**CAL POLY Master Plan Update, Spring 2015**

**Land Use and Circulation Program and Guide to the Conceptual Maps**

The land use and circulation program identifies activities that need to be accommodated in the master plan in order to meet its goals. The following lists the highlights. Please note that some Master Plan goals, such as increasing the diversity of students, faculty and staff; cross-disciplinary learning; more vibrant evening and weekend activity; and environmental sustainability, as well as phasing and financing are not easily represented visually on these maps.

* **Learning Space – Formal & Informal.**
* The top priority is sufficient land to add space for Learn-by-Doing instruction, academic support, and related offices for all of the degrees and other academic programs, present and future.
* The Campus Core can be redeveloped so that most indoor instruction will fit within this area along with other related activities.
* **Agriculture, Outdoor Teaching & Learning.**
* Cal Poly’s Learn by Doing approach to education requires outdoor fields, research and demonstration areas, and exhibit space.
* New agricultural facilities are anticipated including equine/agricultural pavilions, and a fermentation sciences building.
* The Land Use Concept maps show certain agricultural facilities being relocated and redeveloped. These include a consolidated research and learning area for horticulture and crop science (including an expanded arboretum), the irrigation technology research site, an expanded veterinary facility, and an expanded farm store.
* **Residential Neighborhoods.**
* Providing housing for more students to live on campus is a central goal of the master plan.
* The University envisions residential neighborhoods that cater to the needs of different students.
* The neighborhood for first-year undergraduates is located in the southeastern section of campus, accessible to dining facilities (outlined by yellow dashed lines on the Land Use Concept maps).
* The Land Use Concept maps show several different possible locations for suites and apartments for sophomores and upper division students clustered in neighborhoods wrapping the core, including sites north of Brizzolara Creek (colored bright blue).
* Specialty housing for fraternities, sororities and other student organizations could also be located north of Brizzolara Creek.
* The maps also show some potential sites (in light blue) for lower density faculty/staff/family housing, which is under consideration in order to provide more affordable housing for employees.
* **Student Support & Activity.**
* The Campus Core concept map shows how Cal Poly can provide more space for student activities and support services by adding a Creekside Village at Via Carta near Brizzolara Creek.
* Although not illustrated at this scale, student and staff services can be built into the ground level of new buildings, particularly along major pedestrian routes on campus.
* **Recreation – Indoor & Outdoor.**
* The campus needs more outdoor recreation space for all students, particularly those living on campus.
* Future residential neighborhoods include informal recreation areas. Additional indoor recreation and wellness facilities could be located north of Brizzolara Creek near the new residential neighborhoods.
* The Land Use Concept maps show new uses on portions of existing recreation fields. Thus, the Land Use Concept maps also indicate additional outdoor recreation areas on the northwest side of the RR tracks to replace those fields and to serve the new student neighborhoods
* **Athletic Facilities.**
* Spanos Stadium would be expanded to modernize this facility and seat more fans.
* The Land Use Concept maps show several options for the activities in Mott Gym – ranging from renovation on site to replacement in conjunction with a new arena north of Brizzolara Creek.
* **Circulation Hierarchy – Pedestrians, Bikes, Transit, Cars.**
* The three Circulation concept maps as well as the Campus Core map show how the campus could better emphasize pedestrians and bicyclists, provide transit access, and manage vehicular traffic in the Campus Core.
* New parking structures are shown near major access routes (near Highland/Mt. Bishop Road and California) as well as near venues that attract large numbers of visitors, such as the baseball and softball stadiums, the new equine/ag pavilions and an arena.
* Although not illustrated at this scale, a shuttle-type system may be necessary to provide access from parking structures to the core.
* Major differences in the three Circulation concepts are the location of new grade-separated RR track crossings and the extent to which vehicular access is permitted on interior campus roads.
* Aspects of the three circulation concepts can be combined with different features of the three land use concept maps.
* **Other Features That Support Student Success.**
* Arena – An arena could partially replace activities currently in Mott Gym – e.g., as a venue for basketball games and concerts – as well as house large events associated with Cal Poly’s academic programs. The Land Use Concept maps show several alternative locations for an arena.
* Conference Center/Hotel – Cal Poly is exploring the potential for adding an academic program that serves the growing hospitality industry. A hotel would provide learning opportunities for students in such a program and provide overnight accommodation for alumni, parents and visitors. The companion conference center would provide an opportunity for Cal Poly to host academic and professional meetings. The Land Use Concept maps show several possible locations for a conference center and hotel.
* Industry Partnerships – The area labeled “Biz Hub” on Mount Bishop Road already includes Cal Poly’s Tech Park and has space for additional facilities to support start-up companies, non-profit organizations, and other entrepreneurial activities that involve students and faculty.
* Areas under Study – The three Land Use Concept maps designate some land west of the RR tracks on either side of Highland Drive for further study (light tan). These areas are currently in agricultural use and some or all might likely continue as such. Yet, because of their proximity to Highway One and the Campus Core, the University is studying them further. As Cal Poly seeks the financial means to implement a new master plan, some of these areas may lend themselves to public-private partnership activities that could subsidize facilities essential to meeting student and faculty needs.