UNIVERSITY OF MINNESOTA
BOARD OF REGENTS
Facilities Committee
Thursday, June 7, 2012
9:45 - 11:15 a.m.
600 McNamara Alumni Center, West Committee Room

Committee Members
Dean Johnson, Chair
Clyde Allen, Vice Chair
Laura Brod
John Frobenius
Venora Hung
David Larson

Student Representatives

AGENDA

1. Schematic Plans - Review/Action - K. O'Brien/J. Johnson/S. Smith (pp. 2-8)
   A. Green Prairie Living and Learning Center - Morris Campus
2. Capital Project Delivery - Methods and Experiences - K. O'Brien/S. Smith (p. 9)
4. Information Items - K. O'Brien (pp. 12-26)
Facilities Committee

Agenda Item:  Schematic Plans

☐ review  ☑ review/action  ☐ action  ☐ discussion

Presenters:  Vice President Kathleen O'Brien
Chancellor Jacqueline Johnson
Assistant Vice President Suzanne Smith

Purpose:

☐ policy  ☐ background/context  ☑ oversight  ☐ strategic positioning

In accordance with Board of Regents Policy: Reservation and Delegation of Authority, and consistent with current practices for reviewing the design of major projects, consider approval of schematic plans for the following project:

- Green Prairie Living and Learning Community, Morris Campus

Outline of Key Points/Policy Issues:

The project schematic plans will be presented at the Facilities Committee meeting. The attached data sheet addresses the basis for request, cost estimate, funding and schedule. A map locating the project on the University of Minnesota Morris campus is also attached.

**Green Prairie Living and Learning Community, Morris Campus**

This suite-style 27,890 square foot residence hall complements the Morris Campus focus on environmental sustainability by providing a facility that demonstrates to and educates residents and visitors about its “green” features. Built partially into a hill at the northeast area of the campus historic district near the east campus entry, the building’s architectural prairie school style with brick exterior, hip roofs and long eaves reflect the signature features of UMM’s historic buildings. The two-story residence hall contains 72 beds in 16 quad suites with 4 beds per suite (8 with single bedrooms, 8 with double bedrooms), 4 single bed/private bath units and 4 single bedroom community advisor units as well as 1 area coordinator apartment and a catering kitchen. A common lounge will connect the two wings. The residence hall will also contain a study room, student lounges on each floor, laundry rooms and 2 staff offices. The building is designed to meet Minnesota B3 sustainability guidelines and LEED Gold.
Background Information:

*Green Prairie Living and Learning Community, Morris Campus*

This project was included in the 2012 Six-Year Capital Plan approved by the Board of Regents in March 2012 and is included in the FY 2013 Capital Improvement Budget scheduled for Board of Regents action in June 2012.

President's Recommendation for Action:

The President recommends approval of schematic plans for the project listed below and of the appropriate administrative offices proceeding with the authorization of contracts for the implementation and construction of this project, subject to approval of the project as a part of the annual capital budget.

- *Green Prairie Living and Learning Community, Morris Campus*
Green Prairie Living and Learning Community  
Morris Campus  
Project No. 04-700-08-1144, Capital Budget No. 3052

1. Basis for Request:

Residential life is fundamental to the University of Minnesota, Morris mission as a residential public liberal arts college. In Fall 2011, 95 percent of first year students lived on campus without a housing requirement. This new residential life facility – the Green Prairie Living and Learning Community (GPLLC) – will leverage Morris student recruitment and retention, green campus and renewable energy initiatives. The GPLLC facility will provide contemporary undergraduate student housing, replacing Blakely Hall, which was constructed in 1920 and has capacity for 77 residents. This is the first residential life facility construction on the Morris campus since 1971.

In Fall 2011, student housing occupancy at University of Minnesota, Morris (UMM) was at 114 percent of the recommended capacity, using expanded student housing spaces by temporarily housing four students in three-student apartments, etc. Since 2008 degree seeking students have increased by approximately 100 students per year, to 1822 students in Fall 2011. The percentage of students living on campus has increased from 44 percent in 2008 to 49 percent in 2011. This facility will offer more single sleeping rooms designed to meet the needs of upper-class students. It will create the only fully accessible residence hall on campus.

UMM has been leveraging sustainability, energy and “green” initiatives as a means of securing market niche and advancing the overall University of Minnesota mission as an innovator and leader in this area. The project will:

1) Strengthen UMM student recruitment and retention efforts with a contemporary living/learning facility aligned with UMM’s current green campus leadership;
2) Provide contemporary on-campus housing for 72 undergraduates during the academic year, as well as the capacity for summer housing for adult and youth participants in UMM and Green Prairie Alliance programs;
3) Support the UMM mission of preparing graduates to be global citizens who are civically engaged and effective stewards of their environment.
4) Advance and leverage UMM renewable energy initiatives, providing leadership through education, research and demonstration in sustainable resource conservation, with green building design.

With a new Summer Conferences and Events program, UMM has tripled summer residential life revenues since 2007. The GPLLC facility will provide housing for summer programs aligned with UMM’s Green Prairie partnerships with the West Central Research and Outreach Center and the USDA Agricultural Research Service North Central Soil Conservation Research Lab in Morris. The facility will house and provide learning spaces for researchers, visiting scholars, undergraduate and graduate students, and engaged citizens—for research, workshops and programs linked to the community based renewable energy platforms in Morris. In addition, high school and adult participants in summer programs will reside in the facility, gaining exposure to the UMM campus and to a sustainable living environment. Current residential life facilities do not offer amenities to support an adult summer program (e.g. air conditioning, more private living spaces.)
UMM has been cited for its environmental leadership by the US Environmental Protection Agency, the Association for the Advancement of Sustainability in Higher Education (AASHE), AASHE’s Sustainability Tracking and Assessment Rating System, the American Council on Renewable Energy (ACORE), the Presidents Climate Commitment Leadership Circle and the Sierra Club.

This residential life facility will leverage University of Minnesota green investments in UMM and advance UMM's primary goals of increased enrollment, greater visibility, and diversified revenue streams, all critical to UMM’s future.

FY 2011- 2015 Capital Budget Metrics addressed by this project:

Ensure student success by:
- Creating facilities that are directly related to recruiting, educating, supporting, and graduating students
- Creating facilities that improve learning outcomes
- Creating facilities that uniquely enhance student satisfaction

Fulfill our statewide mission by:
- Creating specific facilities and spaces needed to achieve unique mission elements on coordinate campuses, research and outreach centers, and field stations.

Protecting public assets and investment by:
- Implementing campus master plans and advancing the University's sustainability goals
- Leveraging facility investment to advance the academic mission and priorities
- Making infrastructure investments that ensure reliability over the long term, lower energy and operating costs and advance environmental stewardship

2. Scope of Project:

This new suite-style 27,980 gross square foot residence complements UMM’s focus on environmental sustainability by providing a building that demonstrates and educates residents and visitors about its green features. The building is located east of the Saddle Club Barn adjacent to the central parking lot. The location relates to the agricultural campus and features the pastoral landscape to the east. Built partially into a hill at the northeast area of the campus historic district near the east campus entry, the GPLLC’s architectural prairie school style with brick exterior, hip roofs and long eaves reflects the signature features of UMM’s historic buildings.

The project is a new two-story residence hall and contains 72 beds in 16 quad suites with 4 beds per suite (8 with single bedrooms, 8 with double bedrooms), 4 single bed/private bath units and 4 single bedroom Community Advisor units, as well as 1 Area Coordinator apartment and a catering kitchen. A common lounge will connect the two wings. The residence hall will also contain a study room, student lounges on each floor, laundry rooms and two staff offices.

The building is designed to meet Minnesota B3 sustainability guidelines and LEED Gold.

3. Master Plan or Precinct/District Plan:

The project is in compliance with the Morris Campus Master Plan, dated 2008, and the designated location for a new green residence hall.
4. Environmental Issues:

Preliminary soils investigations indicate there are no environmental issues anticipated.

5. Cost Estimate:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Cost</td>
<td>$5,844,000</td>
</tr>
<tr>
<td>Furnishings</td>
<td>$308,000</td>
</tr>
<tr>
<td>Non Construction Cost</td>
<td>$748,000</td>
</tr>
<tr>
<td><strong>Total Project Cost</strong></td>
<td><strong>$6,900,000</strong></td>
</tr>
</tbody>
</table>

6. Capital Funding:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Bonds</td>
<td>$5,900,000</td>
</tr>
<tr>
<td>UMM Housing Reserves</td>
<td>$1,000,000</td>
</tr>
<tr>
<td><strong>Total Funding</strong></td>
<td><strong>$6,900,000</strong></td>
</tr>
</tbody>
</table>

University bonds will be issued to finance the construction of this project. Rent charged to students and summer programs utilizing UMM Residential Life facilities will be used to make principle and interest payments on the debt.

7. Capital Budget Approvals:

Funding for this project is planned to be included in the University's Fiscal Year 2013 Capital Improvement Budget scheduled for action in June 2012 by the Board of Regents.

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

The annual operating and maintenance cost is estimated to be $100,000 and will be funded by rent charged to students and summer programs utilizing the GPLLC facility.

9. Time Schedule:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete Design</td>
<td>June 2012</td>
</tr>
<tr>
<td>Establish Construction</td>
<td>June 2012</td>
</tr>
<tr>
<td>Guaranteed Maximum Price</td>
<td></td>
</tr>
<tr>
<td>Begin construction</td>
<td>July 2012</td>
</tr>
<tr>
<td>Complete construction</td>
<td>August 2013</td>
</tr>
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</table>

10. Architect and Construction Manager:

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architect</td>
<td>LHB, Inc., Minneapolis, Minnesota</td>
</tr>
<tr>
<td>Construction Manager</td>
<td>Donlar Construction Co., Shoreview, Minnesota</td>
</tr>
</tbody>
</table>

The project delivery method is Construction Manager at Risk.
11. Recommendation:

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

Richard Pfutzenreuter, Vice President and Chief Financial Officer

Jacqueline Johnson, Chancellor, Morris Campus

Kathleen O’Brien, Vice President for University Services
Facilities Committee 

AGENDA ITEM: Capital Project Delivery - Methods & Experience

☐ review   ☐ review/action   ☐ action   ☒ discussion

Presenters: Vice President Kathleen O'Brien  
            Assistant Vice President Suzanne Smith

Purpose:

☐ policy   ☒ background/context   ☐ oversight   ☐ strategic positioning

As part of this year's Facilities Committee Work Plan, Capital Planning and Project Management is providing information regarding the methods and experience for delivery of the University's capital projects.

Outline of Key Points/Policy Issues:

The primary project delivery methods on campus utilize a Best Value delivery approach and include: Construction Manager @ Risk, Design-Build and Design-Bid-Build. The delivery method selected is tailored to each project and is based on several key factors such as; project scope/type, schedule, budget, complexity, risk analysis and best practices. The vendor selection for design and construction services for capital projects is procured through a Request For Proposal (RFP) process. The proposals are evaluated by the project’s advisory committee, based on the criteria included in the RFP, and interviews are conducted with the finalists.

Background Information:

Capital Planning and Project Management has system-wide responsibility for campus master planning as well as planning, designing, and constructing fixed assets including new facilities, remodeling existing facilities, utility infrastructure, furnishing and equipment.
UNIVERSITY OF MINNESOTA
BOARD OF REGENTS

Facilities Committee

June 7, 2012

Agenda Item: Space Utilization & Building Decommissioning/Demolition Impact Update

☐ review ☐ review/action ☐ action ☒ discussion

Presenters: Vice President Kathleen O’Brien
Assistant Vice President Brian Swanson

Purpose:

☐ policy ☒ background/context ☐ oversight ☐ strategic positioning

The cost of construction, operations, maintenance and renewal of University facilities represents a significant portion of the University's operating budget. The University, particularly in tough economic times, has a responsibility to ensure that its facilities are used efficiently. Current budget constraints provide an opportunity to make operational and cultural changes necessary to achieve that goal.

The Space Utilization Work Team has been created to, “improve the utilization of University space to decrease operating and lease costs … on the Twin Cities Campus and to reduce the University's space inventory and demand for leased space.” The Space Utilization Effort is about:

• changing the perception on campus that space is a free good,
• reducing the demand for space through incentives
• taking advantage of new work place technologies, and
• shrinking the inventory by removing high cost obsolete buildings and off-campus leases.

The Space Utilization Initiative supports the University’s other efforts in the areas of enhancing sustainability, improving the Facility Condition Assessment Needs Index (FCNI), and reducing overall utility and facility operations costs.

The Space Utilization Team has adopted the following principles to guide its approach to the work team charge:

• Sustainable: The University should not have more space than it can afford to operate, maintain, and support.
• Aligned: The University should provide the correct type, quality, and quantity of space required for programs to function effectively.
• Managed: The University should provide tools and incentives for maximizing the efficiency and effectiveness of its space resources.
Outline of Key Points/Policy Issues:

Board of Regents Policy: Property and Facility Use calls for “maximizing the efficient and effective use of property and facilities.” This presentation will provide the committee with an update on the Space Utilization Initiative, the plans to implement Alternative Workplace Strategies and recent efforts to decommission or demolish and recycle a number of obsolete buildings on the Twin Cities Campus.

The program has removed 14 buildings totaling 310,000 square feet from the active inventory. These removals will save the University approximately $1.1 million per year in operating costs and remove $33 million from the facility condition assessment 10-year needs total.

Background Information:

In February 2012, the Facilities Committee received the Utilities and Energy Management Annual Report.

In September 2011, the Facilities Committee received the annual update on the Facility Condition Assessment.

In May 2011, the Facilities Committee received a preliminary report on the Space Utilization Initiative.

In November 2010, the Facilities Committee received a presentation on the Space Utilization Initiative.
Facilities Committee

June 7, 2012

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 item:

• Final Project Review: Siebert Field Ballpark Replacement, Twin Cities Campus
• Final Project Review: Green Prairie Living and Learning Community, Morris Campus

Outline of Key Points/Policy Issues:

Final Project Review: Siebert Field Ballpark Replacement, Twin Cities Campus
The scope of this project is to replace the existing Siebert Field with a new ballpark. The entire project is new construction, but will remain on the same site as the existing Siebert Field, allowing the new facility to utilize the land and available infrastructure. The program includes: a seating bowl to accommodate 1,400 spectators on slab-on-grade concrete risers accessed by a raised concourse level from the rear, two entry plazas – one from the south to welcome campus pedestrians and one from the north to welcome 8th Street pedestrians, a seasonal press/concessions building and spectator restroom building, a sunken artificial turf playing surface with adjacent visitor and home bullpens, new visitor and home sunken dugouts, revamped field lighting, and a new scoreboard. Soil corrections and storm water management features are also integral to the design.

Final Project Review: Green Prairie Living and Learning Community, Morris Campus
This suite-style 27,890 square foot residence hall complements the Morris Campus focus on environmental sustainability by providing a facility that demonstrates to and educates residents and visitors about its “green” features. Built partially into a hill at the northeast area of the campus historic district near the east campus entry, the building’s architectural prairie school style with brick exterior, hip roofs and long eaves reflect the signature features of UMM’s historic buildings. The two-story residence hall contains 72 beds in 16 quad suites with 4 beds per suite (8 with single bedrooms, 8 with double bedrooms), 4 single bed/private bath units and 4 single bedroom community advisor units as well as 1 area coordinator apartment and a commercial kitchen. A common lounge will connect the two wings. The residence hall will also contain a study room, student lounges on each floor, laundry rooms and
2 staff offices. The building is designed to meet Minnesota B3 sustainability guidelines and LEED Gold.

**Capital Planning & Project Management Semi-Annual Project Report**

This report includes projects in process that have been approved in the Capital Budget and for which the Regents have approved the Schematic Plans. The report highlights progress performed and challenges encountered in delivering the project scope of work within the approved budget and schedule.

In accordance with the Board of Regents Calendar, the Capital Planning and Project Management Semi-Annual Project Report is presented in the summer and in the winter to provide performance information prior to the consideration of the annual capital budget and the Six-Year Capital Plan.

**Background Information:**

Information items are intended to provide the Facilities Committee with information needed to perform its oversight responsibilities.
Policy Summary:
According to Board of Regents Policy: Reservation and Delegation of Authority, Article I, Section VIII, Subdivision 9, “The Board reserves to itself the authority for a subsequent review of approved capital budget projects with a value greater than $5,000,000 prior to the award of construction contracts.”

Project Summary:
The scope of this project is to replace the existing Siebert Field with a new ballpark. The entire project is new construction but will remain on the same site as the existing Siebert Field allowing the new facility to utilize the land and available infrastructure. The program includes: a seating bowl to accommodate 1,400 spectators on slab-on-grade concrete risers accessed by a raised concourse level from the rear, two entry plazas – one from the south to welcome campus pedestrians and one from the north to welcome 8th Street pedestrians, a seasonal press/concessions building and spectator restroom building, a sunken artificial turf playing surface with adjacent visitor and home bullpens, new visitor and home sunken dugouts, revamped field lighting, and a new scoreboard. Soil corrections and storm water management features are also integral to the design.

Board of Regents Approval Summary:
- Six-Year Plan: March 2012 as a part of the 2012 Six-Year Plan
- Capital Budget: June 2012 as a part of the FY2013 Capital Budget
- Schematic Plans: May 2012

Project Team:
- Design / Builder: PCL Construction Services, Inc., Burnsville, Minnesota
  • Architect sub consultant: DLR Group, Minneapolis, Minnesota

Project Budget:

<table>
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<tr>
<th>Funding Identification</th>
<th>Total</th>
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<tr>
<td>University of Minnesota Foundation Cash</td>
<td>$ 2,856,690.00</td>
</tr>
<tr>
<td>Internal Loan (repaid by Intercollegiate Athletics)</td>
<td>4,277,710.00</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$ 7,134,400.00</strong></td>
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</table>

Project Schedule:
- Begin Construction: June 2012
- Substantial Completion – Field: September 2012
- Substantial Completion – Balance of Project: December 2012

Consistency of project with approved scope, schedule and budget:

X Yes  No
Policy Summary:

According to Board of Regents Policy: Reservation and Delegation of Authority, Article I, Section VIII, Subdivision 10, “The Board reserves to itself the authority for a subsequent review of approved capital budget projects with a value greater than $5,000,000 prior to the award of construction contracts.”

Project Summary:

This suite-style 27,890 square foot residence hall complements the Morris Campus focus on environmental sustainability by providing a building that demonstrates and educates residents and visitors about its “green” features. Built partially into a hill at the Northeast area of the campus historic district near the East campus entry, the building’s Prairie School style with brick exterior, hip roofs and long eaves reflect the signature features of UMM’s historic buildings. The two-story residence hall contains 72 beds in 16 quad suites with 4 beds per suite (8 with single bedrooms, 8 with double bedrooms), 4 single bed/private bath units and 4 single bedroom Community Advisor units as well as 1 Area Coordinator apartment and a commercial kitchen. A common lounge will connect the two wings. The residence hall will also contain learning/meeting spaces, lounges on each floor, laundry rooms and 2 offices. The building is designed to meet Minnesota B3 sustainability guidelines and LEED Gold.

Board of Regents Approval Summary:

Six-Year Plan: March 2012 as a part of the 2012 Six-Year Plan
Capital Budget: June 2012 as a part of the FY2013 Capital Budget
Schematic Plans: June 2012

Project Team:

Architect/Engineer Team: LHB, Inc., Minneapolis, Minnesota
Construction Manager: Donlar Construction Co., Shoreview, Minnesota

Project Budget:

<table>
<thead>
<tr>
<th>Funding Identification</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Bonds</td>
<td>$5,900,000.00</td>
</tr>
<tr>
<td>UM Morris Housing Reserves</td>
<td>1,000,000.00</td>
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<tr>
<td>Total</td>
<td>$6,900,000.00</td>
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Project Schedule:

Begin Construction: July 2012
Substantial Completion: August 2013

Consistency of project with approved scope, schedule and budget:

___ Yes   ___ No
Capital Planning & Project Management (CPPM)

Semi-Annual Project Report
June 2012
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EXECUTIVE SUMMARY

This Semi-Annual Project Report submitted by Capital Planning & Project Management includes projects in process that have been approved in the Capital Budget and for which the Regents have approved the Schematic Plans. Once a project is reported as complete it is removed from subsequent reports.

The projects in this report are organized by phase: Projects in Design, Projects in Construction, Projects Completed and Projects with Exceptions / Issues. A total of 13 projects are listed, 4 in design, 7 in construction, and 2 in construction with exceptions / issues.

The full scope of work within Capital Planning & Project Management includes the following additional project activity:

<table>
<thead>
<tr>
<th>Project Phase</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>Project Initiation</td>
<td>39</td>
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<tr>
<td>Pre-Design</td>
<td>37</td>
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<tr>
<td>Design</td>
<td>56</td>
</tr>
<tr>
<td>Construction</td>
<td>47</td>
</tr>
<tr>
<td>Substantial Completion</td>
<td>31</td>
</tr>
<tr>
<td>Project Close out</td>
<td>80</td>
</tr>
<tr>
<td>Closed since last report</td>
<td>52</td>
</tr>
<tr>
<td><strong>Total Projects</strong></td>
<td><strong>342</strong></td>
</tr>
</tbody>
</table>
CPPM MEASURES & STRUCTURE

CPPM uses the following performance measures and accepts full accountability for the following:

- Meeting project **scope expectations**
- Delivering expected **quality**
- Delivering projects on **schedule**
- Delivering projects on **budget**
- Improving **process productivity**
- Limiting / eliminating **legal liabilities**
- Promoting **targeted business** participation
- Support University of Minnesota **sustainability initiatives**

CPPM Organization:

- CPPM is organized as follows:
  - Project Delivery
  - Planning & Architecture
  - Business Services
PROJECT STATUS

Projects in Design

**Center for Magnetic Resonance Research**

**New 3T MRI Magnet, UMTC**

**Description:** This project will renovate the existing 1,200 square feet MRPET MRI suite to accommodate the purchase of a new 3.0T MRI.

<table>
<thead>
<tr>
<th>Project Executive:</th>
<th>Suzanne Smith</th>
<th>Project Manager:</th>
<th>Kevin Ross</th>
</tr>
</thead>
<tbody>
<tr>
<td>A &amp; E Firm:</td>
<td>RSP Architects</td>
<td>Contractor:</td>
<td>M. A. Mortenson</td>
</tr>
<tr>
<td>Budget:</td>
<td>$2,700,000</td>
<td></td>
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<tr>
<td>Schedule:</td>
<td>Fall 2012</td>
<td></td>
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</tr>
</tbody>
</table>

- Magnet vendor has been selected
- Design Development Drawings are underway
- **Project planning & design is on schedule and within budget**

**Laboratory/Classroom Facility, Itasca Biological Station & Laboratories**

**Description:** Construct a 11,800 square foot laboratory/classroom designed to meet Minnesota B3 requirements and anticipated achieving LEED Gold status through a substantial reduction in energy use and demolish 3 obsolete, energy inefficient buildings.

<table>
<thead>
<tr>
<th>Project Executive:</th>
<th>Suzanne Smith</th>
<th>Project Manager:</th>
<th>Oliver Real Estate</th>
</tr>
</thead>
<tbody>
<tr>
<td>A &amp; E Firm:</td>
<td>Meyer Scherer &amp; Rockcastle</td>
<td>Contractor:</td>
<td>To be determined</td>
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<tr>
<td>Budget:</td>
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<tr>
<td>Schedule:</td>
<td>Occupancy Winter 2014</td>
<td></td>
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</tr>
</tbody>
</table>

- Schematic design complete
- Construction to start Spring 2013
- **Project planning & design is on schedule and within budget**
Siebert Field Ballpark Replacement, UMTC

Description: Replace Siebert Field with a new ballpark on the existing site utilizing existing land and infrastructure. Included is: seating bowl to accommodate 1,400 spectators on slab-on-grade concrete risers, two entry plazas, seasonal press/concessions and restroom buildings, sunken artificial turf playing surface with adjacent home and visitor bullpens, new home and visitor sunken dugouts, revamped field lighting and new scoreboard.

Project Executive: Suzanne Smith
A & E Firm: DLR Group
Budget: $7,134,383
Schedule: Winter 2012

- Construction Documents phase in process
- Construction scheduled to start June 2012 pending Regents approval to award
- Project planning & design is on schedule and within budget.

Green Prairie Living and Learning Community, UMM

Description: The project is a new two-story residence hall and contains 72 beds in 16 quad suites with 4 beds per suite (8 with single bedrooms, 8 with double bedrooms), 4 single bed/private bath units and 4 single bedroom Community Advisor units, as well as 1 area coordinator apartment and a commercial kitchen. A common lounge will connect the 2 wings. The residence hall will also contain a study room, student lounges on each floor, Laundry room & 2 staff offices.

Project Executive: Suzanne Smith
A & E Firm: LHB, Inc.
Budget: $6,900,000
Schedule: August 2013

- Construction Documents phase in process
- Construction scheduled to start July 2012 pending Regents approval to award
- Project planning & design is on schedule and within budget.
Projects in Construction

17th Avenue Residence Hall, UMTC

Description: Construct a 227,000 gross square foot building with the following elements:
- 600 bed residence hall
- 350 seat dining facility
- 3 Greek Chapter Houses designed to support & enhance the sorority & fraternity experience
- Extension of high pressure steam, electric and chilled water utility infrastructure

Project Executive: Suzanne Smith
A & E Firm: TKDA Architects
Budget: $62,500,000
Schedule: August 2013

- To align the name of the project with the name of the facility the project name changed from 4th Street Student Residence Hall & Dining Facility to 17th Avenue Residence Hall
- GMP has been awarded
- Construction has started
- Project is on schedule and within budget

Biomedical Facilities – Cancer/Cardiology Research Center, UMTC

Description: This project will provide approximately 280,000 square feet of space for chemistry and biology labs, lab support, and office space to support Cancer and Cardiovascular research. It also includes shared research and public commons on the first level that will house a large vivarium, shared instrumentation spaces, meeting space and a small food service venue. The project will be connected to the Medical Biosciences Building and linked by skyway to the Center for Magnetic Resonance Research.

Project Executives: Vice President Aaron Friedman & Vice President Kathleen O’Brien
A & E Firm: Architectural Alliance
Budget: $200,300,000
Schedule: May 2013

- Building envelop (brick/windows/roof) complete
- Interior electrical/mechanical systems install in progress
- Interior wall framing in progress
- Project is on schedule and within budget

Project Director: Richard Johnson
Project Manager: Pete Nickel
Contractor: M.A. Mortenson
Lind Hall First Floor Remodel, UMTC

Description: The main scope of this Project includes the renovation and modernization of the entire first floor of Lind Hall (20,200 GSF) as a new central location for a Student Services and Welcome Center for the College of Science and Engineering.

- Enhancements to existing structure were needed, impacting budget and schedule (Required Capital Budget Amendment February 2012)
- Scope change requested by client regarding Taylor Center Lab, impacting budget and schedule (Required Capital Budget Amendment February 2012)
- Project scheduled for June 2012 completion within the amended budget

Northrop Phase II Interior Renovation, UMTC

Description: Northrop will become a pre-eminent Cultural Center that inspires and nourishes the human spirit by creating a +/-2,800-seat hall with excellent acoustics and sightlines, and state-of-the-art technologies to provide the highest quality experience attainable. Northrop will house the University Honors Program, the Institute for Advanced Study, and the Innovation by Design Lab.

- Demolition / deconstruction complete
- New Renovation construction in progress
- Budget amendment for $4,995,000 scheduled to be approved June 2012
- Project is on schedule and within amended budget
Physics & Nanotechnology Building, UMTC

Description: The new Physics/Nanotechnology building will be approximately 144,000 square feet. It will be located on the site bounded by Civil Engineering to the north, Akerman Hall to the west, Scholars Walk to the south and Recreation Center to the east adjacent to the existing Institute of Technology (IT) campus. The building will house approximately 200 faculty, postdoctorate, graduate level, and visiting researchers. The facility also includes forty research laboratories, and a 5,000 net square foot Nano cleanroom laboratory designed for Class 100 chip fabrication and Class 1000 bio-nano work.

Project Executive: Suzanne Smith  
A & E Firm: Architectural Alliance  
Contractor: M.A. Mortenson  
Budget: $83,000,000  
Schedule: November 2013

- GMP has been established
- Construction has started
- Project is on schedule and within budget

Residence Hall & Academic Classroom, UMC

Description: Construct a residence hall for freshman and sophomores student & an adjoining academic classroom addition with the following elements:

- 43,000 gross square foot 141 bed residence
- Each building wing includes a common area kitchenette, study, exercise, and laundry room
- Two story commons between the building wings, which include open area, study room, vending, & activity room
- 5,100 square foot multipurpose classroom

Project Executive: Suzanne Smith  
A & E Firm: Michael J Burns  
Contractor: Community Contractors  
Budget: $ 9,800,000  
Schedule: May 10, 2012 to July 30, 2013

- Phase 1 – Residence Hall under construction to be completed December 2012. Student move in is mid-January 2013.
- Phase 2 – Academic Classroom under construction to be substantially completed March 2013.
- Phase 3 – Classroom technology package and classroom seating installed under separate contract to be completed May 2013.
- Phase 4 – Final grading and landscape installed to be complete July 2013.
- Project is on schedule and within budget.
St Anthony Falls Lab Infrastructure, UMTC

**Description:** The project will help transform the laboratory into a national shared research facility conducting cutting edge research in the energy/environment nexus, expand its role as major hub for industry/academia collaborations, and strengthen and broaden its educational and outreach missions. Infrastructure renovations will include fire/life safety, ADA upgrades, building structural systems, collaborative meeting space, and updated research and laboratory space to meet current and future science needs.

- Currently in Construction
- Demo has begun to remove abandoned elevator, alternate access to wind tunnel in place
- **Project start was delayed, Project Manager anticipates completing on schedule and within budget**

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<th>Project Executive:</th>
<th>Suzanne Smith</th>
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<tbody>
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<td>A &amp; E Firm:</td>
<td>Perkins &amp; Will</td>
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<td>Chuck Koncker</td>
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University Recreation Center Expansion, UMTC

**Description:** The URC expansion includes a 148,000 Gross Square Feet, four-level addition to the existing south side of the University Recreation Center. The program for the expansion of the Sports and Recreation Center on the University Minnesota main campus consists of the following components: a two-court gymnasium, fitness and weights area, seven multi-purpose rooms, outdoor recreation center with a climbing wall, locker rooms, jogging track, offices and miscellaneous spaces. The entry of the building also has a café with an associated serve-and-prep area, public toilets and a social lounge.

- Construction continues
- Building to be enclosed Fall 2012
- **Project is on schedule and within budget.**

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<tr>
<th>Project Executive:</th>
<th>Suzanne Smith</th>
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<td>Roger Wenger</td>
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Wind to Hydrogen to Ammonia, West Central Research & Outreach Center, Morris

Description: The University of Minnesota Morris will construct a globally unique research and demonstration facility to foster the development of wind, hydrogen, and other renewable energy sources. To store wind energy, electricity is converted to hydrogen by electrolysis of water and stored in compressed gas cylinders. When demand calls, the hydrogen is burned in an internal combustion engine to run a generator. In addition, the hydrogen will be converted into anhydrous ammonia for use as a fertilizer within the local community. The facility will provide researchers opportunities to measure efficiencies and optimized production of anhydrous ammonia.

- Redesigned to fit within the allocated budget
- Hydrogen component of the project operational and completed in 2010
- The research nature of this project caused it to fall behind schedule
- Anhydrous Ammonia custom design-build, research equipment skid is behind schedule and due to be install and operational by late summer 2012
- The project is within budget