ready for use in FY 2021-2022.

COLLEGE OF SAN MATEO – WATER SUPPLY TANK REPLACEMENT

Project description: During a recent cleaning and inspection of the existing 500,000-gallon campus water storage tank performed in April 2017, inspection divers discovered degradation of the interior tank liner. This water storage tank supplies domestic, irrigation and fire water for the entire campus through a triplex booster pump system and dedicated fire pumps (electric-normal operations, diesel direct drive-emergency operations). The tank is supplied water from a public water system (California Water Company) but, due to the location and topography of the campus, the large storage tank is required to supply and maintain flow rate and pressure for domestic and fire water demands. The degraded liner condition put the water quality and usage at risk. Unlined areas of the tank are subject to biofilm and algae growth, which use up the free disinfectant residual, creating water quality issues. Additionally, the degraded liner is breaking up into pieces that could lodge in the domestic or firewater outlets and/or pumps limiting available water. Replacement of the liner is possible, but would take the tank offline for two to three months to complete. The tank age of almost 60 years makes capital investment into the liner replacement questionable. The tank is reaching its useful life and replacement is warranted. A replacement tank could be completed while the existing tank remains online with only short periods of system downtime for cutover. The campus FTE population, size of campus building, and current fire code require a replacement tank approximately 140% greater in volume than the existing tank. This project replaces the existing tank considering the new design standards of the American Waterworks Association (AWWA) used in the design of steel and concrete water storage tanks, American Society of Civil Engineers (ASCE) used in the design of non-building and utility infrastructure, California Fire Code, as well as those standards used in the structural design review by the DSA.

Total Project Cost: The replacement of the water supply tank has an estimated cost of \$5 million, the full amount requested from State Capital Outlay funding.

Status: Based on the assumption that the project is approved, design would commence in 2019 with construction starting in 2020. Assuming State Capital Outlay funding is secured, the facility would be ready for use in FY 2021-2022.

SKYLINE COLLEGE – BUILDING 5 LIBRARY/LEARNING RESOURCE CENTER

Project description: This project modernizes the Library/Learning Resource Center (LRC) facility so that it may continue to service the widening variety of needs required of such facilities, as well as provide energy efficiency and accessibility improvements required by current building codes. Originally constructed in 1995, Building 5 was designed to be the heart of the academic support system of the campus. Substantial changes in the technologies supporting library and LRC programs have occurred rapidly during the last 10 years. This project addresses these changes by reconfiguring spaces to incorporate techno-media-internet elements into the program. In addition, the project incorporates energy saving technologies, sustainability and, in general, reduction of operating costs of this high cost building. The project also results in reestablishment of points of access/egress to respond to the preferred path used by students to get to the parking lots; use of the single door at the loading dock has resulted in a potential danger to students who seek the shortest distance to the lot.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$31 million, with \$11.4 million requested State Capital Outlay funding, supplemented by approximately \$19.6 million in local funds.

Status: Based on the assumption that the project is approved, design would commence in 2019 with construction starting in 2020. Assuming State Capital Outlay funding is secured, the facility would be ready for use in FY 2021-2022.

III. FY 2020-2021 IPPs

CAÑADA COLLEGE – BUILDING 3 PERFORMING ARTS CENTER TECHNOLOGY AND ENVIRONMENTAL MODERNIZATION

Project description: This IPP addresses challenges resulting from changes in pedagogy over the past 40 years. Significant changes have occurred in the technologies that support the teaching of the fine arts, especially photography, as well as the theater and the theater support areas. Lighting, sound systems and backstage support rooms require renovation in order to properly train students in the use of these new technologies.

The photography program spaces need to be reconfigured to provide a safer and cleaner working environment. Existing utility infrastructure systems (e.g. electrical, mechanical, data, elevator, security, etc.) all require upgrades to comply with current codes and improve the learning environment.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$42.6 million, with \$12.4 million requested State Capital Outlay funding, supplemented by \$30 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2020-2024 planning process.

COLLEGE OF SAN MATEO – BUILDING 8 DEMOLITION AND NEW KINESIOLOGY BUILDING

Project Description: The 52-year-old Building 8 contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete, which does not lend itself to reconfiguration. The existing facility will be demolished and replaced. Programs housed in this facility will allow completion of certificate degrees and transfers in Kinesiology, Fitness Professional, and Dance. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX^[1] requirements.

Total Project Budget: The demolition and reconstruction of this facility has an estimated total project cost of \$72.9 million, with \$19.9 million requested State Capital Outlay funding, supplemented by \$52.9 million in local funds

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2020-2024 planning process.

IV. Locally funded current and future projects

CAÑADA COLLEGE – BUILDING 1 CENTER FOR KINESIOLOGY AND HUMAN PERFORMANCE

Project Description: The existing 43-year-old gymnasium (Building 1) contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, is constructed of cast-in-place concrete and does not lend itself to reconfiguration. Therefore, the structure will be demolished and replaced. The new structure will serve certificate programs and transfers in Kinesiology, Fitness Professional, and Dance, provide a new state-of-the-art gymnasium and health club to serve the community, along with two 25-meter pools, envisioned as part of the original campus master plan. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX^[1] requirements. In addition, this project will add a classroom dedicated to the advancement of the Kinesiology and Fitness Professional programs.

Total Project Cost: A conceptual cost estimate for this project is approximately \$108 million, to be funded by Measure A and H general obligation bond funds as well as local funds.

Status: Pre-construction started summer 2017. Construction is scheduled to begin the first quarter of 2018 with occupancy scheduled middle of 2020.

CAÑADA COLLEGE – BUILDING 23 MATH AND SCIENCE BUILDING

Project Description: The new approximately 50,000 square foot Math and Science Building will be constructed east of Building 22 and north of Building 18. The new building will also house general lecture facilities to meet the needs of various programs.

Total Project Cost: The total project cost is expected to be approximately \$55.8 million, to be funded by Measure H general obligation bond funds.

^[1] Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

Status: Schematic design is in progress. Construction is scheduled to begin summer 2018 with occupancy scheduled early 2020.

COLLEGE OF SAN MATEO – BUILDING 3 THEATER MODERNIZATION

Project Description: This project proposes to complete the renovation of Building 3 Theater (27,027 gsf) to support the educational mission and performing arts at College of San Mateo. The theater has undergone partial renovations over the past 40 years; however, a substantive remodel and reconfiguration of spaces will address program needs and bring the facility into the 21st century. In addition to the programming changes, there are infrastructure issues that need to be corrected to meet the needs of the modern theater and associated support and office space. Included as part of this project will be classroom renovations including the introduction of smart classroom technologies, safety and security enhancements, installation of the District's electronic security system, improving the indoor air quality with substantive changes to the building's failing ventilations system, as well as modernizing zone controls, renovating restrooms, addressing ADA accessibility issues, and activating the Theater lobby.

Total Project Cost: The total project cost is expected to be approximately \$17.85 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway. Construction is scheduled to begin the first quarter of 2018 with occupancy scheduled early 2019.

COLLEGE OF SAN MATEO – BUILDING 17 LEARNING COMMUNITIES

Project Description: This project proposes to repurpose the majority of faculty offices located in Building 17 to provide support space for a number of Learning Communities. Learning Communities are cohort-based programs that link instructors across disciplines and connect people who share common academic goals and attitudes. CSM's learning communities offer an innovative and exciting approach to learning designed for student success. The CCCO analysis indicates the CSM campus is currently overbuilt in the office space category, and the Administration has identified alternate faculty office spaces elsewhere on the campus to house those displaced by this project.

Total Project Cost: The total project cost is expected to be approximately \$4.7 million, to be funded by Measure H general obligation bond funds.

Status: Bids are currently in review. Construction is scheduled to start mid-2017 with occupancy scheduled the fourth quarter of 2018.

COLLEGE OF SAN MATEO – EDISON PARKING LOT (DEMOLITION OF BUILDINGS 20 & 20A)

Project Description: Building 20 and the associated greenhouses are 52 years old, in great disrepair, non-ADA compliant and grossly underutilized (most programs that had been located there have moved to the new College Center). The Board of Trustees approved the discontinuance of the Horticulture program several years ago. In addition, the one classroom located in Building 20 is not needed due to the fact that the College has added approximately 41,750 square feet of new classroom, lab and office space over the past eight years. The District's facilities condition database indicates that all building systems in Building 20 are beyond their service life, except for the floor slab, exterior walls and roof. The Facilities Condition Index (FCI) for Building 20 is 68.36%, which indicates it is in very poor condition.

As a result, the Administration determined that it would be best to demolish Building 20 and the associated greenhouses; then construct approximately 125-200 parking spaces (replacing the existing 30-40 spaces). Due to the opening of Building 10, new parking spaces on the east side of campus are definitely needed.

Total Project Cost: This project has an estimated cost of approximately \$5 million, to be funded by Measure H general obligation bond funds and local funds.

Status: The project is currently on hold pending resolution of legal challenges.

COLLEGE OF SAN MATEO – BUILDING 19 EMERGING TECHNOLOGIES CENTER

Project Description: The 45-year-old Building 19 contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete, which does not lend itself to reconfiguration. Building 12 was constructed at the same time as Building 19, and has similar deficiencies. Both buildings are planned for demolition, to allow reconstruction of a new, approximately 53,000 square foot state of the art technology-learning center with Maker Space.

Total Project Cost: The total project cost is estimated to be approximately \$60 million. Funding of this project is undetermined.

Status: Programming is complete. Funding is yet to be determined.

SKYLINE COLLEGE – BUILDING 19 SWING SPACE

Project Description: Building 19 will provide swing space during the construction of Buildings 1, 2 and 5 through 2023.

Total Project Cost: The total project cost is expected to be approximately \$4.5 million, to be funded by Measure H general obligation bond funds and local funds.

Status: Design is underway. Construction is scheduled to start the third quarter of 2018 with occupancy scheduled early 2019.

SKYLINE COLLEGE – BUILDING 12 ENVIRONMENTAL SCIENCE

Project Description: With the increased sensitivity to and the growth in green technologies, the College has experienced a huge growth in the environmental sciences program. The program is currently housed in scattered locations around the campus. This new approximately 21,000 square foot building will serve as a model for sustainability and a home to the programs that support these new technologies.

Total Project Cost: The total project cost is expected to be approximately \$40.7 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway. Construction is scheduled to start the fourth quarter of 2017 with occupancy scheduled early 2019.

SKYLINE COLLEGE – BUILDING 1 SOCIAL SCIENCE AND CREATIVE ARTS

Project Description: This project replaces the 77,587 gsf Fine Arts Building (Building 1). Constructed in 1969, it contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete which does not lend itself to reconfiguration. The building is in need of extensive modernization to the extent that replacement became the more practical solution. The new building will be approximately 120,000 square feet providing teaching and learning spaces for the arts and social sciences including theatre, photography, painting, ceramics, music, digital arts, dance, paralegal, and administration of justice, philosophy, psychology, history, and sociology.

Total Project Cost: The total project cost is expected to be approximately \$160 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway. Project target completion is scheduled fourth quarter of 2021.

SKYLINE COLLEGE – LOT L EXPANSION

Project Description: This project will consolidate Parking Lot L unpaved areas into an expanded, paved parking lot with 200 additional spaces and improved, accessible pedestrian routes to the center of campus. It includes traffic calming measures on the Campus Loop Road, better lighting, parking permit machines, electric vehicle chargers, carpool spaces, and some landscaping. A short connector drive will be installed between the Loop Road and Chilton Lane for access to the Chilton Lane parking area.

Total Project Cost: The total project cost is approximately \$5.75 million, and funded by Measure H general obligation bond funds.

Status: Construction started in May 2017. Construction completion is November 2017.

SKYLINE COLLEGE – REMOVAL OF PORTABLE BUILDINGS 3A, 3B, 3C, 3D AND 3E

Project Description: This project will remove modular buildings 3A through 3E in accordance with the District's ongoing commitment to reduce or eliminate use of temporary facilities in accordance with CCCO guidelines.

Total Project Cost: A conceptual cost estimate for this project is \$1 million. This project is to be funded by Measure H general obligation bond funds.

Status: These structures are anticipated to be removed at the end of the CIP3 program approximately fourth quarter of 2022.

RECOMMENDATION

It is recommended that the Board of Trustees authorize submission of the District's 2019-2023 Five-Year Capital Construction Plan to the California Community Colleges Chancellor's Office, along with related Initial and Final Project Proposals seeking State Capital Outlay Funding.

BOARD REPORT NO. 18-1-4C

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: José D. Nuñez, Vice Chancellor, Facilities Planning and Operations, 358-6836

CAPITAL IMPROVEMENT PROGRAM-PHASE 3 (CIP3) BUDGET UPDATE

On September 9, 2015, staff presented an information report on current market conditions and the 2015 CIP3 project budget estimates (Board Report No. 15-9-C). The report described an overheated Bay Area construction market, higher than historical market escalation rates, and the impacts to the CIP3 program budgets.

Subsequently, the Bay Area construction market has continued to experience extraordinary cost escalation and market conditions have necessitated significant restructuring of the planned project schedules and budgets. Initial program planning and budget projections relied upon historical cost data from CIP1 and CIP2 projects and informal market surveys of sister college districts. Upon completion of the 2015 professional services procurement process and project programming, professional cost estimators provided costs per square foot for the various planned project types and delivery methods. These initial square foot costs were indicative of unprecedented cost escalation and market pressure and indicated budget realignment was required.

In 2016 and 2017, projects utilizing the design-build delivery method were awarded (Board Report Nos. 16-9-100B Cañada College B1N Kinesiology and Wellness; 16-11-100B Skyline College B12N Environmental Science; 17-1-100B Cañada College 23N Math/Science/Technology; 17-4-100B Skyline College B1N Social Science and Creative Arts). As the projects moved through program validation and the subsequent design phases, more detailed building data including actual building square footage, structural, mechanical, electrical and life safety systems designs to meet programmatic requirements and construction challenges, resulted in more detailed and accurate cost estimates. These cost estimates indicate that the budget shortfall is greater than indicated in 2015.

Staff will provide an overview of the progression of the project planning and budgeting process, taking into account the effect of the extraordinary cost escalation on the current local Bay Area construction market.



SAN MATEO COUNTY
COMMUNITY
COLLEGE DISTRICT

FACILITIES PLANNING,
MAINTENANCE & OPERATIONS

Capital Improvement Program Phase 3(CIP3)

JANUARY 24, 2018



College of San Mateo



Agenda

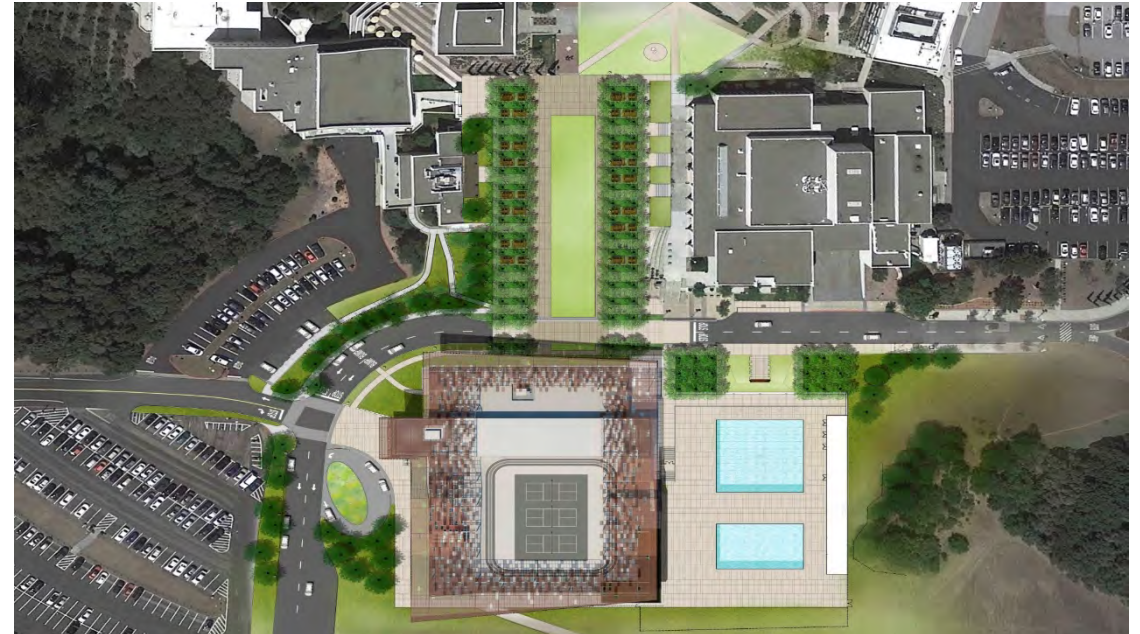
- Four Major Projects Updates
- Economic Market Conditions
- Program Budget Overview
- Q & A

CAN B1N – Kinesiology & Wellness Center

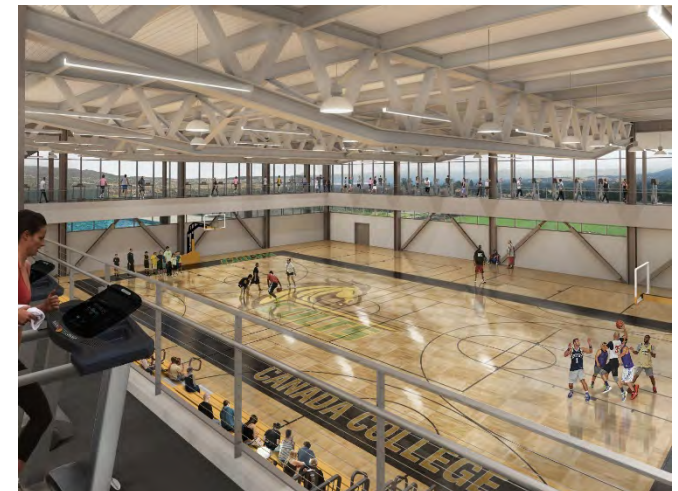


CAN B1N – Aerial View

CAN B1N – Bird's Eye View



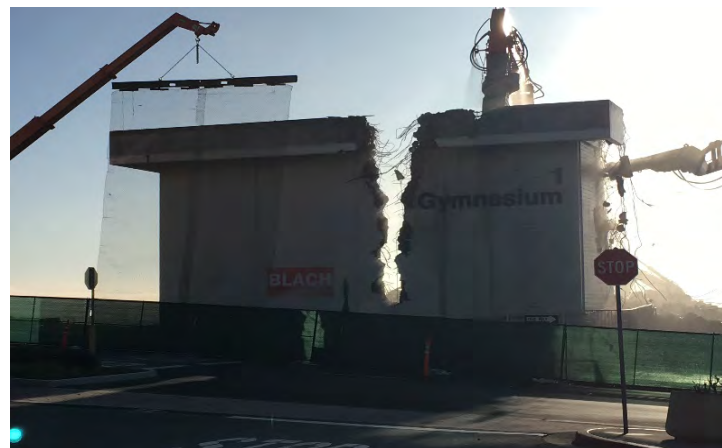
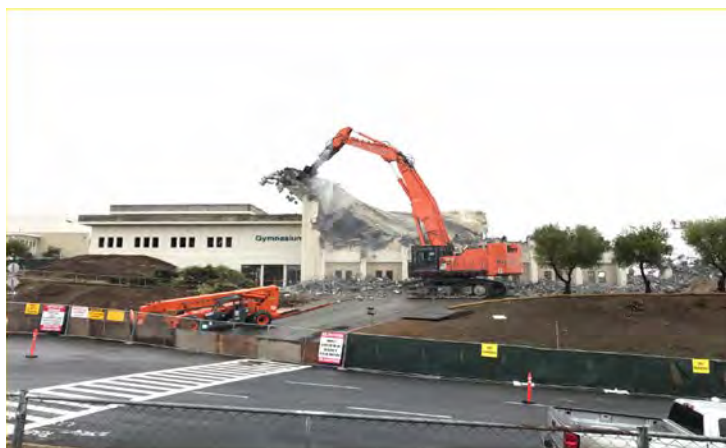
CAN B1N – Kinesiology & Wellness Center



CAN B1N – Kinesiology & Wellness Center



Groundbreaking Event – December 5, 2017



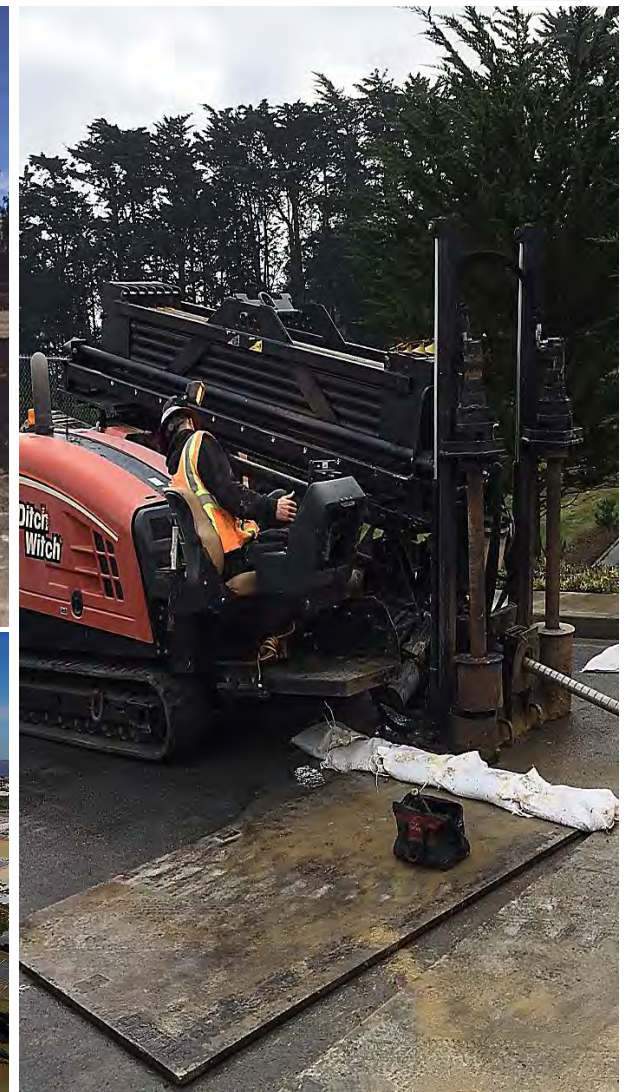
CAN B23N – Science & Technology



SKY B12N – Environmental Science



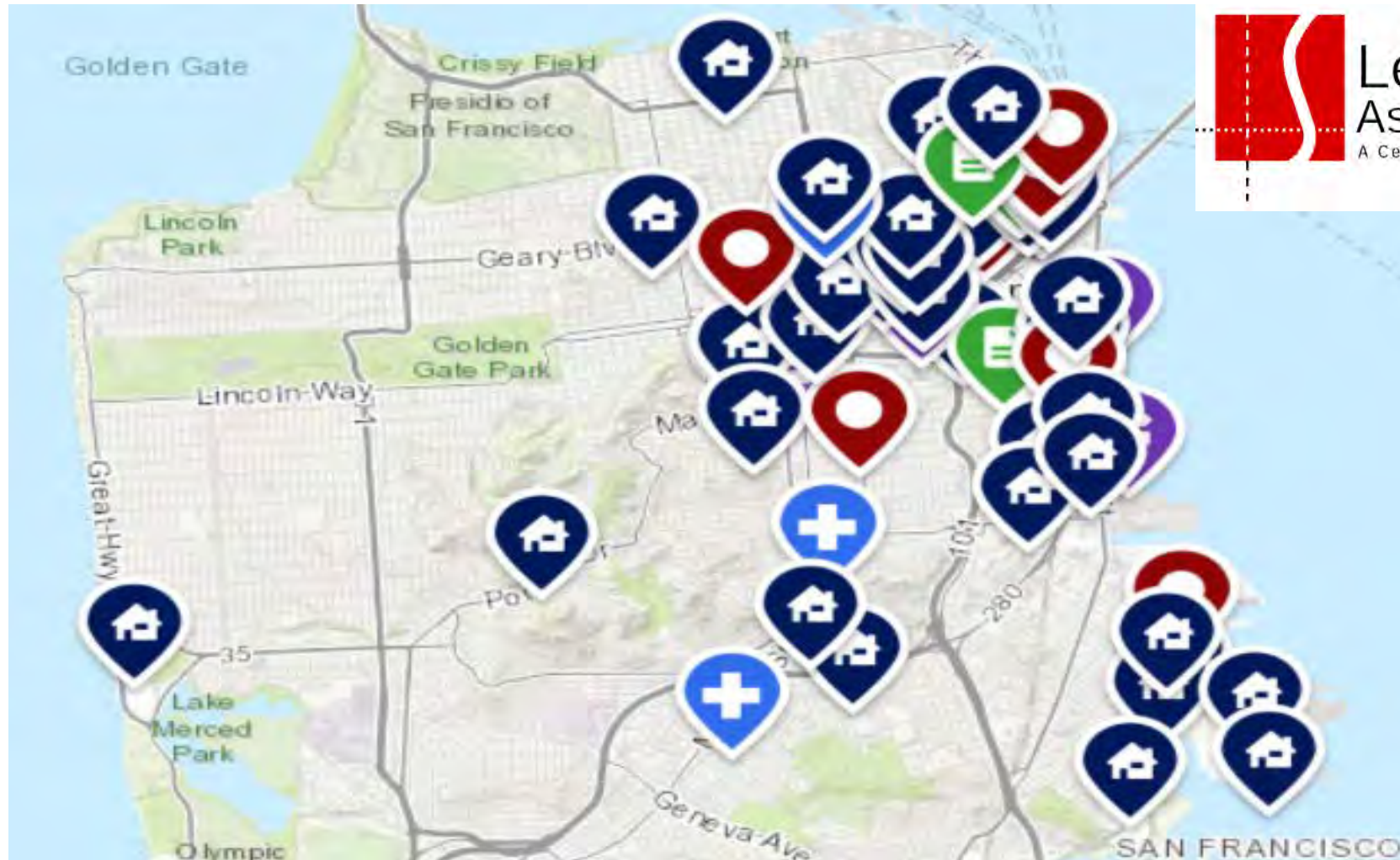
SKY B12N – Environmental Science



SKY B1N – Creative Arts & Social Sciences



Over \$50 Billion Under Construction in SF

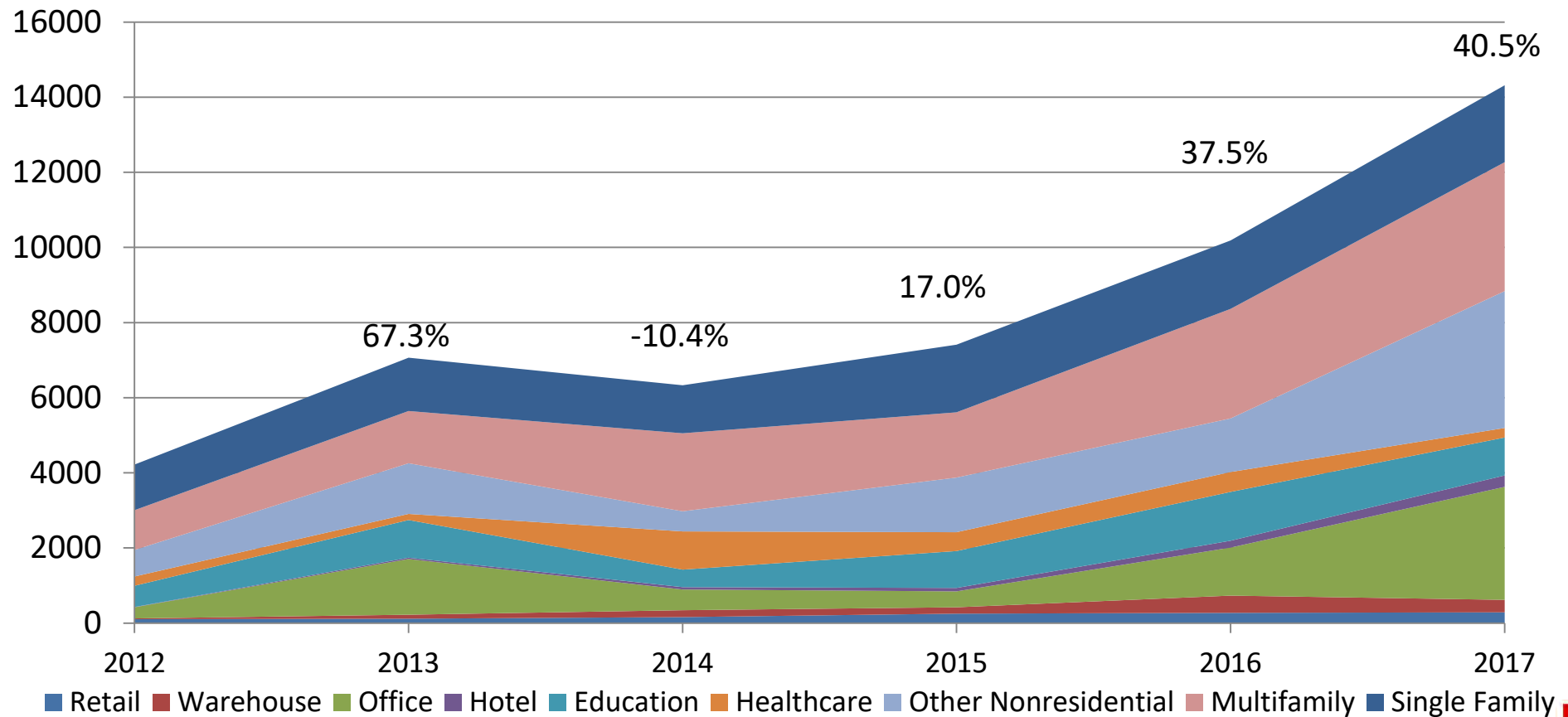


Market Activities

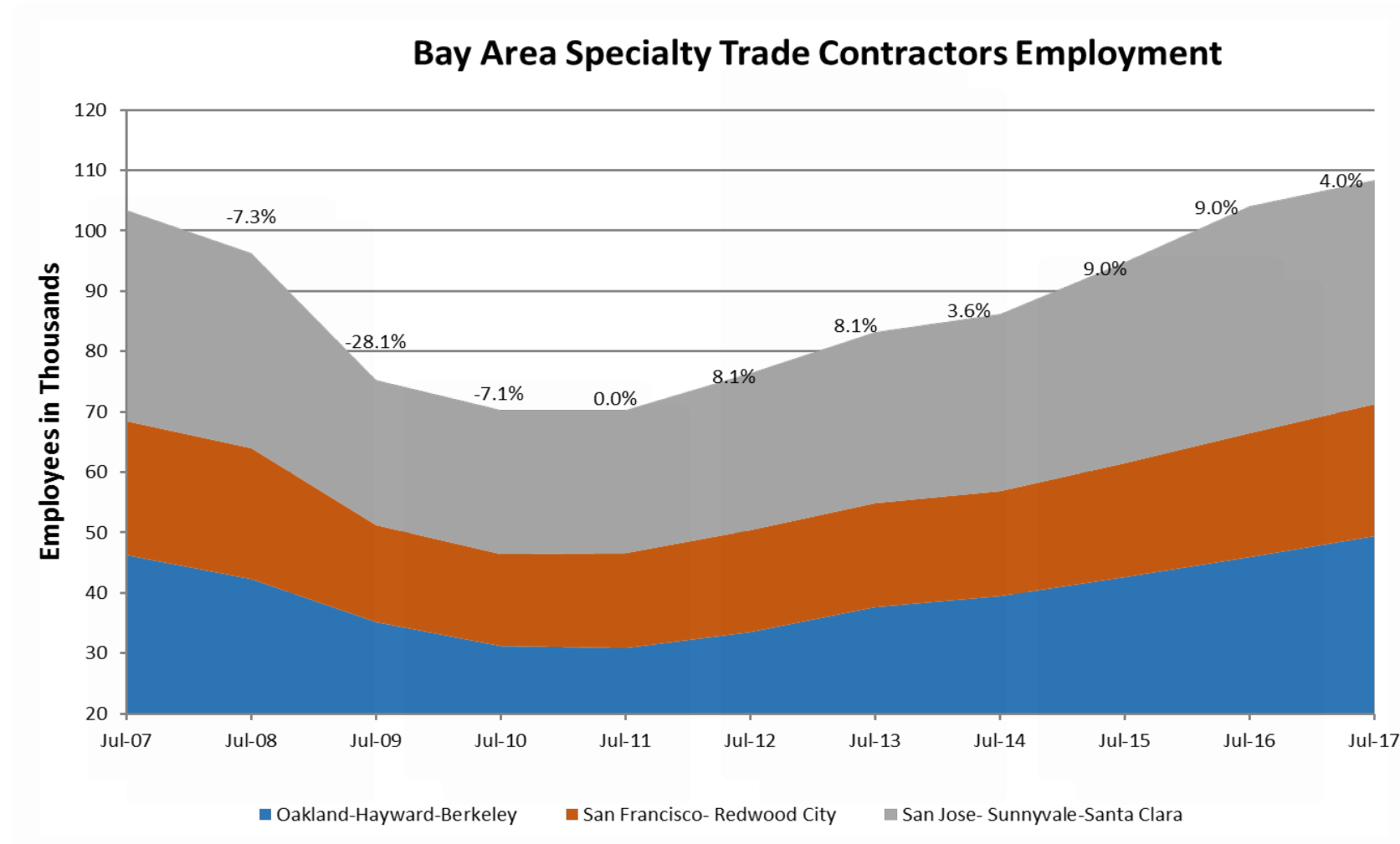
San Francisco Bay Area
Construction Starts (mil \$) Per Year

**Bay Area
Volume up
40% in
2017.**

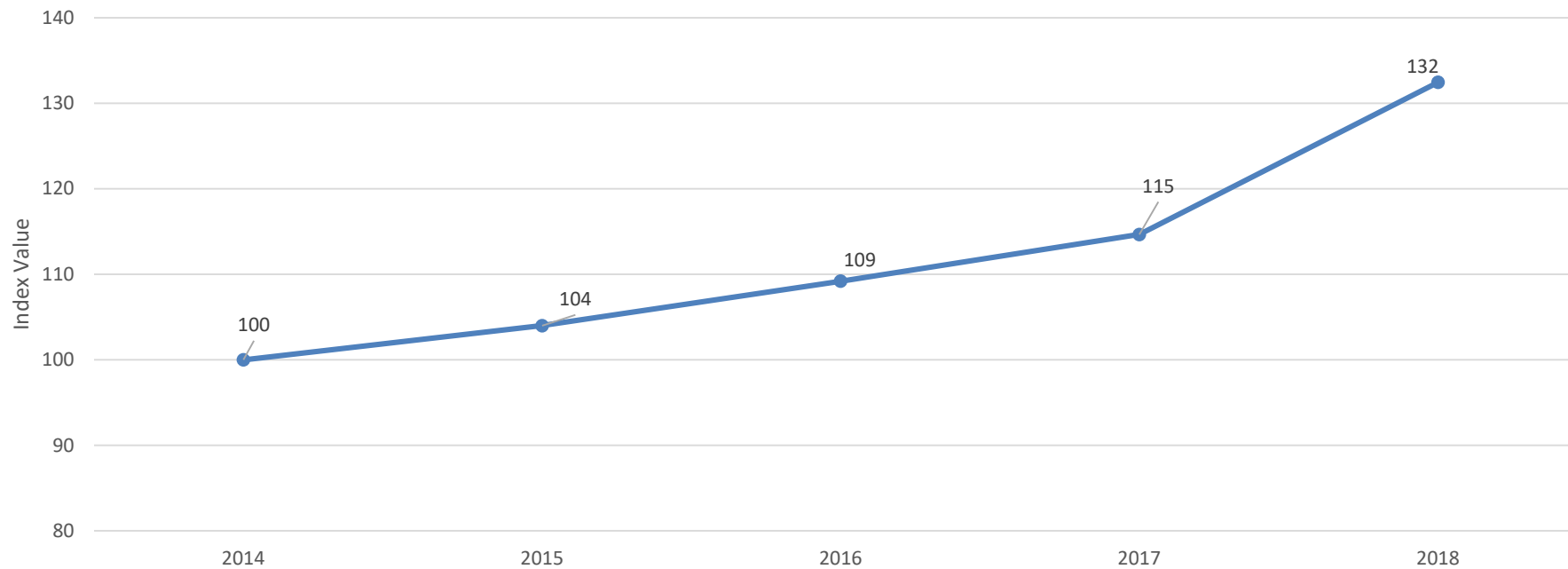
**Over 350%
increase
since
2012.**



Specialty Trade Employment up 54% since 2011



Construction Costs up 32.4% since 2014



Historic escalation average is 3%

Current Market Factor: 10% *

Cumulative cost increase since 2014: 32.4%

*Market factor is the premium the market is paying currently for labor shortages, decreased productivity and lack of competition seen throughout the Bay Area

College of Marin, Child Study Center,
Kentfield, CA

Price Differential without Competitive Bidding

Number of Bids	% Differential
1 bid	+25% to 50%
2-3 bids	+10% to 25%
4-5 bids	0% to +10%
6-7 bids	0% to -10%
8-10 bids	-10% to -20%



Current Cost Risks

- Rising costs due to increasing wages and contractor margins
- Decreasing competition - Contractor's Market
- Shortages in mechanical/electrical/plumbing (MEP)
- Severe shortages in major supply chains
- Ongoing escalation for multi-year programs

Funding Sources

Source	Amount
Measure H	\$388,000,000
Measure H Anticipated Interest	\$7,000,000
Measure A	\$5,900,000
Fund 4	\$40,300,000
Other Funding (Grants, Prop 39, and Parcel B)	\$8,300,000
Approved State Scheduled Maintenance Funding	\$2,440,000
TOTAL:	\$452,000,000

Potential Funding Sources Not Yet Realized - \$61.2M

State Capital Outlay \$45,200,000

Insurance \$16,000,000

Program Budget Overview

Total Program Funding	Projected Total Program Budget
\$452M	\$550M to \$600M

Questions and Answers



**SAN MATEO COUNTY
COMMUNITY
COLLEGE DISTRICT**

Cañada College • College of San Mateo • Skyline College

BOARD REPORT NO. 18-7-113B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: José D. Nuñez, Vice Chancellor, Facilities Planning & Operations 358-6836

APPROVAL OF 2020-2024 FIVE-YEAR CAPITAL CONSTRUCTION PLAN

On June 28, 2017 (Board Report No. 17-6-103B), the Board authorized submittal of the District's 2019-2023 Five-Year Capital Construction Plan (5YCP), the related Initial Project Proposals (IPPs) and Final Project Proposals (FPPs) to the California Community Colleges Chancellor's Office (CCCCO). The authorization was in accordance with the Community College Construction Act and both the Education Code Section 81800, *et seq.*, and State Administrative Manual 6610. The plan constitutes the first part of the capital outlay proposal process and was prepared according to current guidelines.

The CCCCCO reviews and evaluates submitted plans for conformance to existing guidelines and potential for funding. Competition is increasingly fierce in light of the Legislature and Governor's decisions not to put statewide bonds on the 2008, 2010, 2012, 2014 ballots, and to not issue bonds funding the Prop 51 ballot measure approved by voters in 2016. The CCCCCO has indicated they will transfer previously submitted priority FPPs for Cañada College Multiple Program Instructional Center (Bldg. 13), College of San Mateo Water Supply Tank Replacement and Skyline College Workforce Economic Development Prosperity Center (Bldg. 2) to fiscal year (FY) 2019-2020. The CCCCCO will also transfer previously submitted IPPs for Cañada College Performing Arts Center Technology and Environmental Modernization (Bldg. 3), College of San Mateo Learning Resource Center Modernization (Bldg. 9), College of San Mateo Demo and New Kinesiology Building (Bldg. 8) and Skyline College Learning Resource Center Technology and Environmental Upgrade (Bldg. 5) to FY 2021-2022, where these projects will have to re-compete against other submitted project proposals.

In preparing and submitting the 2020-2024 plan, the District maintains its priorities with regard to funding improvements for (1) buildings and facilities, (2) improvements and modifications to meet the needs of the physically limited, and (3) response to safety concerns.

This report is broken down into three (3) categories:

- I. FY 2019-2020 FPPs (Approved for inclusion in spending plan 2019 CCCCCO Board)
- II. FY 2021-2022 IPPs (Subject to approval and future funding)
- III. Locally Funded Current and Future Projects

Each project is described under these sections and this report is meant to give the Board and community an understanding of the projects anticipated to be implemented in the 2020-2024 timeframe. The District currently does not have local District funding for these projects.

I. FY 2019-2020 FPPs**CAÑADA COLLEGE – BUILDING 13 MULTIPLE PROGRAM INSTRUCTIONAL CENTER**

Project Description: This project involves the modernization of the academic classroom building. The building was one of the original instructional buildings built on the Cañada campus in 1968. The project proposes code upgrades to restroom facilities, corridors and vertical circulation systems. The modernization will serve several purposes: It will provide housing for one of two animation labs, which are not co-located with the digital media program and will deactivate space in an existing relocatable building. It will provide more flexible classroom layouts and it will provide a new distance-learning facility. It addresses problems associated with facility accessibility for ADA compliance. As part of the mechanical work, BMS controls and existing AC units serving computer labs are replaced. Modernization of faculty offices is also part of this proposed project. A total of 29 offices will receive basic improvements including lights, mechanical, telephone/data and finishes. Shared office space for adjunct faculty and meeting room capacity are also part of this project. The renovation of the building-wide infrastructure systems improves the functionality of all 21,619 assignable square feet (asf) in the building including 6,059 asf lecture; 10,301 asf instructional laboratory; 3,604 asf office and 730 asf AV/TV space.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$24.1 million, with \$8.3 million requested from State Capital Outlay funding, supplemented by \$15.8 million in local funds.

Status: Based on the assumption that the project is approved, design would commence in 2019 with construction starting in 2020. Assuming State Capital Outlay funding is secured, the facility would be ready for use in FY 2022-2023. The District currently does not have local District funding for this project.

COLLEGE OF SAN MATEO – WATER SUPPLY TANK REPLACEMENT

Project Description: During a recent cleaning and inspection of the existing 500,000-gallon campus water storage tank performed in April 2017, inspection divers discovered degradation of the interior tank liner. This water storage tank supplies domestic, irrigation and fire water for the entire campus through a triplex booster pump system and dedicated fire pumps (electric-normal operations, diesel direct drive-emergency operations). The tank is supplied water from a public water system (California Water Company), but due to the location and topography of the campus the large storage tank is required to supply and maintain flow rate and pressure for domestic and fire water demands.

The degraded liner condition put the water quality and usage at risk. Unlined areas of the tank are subject to biofilm and algae growth, which use up the free disinfectant residual, creating water quality issues. Additionally, the degraded liner is breaking up into pieces that could lodge in the domestic or firewater outlets and/or pumps limiting available water. Replacement of the liner is possible, but would take the tank offline for two to three months to complete. The tank age of almost 60 years makes capital investment into the liner replacement questionable. The tank is reaching its useful life and replacement is warranted.

A replacement tank could be completed while the existing tank remains online with only short periods of system downtime for cutover. The campus FTE population, size of campus building, and current fire code require a replacement tank approximately 140% greater in volume than the existing tank.

This project replaces the existing tank considering the new design standards of the American Waterworks Association (AWWA) used in the design of steel and concrete water storage tanks, American Society of Civil Engineers (ASCE) used in the design of non-building and utility infrastructure, California Fire Code, as well as those standards used in the structural design review by the DSA.

Total Project Cost: The replacement of the water supply tank has an estimated cost of \$6.3 million, with \$5.7 million requested from State Capital Outlay funding, supplemented by \$629 thousand in local funds.

Status: Based on the assumption that the project is approved, design would commence in 2019 with construction starting in 2020. Assuming State Capital Outlay funding is secured, the facility would be ready for use in FY 2020-2021.

SKYLINE COLLEGE – BUILDING 2 WORKFORCE AND ECONOMIC DEVELOPMENT PROSPERITY CENTER

Project Description: This project provides a readily accessible integrated service center that responds to the need to link services, benefits, opportunities, and instruction to build on the State's investment in workforce and economic development and to strengthen the connections of the public to benefits and opportunities that help build personal and community economic sustainability. In particular, it addresses the specific needs of students by linking their educational experience with the job market and long-term careers. The services consist of three strands: employment/career services, income/work supports, and financial services/asset building.

This 30,914 asf facility includes a job placement center, resource libraries, international trade and development center, center for workforce development, and an English language institute. Project includes activating 7,897 asf of unassigned space. Improvements also include upgrades to base building utility systems such as power, lighting, data, security, hvac and plumbing.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$28.8 million, with \$14.6 million requested State Capital Outlay funding, supplemented by \$14.1 million in local funds.

Status: Based on the assumption that the project is approved, design would commence in 2019 with construction starting in 2020. Assuming State Capital Outlay funding is secured, the facility would be ready for use in FY 2022-2023. The District currently does not have local District funding for this project.

II. FY 2021-2022 IPPs

CAÑADA COLLEGE – BUILDING 3 PERFORMING ARTS CENTER TECHNOLOGY AND ENVIRONMENTAL MODERNIZATION

Project Description: This IPP addresses challenges resulting from changes in pedagogy over the past 40 years. Significant changes have occurred in the technologies that support the teaching of the fine arts, especially photography, as well as the theater and the theater support areas. Lighting, sound systems and backstage support rooms require renovation in order to properly train students in the use of these new technologies.

The visual arts and music program spaces need to be reconfigured to provide for the technological changes as well as providing a safer and cleaner working environment. Existing utility infrastructure systems (e.g. electrical, mechanical, data, elevator, security, etc.) all require upgrades to comply with current codes and improve the learning environment.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$43.5 million, with \$12.9 million requested State Capital Outlay funding, supplemented by \$30.6 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2021-2025 planning process. The District currently does not have local District funding for this project.

COLLEGE OF SAN MATEO – BUILDING 9 LIBRARY MODERNIZATION

Project Description: The library at College of San Mateo was constructed in 1963 and has housed the library and television radio studios. The building has seen minor remodeling and a seismic upgrade over the past 40 years and is in need of a major modernization to catch up with the media and library technologies relevant to today, and to conform to current codes, particularly ADA. The aged infrastructure is inadequate and past its useful life and needs to be replaced to meet State energy and District maintenance and operational standards.

The project reconstructs Building 9 Library to provide facilities that integrate media and library technologies relevant to today; replaces building-wide aged infrastructure to support these programs and increase energy efficiency; removes hazardous materials; and increases accessibility as required by code. The former Television/Radio spaces will also be modernized to consolidate the Information Technology Services (management information services) for operational efficiencies within the heart of the campus.

The project will result in a total of 37,176 asf, which includes 21,550 asf of library space and 4,812 asf of office space and 10,814 asf of other spaces.

Total Project Cost: The cost is expected to be approximately \$21 million, with fifty percent of requested State Capital Outlay funding, supplemented by an approximately equal match in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2021-2025 planning process. The District currently does not have local District funding for this project.

COLLEGE OF SAN MATEO – BUILDING 8 DEMOLITION AND NEW KINESIOLOGY

Project Description: This project constructs 60,808 asf/90,000 gsf of new facilities on the College of San Mateo campus to respond to the growing demand for programs in fitness, wellness and aquatics for instructional needs. The Gymnasium was constructed in 1963 and was among the first buildings built on the site. It has never undergone any major renovations or remodeling for the past 40 years. There have been substantial changes in the program, code compliance issues, and infrastructure issues that require attention.

Total Project Cost: The cost is expected to be approximately \$74.5 million, with \$20.7 million requested State Capital Outlay funding, supplemented by \$53.8 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2021-2025 planning process. The District currently does not have local District funding for this project. The District currently does not have local District funding for this project.

SKYLINE COLLEGE – BUILDING 5 LIBRARY/LEARNING RESOURCE CENTER

Project Description: This project modernizes the Library/Learning Resource Center (LRC) facility so that it may continue to service the widening variety of needs required of such facilities, as well as provide energy efficiency and accessibility improvements required by current building codes. Originally constructed in 1995, Building 5 was designed to be the heart of the academic support system of the campus.

The conditions driving this project relate more substantially to the capability of the spaces in the building to keep pace with dynamic changes in the technologies that have taken place in the library and resources support industry during the past decade alone. A 20-year old building in this technology driven environment is apt to fall behind more rapidly than other typical buildings on the campus. The functions and role of the library and learning resources center have also changed in the manner in which they serve the tech-savvy student and faculty, which means that not only is the building outdated in its technology provisions, but the configuration of spaces themselves are inadequate and inefficient for delivering library and learning services. This project addresses these changes by reconfiguring the spaces to provide the right types of spaces, appropriately configured, while incorporating techno-media-internet elements throughout.

The project will require the replacement of the outdated telecommunications systems with respect to bandwidth/data speeds available today, and it also does not have enough capacity for the number of data ports now required by library users and the additional technology equipment that will be integrated in the library. The additional technology will also require upgrades to the security systems (to protect it from being stolen). Portions of the mechanical and electrical systems will also need to be upgraded/modified to provide enough power and cooling capacity for the additional technology use in the library.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$32.1 million, with \$11.7 million requested State Capital Outlay funding, supplemented by approximately \$20.4 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2021-2025 planning process. The District currently does not have local District funding for this project.

III. Locally funded current and future projects

CAÑADA COLLEGE – BUILDING 1 KINESIOLOGY AND WELLNESS CENTER

Project Description: The existing 43-year-old gymnasium contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, is constructed of cast-in-place concrete and does not lend itself to reconfiguration. Therefore, the structure will be demolished and replaced. The new structure will serve certificate programs and transfers in Kinesiology, Fitness Professional, and Dance, provide a new state-of-the-art gymnasium and health club to serve the community, along with two 25-meter pools, envisioned as part of the original campus master plan. The project will include appropriate locker rooms to meet accessibility codes and to comply with

Title IX^[1] requirements. In addition, this project will add a classroom dedicated to the advancement of the Kinesiology and Fitness Professional programs.

Total Project Cost: Total project cost is expected to be approximately \$115 million, to be funded by Measure A and H general obligation bond funds as well as local funds.

Status: Construction started January 2018. Occupancy is scheduled for mid-2020.

CAÑADA COLLEGE – BUILDING 23 MATH AND SCIENCE BUILDING

Project Description: The new approximately 50,000 square foot Math and Science Building will be constructed east of Building 22 and north of Building 18. The new building will also house general lecture facilities to meet the needs of various programs. Also included in this project is to install a new chiller in the central plant.

Total Project Cost: The total project cost is expected to be approximately \$70 million, to be funded by Measure H general obligation bond funds.

Status: Construction started March 2018. Occupancy is scheduled for mid-2019

COLLEGE OF SAN MATEO – BUILDING 17 LEARNING COMMUNITIES

Project Description: This project proposes to repurpose the majority of faculty offices located in Building 17 to provide support space for a number of Learning Communities. Learning Communities are cohort-based programs that link instructors across disciplines and connect people who share common academic goals and attitudes. CSM's learning communities offer an innovative and exciting approach to learning designed for student success. The CCCO analysis indicates the CSM campus is currently overbuilt in the office space category, and the Administration has identified alternate faculty office spaces elsewhere on the campus to house those displaced by this project.

Total Project Cost: The total project cost is expected to be approximately \$6.8 million, to be funded by Measure H general obligation bond funds.

Status: Currently being re-bid as Lease-Lease-Back. Construction is scheduled to start November 2018 with occupancy scheduled mid-2019.

COLLEGE OF SAN MATEO – EDISON PARKING LOT (DEMOLITION OF BUILDINGS 20 & 20A)

Project Description: Building 20 and the associated greenhouses are 52 years old, in great disrepair, non-ADA compliant and grossly underutilized (most programs that had been located there have moved to the new College Center). The Board of Trustees approved the discontinuance of the Horticulture program several years ago. In addition, the one classroom located in Building 20 is not needed due to the fact that the College has added approximately 41,750 square feet of new classroom, lab and office space over the past eight years. The District's facilities condition database indicates that all building systems in Building 20 are beyond their service life, except for the floor slab, exterior walls and roof. The Facilities Condition Index (FCI) for Building 20 is 68.36%, which indicates it is in very poor condition.

^[1] Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

As a result, the Administration determined that it would be best to demolish Building 20 and the associated greenhouses; then construct approximately 125-200 parking spaces (replacing the existing 30-40 spaces). Due to the opening of Building 10, new parking spaces on the east side of campus are definitely needed.

Total Project Cost: This project has an estimated cost of approximately \$5 million, to be funded by Measure H general obligation bond funds and local funds.

Status: The project is currently on hold pending the CEQA process.

COLLEGE OF SAN MATEO – BUILDING 19 EMERGING TECHNOLOGIES CENTER

Project Description: The 45-year-old Building 19 contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete, which does not lend itself to reconfiguration. This project will meet code requirements, minor interior refresh and some technology upgrades.

Total Project Cost: The total project cost is estimated to be approximately \$3 million, to be funded by Measure H general obligation bond funds.

Status: Programming requirements to be reviewed.

SKYLINE COLLEGE – BUILDING 19/OCEANA HIGH SCHOOL SWING SPACE

Project Description: Building 19 & Oceana H.S. will provide swing space during the construction of Buildings 1, 2 and 5 through 2023.

Total Project Cost: The total project cost is expected to be approximately \$4.1 million, to be funded by Measure H general obligation bond funds and local funds.

Status: Construction started May 2019 with occupancy scheduled early 2019

SKYLINE COLLEGE – BUILDING 12 ENVIRONMENTAL SCIENCE

Project Description: With the increased sensitivity to and the growth in green technologies, the College has experienced a huge growth in the environmental sciences program. The program is currently housed in scattered locations around the campus. This new approximately 21,000 square foot building will serve as a model for sustainability and a home to the programs that support these new technologies.

Total Project Cost: The total project cost is expected to be approximately \$42 million, to be funded by Measure H general obligation bond funds.

Status: Construction started Oct 2017 with occupancy scheduled mid-2019.

SKYLINE COLLEGE – BUILDING 1 SOCIAL SCIENCE AND CREATIVE ARTS

Project Description: This project replaces the 77,587 gsf Fine Arts Building (Building 1). Constructed in 1969, it contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, and is constructed of cast-in-place concrete, which does not lend itself to reconfiguration. The building is in need of extensive modernization to the extent that replacement

became the more practical solution. The new building will be approximately 120,000 square feet providing teaching and learning spaces for the arts and social sciences including theatre, photography, painting, ceramics, music, digital arts, dance, paralegal, and administration of justice, philosophy, psychology, history, and sociology.

Total Project Cost: The total project cost is expected to be approximately \$150 million, to be funded by Measure H general obligation bond funds.

Status: Design is underway. Project target completion is scheduled 2022.

SKYLINE COLLEGE – REMOVAL OF PORTABLE BUILDINGS 3A, 3B, 3C, 3D AND 3E

Project Description: This project will remove modular buildings 3A through 3E in accordance with the District's ongoing commitment to reduce or eliminate use of temporary facilities in accordance with CCCO guidelines.

Total Project Cost: A conceptual cost estimate for this project is \$1 million. This project is to be funded by Measure H general obligation bond funds.

Status: These structures are anticipated to be removed at the end of 2022.

RECOMMENDATION

It is recommended that the Board of Trustees authorize submission of the District's 2020-2024 Five-Year Capital Construction Plan to the California Community Colleges Chancellor's Office, along with related Initial and Final Project Proposals seeking State Capital Outlay Funding.

BOARD REPORT NO. 18-12-105B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: José D. Nuñez, Vice Chancellor, Facilities Planning, Maintenance and Operations,
358-6836
Chris Strugar-Fritsch, Director of Capital Projects, 378-7342

**AUTHORIZATION TO AUGMENT THE DESIGN-BUILD CONTRACT FOR CAÑADA
COLLEGE BUILDING IN NEW KINESIOLOGY AND WELLNESS BUILDING PROJECT**

The Cañada College Kinesiology and Wellness (Building 1N) project will construct a new ~115,000 SF kinesiology and wellness instructional and enterprise facility which includes state-of-the-art fitness center, aquatic center, dance studios, yoga studios, cycling studios, NCAA gymnasium for basketball and volleyball, weight training facility, lecture classroom, student and enterprise locker/shower rooms, an activated roof with running track, pickleball courts, sunrise yoga studio, an outdoor exercise area, expansion of Parking Lot 6, south quad plaza, and program administrator, faculty, and enterprise operation offices.

On September 14, 2016, the San Mateo County Community College District Board of Trustees approved a contract award (Board Report No. 16-9-100B) to the Design Build Entity (DBE) of Blach/ELS for the design and construction of the new Cañada College Kinesiology and Wellness Building B1N in the amount of \$60,376,070 based on an initial conceptual design concept and related cost estimate.

Subsequent to the initial conceptual design, the project team of Blach/ELS has completed program validation, Division of State Architect permit process, and sub-trade contractor procurement. The program and design phases of the project engaged the faculty and staff of the new facility along with representatives of the Auxiliary Services and enterprise operations teams, validating that the project meets the academic and enterprise program needs of the kinesiology, wellness, athletic and enterprise programs.

Since the initial conceptual design, the project design and construction costs have increased by \$28,096,291 resulting in a total contract cost of \$88,472,361. Costs have increased due to price escalation in the Bay Area market as well as final project design specifications and technical specifications. On January 24, 2018, staff presented an information report to the Board (Board Report No. 18-1-4C) describing the volatile and overheated construction market in the Bay Area. The report noted that, since 2014, construction activity and construction costs have increased approximately 95% and 32%, respectively. Since the January 2018 information board report, construction costs have escalated an additional 7%.

In addition to escalating construction costs, the scope of the Cañada College Building 1N project has been expanded to include:

- Activation of ~30,000 sq. ft. of the roof area for a running track, pickleball courts, yoga, and outdoor exercise areas
- Redeveloping Parking Lot 4 to provide a plaza connecting the new building to the central campus and providing outdoor accessible collaborative spaces for students and faculty

- Redeveloping the former entablature area providing a plaza area for ceremonial events and aquatic center overflow viewing area
- Relocation and connecting ADA path of travel between the new Kinesiology and Wellness Building with the central campus
- Division of State Architect plan review comments and 2016 building code changes

The project will be funded with Measure H general obligation bonds and other local funds.

RECOMMENDATION

It is recommended that the Board of Trustees authorize the Executive Vice Chancellor to augment the initial contract with the DBE team of Blach/ELS for the Cañada College Building 1N Kinesiology and Wellness Building project by \$28,096,291 for a final guaranteed maximum price in an amount of \$88,472,361 along with an owner contingency of 10% of the contract award.

BOARD REPORT NO. 19-6-101B

TO: Members of the Board of Trustees

FROM: Ron Galatolo, Chancellor

PREPARED BY: José D. Nuñez, Vice Chancellor, Facilities Planning & Operations, 358-6836

APPROVAL OF 2021-2025 FIVE-YEAR CAPITAL CONSTRUCTION PLAN

On July 25, 2018 (Board Report No. 18-7-113B), the Board authorized submittal of the District's 2020-2024 Five-Year Capital Construction Plan (5YCP), the related Initial Project Proposals (IPPs) and Final Project Proposals (FPPs) to the California Community Colleges Chancellor's Office (CCCCO). The authorization was in accordance with the Community College Construction Act and both the Education Code Section 81800, *et seq.*, and State Administrative Manual 6610. The plan constitutes the first part of the capital outlay proposal process and was prepared according to current guidelines.

The CCCCCO reviews and evaluates submitted plans for conformance to existing guidelines and potential for funding. In April, CCCCCO announced that additional new capital outlay projects were added to the fiscal year (FY) 2019-2020 budget which included, Cañada College Multiple Program Instructional Center (Bldg. 13) and Skyline College Workforce Economic Development Prosperity Center (Bldg. 2). In May, CCCCCO resubmitted a request for Governor's budget approval of all thirty-nine (39) projects for FY 2019-2020. This list includes the College of San Mateo Water Tank. The list has been reviewed and approved. It is currently on the Governor's desk waiting for a signature.

In preparing and submitting the 2021-2025 plan, the District maintains its priorities with regard to funding improvements for (1) buildings and facilities, (2) improvements and modifications to meet the needs of the physically limited, and (3) response to safety concerns.

This report is broken down into four (4) categories:

- I. FY 2019-2020 FPPs (Approved for funding)
- II. FY 2021-2022 FPPs (Subject to approval and future funding)
- III. FY 2023-2024 IPP (Subject to approval and future funding)
- IV. Locally Funded Current and Future Projects

Each project is described under these sections and this report is meant to give the Board and community an understanding of the projects anticipated to be implemented in the 2021-2025 timeframe.

I. FY 2019-2020 FPPs (Approved for Funding)**CAÑADA COLLEGE – BUILDING 13 MULTIPLE PROGRAM INSTRUCTIONAL CENTER**

Project Description: This project involves the modernization of the academic classroom building. The building was one of the original instructional buildings built on the Cañada campus in 1968. The project proposes code upgrades to restroom facilities, corridors and vertical circulation systems. The modernization will serve several purposes: It will provide housing for one of two animation labs, which are not co-located with the digital media program and will deactivate space in an existing relocatable building. It will provide more flexible classroom layouts and it will provide a new distance-learning facility. It addresses problems associated with facility accessibility for ADA compliance. As part of the mechanical work, BMS controls and existing AC units serving computer labs are replaced. Modernization of faculty offices is also part of this proposed project. A total of 29 offices will receive basic improvements including lights, mechanical, telephone/data and finishes. Shared office space for adjunct faculty and meeting room capacity are also part of this project. The renovation of the building-wide infrastructure systems improves the functionality of all 21,619 assignable square feet (asf) in the building including 6,059 asf lecture; 10,301 asf instructional laboratory; 3,604 asf office and 730 asf AV/TV space.

Total Project Cost: Total project cost for the renovation of this facility \$27 million, with \$9.7 million State Capital Outlay funding, supplemented by \$17.3 million in local funds.

Status: Start of Preliminary Plans on July 1, 2019. Facility would be ready for use in mid-2022.

COLLEGE OF SAN MATEO – WATER SUPPLY TANK REPLACEMENT *(Pending Governor's signature)*

Project Description: During a scheduled cleaning and inspection of the existing 500,000-gallon campus water storage tank performed in April 2017, inspection divers discovered degradation of the interior tank liner. This water storage tank supplies domestic, irrigation and fire water for the entire campus through a triplex booster pump system and dedicated fire pumps (electric-normal operations, diesel direct drive-emergency operations). The tank is supplied water from a public water system (California Water Company), but due to the location and topography of the campus the large storage tank is required to supply and maintain flow rate and pressure for domestic and fire water demands.

The degraded liner condition put the water quality and usage at risk. Unlined areas of the tank are subject to biofilm and algae growth, which use up the free disinfectant residual, creating water quality issues. Additionally, the degraded liner is breaking up into pieces that could lodge in the domestic or firewater outlets and/or pumps limiting available water. Replacement of the liner is possible, but would take the tank offline for two to three months to complete. The tank age of almost 60 years makes capital investment into the liner replacement questionable. The tank is reaching its useful life and replacement is warranted.

A replacement tank could be completed while the existing tank remains online with only short periods of system downtime for cutover. The campus FTE population, size of campus building, and current fire code require a replacement tank approximately 140% greater in volume than the existing tank.

This project replaces the existing tank considering the new design standards of the American Waterworks Association (AWWA) used in the design of steel and concrete water storage tanks,

American Society of Civil Engineers (ASCE) used in the design of non-building and utility infrastructure, California Fire Code, as well as those standards used in the structural design review by the DSA.

Total Project Cost: Total replacement cost of this facility \$6.3 million, with \$5.7 million State Capital Outlay funding, supplemented by \$629,000 in local funds.

Status: Start of Preliminary Plans on July 1, 2019. Facility would be ready for use in mid-2022.

SKYLINE COLLEGE – BUILDING 2 WORKFORCE AND ECONOMIC DEVELOPMENT PROSPERITY CENTER

Project Description: This project provides a readily accessible integrated service center that responds to the need to link services, benefits, opportunities, and instruction to build on the State's investment in workforce and economic development and to strengthen the connections of the public to benefits and opportunities that help build personal and community economic sustainability. In particular, it addresses the specific needs of students by linking their educational experience with the job market and long-term careers. The services consist of three strands: employment/career services, income/work supports, and financial services/asset building.

This 30,914 asf facility includes a job placement center, resource libraries, international trade and development center, center for workforce development, and an English language institute. Project includes activating 7,897 asf of unassigned space. Improvements also include upgrades to base building utility systems such as power, lighting, data, security, hvac and plumbing.

Total Project Cost: Total project cost for the renovation of this facility \$39 million, with \$20 million State Capital Outlay funding, supplemented by \$19 million in local funds.

Status: Start of Preliminary Plans on July 1, 2019. Facility would be ready for use in mid-2022.

II. FY 2021-2022 FPPs (Subject to approval and future funding)

CAÑADA COLLEGE – BUILDING 3 PERFORMING ARTS CENTER TECHNOLOGY AND ENVIRONMENTAL MODERNIZATION

Project Description: This project will modernize the 48-year old Fine Arts facility so that the visual arts, music and theater programs can be reconfigured for operational efficiencies, and be equipped with the appropriate technology, electrical, data, and mechanical systems required for comfortable, safe environments that increase student performance and learning. The rest of the Humanities and Social Sciences division also use the classrooms, computer labs and offices in the building which require the same upgrades. Programmatically the music program spaces will be consolidated to be next to one another, facilitating the creation of dressing rooms adjacent to the stage for the theater. A similar consolidation of art spaces facilitates a needed expansion for the Fashion program and the relocation of the theater sound/light control room to the second floor.

Technology and environmental upgrades addressed in the modernization include: upgrades to the theater systems (lighting, sound, rigging, etc.), the replacement and increase in capacity for the aged telecommunications, electrical, mechanical, security and lighting systems, and the removal of

hazardous substances. The re-routing of all data cabling inside the building in lieu of the roof, which will also be replaced. New waterproofing at below grade concrete areas to address reoccurring water intrusion issues; and replacement of single-pane glazing for energy efficiency and reduced glare. Building Code upgrades include minor seismic strengthening, upgrades/replacements to stairs, elevator, wheelchair lift, fire alarm and restrooms, automatic entry doors and signage.

The project will result in a total of 39,400 assignable square feet (asf) in the building including 4,200 ASF lecture space; 8,050 asf instructional laboratory; 3,300 asf office; and 23,850 other space.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$31 million, with \$15.5 million requested from State Capital Outlay funding, supplemented by \$15.5 million in local funds.

Status: Based on the assumption that the project is approved, design would commence in 2021 with construction starting in 2023. Assuming State Capital Outlay funding is secured, the facility would be ready for use in FY 2024-2025. The District currently does not have local District funding for this project.

COLLEGE OF SAN MATEO – BUILDING 9 LIBRARY MODERNIZATION

Project Description: This project will modernize the 53-year old Library so that it can be reconfigured as a one-stop place for information needs, technology needs, and related services that support modern teaching pedagogies that have evolved over the last fifty years since the library was built. The reconfiguration of the top two floors will integrate the current media-technology-internet based learning systems throughout, provide a diversity of learning environments for study, collaboration and making, robust wired and wireless network and connection points, as well as comfortable flexible furniture. The project will also modernize the first floor to downsize TV/Radio spaces and convert the balance of the floor into two Academic Technology Support services: Center for Transformative Teaching and Learning (CTTL) for faculty and staff, and an Information Technology Help Center for students.

To provide the necessary infrastructure and environmental conditions to support these programs, to improve energy efficiency and reduce maintenance costs, the modernization includes the replacement and increase in capacity for the aged mechanical, electrical, telecommunications, fire alarm, security and lighting systems, as well as the removal of hazardous substances. The deteriorated roof and single pane glazing will also be replaced, and stairs, elevators, restrooms, doors and signage will be upgraded for accessibility and other code related changes. The modernization will also require some seismic strengthening.

The project will result in a total of 38,785 assignable square feet (asf) in the building including 3,501 asf office; 22,190 asf library space; 6,290 asf AV/TV space; and 6,804 other space.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$29.2 million, with \$14.5 million requested from State Capital Outlay funding, supplemented by \$14.7 million in local funds.

Status: Based on the assumption that the project is approved, design would commence in 2021 with construction starting in 2023. Assuming State Capital Outlay funding is secured, the facility would be ready for use in FY 2024-2025. The District currently does not have local District funding for this project.

SKYLINE COLLEGE – BUILDING 5 LIBRARY/LEARNING RESOURCE CENTER

Project Description: This project will modernize the Library/LRC facility so that it can be reconfigured appropriately to deliver the support services needed for student success. The current building arrangement and infrastructure hinder the ability for these services to meet these goals effectively. The Learning Center (Tutoring, Supplemental Instruction, TRIO, BAM) will be expanded by locating it on the second floor where there is more space and daylighting, while the library stacks will be reduced and relocated downstairs, along with the circulation desk, library offices and some quieter areas to study. The second floor will also increase the number of group study rooms, and create diverse, comfortable and flexible study spaces. The modernization will expand the Disability Resource Center and the Center for Transformative Teaching and Learning (CTTL) on the first floor.

To provide the necessary infrastructure and environmental conditions to support these programs, to improve energy efficiency and reduce maintenance costs, the modernization includes the replacement and increase in capacity for the aged mechanical, electrical, telecommunications, fire alarm, security and lighting systems, as well as the addition of cooling. The deteriorated roof and glazing will also be replaced, and stairs, elevators, restrooms, doors and signage will be upgraded for accessibility and other code related changes. The modernization will also require some seismic strengthening.

The project will result in a total of 36,495 assignable square feet (asf) in the building including 1,200 asf instructional laboratory; 5,860 asf office; 24,725 library space; 1,300 asf AV/TV space and 3,410 other space.

Total Project Cost: The renovation of this facility has an estimated total project cost of \$26.3 million, with \$13.1 million requested from State Capital Outlay funding, supplemented by \$13.2 million in local funds.

Status: Based on the assumption that the project is approved, design would commence in 2021 with construction starting in 2023. Assuming State Capital Outlay funding is secured, the facility would be ready for use in FY 2024-2025. The District currently does not have local District funding for this project.

III. FY2023 – FY2024 IPP (Subject to approval and future funding)**COLLEGE OF SAN MATEO – BUILDING 8 DEMOLITION AND NEW KINESIOLOGY**

Project Description: This project constructs 60,808 asf/90,000 gsf of new facilities on the College of San Mateo campus to respond to the growing demand for programs in fitness, wellness and aquatics for instructional needs. The Gymnasium was constructed in 1963 and was among the first buildings built on the site. It has never undergone any major renovations or remodeling for the past 40 years. There have been substantial changes in the program, code compliance issues, and infrastructure issues that require attention. This will be a design build project.

Total Project Cost: The cost is expected to be approximately \$75.8 million, with \$23.8 million requested State Capital Outlay funding, supplemented by \$52 million in local funds.

Status: If the CCCCCO approves this IPP, an FPP will be developed and submitted as part of the 2023-2024 planning process. The District currently does not have local District funding for this project.

IV. Locally Funded Current and New Projects

CAÑADA COLLEGE – BUILDING 23 SCIENCE AND TECHNOLOGY

Project Description: The new approximately 50,000 square foot Math and Science Building will be constructed east of Building 22 and north of Building 18. The new building will also house general lecture facilities to meet the needs of various programs. Also included in this project is to install a new chiller in the central plant.

Total Project Cost: The total project cost is expected to be approximately \$70 million, to be funded by Measure H general obligation bond funds.

Status: Construction started March 2018. Occupancy is scheduled for August 2019

CAÑADA COLLEGE – BUILDING 1 KINESIOLOGY AND WELLNESS CENTER

Project Description: The existing 43-year-old gymnasium contains hazardous materials, does not meet current structural, accessibility or energy efficiency codes, is constructed of cast-in-place concrete and does not lend itself to reconfiguration. Therefore, the structure will be demolished and replaced. The new structure will serve certificate programs and transfers in Kinesiology, Fitness Professional, and Dance, provide a new state-of-the-art gymnasium and health club to serve the community, along with two 25-meter pools, envisioned as part of the original campus master plan. The project will include appropriate locker rooms to meet accessibility codes and to comply with Title IX^[1] requirements. In addition, this project will add a classroom dedicated to the advancement of the Kinesiology and Fitness Professional programs.

Total Project Cost: Total project cost is expected to be approximately \$120 million, to be funded by Measure A and H general obligation bond funds as well as local funds.

Status: Construction started January 2018. Occupancy is scheduled for mid-2021.

COLLEGE OF SAN MATEO – BUILDING 17 LEARNING COMMUNITIES

Project Description: This project proposes to repurpose the majority of faculty offices located in Building 17 to provide support space for a number of Learning Communities. Learning Communities are cohort-based programs that link instructors across disciplines and connect people who share common academic goals and attitudes. CSM's learning communities offer an innovative and exciting approach to learning designed for student success. The CCCO analysis indicates the CSM campus is currently overbuilt in the office space category, and the Administration has identified alternate faculty office spaces elsewhere on the campus to house those displaced by this project.

^[1] Title IX is a 1972 federal civil rights law prohibiting discrimination in education programs and activities receiving federal funds. It was the first comprehensive federal law to prohibit sex discrimination in these institutions.

Total Project Cost: The total project cost is expected to be approximately \$6.8 million, to be funded by Measure H general obligation bond funds.

Status: Lease Lease Back contract was issued. Construction started November 2018. Occupancy is scheduled for November 2019.

COLLEGE OF SAN MATEO – EDISON PARKING LOT (DEMOLITION OF BUILDINGS 20 & 20A)

Project Description: Building 20 and the associated greenhouses are 52 years old, in great disrepair, non-ADA compliant and grossly underutilized (most programs that had been located there have moved to the new College Center). The Board of Trustees approved the discontinuance of the Horticulture program several years ago. In addition, the one classroom located in Building 20 is not needed due to the fact that the College has added approximately 41,750 square feet of new classroom, lab and office space over the past eight years. The District's facilities condition database indicates that all building systems in Building 20 are beyond their service life, except for the floor slab, exterior walls and roof. The Facilities Condition Index (FCI) for Building 20 is 68.36%, which indicates it is in very poor condition.

As a result, the Administration determined that it would be best to demolish Building 20 and the associated greenhouses; then construct approximately 125-200 parking spaces (replacing the existing 30-40 spaces). Due to the opening of Building 10, new parking spaces on the east side of campus are definitely needed.

Total Project Cost: This project has an estimated cost of approximately \$5 million, to be funded by Measure H general obligation bond funds and local funds.

Status: Currently being bid as Lease Lease Back. Construction is scheduled to start February 2020.

COLLEGE OF SAN MATEO – BUILDING 7 FMC CORPORATION YARD

Project Description: This project will improve vehicle circulation, add covered vehicle storage, EV charging stations for electric vehicles, covered wash area for vehicles, improve material drop off area, add retaining wall as necessary to facilitate improvements, add fencing, gates, security cameras, and ACAM security systems, underground storm, sanitary, electrical, data infrastructure, and green waste laydown area.

Total Project Cost: This project has an estimated cost of approximately \$2 million, to be funded by Measure H general obligation bond funds and local funds.

Status: Currently being bid as Lease Lease Back. Construction is scheduled to start February 2020.

SKYLINE COLLEGE – BUILDING 12 ENVIRONMENTAL SCIENCE

Project Description: With the increased sensitivity to and the growth in green technologies, the College has experienced a huge growth in the environmental sciences program. The program is currently housed in scattered locations around the campus. This new approximately 21,000 square

foot building will serve as a model for sustainability and a home to the programs that support these new technologies.

Total Project Cost: The total project cost is expected to be approximately \$42 million, to be funded by Measure H general obligation bond funds.

Status: Construction started Oct 2017. Occupancy is scheduled for October 2019.

RECOMMENDATION

It is recommended that the Board of Trustees authorize submission of the District's 2021-2025 Five-Year Capital Construction Plan to the California Community Colleges Chancellor's Office, along with related Initial and Final Project Proposals seeking State Capital Outlay Funding.