

Campus Facilities Planning Board (CFPB)

Summary Points of Meeting

May 6, 2010

Hawai'i Hall 309

2:00 pm – 3:30 pm

Attendees: David Hafner, Eric Crispin, Kathy Cutshaw, Reed Dasenbrock, Peter Crouch, Vassilis Syrmos, Clark Llewellyn, and Ann Sakuma

Guest: Wayne Fujishige - Auxiliary Enterprises

Card Access on Campus (Wayne Fujishige):

- A number of mainland universities have a one (1) card debit system that does not require the use of cash on campus. The campus card can be used to pay tuition and purchase books, foods, merchandise, etc. from campus vendors.
- The issue of card access was raised as a result of elevator improvement projects moving forward for UH Mānoa which include CCTV and access control.
- There is currently no unified approach in selecting a card system at UH Mānoa. There are currently four (4) projects that involve card access systems with various vendors. See attachment.
- For safety and security, compatibility requirements to ensure that Campus Security will be able to access the various systems being used on campus when necessary needs to be addressed. This will require review of back end systems to understand how the individual systems communicate, the hardware and software components, their limitations and capacities, etc.

Conclusion: Wayne Fujishige will develop guidelines/criteria for CCTV and card access projects at UH Mānoa. The draft will be submitted to the committee for review.

Sinclair Basement (Vassilis Syrmos):

- OVCRGE has put forward a proposal to renovate the Sinclair Library basement. Significant electrical/mechanical work is needed.
- Journals that are not in use on the 2nd floor are being planned for transfer to the basement to make room for additional student cubicles and areas for student/group advising on the 2nd floor.
- Sinclair Library has been identified as a “green building” due to its naturally ventilated structure. Will match “space” with “use” for greater efficiency.

Conclusion: The committee has agreed that Sinclair Library remain a non-air conditioned building going forward.

Project Renovate to Innovate Initiative (Vassilis Syrmos):

- OVCRGE's top priority from the President is the Project Renovate to Innovate Initiative to re-build infrastructure of research and training centers.
- The Renovate to Innovate monies (\$20M) committed by the legislature has to be tied to research and not teaching. Applicable projects need to break ground before the next legislative session.
- Projects under consideration:
 - 3rd floor of Webster Hall → School of Nursing has agreed to relocate all occupants on the 3rd floor to move this project forward.
 - Edmonson is another project that is priority under this initiative.

Conclusion: The committee agreed that Renovate to Innovate funds should be used as priority for projects that meet the criteria, including the School of Nursing (3rd floor of Webster) and Edmonson Hall (two floors).

Move with Aloha (Ann Sakuma):

- A campaign to promote "living aloha" by encouraging the practice of being considerate of each other and sharing our valuable resources. This initiative was created to ensure the welfare and safety of the campus community engaged in mixed modes of transportation and to promote a pedestrian-friendly campus. See attachment.
- In addition to the painting of "sharrows" on Maile Way, East-West Road, and Lower Campus Road, approval is requested to highlight the "share zones" indicated on the campus map. Target date of completion is by end summer in time for fall semester.

Conclusion – The committee agreed that the Move with Aloha campaign proceed forward as planned and recommends changing the concrete texture of "share zones" vs. painting. Eric Crispin will work with Ann to move this forward.

Budget Update (Kathy Cutshaw):

- CIP Budget: \$178M includes \$48M for West Oahu, \$28M for the College of Hawaiian Language in Hilo, \$19M for health and safety projects, and \$35M in capital deferred maintenance. Proviso includes \$520K to replace Klum Gym, \$1.7 to improve the softball stadium, and \$2M in deferred maintenance for a 4-sided score board for the Stan Sheriff Center.
- Supplemental budget will be in addition to what UH has for this fiscal year.

CIP Prioritization: Handouts (Reed Dasenbrock/Eric Crispin/David Hafner):

- New Mexico Higher Education Capital Project Prioritization – May 2008 (see below).
- UH funds research whereas the majority of other institutions are self-supported through indirect-costs.

- In order to develop criteria to prioritize capital projects, an equity measure based upon actual info is needed. This may include weights and trends on value for investments, time line for project completions, points for energy reduction, how the project compares with the energy cost per sq foot of existing buildings or an average, and the on-going operational costs to ensure energy efficiency.
- A campus policy on energy standards is currently being drafted.
- Suggested capital project prioritization criteria for UH Mānoa:
 - Fixing existing space vs. new building
 - Information on operating expenses of the project should be included

Conclusion – Update prioritization criteria and identify Gartley Hall as a naturally ventilated renovated building for funding.

CCTV and Card Access Projects on Campus

The following projects on campus involve either a CCTV or card access system or both.

Project	CCTV	Access Control	Notes
Campus Center Fitness Center	Yes Approx. 51 cameras	Yes Approx. 39 access points	CC is planning on using Blackboard for their ID card system. Blackboard also is capable of providing a suite of centrally managed systems including CCTV, access control, POS, debit, and vending. CC is planning to start with ID & then add access control, food service, and admission to on-campus activity tracking to the card. They are planning on using the Sony FeliCa card as their credential. At this time, the card may only be available through Blackboard. The Campus Center project has already gone out for bid; due date for bids is May 14, 2010.
UHITS Building	Yes 5-7 cameras?	Yes ??	Basic security specs were developed by Shen Milsom & Wilke. They will also provide full design specs later; no systems vendor has been recommended. SM&W is recommending a security management system (SMS) for the building that includes CCTV, access control, security/panic/duress alarms, & intercom. A security control center in the building would monitor the SMS. Campus security would have access to monitor up to the building perimeter. The building's preliminary design was completed in December 2009; final drawings are being completed.
Fire Safety Program	No	No	Fire alarm system specs were developed by MK Engineering. The system they are recommending is manufactured by Bosch. A server & alarm panel would be installed in the Campus Security office and the Fire Safety Office. Bosch also offers a suite of monitoring systems for facilities that include CCTV, access control, and intrusion alarms. The IFB is being finalized and has not been posted.
Student Housing	Yes 16 cameras at Frear	Yes ??	A CCTV and access control system manufactured by Lenel was installed in Frear Hall; total of 16 cameras monitored at Frear. Exterior doors & elevators use Lenel prox readers. Student room doors use Onity Electronic Lock readers. Students use one multi-tech card; proximity & mag stripe combined. All other dorm front doors & elevators use Onity mag stripe readers. Most of the dorm room doors use Onity readers. Johnson Hall room doors will be converted to Onity in Spring 2011. Auenue, Kahawai, & Laulima room doors to be converted to Onity this summer. All front doors can be remotely managed from Frear. All room readers are stand alone. CBord is used for housing management only.
FMO Elevator Upgrades	Yes 32-36 Cameras For 16-18 elevators	Yes 16-18 Access points	CCTV & access control is being designed into the upgrades. A card standard was requested by D. Hafner that could be used in this project and for future campus projects. We recommended a hybrid, multi-technology card that would be compatible with other current card programs and future systems; see attached standards. Access control for the elevator upgrades should either be a system that is compatible with the fire alarm system or the Campus Center card system. Administration of the access system should be left to the building programs or departments. The project consultant has until the end of June to complete their due diligence report.
Campus Security	Yes 20 cameras	No	Twenty cameras to be installed at various high-incident locations around campus. Hardware manufacturer is American Dynamics and the installer was Security Resources. The same system is installed in the parking structure. Software licenses to connect the cameras can only be obtained through Security Resources. New ECBs with built-in CCTV capabilities are being researched to replace old or strategically located call boxes around campus; cost could approach \$4-\$5K each.

Card Standards

Based on our discussions with the following departments on campus, a hybrid or multi-technology card would be a suitable credential for use with the legacy systems on campus and for future card access systems. A campus-wide standard for the type of card that could be used by the following programs would be as follows:

Hybrid card (HID 2021, 2022 or equivalent) to include the following capabilities:

- Proximity – 13.56 MHz and 125 kHz antennas
- Mag Stripe
- Contactless smart chip
- Code 39 barcode
- Photo ID
- Multiple application areas

Program requirements:

- UHFMO elevator access control system – Prox card
- CBORD/Sodexo POS system – Mag Stripe
- UH Library use - Barcode
- Campus Center Student ID – Prox card with smart chip (Blackboard)
- UHITS building – Prox card