Measure J Project Summary

(Updated: December 2016)

Purpose. This document provides a short summary of the projects that are currently in the Facilities Master Plan and included in Measure J. It is designed to provide information about the projects and is not intended to be used to advocate for any position on Measure J. This document is formatted to provide the background for each project along with a short description of its scope. The costs shown are the total costs of each project. These include design, engineering, construction management, construction, contingency, furniture/fixtures/equipment, and projected escalation.

Program Summary

- Public Safety Training Center ($17,000,000)
- Welding Building ($23,000,000)
- Science Building ($73,000,000)
- Skyway Center Remodel ($2,000,000 - $5,000,000)
- Veterans Center, Life Science and Physical Science Remodel ($20,500,000)
- Mathematics Building Remodel ($6,800,000)
- Technology Infrastructure ($11,000,000)
- Athletics Facilities ($12,000,000)
- Facilities Infrastructure ($21,700,000)

Projects

Public Safety Training Center ($17,000,000)*

Background. As part of the Measure A program (2002-2011) the college built an Emergency Vehicle Operations Course (EVOC) track, a fire tower, skid pan, and maintenance facilities for its public safety training area.

Description. The college's public safety programs need improved facilities to train fire and police professionals. Specific projects include a firing range and a Scenario Village. Currently, these programs use a firing range leased from Department of Water Resources. This range is located 45 minutes from the college and the transit times negatively impact the program. Additionally, the current range facility has significant environmental issues and it is very likely that the college will no longer be allowed to use this facility in the near future. Other firing ranges in the local community do not have the capacity to serve the number of students in the college's public safety programs. The Scenario Village would provide public safety professionals with the ability to train on a variety of scenarios. Construction of this facility began in 2010-2011 using the college's construction program. Currently four of the planned 12 buildings have been wholly or partially constructed. This project would complete the Public Safety Training Area by constructing an indoor firing range and completing the Scenario Village.

Welding Building ($23,000,000)*

Background. The original welding facility dates from the early 1970s. Although there was a modest expansion of the program in its existing facility included in the Measure A program (2002-2011), the existing building is at the end of its useful life and cannot meet the evolving needs of the manufacturing industry in our local area.

Description. In 2015 the Butte College Welding Program was one of nine programs recognized nationally as an "Excellence in Action" winner, as representing the best that Career and Technical Education has to offer. This project would replace the outdated welding facility with a modern structure that would enable the program to maintain its current excellence, expand the number of students that could be accommodated, and provide the space necessary to meet the needs of local manufacturers.

Science Building ($73,000,000)*

Background. The original Life Science and Physical Science buildings were constructed in the early 1970s when there were only 6,000 students attending Butte College. Currently, there are 17,000 students attending the college. All students pursuing a degree and/or transfer must take science courses to meet their general education requirements. Additionally, students must take a significant number of science courses to meet the pre-requisites for the health programs and the science requirements for engineering. Although there was a modest expansion in the sciences included in the Measure A program (2002-2011), there is still significant unmet need for instructional space for these disciplines.

Description. The college recently conducted a research study to determine the percentage of the Butte College academic program that consists of life and physical science courses compared to other community colleges in California. Currently, 6.6% of the Butte College academic program is in the science area compared to 8.4% for the state. This means that Butte College science program is over 27% smaller than its California counterparts. This is an issue for the community because Butte College has robust health programs and there is both high demand and high wages for students completing STEM programs. This project provides a new Sciences Building that meets current and projected needs for the Physical and Life Science programs.

Skyway Center Remodel ($2,000,000 - $5,000,000)*

Background. Prior to 2011, the Automotive Technology Building was housed on the main campus in facilities that were constructed in the mid-1970s. With the tripling of the size of the student population, innovative partnerships with car manufacturers, and the increasing complexity of this career field, the program outgrew its original facilities. At the same time, the college provided and continues to provide a number of economic and workforce development programs to support the needs of the local business community. These include the Small Business Development Center, Contract Education, the Training Place, and the Health Workforce Initiative. These were originally housed in rented facilities in Chico. In 2011, to meet the needs of the Automotive Technology Program and to consolidate the

economic and workforce development programs in one facility, the college purchased and renovated the old Austin's Furniture building and renamed it the Skyway Center.

Description. When developing the Skyway Center, the college left a portion of the building undeveloped to enable it to evaluate the highest and best use of this space based on experience. This project completes the build-out of the Skyway Center, provides additional space for the Automotive Program for alternative fuels technology, and adds space for use as classrooms or for workforce training.

Veterans Center, Life Science and Physical Science Remodel ($20,500,000)*

Background. The college has long had a commitment to its veterans. In 2008 the college established one of the first Community College Veterans Center in the state in one of its existing portable facilities. This center was considered a model for the state and the concept was subsequently adopted by many other colleges. In 2011 the first Veterans Center was moved to a larger portable on the periphery of the campus. Additionally, over the past 15 years the college has established a variety of other innovative programs to support students. These include the Safe Place, Sustainability Resource Center, Regional Testing Center, Call Center, and Culture and Community Center. As secondary effect from the Science Building the current Life Science and Physical Science buildings will no longer be needed for the science programs.

Description. This project will move the Veterans Center to a larger, permanent facility that is centrally located on the main campus. This will be accomplished by renovating the existing Physical and Life Science Buildings to accommodate this program as well as the Safe Place, Sustainability Resource Center, Regional Testing Center, Call Center, MESA (Mathematics, Engineering, and Science Achievement) program, some Agricultural Science programs, and Culture and Community Center. The result will be permanent space for all of these programs as well as expanded, permanent, and more centrally located space for the Veterans Center.

Mathematics Building Remodel ($6,800,000)*

Background. The Mathematics Department is located in a building that was constructed in the early 1970s to accommodate what is now outdated technology programs. Over the years this building was renovated repeatedly to expand the number of classrooms available for the Mathematics Department. The result is a building that is inefficiently designed and characterized by substandard classrooms that are small, awkwardly arranged, and not equipped with the latest technology.

Description. This project will completely renovate this building to provide modern classrooms to support Mathematics. These classrooms will be of standard design and equipped with the latest technology. This change will increase the college's capacity to meet student needs in Mathematics.

Technology Infrastructure ($11,000,000)

Background. The college's technology infrastructure is outdated and poses an information security risk to students and the institution. Additionally, smart classroom technology is outdated and does not meet the needs of the faculty and students.

Description. This project updates the college's technology infrastructure to alleviate information security issues and provides instruction technology to meet faculty and student needs.

Athletics Facilities ($12,000,000)*

Background. The college's athletic facilities were constructed when the campus was originally built in the mid-1970s. Aside for some minor locker room renovations and enhancements made by program personnel these facilities have been largely unchanged. Since state funds cannot be used for athletic facilities the amount of money the college can put into these is limited. Currently, the college is constructing a new athletics track.

Description. This project modernizes the college's athletic facilities and includes athletic field renovations and upgrades, press box replacement, replacement of the field house, gymnasium upgrades and locker room upgrades.

Facilities Infrastructure ($21,700,000)*

Background. The college's infrastructure (utilities, circulation/parking, accessibility) was originally constructed in the 1970s and, for the most part, has not been updated. Since then the college has installed sufficient solar capacity at the main campus and Chico Center to fully offset its electric bill. Of particular concern is the college's gas lines. When these were originally constructed the building code allowed them to be made of PVC pipe. These PVC gas lines are at the end of their useful life and some minor failures have occurred. Replacing the PVC gas lines will be costly. Additionally, codes pertaining to accessibility have significantly changed since the college was originally constructed and much work must to done to meet these requirements.

Description. This project replaces the PVC gas lines, improves circulation/parking, and makes upgrades to meet newer accessibility requirements.

* The listed cost for each project is the total project cost. These include architectural design, engineering, construction management, construction, contingency costs, furniture/fixtures/equipment, and projected cost escalation. Additionally, based on legal requirements, construction costs are calculated using prevailing wage.