

MSU INVESTMENT PROPOSAL FOR INSTITUTIONAL PRIORITIES

PROPOSAL OVERVIEW

Title	Mandeville Creek Master Plan	Request Date	12/12/2011
Department	Facilities Planning Design & Construction	Email	wbanziger@montana.edu
Requestor	Walter Banziger	Phone	994-6326

STRATEGIC ALIGNMENT

Core Themes and Objectives (check all that apply)

Educate Students

- Our graduates will have achieved mastery in their major disciplines
- Our graduates will become active citizens and leaders
- Our graduates will have a multicultural and global perspective
- Our graduates will understand the ways that knowledge & art are created and applied in a variety of disciplines
- Our graduates are prepared for careers in their field
- We will provide increased access to our educational programs
- Communities and external stake holders benefit from broadly defined education partnerships with MSU

Create Knowledge and Art

- Students, faculty, and staff will create knowledge and art that is communicated widely

Serve Communities

- We help meet a fundamental need of the citizens of Montana by providing degree programs for our students
- We help meet the educational needs of the citizens of Montana by providing a wide range of educational opportunities to a variety of students
- Our students, faculty, staff, and administrators reach out to engage and serve communities
- Our students, faculty, staff, and administrator reach in to build the university community

Integrate Learning, Discovery, and Engagement

- Each graduate will have had experiences that integrate learning, discovery and engagement
- Outreach activities will educate students and address the needs of the communities we serve
- Students, faculty, and staff will create knowledge and art that addresses societal needs
- MSU is a community that will be characterized by synergy within and across disciplines, roles and functions.

Stewardship

- The public trusts the institution to operate openly and use resources wisely
- The faculty and staff are well-qualified and supported
- MSU will support Native American students, programs, and communities
- MSU will be an inclusive community, supporting and encouraging diversity
- Our publicly provided resources are used efficiently and effectively
- Natural resources are used efficiently and sustainably
- MSU nurtures a culture of resource conservation and ecological literacy among students, faculty and staff
- Our physical infrastructure (e.g., building, equipment, open spaces) will be well-maintained and useful

INSITUATIONAL BENEFIT

Campuses Bozeman Billings Havre Great Falls FSTS Extension MAES

Cross Depts Please List: _ All Campus Colleges and Departments. Direct impact on student s and visitors.

TIMEFRAME

Proposed Dates Start: Start within two years End: 24 months from start of project

COST AND REQUIREMENTS

Funding Type	One-Time (\$)	Multi-Year (\$)			Base (\$)	FTE
		Year 1	Year 2	Year 3		
Personnel (w/benefits)	\$0					
Materials & Supplies	\$20,000					
Travel	\$0					
Contracted Services	\$200,000					
Capital	\$0					
Other Operations	\$30,000					
TOTAL	\$250,000					

Please comment, if necessary, regarding cost and requirements.

Project cost based on the following assumptions.

- The estimated probable total project cost to develop a master plan for the Mandeville Creek area estimated to be \$255,000 including all soft costs.
- The consultant design fee is estimated to be approximately \$200,000.
- Materials and supplies consist of printing and photographic services. Estimated probable cost is \$20,000.
- Other operations consist of project contingency of \$20,000 and \$10,000 in project administration costs for a total of \$30,000

PROPOSAL SCOPE

Describe the Proposal

A comprehensive Mandeville Creek Master Plan would promote the campus' commitment to participate in the recent efforts both on and off campus to reconfigure the current alignment and vitality of the Mandeville Creek water resource within city limits.

The proposal enables FPDC to develop a master plan specifically for the Mandeville Creek area which is consistent and in alignment with both the University's Long Range Campus Development Plan and the Campus Landscape Master Plan. The scope of the project would include funding to initiate the hiring of campus planning consultant to work with the Facilities Planning Design and Construction department, University Facilities Planning Board, executive administration, ASMSU, and the campus community.

The Mandeville Creek Master Plan would involve investigation into non-MSU sanctioned, complimentary efforts currently in the planning and design phase, including one at the grade school and high school areas north of Main Street. In addition, there would be a strong public input component of the planning process, involving meetings and charrettes for exploring the improvement options appropriate for creek revitalization.

The culmination of master planning efforts for Mandeville Creek would also include a comprehensive physical and photographic inventory of the creek resource. This would assist in the long term planning and monitoring of the creek resource during future revitalization efforts based on the master plan. The plan would also include both a physical drawn plan and a narrative describing planning efforts and outlining permitting and jurisdictional processes. A component to the Animal Bioscience Building Mandeville Creek revitalization was the production of a "Landscape Management Plan," which outlined the means by which to maintain the unique new landscape associated with the creek revitalization. This type of sub-plan would be a key piece of the Mandeville Creek Master Plan.

PROPOSAL SCOPE

Describe the broader impacts and benefits of this proposal

In recent years, a culture of planning emerged through the recognition that unintended consequences occur when land and facility assets are developed without the guidance of comprehensive plans. The purpose of any, and especially a resource based development plan, is to insure that MSU is acting in the best interest of the university's natural resources.

During the planning and design of the Animal Bioscience Building, it was determined that in order to place the new building appropriately on the site, Mandeville Creek would need to be relocated 50 feet from the building edge in order to comply with Army Corp of Engineering Division state regulations for watercourse setbacks. In addition to complying with the state regulations, the planning and design team saw this as an opportunity to improve the creek health and help reestablish it as a viable fishery.

Approximately 230 feet of the creek was relocated to ensure compliance with the 50-foot setback requirement. The existing channel of the creek included an 84-foot culvert that was removed as was the connection between the two parking lots (Deer Street). A 55-foot steel foot bridge was installed across the creek, in place of the street, for pedestrian access from the remote parking lot on the west side of the creek. The re-established creek is approximately 250 feet long, without any culvert. A 150-foot length of the creek upstream and a fifty-foot section downstream was rehabilitated in place with weed removal and re-vegetation.

Like the Mandeville Creek improvements associated with the Animal Bioscience Building master planning efforts for future improvements of the other sections of the creek on campus should be implemented to bring a balance between development impacts, impermeable surface run-off, pollution control, and health of the creek as a viable fishery.

This effort would also have the positive side effect of creating living laboratories for research and student and faculty involvement with the future revitalization efforts resulting from the plan. The creek will further become a dynamic, integral piece of the research and teaching opportunities in various departments and areas of study at the university.

A Mandeville Creek Master Plan would establish directives for the future revitalization of an important water resource. As MSU's interests move more in the direction of sustainability and progressive stewardship of the built and natural campus environment, a master plan of this type becomes especially relevant. As major stewards of a large expense of land and water resource MSU has the ability to make a positive impact both physically and socially as the frontrunner in making substantial improvements to Mandeville Creek in its current "above ground" location. The simple act of planning for future revitalization efforts will ensure that with new campus development, renovation and maintenance projects there is the opportunity to make significant positive impacts on the health of this natural resource and preserve and enhance water quality for future generations on campus and in the community.

ADDITIONAL INFORMATION

Implementation Plan *(Please describe with timelines)*

Upon approval of the funding of the proposal

- Obtain Board of Regents Authority for spending of funds on the project. (2 months)
- Coordinate consultant selection process (2 months)
- Contract negotiations and project start-up (1 month)
- Site inventory and analysis; jurisdictional/policy investigation resource revitalization (2 months)
- Public forums and departmental information gathering process (2 months)
- Development of draft plan (6 months)
- Review of draft plan with university and community (1 month)
- Develop final draft (3 months)
- Review of final draft (2 months)
- Final approval through UFPB and Presidential approval process (1 month)
- Printing and distribution of document.(2 months)

Total estimated project time frame 24 months.

Assessment Plan *(Please describe with indicators)*


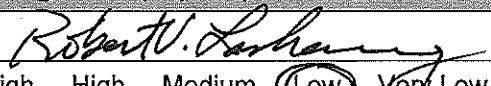
- Mapping and evaluation of current physical conditions
- Determine policy or jurisdictional requirements/implications of revitalization efforts
- Public forums to gather and disseminate information throughout process
- Work with other agencies involved in similar efforts to collaboratively plan
- Review and finalize with UFPB
- Produce plan and distribute

If assessed objectives are not met in the timeframe outlined, what is the plan to sunset this proposal?

If the assessed objectives of the plan are not met within the timeframe the following options are available:

- Postpone project implementation to a later timeframe. The initiation of the project is subject to BOR meeting schedule to obtain spending authority and A&E Division appointment schedules to select consultant per MCA requirements.
- Weather might also slightly affect inventory and analysis phase depending on time of year project is commenced.

Sunset the proposal would include closing out consultant contracts if applicable.

SIGNATURES		
Department Head <i>(please print)</i>	Signature <i>(required)</i>	Date
Walter Banziger		1/6/2012
Dept Head Priority <i>(please circle one)</i> : Very High High Medium <u>Low</u> Very Low		
Dean/Director <i>(please print)</i>	Signature <i>(required)</i>	Date
Robert Lashaway		01.06.2012
Dean/Director Priority <i>(please circle one)</i> : Very High High Medium <u>Low</u> Very Low		
Executive/VP <i>(please print)</i>	Signatures <i>(required)</i>	Date
Terry Leist		
Executive/VP Priority <i>(please circle one)</i> : Very High High Medium Low Very Low		