



President's Recommended
Six-Year Capital Plan

UNIVERSITY OF MINNESOTA

Facilities Committee
March 2007

University of
Minnesota

Six-Year Capital Improvement Plan

Board of Regents Policy directs the administration to develop a capital budget with a “6-year time horizon, updated annually”

Six Year
Capital Plan

6-Year Capital Improvement Plan

Part One: May/June 2006
Capital Improvement *Budget*
Year 1
(FY2007)

Part Two: March/May 2007
Capital Improvement *Plan*
Years 2 - 6
(FY2008 to FY2013)

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Plan Components

Capital Improvement *Plan*
(FY2008 to FY2013)



**2008
State Capital Request**

**2010 & 2012
Preliminary State
Capital Requests**

**2008-2012
University Projects**

**Projects in Planning
& Development**

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Timeline of Events

March 2007:

6-Year Capital Plan - Review

May 2007:

6-Year Capital Plan - Approval

Preliminary 2008 State Capital Request – Review

FY08 Annual Capital Budget - Review

June 2007:

Preliminary 2008 State Capital Request – Approval

FY08 Annual Capital Budget - Approval

September 2007:

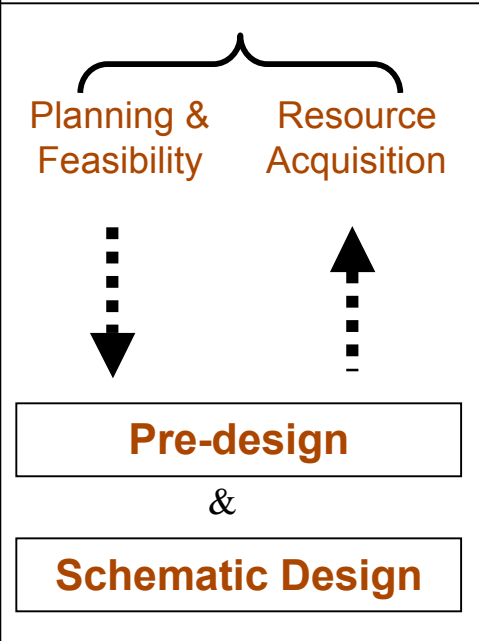
Final 2008 State Capital Request - Review

October 2007:

Final 2008 State Capital Request - Approval

Capital Improvement Planning and Oversight

Process Overview

Stage 1 Potential Projects	Stage 2 Preliminary Review & Program Analysis	Stage 3 Six Year Capital Improvement Plan	Stage 4 Approval & Implementation
<p>Primary Drivers:</p> <ul style="list-style-type: none"> • Programmatic Needs <ul style="list-style-type: none"> - Strategic positioning - Compacts • Facility Conditions <ul style="list-style-type: none"> - Facility Condition Assessment (FCA) 	<p>Major Criteria:</p> <ul style="list-style-type: none"> • Strategic Positioning • Academic Priorities • Facility Conditions • Financial Constraints • Project Logistics • Space & Other Issues 	 <p>A diagram illustrating the process flow for Stage 3. At the top, a bracket groups two components: 'Planning & Feasibility' on the left and 'Resource Acquisition' on the right. Below 'Planning & Feasibility' is a dashed arrow pointing downwards to a box labeled 'Pre-design'. Below 'Resource Acquisition' is a dashed arrow pointing upwards to a box labeled 'Schematic Design'. An ampersand (&) is positioned between the 'Pre-design' and 'Schematic Design' boxes, indicating they are sequential or interconnected steps.</p>	<ul style="list-style-type: none"> • Individual projects over \$500K are approved in the Annual Capital Budget and required amendments. • Predesign and Schematic Design complete • Project fully funded • Approved projects move into the Design and Construction process
<p>Projects proposed by Chancellors, VP's Deans, Faculty, Depts. Business Units during Compact process.</p>	<p>Review, analysis & recommendation by Academic, Finance & Operations staff.</p>	<p>Approved & recommended to Board of Regents by the President.</p>	<p>Approved & recommended to Board of Regents by the President</p>

Stage 2: Analysis, Assessment & Evaluation

- **Academic/Programmatic Need**

- Board & Presidential Priorities
- Strategic Positioning
- Academic & Service Unit Strategic Directions
- Compact Initiatives

- **Facility Condition**

- Health & Safety Concerns
- ADA Issues
- Building Value
- Building Systems

- **Financial Constraints**

- Historical State Capital Appropriations
- U of M Financial Capacity
 - Debt
 - Operating Costs
 - Local Unit Financial Capacity
- Availability of Private Funds

- **Project Logistics**

- Prior Planning or Partial Funding
- Project Readiness
- Potential Staging Issues
- Project Interdependency

- **Space Utilization**

- Improves overall utilization
- Supports highest and best use of space / location
- Solves other space availability issues

- **Other Considerations**

- Geographical Balance
- Historic Status
- Master Plan Impact
- Precinct Plan Impact
- Legal Obligations

Principles

The University Six Year Capital Plan is being developed to 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

Principles

The University Six Year Capital Plan is being developed to ensure long term academic excellence by:

- 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

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Alignment with Strategic Positioning

VISION: Improve the Human Condition
Through the Advancement of Knowledge

MISSION: Extraordinary Education • Breakthrough Research • Dynamic Public Engagement

GOAL: Become one of the Top Three Public Research Universities in the World

EXCEPTIONAL STUDENTS
Recruit, educate, challenge, and graduate outstanding students who become highly motivated lifelong learners, leaders, and global citizens.

EXCEPTIONAL FACULTY AND STAFF
Recruit, mentor, reward, and retain world-class faculty and staff who are innovative, energetic, and dedicated to the highest standards of excellence.

EXCEPTIONAL ORGANIZATION
Be responsible stewards of resources, focused on service, driven by performance, and known as the best among our peers.

EXCEPTIONAL INNOVATION
Inspire exploration of new ideas and breakthrough discoveries that address the critical problems and needs of the University, state, nation, and world.

FOUNDATION FOR SUCCESS: Foster Culture of Excellence • Cultivate International Learning
Advance Interdisciplinary Frontiers • Build Diverse Community • Generate Critical Resources • Account for Results


MAY 2006

UNIVERSITY OF MINNESOTA

Exceptional Students

Be a national leader and innovator in creating premier learning environments

Representative Projects

- Science Teaching and Student Services
- Classroom renewal
- Recreation Center expansion
- New residence hall at UMM
- Briggs Library at UMM
- Northrop renovation

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Illustrative Projects

Science Teaching & Student Services, TC

- Premier classroom facility that will demonstrate the University's innovative philosophy about teaching and learning
- Unique opportunity to become a leader in contemporary teaching methods
- Measurable benefits for students learning by “doing science” instead of being “lectured to”
- Replaces obsolete 1960's science classroom facility



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Illustrative Projects

Briggs Library Renovation, UMM

- Conversion of traditional library to a contemporary digital media center and learning commons
- Represents a new paradigm in individual and collaborative learning environments
- Will enhance the educational experience of UMM students, improving recruitment and retention



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Exceptional Faculty and Staff

*Support outstanding
teaching, research, and service to Minnesota*

Representative Projects

- Folwell Hall renovation
- Pillsbury Hall renovation
- Bell Museum
- Civil Engineering addition at UMD

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Illustrative Projects

Folwell Hall Renovation, TC

- Interior renovation is second phase of building renovation - exterior stabilization currently in progress
- Vital component of humanities precinct being created to strengthen the humanities program
- Incorporates new writing program
- Extends useful life of an historic signature building



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Illustrative Projects

Civil Engineering Addition, UMD

- Addition to Voss-Kovach Hall to accommodate instructional and research labs for the new civil engineering degree program
- Builds on strength of existing engineering programs
- Responds to growing demand for civil engineers from regional industries and public agencies



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Exceptional Organization

Enhance and effectively utilize infrastructure and resources

Representative Projects

- HEAPR
- System-wide data center
- Morris renewable energy projects
- Research and field stations

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Illustrative Projects

HEAPR, Systemwide

- Fire & Life Safety - Fire system improvements (strobe & horns) in Masonic Cancer Center
- Environmental Health & Safety - Asbestos abatement in Chemistry at UMD
- ADA - Elevator in Nolte Hall
- Utility Infrastructure – District chiller & electrical switch station in St. Paul
- Building Systems - Tuckpointing & structural work in Animal Science/ Vet Med



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Illustrative Projects

Data Center, Systemwide

- Remodeled space to accommodate expanding needs for information technology operations
- Provides secure facility for systemwide data distribution
- Improves utilization of existing space
- Increases operational efficiency



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Exceptional Innovation

*Advance discovery and knowledge creation
for the state, nation, and world*

Representative Projects

- Biomedical Sciences Research Facility Authority
- New Science and Technology building
- Energy and the Environment
- Current Bell museum renovation for College of Design

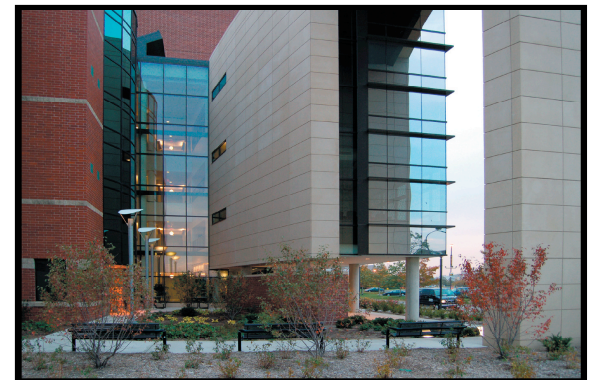
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Illustrative Projects

Biomedical Sciences Research Facilities, TC

- Flexible laboratory facilities to support interdisciplinary research in biomedical sciences
- Investments strengthen U of M's leadership position in biomedical research
- Improves competitiveness for research dollars and top research faculty



Financial Summary

State Capital Request Summary	Total	State Contribution	U of M Contribution
2008 State Capital Request	278,000	212,000	66,000
2010 State Capital Request	278,000	212,000	66,000
2012 State Capital Request	278,000	212,000	66,000
Total	834,000	636,000	198,000

Minnesota Biomedical Sciences Research Facility Authority	Total	State Contribution	U of M Contribution
2009	48,750	43,875	4,875
2011	72,750	65,475	7,275
2013	80,750	72,675	8,075
2015	89,750	80,775	8,975
Total	202,250	182,025	20,225

University-Funded Projects	Total	Other Contribution	U of M Contribution
2008	23,600	10,000	13,600
2009	156,000	20,000	130,000
Total	179,600	30,000	143,600



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March 2007

Extra Slides

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Example Projects

Renewable Energy Projects, UMM

- Second wind generator to supply power to campus
- Advances UMM's plan to attain energy self-sufficiency
- Additional research and demonstration opportunities
- Sale of excess power to benefit campus



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Example Projects

New Bell Museum, TC

- New facility for the state's only natural history museum
- Innovative model for integrating interior and exterior activities and exhibits
- Emphasis on students and visitors “doing science”
- Demonstration of sustainable, environmentally sensitive building and site design

