

**MEETING NOTES OF THE
UNIVERSITY FACILITIES PLANNING BOARD
April 9, 2013**

Members Present: Walt Banziger - Vice Chair, Kurt Blunck, Michael Everts, Chris Fastnow, Greg Gilpin, Mandy Hansen, Bob Lashaway for Terry Leist, Ritchie Boyd for Martha Potvin, Tom Stump, Cara Thuringer, Brenda York

Proxy: Nancy Cornwell carried by Walt Banziger, Jeff Butler carried by Bob Lashaway, Tom McCoy carried by Victoria Drummond, Fatih Rifki carried by Mike Everts, Jim Thull carried by Victoria Drummond

Members Absent: Allyson Brekke, Jeff Jacobsen, Patricia Lane, Jim Rimpau

Guests: Andy Allen, Robert Putzke, Rob Rodgers, Dan Stevenson

The University Facilities Planning Board met beginning at 3:30 pm to discuss the following:

ITEM No. 1 – Approval of Meeting Notes

Thuringer moved to approve the meeting notes from March 26, 2013. Boyd seconded the Motion. The meeting notes were approved unanimously.

ITEM No. 2 – Executive Committee Report

There was no action from the Executive Committee to report.

ITEM No. 3 – Consent Agenda

No items.

ITEM No. 4 – Recommendation – Creative Arts Complex (CAC) Exterior Architectural Treatments

Andy Allen presented an overview of the material that will cover the exterior brace frames. Gray 22 gauge bonderized panels with a standing seam will be installed from the foundation to above the brace frame, but not higher than the walls. It will have a drain system behind it. Everts questioned the maintenance and if there would be overstock in the same color if they ever become damaged and Allen replied that it will be looked into. If one was damaged, two or three panels could be replaced so the slight difference in color is blended better. Blunck questioned how they are attached. Allen replied that stainless steel screws will be put in a hat channel and then attached to the metal brace frame. They will not corrode. Everts was concerned with exposed fasteners getting wet. Allen replied that there is a drain system behind the panels and that the brace frame can get wet. Faced fasteners will be used since concealed ones are cost prohibited. Banziger commented that they will look to see if there is a way to conceal them that is cost effective. Lashaway moved to approve the exterior architectural treatments. Stump seconded the Motion.

The vote:

Yes: 16
No: 0

Post meeting note: Andy Allen was able to come up with a design modification to conceal the fasteners. This information was delivered to Mike Everts on April 12, 2013.

ITEM No. 5 – Recommendation – Student Art Sculpture Gift – 3D Model Update

Victoria Drummond presented an overview of a student art sculpture gift, which was first presented on December 18, 2012. The Public Art Committee voted unanimously in favor of recommending acceptance of the sculptural gift to the university. She introduced Rob Rodgers who won a sculpture design competition from Bridger Bowl. He has made a few changes to the design as agreed from the December meeting. Rodgers presented a 3D model of the piece on a proposed site near Cooley Lab (acknowledging that he understood the siting of it was a separate process) and addressed concerns from the last meeting. The pulleys are fixed so there isn't any vertical movement. The seats will have some horizontal movement. The trunk will be closed off at the top so debris doesn't collect in it. It will have a hole for drainage. The trunk and top piece are complete. The colors are the same as the tower and lift chairs at Bridger Bowl. Gilpin questioned if the legal department approved the piece and Lashaway replied that the legal department wouldn't be the one to approve it. It would be run by Safety & Risk

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Management. Banziger questioned the maintenance and ownership. Drummond replied that as a student gift the university would be responsible for the maintenance. Rodgers added that the paint is resistant to weather and is the same paint used at Bridger Bowl. He hopes Bridger Bowl will supply the paint for maintenance and believes it will last more than 10 years. Facilities Services would be responsible for the labor. Lashaway questioned its recognition and a plaque for the piece. Drummond replied that there may be additional funds from the public art plaque project to cover this piece. The Public Art Committee will soon require that our inventory have a standard plaque. Everts suggested etching in the steel rather than having a plaque. Drummond replied that that could happen, but it would still have a concrete pad with the standard plaque. It would be on the ground so it doesn't interfere with the piece. The location near Cooley Lab is Rodgers personal proposed location. The final location will be determined by the Board at a later date. Everts wanted to know how high the piece is and Rodgers replied that it is 12 feet high and has a wing span of 12 feet, although it is not completed yet. Gilpin requested that University Legal Counsel be consulted. Lashaway moved to conditionally approve the concept, pending consultation with Legal Counsel and Safety & Risk Management. Stump seconded the Motion.

The vote:

Yes: 16
No: 0

Post meeting note: Legal Counsel and Safety & Risk were consulted in December 2012 regarding liability issues and again following the UFPB meeting. Legal Counsel advised that it seems proper steps to attempt to mitigate any foreseeable risks was followed in the review process. Safety & Risk acknowledged early concerns were mostly mitigated by design modifications and that MSU hasn't had many incidents of vandalism or accidents associated with interactive art projects.

ITEM No. 6 – Recommendation – Pay Parking Lot Improvements

Kurt Blunck presented an overview of the Pay Parking Lot improvements. Parking Services is looking for guidance on the types of barriers to be used when it is expanded. The barriers need to be moveable for the Pay Parking Lot to be easily reconfigured. Concrete and plastic water-filled barriers have been considered. The least expensive option is a precast concrete barrier, by local company Anderson Precast, projected to be \$13,000. The capped concrete option is projected to be \$33,000. The plastic water-filled option is projected to be \$21,000. Boyd questioned the life expectancy of the plastic barriers. Blunck replied that it depends on how they are treated. Putzke added that cars will be parked up against them so they won't be seen. They are 32 inches tall and weigh 1,500-1,700 lbs. Fastnow questioned if there are current design standards for barriers and Blunck was not aware of any besides the ones delineating the rodeo dirt in the gravel lot. Parking Services' preference is the lower cost and locally sourced option. It is funded by Parking Services. Gilpin questioned why they want the lot to be expandable and how often they expect the Pay Parking lot to increase and those increases reduce S/B permit spaces. Blunck replied that he didn't know the answer, but that they want to be able to expand it for special events as needed, and it won't take S/B permit parking, since some is being re-designated. They will have a net gain of 300 S/B permit spaces on campus. Lashaway commented that there is a demand for events in the SUB. Banziger commented that the visitor's lot is important for recruitment and retention. Fastnow questioned if the current bollards are moveable and Blunck replied that they are not. The bollards on the west side will remain and those along the south will be removed. Stump questioned if the barriers would crush the asphalt over time and Blunck replied that he doesn't know. Banziger was concerned about the ends getting chipped and broken. Blunck commented that they will butt up against each other so the ends aren't exposed. Boyd questioned if walking gaps could be put between them and Blunck replied that it is designed with two gaps. They are trying to control pedestrians where cars pull out and prefer to channel them. It's a safety concern and they want a well defined area for people to walk through. Fastnow questioned if they could extend the sidewalk further south on the west side to the corner of the Pay Parking lot and Blunck replied that that would make it less flexible for reconfiguration. York moved to approve the least expensive option. Everts seconded the Motion.

The vote:

Yes: 16
No: 0

ADDED ITEM NOT ON AGENDA – Recommendation – Proposal to Amend Campus Lighting Standards

Dan Stevenson presented an overview of the proposal to amend campus lighting standards. The MSU Exterior Lighting Standard requires that all exterior pole mount lighting be Kim Archetype fixtures. The lighting standard is somewhat constraining to the use of lighting technologies that are available. Therefore, it needs to be supplemented to allow additional fixture types to be applied in parking and roadway applications. Areas outside the campus core, in what has been identified in the Exterior Lighting Standard as the Archetype District, are of primary interest; however, major redevelopment of areas within the Archetype District should also trigger analysis of the lighting to determine appropriate lighting installation. The original fixtures operate at around 45,000 hours/year and the lamp life is rated at about 18,000 hours. Every three and half to four years they are changing a light on every one of the 1,100 lights. At any one particular time there is between a 5%

and 10% failure. Continued use of existing technology will cost around \$1,000,000 in material and labor over the next 20 years. The MSU design guideline standard is .5 foot candles of illumination on the parking surface. We presently do not meet that standard. To meet that with existing technology more fixtures would have to be put in. An option is to have an LED light mounted on a slightly taller pole for roadway and parking fixtures. It produces less light but is effectively distributed. The expected life is 50 years. For 31 fixtures at the Fieldhouse parking lot, \$1,400 in annual maintenance will be saved and \$100,000 over their lifetime. They are economical. The additional incremental cost is only \$21,000, which is recovered in seven years. It would reduce green house gas emissions in this part of campus by 20 tons/year. These lights will reduce the amount of light we produce by 30% and still meet campus standards. The efficiency of that light placement results in higher coverage, reduced number of fixtures, and improves security. Color rendition is also improved. There will be over \$200,000 in energy and maintenance savings over the life of the project. Reduced failures result in more consistent service, directly increasing security. Drummond questioned if they could be added to existing poles. Stevenson replied that they will use the existing pole type (university standard) and increase the height by five feet. Fastnow questioned what the tradeoff would be between having a new light and replacing the internal fixtures. Stevenson said they tested the Kim retrofit and they had a high degree of failure, poor lighting distribution and the energy efficiency wasn't as good as other products. LED technology put in the conventional frame constrains its ability to perform. The walkway retrofit is good and will be used for new projects. The new LED lights are sleek and cut light pollution. Banziger suggested transitioning to the new head rather than retrofit. With approval, the number of poles can be reduced from 42 to 31 in the design of the parking lot. Thuringer was in favor of the better standard since they are more efficient. Lashaway moved to approve the supplement to the campus lighting standards. Stump seconded the Motion.

The vote:

Yes: 16
No: 0

This meeting was adjourned at 4:50 p.m.

VCD:lk

PC:

President Cruzado

Jayson O'Neill, President's Office

Maggie Hammett, President's Office

Allen Yarnell, President's Office

Lisa Duffey, Provost Office

Diane Heck, Provost Office

Victoria Drummond, Facilities PDC

ASMSU President

Heidi Gagnon, VP Admin & Finance

Jennifer Joyce, VP Student Success

Linda LaCrone, VP Research Office

Bonnie Ashley, Registrar

Robert Putzke, MSU Police

Becky McMillan, Auxiliaries Services

Julie Kipfer, Communications

Jody Barney, College of Agriculture

Susan Fraser, College of Agriculture

Robin Happel, College of Agriculture

JoDee Palin, College of Arts & Arch