

## MEMORANDUM

TO: University Facilities Planning Board: Joe Fedock - Chair, Walt Banziger - Vice Chair, Jim Becker, Kurt Blunck, Allyson Bristor, Jeff Butler, ASMSU President, Michael Everts, Mandy Hansen, Jeff Jacobsen, Patricia Lane, Terry Leist, Tom McCoy, Jim Rimpau, Tom Stump, Joe Thiel – ASMSU, Jim Thull, Allen Yarnell, Brenda York

FROM: Victoria Drummond, Associate Planner, Planning, Design & Construction

RE: **September 27, 2011**, meeting of the University Facilities Planning Board to be held in the **Facilities Meeting Quonset at 3:30 pm**

### **ITEM No. 1 – APPROVAL OF NOTES**

Approval of the draft notes from the September 13, 2011.

### **ITEM No. 2 – EXECUTIVE COMMITTEE REPORT**

Report on any current Executive Committee actions.

### **ITEM No. 3 – CONSENT AGENDA -**

**ITEM No. 4 – DISCUSSION** – Academic Building R&R Fund  
Presenter – Walt Banziger

### **HORIZON ITEMS**

- External Building Signage Policy
- Staging Discussion
- Seminar Materials
- Master Planning Issues
- Revisit and Update Policies
- HBO5 Amendment for lab Facility
- Smoking Problems

VCD/da

PC:

President Cruzado

ASMSU President

Bonnie Ashley, Registrar

Jody Barney, College of Agriculture

Pat Chansley, Provost Office

Julie Kipfer, Communications

Victoria Drummond, Facilities PDC

Lisa Duffey, College of Agriculture

Heidi Gagnon, VP Admin & Finance

Diane Heck, Provost Office

Jennifer Joyce, Planning & CIO Office

Linda LaCrone, VP Research Office

Shari McCoy, Presidents Office

Becky McMillan, Auxiliary Services

Robert Putzke, MSU Police

JoDee Palin, Arts & Architecture

Martha Potvin, Provost Office

<b>ITEM # 4</b>		<b>Academic Building R &amp; R Fund Continued Discussion from August 30, 2011</b>				
<b>PRESENTERS:</b>						
Walter Banziger – Director FPDC						
<b>PROJECT PHASE:</b>	<b>PLANNING</b>	<b>X</b>	<b>SCHEMATIC</b>	<b>DESIGN DOCUMENTS</b>	<b>CONSTRUCTION DOCUMENTS</b>	
<b>STAFF COMMENTS:</b>						
<p>Academic R&amp;R Fund (a student academic fee) is revenue pledged towards debt service and then to current projects. The protocol for using the Academic R&amp;R Fund begins with Facilities Planning Design and Construction, either by request or through the various project lists maintained by FPDC. FPDC then categorizes and ranks proposals for presentation to the Board for determination as to whether the use of the fund is appropriate. Upon UFPB’s recommendation to approve use of the fund for a project, the request is then forwarded to the President for approval, with the caveat that any project over \$200,000 must also have ASMSU student input and the use of fees reported to the Board of Regents.</p> <p>FPDC in conjunction with UFPB will make recommendations as to appropriateness of project financing options to ensure best possible use of funds. Option may include the following:</p> <ul style="list-style-type: none"> <li>• Choose one bonded project and not return to the fund for 10 years because the funds are committed;</li> <li>• Choose several large projects to be bonded in a series and not return to the fund for 10 years because the funds are committed;</li> <li>• Use the revenue stream on an annual basis to get ~\$300,000 of work done, or</li> <li>• Bank funds in a year when there aren’t viable projects, and hold off until the next year to have additional funds for a larger project;</li> <li>• Utilize R&amp;R funds in partnering with other MSU, Non state funds or with State LRBP funds.</li> <li>• Annual UFPB discussion item for project suggestions and development of fund use proposals.</li> </ul> <p>The Board may support a recommendation to spend the design portion of the fee in order to avoid delays in project implementation.</p> <p><u>Sampling of the information resources used in assembling project recommendations:</u></p> <ol style="list-style-type: none"> <li>1. FPDC Project Log List</li> <li>2. Long Range Building Program (LRBP) List</li> <li>3. Capital Projects Database</li> <li>4. Facilities Services Major Projects/Deferred Maintenance Lists</li> <li>5. Facilities Condition Inventory (FCI) Reports</li> <li>6. Roof Assessment List</li> <li>7. Energy Conservation Project List</li> </ol>						

8. Long Range Campus Development Plan (LRCDP)
9. Recommendation via Divisional Vice President's and Administration (canvas departments through a similar process used by Space Management Committee for assignment of space).

### 1. FPDC Project Log List

Log No.	Building	Formal Common Name	Requestor	Request Date	Index #	WO #	Est.	OFS	PM	Status	Comments
05-12-12	Campus	Historical Significant Building List	W. Banziger	12/15/2005				Rec	TS	A	Beginning grant investigation. Heritage list to be discussed with UFPB. To be discussed at SHPO.
07-08-07	Campus	Student Sculpture Contest Protocol/Policy	E. Anderson	8/14/2007				PL	CM	A	Waiting for draft from Bob Lashaway.
08-08-08	Campus	College to Huffine Bike/Pedestrian Review	FPDC	8/21/2008				PL	CM	A	Under construction; weather causing delays.
08-12-01	Graduate Art Studio	School of Art-New Metal Building	Richard Helzer	12/5/2008				CONST & DESI	DD	A	No change to date. DD do.
09-03-07	SU B/Library	Service Drive Redesign	J. Butler	3/10/2009				PL	CM	A	On hold.
09-10-08	Campus	Building Closure Options	RVL	10/22/2009				Facilities O&M	JB	A	In progress.
09-10-12	Campus	Bike Parking Master Plan	OFS	10/23/2009				PL	CM	A	Retrofitting those on campus in Fall.
10-02-04	Shroyer Gym	ADA Bathroom Renovation	Duane Morris	2/11/2010				AS	GG	A	Quote given.
10-07-03	Viscom	Building Expansion	RVL	7/27/2010				PL	WB	A	Program development.
10-08-02	Fieldhouse	Service Drive Access Control	M. Stocks	8/3/2010				AS	DR	A	Awaiting client response.
10-08-08	Gaines	Bulletin Board Installation	T. Knudson	8/31/2010				AS	DR	A	Referred to Planning. Waiting on Drews

### 2. LRBP List

## LRBP 2013 - Preliminary Project List

MSU-Bozeman Campus - September 2, 2011

Priority Number	Project	Estimate
1	Reid Hall - Renovation <sup>2</sup>	\$18,000,000 to 20,000,000
2	Campus - Classrooms Renovation (Linfield Rm 125; Reid Rms 105, 452; Wilson Rms 1-119, 1-132, 1-143)	\$3,000,000
3	Tietz Hall - Replace HVAC - Critical Care Engineered Systems	\$1,700,000
4	Creative Arts Complex - Upgrades (Cheever, Haynes, Howard Halls) <sup>5</sup>	\$2,000,000
5	Campus - Code and Deferred Maintenance	\$4,700,000
6	Campus - Utility Infrastructure Upgrades (Water and Sewer)	\$6,800,000
7	Renne Library - Expansion Phase I	\$6,000,000
8	Linfield Hall- Renovation <sup>2</sup>	\$29,500,000
9	Campus - ADA Projects (multiple bldgs-some as separate LRPB projects)	\$2,000,000
10	Campus - Roof Replacements (Renne,MOR,AJMJ,EPS)	\$2,400,000
11	Campus - Energy Utility Infrastructure Master Plan	\$250,000
12	Cobleigh - ADA Upgrades (Restrooms, Entry, Elevator)	\$2,000,000
13	Reid Hall - Elevator and Restrooms1, 4	\$1,500,000
14	Howard Hall- ADA Upgrades (Restrooms, Entry, Corridor Ramp)	\$250,000
15	Montana Hall - Building Renovation <sup>2</sup>	\$21.500.000

### 3. Capital Projects Database

Projects GROUPED by Building						Academic
Time	Description	Scope	Est. Total	...	AreaName	WorkType
AJM JOHNSON HALL						
0-2	Replace Roof	Replacing existing roofing system, including deteriorated underlayments, insulation, and flashing. Materials have reached their designed life expectancy.	\$192,000	MM	ACADEMIC/ADMINISTRATIVE	Building
2-5	Service Drive Improvements		\$50,000	MM	ACADEMIC/ADMINISTRATIVE	Streets
2-5	Lighting Upgrades	Replace the existing lighting fixtures throughout. Equipment is original to the building, antiquated, and no longer capable of providing satisfactory illumination levels.	\$297,000	MM	ACADEMIC/ADMINISTRATIVE	Energy
2-5	Redesign Plaza/Roof		\$10,000	CP	ACADEMIC BUILDING	Sitework
2-5	Replace Old Asphalt Tile			CP	ACADEMIC BUILDING	Building
2-5	Replace Interior Stair Floor Finishes	Traffic bearing flooring materials require periodic reconditions to maintain adequate serviceability.	\$28,000	CP	ACADEMIC BUILDING	Building
5-10	Replace North and West Landscape	Corrective and upgrading measure to prevent deterioration of building elements and eliminate soil erosion around the building foundation.	\$100,000	MM	ACADEMIC/ADMINISTRATIVE	Sitework
5-10	Revise Vestibule/Entry	Corrective maintenance measure to restore the entry to a sound condition.		CP	ACADEMIC BUILDING	Building

#### 4. Facilities Services Major Projects/Deferred Maintenance List

FACILITIES MAJOR PROJECTS - FY12												
Fund Y/N	TYPE	Project # (PPA)	Category	BLDG #	Bldg Name	Project Description	PM	Index#	Consultant/ Contractor	Future Projects Estimate	Original Budget	
N	Major Maint		BLDG	113	AJM JOHNSON HALL	AJM - Exterior Handrail replacement	JLB	FUTURE				
N	Major Maint		BLDG	113	AJM JOHNSON HALL	AJM - North Roof Plaza Construction	JLB	FUTURE		50,000		
N	Major Maint		BLDG	113	AJM JOHNSON HALL	AJM - North Roof Plaza Design	JLB	FUTURE		10,000		
N	Energy			113	AJM JOHNSON HALL	AJM - Lighting Retrofit	Dan	FUTURE 453500	Electricians	500,000		
Y	Indiv	10-0068	BLDG	113	AJM JOHNSON HALL	AJM - Interior Corridor Upgrades Final Design & Construction (Phase I & II)	TP	46P141			140,000	
Y	Maint R&R	10-0156	BLDG	113	AJM JOHNSON HALL	AJM - West Entry Upgrade Design/Est & Construction	AB	464250	Kruse Enterprises		15,000	
Y	Major Maint	05-0040	BLDG	147	ANIMAL BIOSCIENCE	Animal Bioscience - Trade Support - Building Familiarization Sessions & Post Occupancy Issues	DD	4A7110			20,000	
N	Major Maint		Landsc/ Grnds	127	CHEEVER HALL	Cheever - East Service Access Construction	Walt	FUTURE		50,000		
N	Major Maint		Landsc/ Grnds	127	CHEEVER HALL	Cheever - East Service Access Design	Walt	FUTURE		10,000		
N	CBB		BLDG	144	CHEMISTRY/BIO CHEMISTRY BUILDING	Chem/Bio Chem - bird deterrent at ext elevations construction	Dennis	FY12 CBB if avail				

#### 5. Facilities Condition Inventory (FCI) reports

Montana State University - Facilities Condition Inventory										Def. Categories		
Deficiency Details by Component												
<b>Funding Sources</b> <input type="checkbox"/> Auxillary (A) <input type="checkbox"/> Federal (F) <input type="checkbox"/> Non-State (N) <input type="checkbox"/> Private (P) <input checked="" type="checkbox"/> State (S)										<b>Replacement Cost: \$449,375,926</b> <b>Deferred Maintenance/Renewal Cost: \$32,433,151</b> <b>Facilities Deficiency Ratio: 7.2%</b>		<input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7
<b>Building Type/Class: All</b> <b>Site: MSU-Bozeman Main Campus</b> <b>Total Area: 1,837,038 Sq Ft</b>												
Building Name	Initial Entry	Last Updated	Def. Cat.	Def. %	Unit Cost	Renewal Cost	Description					
<b>Funding Sources: State</b> <b>System: Foundations (I)</b>										<b>Total \$624,234</b>		
<b>Component: Footings/Foundation Walls (A)</b>										<b>Total \$446,018</b>		
1106 So. 6th	03-09-2011	03-09-2011	2	40%	\$4.05	\$3,765	Repair settling and cracks.					
AJM Johnson Hall	01-14-2004	01-14-2004	2	1%	\$4.04	\$1,670	Assess and monitor concrete spalling on east & west foundation wall.					
Cheever Hall	05-09-2007	05-09-2007	2	2%	\$3.81	\$4,862	Correct drainage problem at sidewalks around building					
Heating Plant	09-09-2009	09-09-2009	2	5%	\$10.20	\$4,903	Repair South East seal					
Herrick Hall	10-11-2000	10-11-2000	2	10%	\$4.04	\$16,316	Repair cracks in foundation wall.					
Howard Hall	10-09-2002	10-09-2002	2	2%	\$4.51	\$2,625	STRUCTURAL EVALUATION OF FOUNDATION CRACKING.					
Kallogg Center	07-19-2001	07-19-2001	2	40%	\$8.82	\$11,265	SETTLING AND CRACKS.					
Lewis Hall	02-09-2000	02-08-2006	2	10%	\$4.04	\$17,021	Waterproof foundation.					
Linfield Hall	01-09-2008	01-09-2008	2	25%	\$3.81	\$62,449	Repair/reinforce stone foundation walls (north)					
McCall Hall	05-11-2000	05-11-2000	2	2%	\$18.98	\$3,981	PATCH CRACKS IN FOUNDATION WALL.					
Museum of the Rockies	12-11-2002	01-14-2009	2	50%	\$3.73	\$174,172	Repair various foundation leaks.					
Museum of the Rockies	12-14-2005	01-14-2009	2	10%	\$3.73	\$34,834	Install waterproofing at foundation.					
Renne Library	11-09-2005	11-09-2005	2	1%	\$5.60	\$9,132	Repair foundation leak, Rm 88 @ old penetrations.					
Renne Library	11-12-2008	11-12-2008	2	2%	\$5.60	\$18,264	Investigate site drainage away from E/SE side of building					
Roberts Hall	04-14-2004	04-11-2007	2	2%	\$4.04	\$3,991	WATERPROOF EXTERIOR WALLS BELOW GRADE. (seal penetrations through foundation walls)					
Taylor Hall	04-09-2003	05-13-2009	2	15%	\$5.60	\$7,725	Repair foundation re-point sw corner.					
Traphagen Hall	08-11-2004	08-11-2004	2	5%	\$4.20	\$7,773	EXCAVATE, WATERPROOF & DRAIN MISC FOUNDATION.					
Traphagen Hall	09-08-2010	09-08-2010	2	30%	\$4.20	\$46,638	Waterproof foundation walls					
Visual Communications Building	07-14-2004	07-14-2004	2	5%	\$4.04	\$8,382	Repair waterproof at North foundation wall.					

## 6. Roof Assessment List

2012-2013 Biennium Roof List

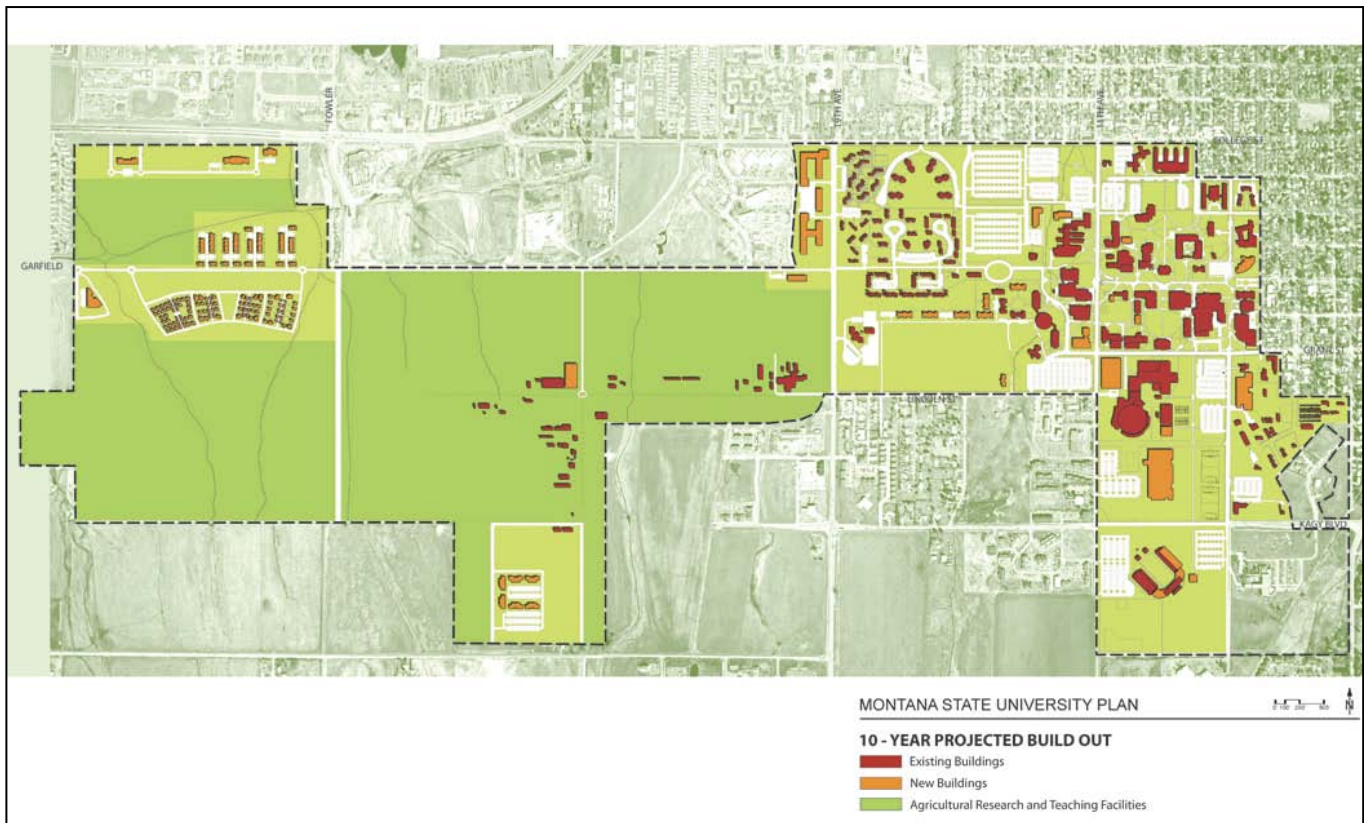
February 15, 2010

1. AJM Johnson Hall - \$192,000  
Rated D and F on the 2008 Roof Inspection Report, on CPP and FCI 100% deficiency of roof covering and insulation.
2. PLEW Building - \$120,000  
Rated D and F on the 2008 Roof Inspection Report, on CPP and FCI 100% deficiency roof covering
3. EPS - \$  
Rated C on the 2008 Roof Inspection Report, on CPP and FCI 100% deficiency of failed roof covering, 50% roof insulation.
4. MOR - \$  
Rated D and F on the 2008 Roof Inspection Report, on CPP and FCI 100% deficiency of roof covering and insulation.
5. Huffman - \$  
Rated C on the 2008 Roof Inspection Report, on CPP and low FCI deficiency
6. Leon Johnson Hall - \$  
Rated C on the 2008 Roof Inspection Report, on CPP and low FCI deficiency

## 7. Energy Conservation Lists

ESMP Project/Program	Description	Project Budget 2010 Value	Energy Savings Potential	Rank	Recurring Costs	Implementation Year:			
						2010	2011	2012	2013
<b>2012/2013 Mechanical/Electrical</b>									
Tietz Hall - Critical Care Engineered Systems Upgrade	Retrofit of air handling, heating, cooling, and humidification. Increase reliability and redundancy of systems critical to protect living assets and research continuity	\$ 1,700,000							
Montana Hall - Mechanical and Electrical Systems Upgrade	The mechanical and electrical systems in MT Hall are in poor condition and require upgrade independent of the full building remodel. This project would establish new mechanical and electrical systems in the building.	\$ 5,000,000							
Leon Johnson Fire Suppression	Fire Sprinkler installation on floors 3,4,5,7,8,9 (penthouse)	\$ 750,000							
Water and Sewer Utility Improvements	Water systems upgrades - Phase 2	\$ 1,500,000							
McCall HVAC Retrofit	Upgrade of laboratory HVAC	\$ 850,000							
Laboratory (Animal Biology and Plant Biology Energy Improvements- Outside Air Control)	Aircuity Systems for Animal Bio, Plant Bio	\$ 400,000							
Marsh Lab HVAC and Control Improvements	Upgrade aging HVAC and Controls for reliability, energy, and research support	\$ 2,000,000							
Wilson Chilled Water/Energy Plant Improvements	Replace steam absorber with chilled water/heat recovery heat pump system	\$ 2,000,000							
Campus-Central Energy Management System	Automate Metering, Initiate Smart Grid system in highest energy use buildings	\$ 1,500,000							
Energy Improvements - Campus Core Buildings	Phase 2 HVAC and Envelop Energy Improvements to Core Campus Buildings	\$ 10,000,000							
Heating plant energy conservation/summer boiler	Cooling loop, reconfigure plant for reduced summer load, energy recapture	\$ 4,000,000							
Central Cogeneration Expansion	Combined cycle cogeneration, central backup electrical, baseloading steam.	\$ 5,000,000							

## 8. Long Range Campus Development Plan (Master Plan)



<b>COMPLIANCE:</b>	<b>YES</b>	<b>NO</b>
<b>MSU POLICIES</b>	<b>X</b>	
<b>COMMITTEE OR APPROPRIATE REVIEW</b>	<b>X</b>	
<b>MASTER PLAN</b>	<b>X</b>	
<b>BOARD ACTION REQUIRED:</b>		
<b>Recommendation to approve the R&amp;R Fund project request and review process.</b>		

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# **DRAFT**

8/30/2011

## **Academic Building R&R Fund**

**Sept, 2011**

### **Background**

- The Student Academic Building R&R Fee produces ~\$320k annually.
- This fee represents pledged revenue, and is treated like other pledged building fees, in that it is committed first to debt service, with any excess available for expenditure on current projects.
- The Academic Building R&R Fee is designated for improvements to academic buildings. “Academic building” means state-funded facilities that house instructional and research uses for which operations and maintenance funding is generally provided by the state (i.e., auxiliaries facilities, sports facilities, non-state funded research facilities, etc., are not considered eligible for use of these funds).

### **Fund Use Parameters**

1. Use of the Academic Building R&R funds should focus on the following types of projects:
  - a. Public spaces and building systems that benefit students and general building users, e.g., restrooms, lobbies, corridors/egress/ADA, building HVAC/lighting, etc;
  - b. Registrar-controlled instructional spaces, e.g., classrooms, classlabs, seminar rooms, etc;
  - c. Building maintenance/repairs, enhancements, replacement & renewal projects; or to augment the budgets of such projects funded primarily by other sources (e.g., departmental funds, major maintenance funds, Long Range Building Program funds, etc);
  - d. May be used to augment department-funded projects for state-supported, departmental assigned classrooms, classlabs or seminar rooms.
  - e. Generally *not* to be used for non-building (instructional/research) equipment/technology which is traditionally funded from other sources (e.g., computer fees, equipment fees, IT fees, research funds, etc.)
2. Potential project funding scenarios:
  - a. Allow funding to accrue in order to execute larger-impact projects periodically; or,
  - b. Finance larger projects using the annual revenue for debt service; or,
  - c. Select/execute projects annually that match the cash flow and allow the fund to grow to accommodate a larger project only occasionally.

### **Administrative/Approval Processes**

1. Facilities Planning Design & Construction (FPDC) is responsible for managing the fund, for collaborating with key constituents to assess needs, to develop project lists and to periodically present project lists to the University Facilities Planning Board for recommendation of priorities to the president.
2. FPDC is also responsible to present projects to be funded with Academic Building R&R Funds (>\$200,000) to ASMSU for student input and to report use of student building fees to the Board of Regents – (also see attached Project Development Process flow chart).

### **Project Prioritization Process**

1. Collection, identification, and suggestion as to prioritization of proposed projects will be coordinated through Facilities Planning Design & Construction. To ensure that the prioritization process be reasonably transparent, consistent, and open to all constituents, FPDC will utilize several existing project development processes to identify projects for inclusion in the Academic Building R&R fund. The project development processes include but are not limited to:

- a. LRBP Project Development Process
  - b. Facilities Condition Inventory Assessment
  - c. Capital Project Database (currently in development)
  - d. Departmental Project Request Process
  - e. Recommendation via Divisional Vice President's and Administration.
2. A prioritized consolidated project proposal list will be presented to UFBP for recommendation on a semiannual basis in order to meet critical planning and development schedules for the summer and winter construction windows. Time sensitive projects may also be presented to the UFBP board on an as needed basis.

#### Project Categorization

1. Projects being considered for funding through the Academic Building R&R fund may be structured in various configurations. FPDC in conjunction with UFBP will make recommendations as to appropriateness of project financing options to ensure best possible use of funds. These options include but are not limited to:
  - a. Bond Structure – Projects exceeding a specified amount of dollars (ie \$1 million) could be bonded over a certain period of time and paid back via the full \$320,000 revenue stream for debt service.
  - b. Accumulation Structure – The Academic Building R&R fund would be allowed to accumulate funds in excess of debt service over a given time frame to accommodate funding for larger scale projects in which the dollar value exceeds \$320,000 and may be performed over x amount of years.
  - c. One Time Funding Structure – Project costing less than \$320,000 may be selected in a given year and funded for construction on a one time basis in a given year if funding in excess of debt service is available.

**MEETING NOTES OF THE  
UNIVERSITY FACILITIES PLANNING BOARD  
September 13, 2011**

**Members Present:** Joe Fedock - Chair, Walt Banziger - Vice Chair and proxy for Brenda York, Jim Becker, Kurt Blunck, Mandy Hansen, Linda LaCrone for Tom McCoy, Patricia Lane, Jim Rimpau, Tom Stump and Joe Thiel – ASMSU

**Members Absent:** Allyson Bristor, Jeff Butler, Michael Everts, Jeff Jacobsen, Terry Leist, Martha Potvin, Jim Thull, Allen Yarnell and Brenda York

**Guests:** Ritchie Boyd, Lisa Duffey, Laura Humberger, Robert Lashaway and Candace Mastel

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

**ITEM No. 1 – Approval of Meeting Notes**

Lane moved to approve the Meeting Notes from August 30, 2011. Blunck seconded the Motion and it was unanimously approved by the Board.

**ITEM No. 2 – Executive Committee Report – No actions to report**

**ITEM No. 3 – Consent Agenda**

**ITEM No. 4 – Informational - Academic Building R&R Fund**

Laura Humberger presented an overview of the Academic Building R&R Fund to better understand the funding source. Building fees are pledged to pay debt service first. What hasn't been clear is the internal division of those fees. The fees are looked at as a lump of money that is sufficient to pay the bond debt first. For what is now projected and what the building fee has been used for, the need has declined. Now there is extra money after what is set aside to pay debt service. Last year's collection (about \$325,000) and this year's collection have built up to over \$600,000 that is not committed for debt service. While money will always enter the pledged revenue stream first, and something hazy happens, such as with the Land Grant Income, some of the building fee money may be needed to pay for what the Land Grant Income would have paid for. If something like this happened there would be enough notice to make a change if needed. Right now there are two years absolutely available.

This piece is generating about \$325,000 per year and would be used for academic needs to the extent that it exceeds debt service. The Fund would take care of things the state is ultimately responsible for, but isn't going to do. This represents an agreement with the students. The University locked into debt from many years ago with the projected payments coming from projected revenues. With 30 years of debt services you have to be careful. If something declines, more of the building fee would be used to pay for the debt, which could mean less than \$325,000 available per year. For the foreseeable next few years, there aren't any plans to use any of the building fee money. This would not typically be used for newly bonded projects and wouldn't be a source of repayment without a very transparent process. The larger projects should be borne by the state and students should not be paying for projects without seeing anything new. So Laura cautioned against a too long term commitment with the funds. It might be better to do projects in a smaller range. Larger projects that could be paid off in three years, or a shorter time horizon, are supported. The pledge of the revenues is subordinate to bond debt and should be treated like a cash fund. The Fund shouldn't be tied up too long because it is unknown what else it may be needed for. It should be used at a pace that would allow it to be spent on the students who are generating the funds. When a list of projects is compiled it should be taken to the students so they can see what projects are being recommended. For the next meeting Walt will do an overview of project process development and bring a list of sources projects can be pulled from.

The Chair would like to continue to discuss the role and expectation of UFPB for consideration of major facilities that impact the future of the campus.

**ITEM No. 5 – Recommendation - Prototypical Building Information Signage**

Candace Mastel presented an overview of the Prototypical Building Information Signage. This is a wayfinding system that includes hierarchal signage for buildings, building information, departmental identification and room numbering. The largest

part of the hierarchal system of signage is the entry signs on campus, and the smallest is the room numbering. The building and informational signs in buildings would be placed in the lobby or entry way of buildings. They would have information about the floors, or the configuration of floor plans for the building, including where major departmental groupings were, room numbers, stairwells, handicap accessible areas, exits and access points to the building and would also help you navigate between buildings that might be connected. There would be two versions. One for historical buildings (bronze with silver) and modern (silver with bronze accessories).

The sign is designed to allow changing the inserts without disengaging the standoffs or the metal fixtures. The large sign is for buildings with multiple floors or multiple informational areas and located in the main entry lobby. The inserts would be administered by Facilities to ensure consistency. Facilities would make sure restrooms, ADA entrances, major classrooms and departmental head offices are noted on the inserts.

There was concern from Staff Senate about branding efforts. It was pointed out that the MSU logo has changed over the years and the stacked MSU is on building signs already. Cost was also questioned. System cost would be about \$1,200 for the bigger sign and \$900-\$1,000 for the smaller ones. The glass makes it more expensive, but it's also more durable. With the flexibility of the system, there is no need to pay someone every time a new floor plan is inserted. This saves time and money, and wear and tear on the signs. The intent is for the signs to become a campus standard to be installed in conjunction with new and major maintenance including building renumbering.

Tom Stump moved to approve the Prototypical Building Informational Signage. Joe Thiel seconded the Motion and it was unanimously approved with no opposes or abstentions.

#### **ITEM No. 6 – Recommendation - Campus Entry Signage PPA# 09-0159**

Joe Bleehash presented an overview of the Campus Entry Signage, which is the second time the board will see the presentation for the campus entry sign to be located at College Street and 11<sup>th</sup> Avenue. The roundabout has a site prepared for the installation of the new campus entry sign. This sign is essentially the same shape and configuration that was presented to the board six months ago. The sign will be located at the southeast corner of the intersection and will sit between two earth and berms. The berms will serve to anchor both sides of the sign in the landscape. The side closest to the intersection is composed of a granite mass, which replicates the granite used at the Centennial Mall gates (S. 11<sup>th</sup> Avenue and North of Roberts Hall).

The original proposal was for a powder-coated steel back and stainless steel front panel. The current proposal is a toned down front panel to emphasize the natural elements (see attached drawing). The sign is approximately 40 feet long. The top of the "University" panel is about 4'8" off the ground and the "Montana State" panel is about 5'10". The bottom of the "University" letters is at about 3 ½' and 3-4" thick. The scale of the design fits well into the corner. The steel horizontal banding in front of the sign replicates the fences of Montana. Lighting would be behind the "University" panel and would illuminate "Montana State." The letters would be a dimensional style letter made out of cast metal or dye cut metal and affixed to the front panel of the sign along with the University Seal. The change is the material on the front panel from metal to stone to connect with other elements on campus.

The final material selection will be made by the architect from Place Architecture once the design has been approved. It is about \$175,000 for total project cost and is within the budget established for the project. Landscape around the entry sign would resemble vegetation planted within the roundabout circle for visual connection to the campus. The design is intended to be iconic and timeless while making a statement of arrival to Montana State University.

Kurt Blunk moved to approve the Campus Entry Signage. Mandy Hanson seconded the Motion and it was unanimously approved with no opposes or abstentions.

This meeting was adjourned at 4:58 p.m.

VCD/da

PC:

President Cruzado  
ASMSU President  
Jody Barney, College of Agriculture  
Pat Chansley, Provost Office  
Victoria Drummond, Facilities PDC  
Heidi Gagnon, VP Admin & Finance

Diane Heck, Provost Office  
Jennifer Joyce, Planning & CIO Office  
Linda LaCrone, VP Research Office  
Shari McCoy, Presidents Office  
Becky McMillan, Auxiliary Services  
Julie Kipfer, Communications

Lisa Duffey, College of Agriculture  
Robert Putzke, MSU Police  
Bonnie Ashley, Registrar  
JoDee Palin, Coll of Arts & Arch