

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

Facilities Committee

Thursday, June 7, 2007

9:00 – 10:30 a.m.

600 McNamara Alumni Center, West Committee Room

Committee Members

David Metzen, Chair
Anthony Baraga
Maureen Cisneros
Linda Cohen
John Frobenius
Steven Hunter

A G E N D A

1. Schematic Plans - Review/Action - K. O'Brien/K. Martin/M. Perkins (pp. 2-5)
 - A. Malosky Stadium Reconstruction, Duluth Campus
2. Real Estate Transaction - Action - K. O'Brien/R. Pfitzenreuter/S. Weinberg (pp. 6-9)
 - A. Purchase of 1.2 Acres from City of Minneapolis, Huron Boulevard Between University Avenue SE and 4th Street SE, Minneapolis
3. Capital Budget Amendment - Action - K. O'Brien/M. Perkins (pp. 10-15)
 - A. Bio Mass Heating Plant Addition, Morris Campus
4. Issues Related to: Annual Capital Improvement Budget FY2008 – K. O'Brien (pp. 16-17)
5. Consent Report - Review/Action - K. O'Brien (p. 18)
6. Information Items - K. O'Brien (pp. 19-24)



**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 7, 2007

Agenda Item: Schematic Plans

review review/action action discussion

Presenters: Vice President Kathleen O'Brien
Chancellor Kathryn Martin
Associate Vice President Michael Perkins

Purpose:

policy background/context oversight strategic positioning

In accordance with Board of Regents Policy: *Reservation and Delegation of Authority*, review and take action on schematic plans for the following project:

- Malosky Stadium Reconstruction, Duluth Campus

Outline of Key Points/Policy Issues:

The project schematic plans will be presented at the committee meeting. The attached project data sheet addresses the basis for request, project scope, cost estimate, funding, and schedule. A map locating the facility on the campus is also attached.

Malosky Stadium Reconstruction, Duluth Campus

The existing stadium, press box, restrooms and associated building components were built in the 1966 to early 1970's time frame. The stadium and its components are reaching the end of their useful life. This project consists of a new stadium that includes seating of approximately 5,000 seats on the home side, entrance gate and plaza, ticket booths, public restrooms, concession/retail spaces, official's locker room, storage areas, and a press-box with suites. Other improvements include a new scoreboard, sound system, decorative perimeter fencing and field lighting. Project elements will be completed in priority order.

Background Information:

The Fiscal Year 2007 Capital Budget approved by the Board of Regents in June 2006 authorized \$7,500,000 the Malosky Stadium Reconstruction project on the Duluth campus.

President's Recommendation for Action:

The President recommends approval of the schematic plans and of the appropriate administrative officers proceeding with the award of contracts for the development of construction documents and construction for the following project:

- Malosky Stadium Reconstruction, Duluth Campus

Malosky Stadium Reconstruction
University of Minnesota Duluth
Project No: 554-07-1073, Capital Budget No: 2833

1. Basis for Request:

As a part of the Fiscal Year 2007 Capital Budget the University of Minnesota Duluth has been authorized to proceed with the redevelopment of Malosky stadium on the Duluth campus. The existing stands were built in 1966. The existing press box, restrooms and associated building components were completed in 1968. Additional improvements to the building were completed in the early 1970's. The stadium and its components are reaching the end of their useful life and are not worthy of investment. The replacement stadium will meet the programmatic requirements and current codes.

2. Scope of Project:

The project consists of a new stadium to include seating of approximately 5000 seats on the home side; entrance gate and plaza; ticket booths; public restrooms; concessions/retail space; official's locker room; storage areas; and a press-box with suites. Other significant components to be included are a new scoreboard, sound system, decorative perimeter fencing and field lighting. Depending on budget and fundraising, components of the project will be built in the following priority:

- 1) Home side stands and associated spaces
- 2) Entrance gate, ticket booths and decorative fence around stadium perimeter
- 3) Field lighting
- 4) Scoreboard

3. Environmental Issues:

Phase 1 environmental site assessment has been completed by environmental, health and safety. This report did not identify any site concerns. There has been, however, three MPCA reported incidents in the immediate area. In addition, the adjacent parking lot M removal and replacement revealed unsuitable fill material in a few areas.

Soil borings have been completed on the proposed site and the results were consistent with native soils for the area. Excavation for the project will be closely monitored and environmental concerns, if any, will be addressed as a part of the project as they arise.

4. Cost Estimate:

*Construction Cost (see below)	\$ 6,500,000
Non Construction Cost	<u>\$ 1,000,000</u>
Total Project Cost	\$ 7,500,000

* Construction cost represents Design/Builder's Guaranteed Maximum Price (GMP) which includes design for the project.

5. Capital Funding:

UMN Central	\$4,100,000
UMD Administration	1,900,000
UMD Athletics Fundraising	1,300,000
UMD Facilities Management	<u>200,000</u>

Total Approved \$ 7,500,000

6. Capital Budget Approvals:

This project was approved for \$7,500,000 as part of the FY 2007 Capital Budget approved by the Board of Regents in June 2006.

7. Annual Operating and Maintenance Cost and Source of Revenue:

Operating and maintenance costs will increase minimally over the current operating costs for the existing stadium. Energy efficient lighting and selective use of solar resources (if budget allows) should have a positive impact on utility costs. Operating costs for this building will be paid for by current operating budgets on campus.

8. Time Schedule:

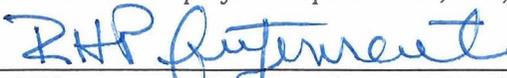
Complete design	June 2007
Establish Guaranteed Maximum Price	June 2007
Begin decorative fence	June/July 2007
Complete Decorative Fence	August 2007
Structure construction start	April 2008
Complete construction	August 2008

9. Design / Builder:

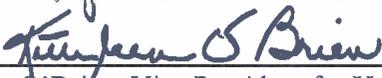
Kraus Anderson Construction
Duluth, Minnesota

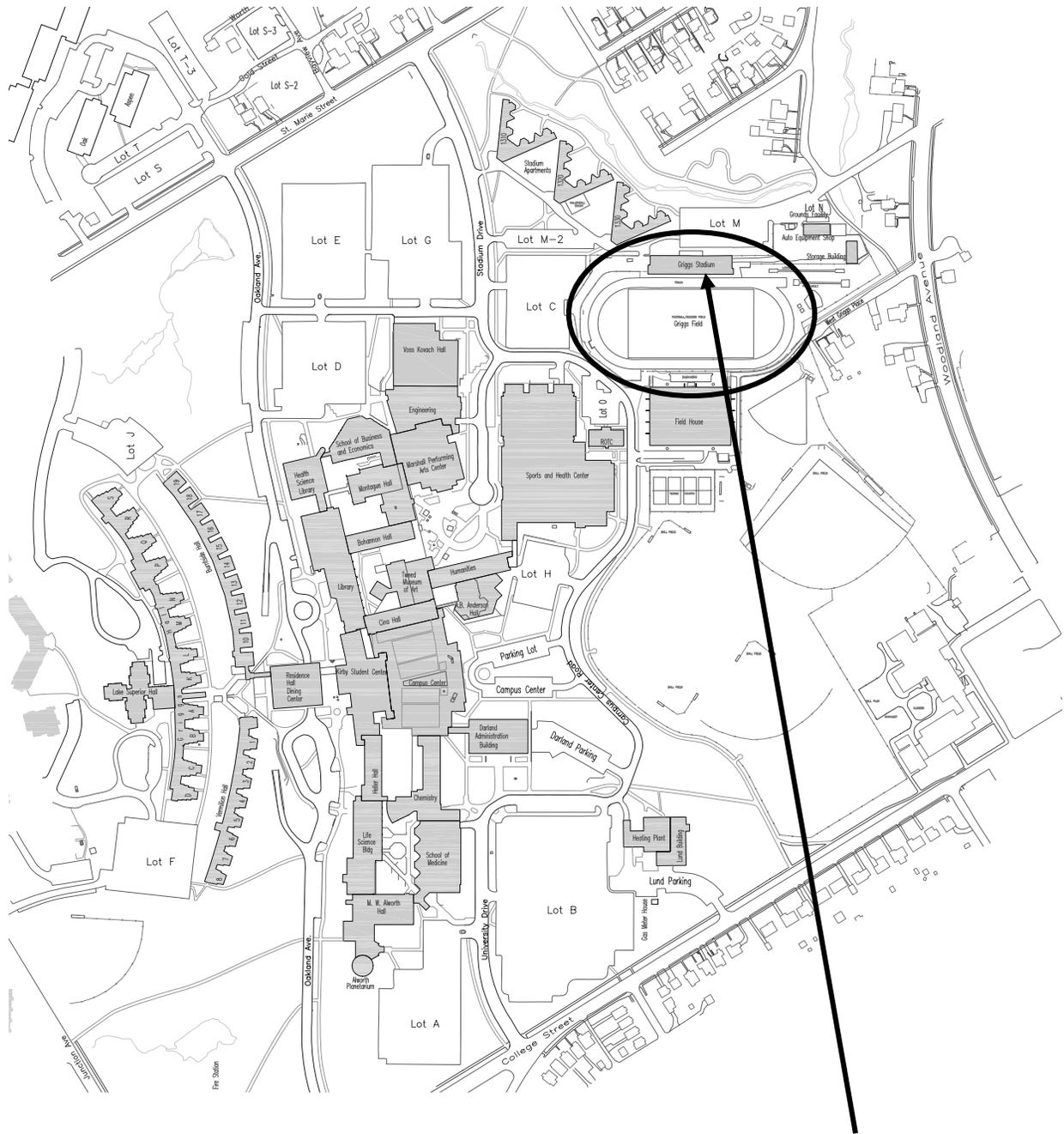
10. Recommendation:

The above described project scope of work, cost, funding, and schedule is appropriate:

 5/23/07
 Richard Pfutzenreuter, Vice President and Chief Financial Officer


 Gregory Fox, Vice Chancellor for Finance and Operations, Duluth

 5/23/07
 Kathleen O'Brien, Vice President for University Services



Malosky Stadium Reconstruction

University of Minnesota Duluth



**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 7, 2007

Agenda Item: Real Estate Transaction

review review/action action discussion

Presenters: Vice President Kathleen O'Brien
Vice President/CFO Richard Pfitzenreuter
Susan Carlson Weinberg, Director of Real Estate

Purpose:

policy background/context oversight strategic positioning

In accordance with Board of Regents Policy: *Reservation and Delegation of Authority*, review the following real estate transaction:

- A. Purchase of 1.2 Acres, Huron Boulevard Between University Avenue SE and 4th Street SE, Minneapolis (Twin Cities-Minneapolis Campus)

Outline of Key Points/Policy Issues:

The details of this transaction and its financial impact are described in the transaction information pages immediately following this page.

Background Information:

Board of Regents Policy: *Reservation and Delegation of Authority* states that "The Board of Regents reserves to itself authority to approve the purchase or sale of real property having a value greater than \$250,000 or larger than ten (10) acres" and all "leases of real property, easements and other interests in real property if the initial term amount to be paid by or to the University exceeds \$250,000, consistent with Board policies."

The Facilities Committee reviewed the subject transaction on May 10, 2007.

President's Recommendation for Action:

The President recommends approval of the following real estate transaction:

- A. Purchase of 1.2 Acres, Huron Boulevard Between University Avenue SE and 4th Street SE, Minneapolis (Twin Cities-Minneapolis Campus)

**PURCHASE OF 1.2 ACRES DESCRIBED AS
HURON BOULEVARD BETWEEN
UNIVERSITY AVENUE SE AND 4TH STREET SE, MINNEAPOLIS
(TWIN CITIES-MINNEAPOLIS CAMPUS)**

1. Recommended Action

The President recommends that the appropriate administrative officers receive authorization to execute the appropriate documents providing for the purchase of 1.2 acres described as the right-of-way of Huron Boulevard between University Avenue SE and 4th Street SE, Minneapolis.

2. Location and Description of the Property

The subject property consists of the 100 feet width of Huron Boulevard right-of-way located between the northerly right-of-way line of University Avenue SE and the southerly right-of-way line of 4th Street SE, Minneapolis, a total of 1.2 acres.

3. Basis for the Request

The University has requested that the City of Minneapolis vacate certain streets, including the subject section of Huron Boulevard, in the area of the East Gateway District, which includes the project site for the TCF Bank football stadium. The City of Minneapolis has advised that it is willing to vacate the subject section of Huron Boulevard if the University pays the City fair market value for this property. The City of Minneapolis had purchased fee title to the 1.2 acres from the Soo Line Railroad when it acquired the necessary right-of-way for construction of Huron Boulevard.

4. Details of the Transaction

The University will pay the City of Minneapolis \$838,224 (\$16.04 per square foot) in cash at closing. Additionally, the University will release the City of Minneapolis from its June, 2006 commitment to provide future benefits to the University in the form of reduced purchase prices for city-owned property the University acquired in the future, in the amount of \$358,026.

City Council action on the University's street vacation request is expected in mid-June, 2007. The closing on the University's purchase of the subject 1.2 acres will occur shortly thereafter.

5. Use of the Property

This acquisition is required for the development of the East Gateway District, including infrastructure and construction of the TCF Bank football stadium.

6. Environmental Condition

A Phase I Environmental Site Assessment has been completed, and a Phase II assessment will be completed prior to the June Board of Regents meetings.

Source of Funds

The purchase of the property will be funded by University debt.

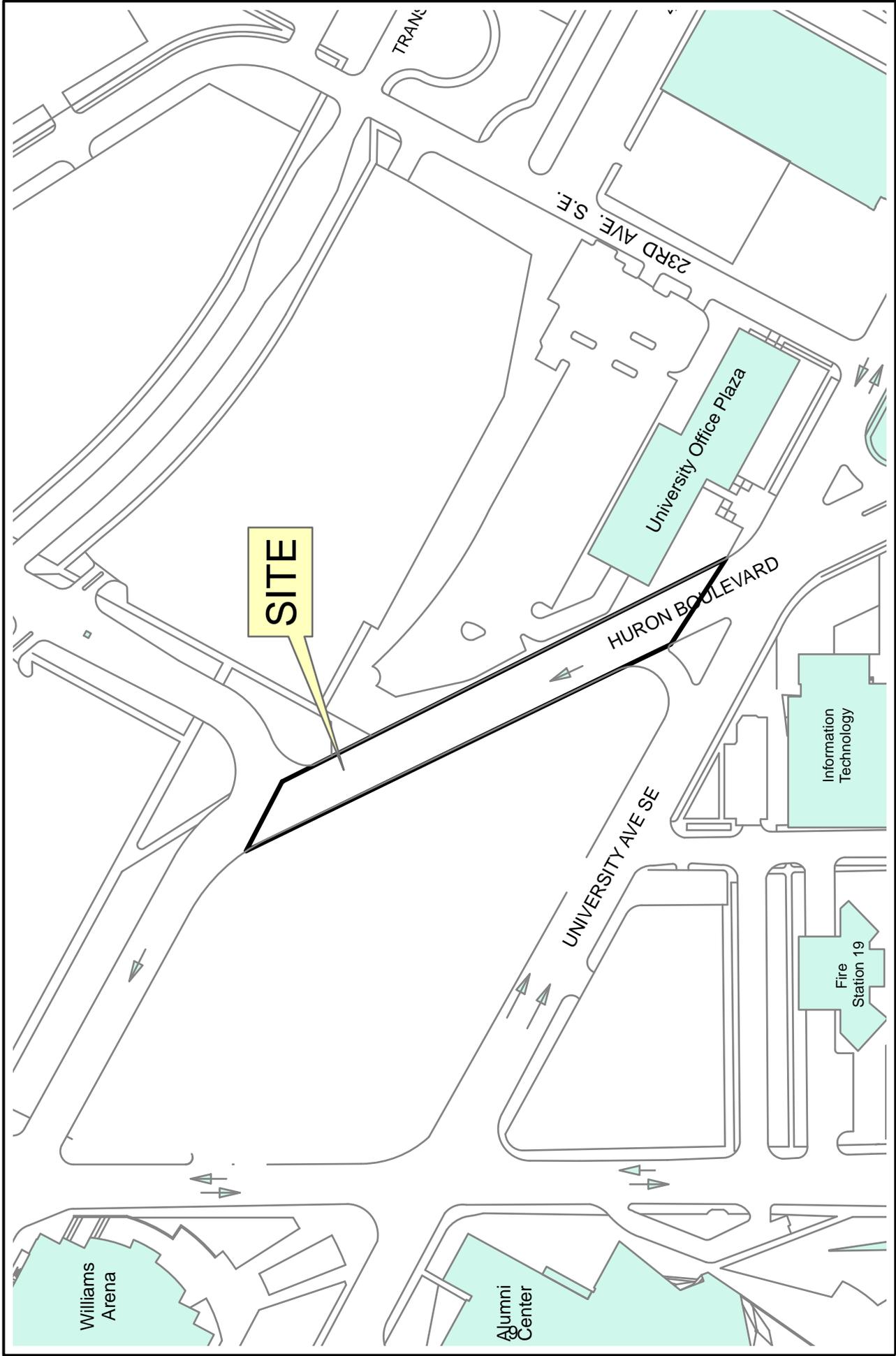
Recommendations

The above described real estate transaction is appropriate:

RHPfutzenreuter 5/23/07
Richard H. Pfitzenreuter, III, Vice President for Finance and CFO

E. Thomas Sullivan 5-23-07
E. Thomas Sullivan, Senior Vice President for Academic Affairs and Provost

Kathleen O'Brien 5/23/07
Kathleen O'Brien, Vice President for University Services



University of Minnesota
Board of Regents

Purchase of 1.2 Acres from City of Minneapolis,
Huron Boulevard Between University Avenue SE
and 4th Street SE (Twin Cities Campus)



Real Estate Office



**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 7, 2007

Agenda Item: Capital Budget Amendment

review review/action action discussion

Presenters: Vice President Kathleen O'Brien
Chancellor Jacqueline Johnson
Associate Vice President Michael Perkins

Purpose:

policy background/context oversight strategic positioning

In accordance with Board of Regents Policy: *Reservation and Delegation of Authority*, review the following Capital Budget Amendment.

- Amend the Fiscal Year 2007 Capital Budget by \$2,956,000 to provide additional funding for the Biomass Heating Plant Addition located on the Morris Campus

Outline of Key Points/Policy Issues:

With this project the nationally recognized Morris campus is building on its strong community and regional relationships and the significance of the robust renewable resources located in western Minnesota. Morris has worked to identify technology that has the ability to provide renewable energy for up to 80% of the campus heating needs using local agriculture crops and plant materials that are grown in the region. It is estimated that the operation of the biomass plant will direct up to \$500,000 annually into the local agricultural economy that would have been used for fossil fuel purchases in the past. The facility will provide research and instructional platforms.

Background Information:

The Fiscal Year 2006 Capital Budget approved by the Board of Regents in June 2005 authorized \$6,000,000 for the Biomass Heating Plant Addition on the Morris campus. A \$2,956,000 Capital Budget Amendment for this project is requested at this time. Based upon a request for a price proposal for the project scope of work; the previously approved budget is not adequate. If the project is to proceed at the scale that meets the need of the campus, additional funding is needed.

When the budget for this project was originally established, the biomass industry was in its infancy and the project cost estimate was based upon solid fuel combustion rather than gasification. The design of this project incorporates gasification and emission technology that was not originally envisioned for this project.

This capital budget amendment was reviewed by the Facilities Committee on March 8, 2007 and the schematic plans for the project were approved by the Board of Regents on March 9, 2007.

President's Recommendation for Action:

The President recommends approval of amending the Fiscal Year 2007 Capital Budget by \$2,956,000 to provide additional funds for the Biomass Heating Plant Addition located on the Morris campus.

**Biomass Heating Plant Addition
Morris Campus
Project No. 754-03-1654, Capital Budget No. 2724**

1. Basis For Request:

The University of Minnesota Morris, nationally recognized as one of the best public liberal arts colleges, is building on the strong community and regional relationships and the significance of the robust renewable resources located in western Minnesota.

The campus has 1,750 fulltime students and one million square feet of buildings. It spends annually over \$600,000 on electricity and \$700,000 on natural gas. In 2005 in partnership with the West Central Research and Outreach Center (WCROC) and the Initiative for Renewable Energy and Environment (IREE) the Morris campus became the first campus in the state to use electricity from a wind turbine to power over 50% of the campus buildings. The campus has been nationally recognized by the EPA as a green power leader.

The University received funding for this project in the 2005 Bonding Appropriation and has worked to identify technology that will provide renewable energy for up to 80% of the campus heating needs using local agricultural crops and plant materials that are grown in the region. This includes wood waste, corn stover, distillers grains, wheat straw, and native grasses. These fuel stocks are all carbon neutral. It is estimated that the operation of the biomass plant will redirect up to \$500,000 annually into the local economy that would have been used for fossil fuel purchases in the past.

In 2006 WCROC and UMM applied for and received one of twelve national USDA/DOE biomass demonstration grants for \$1,890,000 to conduct research in biomass collection of fuel stocks, economic impact and sustainable agricultural practices associated with the gasification of plant materials. Included in this grant is \$631,000 for the purchase of biomass plant equipment. This grant pairs UMM, WCROC, the Federal Soils Lab and private industry to determine best practices for biomass energy production.

The plant when operating will:

- Provide 80% of the heating needs of the campus
- Use approx 9,000 tons annually of biomass
- Offset over 8,000 tons of CO₂ annually
- Provide research and instructional platforms for undergraduate and graduate students and faculty
- Provide case studies for UMM academic disciplines
- Provide data for rural economic development
- Provide research and outreach activities for WCROC
- Provide alternatives to volatile fossil fuel markets.
- Support research activities of IREE
- Demonstrate cleaner emissions than fossil fuels.
- Provide data for establishing policies on sustainable agriculture.
- Advance the goals of sustainability in the Morris campus Strategic Plan.

2. Scope of Project:

The location of the biomass gasification facility is connected to the south side of the existing heating plant. The building is planned to produce 15,000 lbs of steam per hour with a biomass gasification unit, new heat recovery boiler, biomass handling equipment, and appropriate emissions control equipment.

The new facility will be a steel framed building using a combination of wood, metal screen, and metal panels to house the equipment. The existing building consists of 13,275 gross square feet and the plans call for a 7,000 gross square foot two story addition. The new addition will be protected with a fire sprinkler system.

The project will incorporate technology (gasification) that only recently has been developed to accommodate a facility that requires moving up to 50 tons of high mineral content fuel per day. In addition the gasifier will thermally convert biomass fuels into an alternative form of natural gas, while controlling the process to insure that all outputs are cleaner and more sustainable than traditional fossil fuels.

The facility is planned to allow expansion to add one additional gasification unit and to add an absorption chiller to accommodate the campus future chilled water needs.

3. Construction Environmental Issues:

Surveys to identify asbestos and lead containing materials in the existing heating plant that will be impacted as a part of this project were conducted and none were identified. Geotechnical investigation has not revealed any environmental concerns. If any hazardous materials that are related to the connection of the new systems to the existing are discovered, they will be abated as a part of the project.

4. Cost Estimate:

Construction Cost	\$7,000,000
<u>Non Construction Cost</u>	<u>1,956,000</u>
Total Project Cost	\$8,956,000

5. Capital Funding:

	<u>Approved</u>	<u>Increase</u>	<u>Total</u>
Legislative Appropriation 2005 Initiative for Renewable Energy & the Environment Grant	\$4,000,000		\$4,000,000
University Debt	1,000,000		1,000,000
University of Minnesota Morris		\$600,000	600,000
Corn Growers Association		20,000	20,000
Agricultural Utilization Research Institute grant		5,000	5,000
USDA/DOE Grant (Equipment)		631,000	631,000
Institutional Resources		<u>1,700,000</u>	<u>1,700,000</u>
Total	\$6,000,000	\$2,956,000	\$8,956,000

6. Capital Budget Approvals:

The Fiscal Year 2006 Capital Budget approved by the Board of Regents in June 2005 included \$6,000,000 for the project. Since approval of the Fiscal Year 2006 Capital Budget, the Morris campus requested and received a United States Department of Agriculture / Department of Energy operating grant of \$1,896,493, which includes \$631,000 for equipment. Based upon a request for a price proposal for the design scope of work, the previously approved budget is not adequate. If the project is to proceed at a scale that meets the needs of the campus, additional funding is needed. When the budget for this project was originally established the biomass fuel industry was in its infancy and the estimate was based upon solid fuel combustion rather than gasification. During the design of this project, the biomass fuel industry and the technology related to the industry has developed and grown. The design of this project incorporates technology that was not originally envisioned for the project.

7. Annual Operating, Maintenance Cost and Source of Revenue:

The heating plant is currently staffed 24 hours per day, 7 days per week to operate the traditional fossil fuel boilers. No additional staffing is expected.

8. Time Schedule:

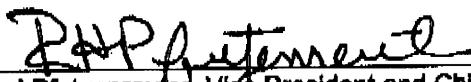
Complete Construction Documents	April 2007
Begin construction	June 2007
Complete construction	Summer 2008

9. Architect/Engineer/Contractor:

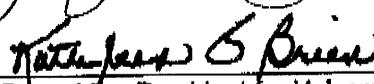
Architect:	Hammel Green and Abrahamson & Associates, Minneapolis
Contractor:	Knutson Construction, Minneapolis

10. Recommendation:

The above described project scope of work, cost, funding, and schedule is appropriate:

 2/23/07
 Richard Pfitzenreuter, Vice President and Chief Financial Officer

 2/23/07
 Jacqueline Johnson, Chancellor, Morris Campus

 2/23/07
 Kathleen O'Brien, Vice President for University Services



Biomass
Facility

Morris Campus



**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 7, 2007

Agenda Item: Issues Related to: Annual Capital Improvement Budget FY2008

review review/action action discussion

Presenters: Vice President Kathleen O'Brien

Purpose:

policy background/context oversight strategic positioning

The University adopts an annual capital improvement budget which authorizes projects to begin design and construction during the upcoming fiscal year. The purpose of the committee discussion is to provide additional detail regarding projects included in the annual capital budget.

Outline of Key Points/Policy Issues:

The 2008 Annual Capital Improvement Budget authorizes projects to begin design or construction during the next fiscal year.

The Annual Capital Budget has been adjusted to reflect the outcome of the most recent legislative session. The Annual Capital Budget is reflective of the planning priorities established by the Six Year Capital Improvements Plan approved by the Board of Regents annually.

The Annual Capital Budget is reflective of the planning principles established by the six-Year Capital Improvement Plan approved by the Board of Regents annually. These principles ensure long term academic excellence by:

- Aligning capital projects with the established strategic positioning goals of:
 - Recruiting and educating outstanding students
 - Recruiting and supporting innovative, energetic world-class faculty and staff
 - Enhancing and effectively using resources and infrastructure
 - Inspiring innovation, exploration, and discovery
- Capitalizing on unique opportunities that are aligned with academic and service unit priorities
- Ensuring that investments in existing facilities and infrastructure contribute to renewal, preservation, and restoration objectives and are aligned with the priorities of the capital plan

- Giving preference to projects that create flexible space, improve space utilization, and reduce operational cost
- Advancing the guiding principles of the master plan and sustainability policies
- Protecting the University's financial position by keeping capital expenditures within the projected debt capacity limits

The University requires that all capital projects spending more than \$500,000 on either design or construction be included in the Annual Capital Improvements Budget. In order to be included in the annual capital budget, the project must be approved by the respective Vice President or Chancellor, have completed an appropriate level of planning (typically a pre-design), have all the required funding identified, and be ready to proceed if approved by the Board of Regents. These requirements lead to better projects, but also exclude from the capital budget some important projects still in development. As these projects meet the Board's criteria, they will be presented as Capital Budget Amendments. Several of these projects are outlined on a list attached to the Annual Capital Improvements Budget.

Detailed project information sheets are included with the information for the full Board of Regents.

Background Information:

This item was reviewed by the full Board and the Finance & Operations Committee last month.

President's Recommendation for Action:

The President recommends approval of the 2008 University Capital Improvement Budget and reaffirmation of its prior year capital expenditure authorization.



**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 7, 2007

Agenda Item: Consent Report

review review/action action discussion

Presenters: Vice President Kathleen O'Brien

Purpose:

policy background/context oversight strategic positioning

Outline of Key Points/Policy Issues:

There are no consent items this month.

Background Information:



**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 7, 2007

Agenda Item: Information Items

review review/action action discussion

Presenters: Vice President Kathleen O'Brien

Purpose:

policy background/context oversight strategic positioning

To update the Board of Regents on the following Items:

1. Overview of the NOvA Experiment Laboratory project
2. University of Minnesota Rochester Campus Master Plan Process

Action on both these items is anticipated at the July 2007 meeting of the Board of Regents

Outline of Key Points/Policy Issues:

Overview of the NOvA Experiment Laboratory Project

NOvA will take advantage of the existing neutrino beam from Fermi National Accelerator Laboratory (Fermilab), located about 30 miles west of downtown Chicago. This beam points from Fermilab to the University's Soudan Underground Laboratory, located Soudan Underground Mine State Park, St Louis County, Minnesota. The NOvA laboratory will be located about 2 miles southwest of the unincorporated settlement of Ash River and will be accessed by a 3.5 mile road following an existing logging road right-of-way off the Ash River Trail (St. Louis County 129). Refer to the attached document titled "Overview of the NOvA Experiment".

In Fiscal Year 2008 it is anticipated that the Board of Regents will be requested to review and act on the environmental review process, a capital budget amendment, schematic plans, and the purchase of real estate for this project.

University of Minnesota Rochester Campus Master Plan Process

The Rochester Higher Education Development Committee was established by the 2005 session of the Minnesota Legislature to study and recommend the form of higher education that would best capitalize on the unique opportunities presented in southeast Minnesota. It was the Committee's vision to:

"Establish a world-class higher education institution that leverages the University of Minnesota's research capability, in partnership with IBM, Mayo Clinic, and other industry leaders, to build signature academic and research programs that complement southeast Minnesota's existing leadership roles in health sciences, biosciences, engineering and technology. Educational programs will provide application to economic activities via innovation, translational research, and clinical experience. This institution will have a distinct Identity and one governing entity. This institution will be the University of Minnesota Rochester."

In Fiscal Year 2008 it is anticipated that the Board of Regents will be requested to review and act on the hiring of a planning consultant for Rochester campus master planning. A completed Rochester campus master plan is expected to be brought to the Board for review and action in fall 2008.

Background Information:

Information items are intended to provide the Board of Regents with information needed for them to perform their oversight responsibilities.

Overview of the NOvA Experiment

NOvA is an experiment designed to achieve better understanding of the fundamental forces or interactions in the Universe by measuring the coupling between two particular types of neutrinos. Neutrinos are extremely light, electrically neutral particles that comprise three of the elementary building blocks of matter. NOvA will take advantage of the existing neutrino beam from Fermi National Accelerator Laboratory (Fermilab), located about 30 miles west of downtown Chicago. This beam, the most capable of only three existing neutrino beams in the world, points from Fermilab to the University of Minnesota's Soudan Underground Laboratory, located in Soudan Underground Mine State Park, Breitung Township, St. Louis County, Minnesota. Although pointed at Soudan, the beam continues straight beyond Soudan, eventually leaving the United States at Rainy Lake. The overall cost of the NOvA Experiment, including neutrino beam improvements at Fermilab, will be \$250-\$300 million, mostly from the Office of Science of the U.S. Department of Energy.

The actual NOvA Far Detector Laboratory will be located about 2 miles SW of the unincorporated settlement of Ash River. The laboratory will be accessed by a 3.5 mile long road following an existing logging road right-of-way off the Ash River Trail (St. Louis County 129). The NOvA Far Detector will consist of about 15,000 tons of mineral-oil based liquid scintillator, housed in about 3,000 tons of extruded PVC channels. The liquid scintillator is manufactured by mixing organic compounds known as fluors with the mineral oil base. The fluors emit detectable light when ionizing particles pass through the scintillator. The scintillator does not contain any ingredients that are considered toxic by the Minnesota Pollution Control Agency. In addition to the containment of the liquid scintillator provided by the PVC extrusions, the entire detector will be housed in a sub-surface, concrete-lined secondary containment, sufficiently large to hold the entire quantity of on-site liquid scintillator.

The NOvA Detector Laboratory will be about 500 feet long, 75 feet wide and 75 feet high with most of its height sunk into the ground. The majority of the building will house the detector; some additional space will be used for detector assembly, truck unloading and detector control facilities. The detector building will be oriented with its long axis pointing towards Chicago. Construction of the building and the entire detector will take 4 to 5 years and require about 1,500 semi-trailer loads of materials, spaced over the entire time interval. Detector assembly will require a staff of about 30 people. Detector operation will likely require a staff of about 6-8 people for a period of at least 10 years.

The University expects to operate an outreach and education program at Soudan, similar to the one that has existed at the Soudan Laboratory for more than 20 years. Because of its location, NOvA has a special opportunity for cooperative programming with Voyageurs' National Park. Additional information about NOvA is available at the website <http://www-nova.fnal.gov/>

Marvin L. Marshak
612-624-1312
marshak@umn.edu
May 24, 2007

University of Minnesota Rochester Campus Master Planning Process

Campus Master Plans

In 1993, the Board of Regents directed, by resolution, the preparation of a campus master plan for each campus of the University of Minnesota and adopted the following campus master planning principles to guide the development of campus master plans:

- The principle of creating and maintaining a distinctive and aspiring vision for the physical development of each campus;
- The principle of enriching the experience of all who come to the campus;
- The principle of maximizing the value of existing physical assets while responding to emerging/changing physical needs;
- The principle of an inclusive, accountable, and timely process for creating and implementing the master plan vision.

As the University of Minnesota moves forward with the opening of the University of Minnesota Rochester interim campus, it is appropriate to launch a campus master planning process for the UMR campus.

Background

The Rochester Higher Education Development Committee (Committee) was established by the 2005 session of the Minnesota Legislature to study and recommend the form of higher education that would best capitalize on the unique opportunities presented in southeast Minnesota. The Committee's recommendation was to:

“Establish a world-class higher education institution that leverages the University of Minnesota's research capability, in partnership with IBM, Mayo Clinic, and other industry leaders, to build signature academic and research programs that complement southeast Minnesota's existing leadership roles in health sciences, biosciences, engineering and technology. Educational programs will provide application to economic activities via innovation, translation research, and clinical experiences. This institution will have a distinct identity and one governing entity. This institution will be the University of Minnesota Rochester.”

Last spring, the Board of Regents endorsed the recommendation of the Committee and last fall, President Bruininks announced the establishment of the University of Minnesota Rochester campus. Academic program and facility planning has progressed aggressively over the past year. In April, 2007, the Board of Regents approved a lease for over 56,000 square feet of useable space in the Galleria Building at 111 South Broadway in downtown Rochester. The facilities improvements are under construction and the University of Minnesota Rochester is scheduled to move in on August 15, 2007. The lease has a term of six years with three, three year extensions for a potential full term of fifteen years.

With the interim facility plan and development underway, University of Minnesota administration has initiated long term planning for the University of Minnesota Rochester with the launching of a campus master planning process for the University of Minnesota Rochester.

University of Minnesota Rochester Campus Master Planning

The objective of the UMR campus master planning process is to develop a UMR campus master plan for consideration and action by the Board of Regents. A campus master plan establishes the framework to guide the long term evolution of a campus to support the academic enterprise. The campus master plan will provide the information necessary for the physical development of the UMR campus into the future. It will include master plan principles, guiding themes, supportive criteria and illustrative options. The UMR campus master plan will provide the basis for the University of Minnesota to determine the location and development stages of the UMR campus.

The UMR campus master planning process is directed by Capital Planning and Project Management (CPPM) office of planning director, Orlyn Miller. The planning process envisions an open, inclusive and collaborative process that includes comprehensive consultation and communication components. The UMR campus master planning steering committee, chaired by Kathleen O'Brien, Vice President for University Services and Dr. David Carl, Provost, University of Minnesota Rochester, serves as an advisory policy group to define the work plan, provide strategic direction and develop recommendations to the President and Sr. Vice President for Academic systems Administration. (See the list of members following this summary.) The UMR campus master plan work team serves as a staff group who provides technical expertise, directs the work of consultants, completes work plan assignments and develop draft options and recommendations for consideration. (See the list of members following this summary.)

A request for proposals (RFP) has been issued to retain consultants with experience and expertise in University campus planning and urban design to conduct research, analyze and create campus growth scenarios. There are indications of interest from several highly qualified planning consultants with regional and national stature. A comprehensive, thorough and fair process based on professional experience and expertise will guide the selection of the consultants. The contract to retain the planning consultants will be on the Board of Regents agenda for consideration and approval at the July, 2007 meeting.

The UMR campus master plan process was launched this spring. The anticipated schedule to complete the UMR campus master plan is late summer, 2008. Board of Regents consideration and action on the UMR campus master plan is intended for December, 2008.

Kathleen O'Brien
Vice President University Services
5/24/07

UMR Master Plan Steering Committee:

Policy group that defines the workplan, provides strategic direction and recommendations to Sr. Vice President for System Administration and the President.

Executive Co-chairs: Dr. David Carl, Provost, UMR
Kathleen O'Brien, Vice President, University Services

Members: Mayor Ardell Brede, City of Rochester Representative
Dave Perkins, Olmsted County Representative
A.M. Keith, Rochester Downtown Alliance Rep.
John "Jack" Jibben, Mayo Clinic Representative
Dr. John Huston, Mayo Clinic Representative
Greg Lea, GRAUC Representative
Mark Utz, Rochester Area Economic Dev. Inc. Rep.
Dan Penz, Rochester Chamber of Commerce Rep.
Robert Kvavik, AVP, System Academic Administration, U of M
Academic Representative
Billie Wahlstrom, Vice Provost for Distance Education &
Instructional Technology, U of M Academic Rep.
Dr. Charles Christiansen, Academic Health Center, U of M
Academic Representative

UMR Master Plan Work Team:

Staff group that provides technical expertise, directs consultant work, completes tasks and drafts options and recommendations for consideration.

Team Members: Orlyn Miller, Director, Plannin g& Architecture
Michael Denny, Director of Dev. Services, CPPM
Gail Sauter, Associate to the Provost, UMR
Harvey Turner, Assoc to, CPPM-University Planning
Lorelee Wederstrom, Director, AHC Facilities
Michael Rollefson, Assoc to, Office of the VP for Research
Bernard Gulachek, Director of Planning, Office of
Information Technology
Lincoln Kallsen, Office of Budget and Finance
John King, Director of Facilities, Duluth, Facilities
Management & Utilities Staff
Sue Weinberg, UM Real Estate
Phil Wheeler & Doug Knott, City of Rochester Staff
Richard Devlin & Phil Wheeler, Olmsted County Staff
Donald DeCramer & Scott Ramsey, Mayo Clinic Staff
Gary Smith, Rochester Downtown Alliance &
Rochester Area Economic Development Incorporated Staff
John Wade, Rochester Chamber of Commerce Staff
Consultants as needed and UM staff expertise as needed