

**MEETING MINUTES OF THE
UNIVERSITY FACILITIES PLANNING BOARD
May 1, 2018**

Members Present: Royce Smith – Chair, Walt Banziger – Vice Chair, Dan Stevenson, Kurt Blunck, Leslie Schmidt, Christina Fastnow, Chris Catlett, Tom Rogers, Glen Steinhoff, Gregg Aytes, Keith Hamburg, David Kack, Fatih Rifki by proxy (Royce Smith), and Duane Morris by proxy (Kurt Blunck)

Members Absent: Mike Everts, David Singel, Chris Kearns, Tom Stump, Jim Thull, and newly elected ASMSU President

Staff & Guests: John How, Darryl Curfman, Duke Elliot, Megan Sterl, Andy Moore (CTA Architects), Alissa Taysom, Leslie Schroeder

ITEM No. 1 – APPROVAL OF NOTES

The notes were not available for approval due to the Planning Drive being down. Hopefully, they will be accessible for approval at the next meeting on May 15, 2018.

ITEM No. 2 – EXECUTIVE COMMITTEE REPORT **None**

ITEM No. 3 – CONSENT AGENDA **None**

ITEM No. 5 – Recommendation – Outdoor Lighting Upgrades

Duke Elliot presented the Outdoor Lighting Upgrades for approval.

This project will replace existing outdoor lights with a newer technology luminaire (Phillips Pureform Edge Lit LED 3000K) in order to create a more consistent and softer look around campus. Primary differences between this luminaire and the current are a slimmer profile, warmer color temperature (3000K vs 4000K), and the proposed luminaire is edge lit (which provides better light distribution and softer light with less glare). The warmer color temperature gives improved color rendering which allows for easier identification at night and improves safety. This light conforms with both the City of Bozeman lighting standards and MSU lighting guidelines. It has a full cutoff. Additional benefits include better energy efficiency and reduced maintenance.

The first phase of the project will focus on Centennial Mall (90-100 retrofits). Eventually most of the core campus area will be retrofitted. Hoping to complete Centennial Mall by the end of the summer. Future phases will depend on funding. Each head runs \$1200. The plan is to do this in four phases over four years. Older fixtures will be repurposed to other areas of campus, because the older luminaires still have a remaining life of twelve to fifteen years. Currently, the light color temperature around campus is not consistent. The plan is to eventually have consistent outdoor lighting around campus.

Royce Smith asked for facts about the outdoor lighting replacement so that he can provide justification to those who may question the need for replacing existing lighting. Duke said he will provide a concise packet containing that information. John How asked if UFPB can treat this project like the cell towers, where approval covers not only the initial phase, but the subsequent phases as well, as long as there are no changes.

A challenge with the rapidly changing LED technology is that companies come and go, which impacts future availability. These LEDs have a ten-year warranty and are manufactured by Phillips, the second-largest lighting company in the world, so the supply should be stable. L70 rating is a published value for LEDs that tells when the LED is 30% depreciated. These bulbs will take 15 years to reach 30% depreciation (70% output). Tom Rogers asked about the economic impact of this project. Dan Stevenson reminded everyone that not that long ago MSU had a full-time electrician that did nothing but replace lamps and ballasts in the lights around campus, and because of LED technology, that has changed.

David Kack motioned to approve the recommendation for the Outdoor Lighting Upgrades to include all phases,

conditional upon use of this luminaire only.

Glen Steinhoff seconded the motion.

The motion was unanimously approved.

The Vote:

Yes: 14

No: 0

ITEM No. 4 – Recommendation – South Linfield Roof Fall Protection

Darryl Curfman presented the South Linfield Roof Fall Protection for approval.

Linfield 120 Meat Lab is scheduled to be renovated this summer. As part of the renovation, a rooftop HVAC unit will be installed. Initially, an indoor unit was considered, but there is not enough room. This rooftop unit satisfies all the conditions needed for the lab. It will be compliant for air changes, humidity regulation, positive air pressure, heat recovery, good controls, and the unit is energy efficient.

The location of the rooftop unit is dictated by the lab configuration below it. The unit will be close enough to the edge of the roof that fall protection will be required. The railing will be black, like those on Koch Story tower. Every possibility was considered to avoid having to install a railing, but there are no other viable alternatives. Alissa Taysom suggested that SHPO should review the railing, because Linfield Hall is registered historic building.

Royce Smith expressed gratitude to Darryl and his team for his hard work, because this project is not something the general public notices, but it is something that would be sorely missed if it weren't there.

Kurt Blunck motioned to approve the recommendation for the South Linfield Roof Fall Protection.

Kregg Aytes seconded the motion.

The motion was unanimously approved.

The Vote:

Yes: 14

No: 0

HORIZON ITEMS

- **None**

CM/Is

PC:

President Cruzado

Amber Vestal, President's Office

Maggie Hayes, President's Office

Julie Heard, Provost Office

ASMSU President

Lisa Hesperen, VP Admin & Finance

Heidi Gagnon, VP Admin & Finance

Jennifer Joyce, VP Student Success

Leslie Schmidt, Asst. VP Research
Office

Tony Campeau, Registrar

Frank Parrish, MSU Police

Becky McMillan, Auxiliaries Services

Julie Kipfer, Communications

Jody Barney, College of Agriculture

Susan Fraser, College of Agriculture

Robin Happel, College of Agriculture

Elizabeth Schmidt, College of Business

Candace Mastel, Campus Planning