

**MEMORANDUM**

**To:** Board of Regents  
**From:** Board Office  
**Subject:** FY 2004 Capital Improvement Plans  
**Date:** June 9, 2003

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**Recommended Actions:**

1. To create a higher standard for approvals, adopt the following as additional, new Board policies for major capital projects, effective July 1, 2003:
    - a. The Board directs its institutions to minimize the need for increased operating funds related to new construction and renovations while, at the same time, continuing to emphasize funding needed for on-going maintenance and repairs.
    - b. Major capital projects are defined as any new construction projects and any new renovation projects with estimated project budgets of about \$1 million or more.
    - c. Institutional submissions for Board action on major capital projects will also be evaluated based on the new criteria (1 through 6) outlined on page 3 of this memorandum.
    - d. Institutional requests for Board approval of a "project description and budget" (including funding sources) are to be presented no later than the time at which the "schematic design" is presented.
    - e. Board approvals of both the "schematic design" and "project description and budget" (including funding sources) will constitute Regents final project approval for construction of a capital project.
    - f. An institution must notify the Executive Director prior to solicitation of private and/or federal funds for major capital projects by an affiliated organization or the institution. Upon notification, the Executive Director may determine the necessity of Board action prior to the institutions proceeding with solicitation. Periodic updates on solicitations will be provided to Board members.
  2. Acknowledge that the 6 identified major capital projects on page 5 have already received final project approval for construction.
  3. Receive the FY 2004 Capital Plan.
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**Executive Summary:**

**Previous  
Board Action**

At its May 2003 meeting, the Board adopted the following motion:

For the June 2003 Board meeting, the Board directs the Board Office, in consultation with the institutions' leadership, to prepare a proposal for the Board's consideration, that places a moratorium on new construction projects for FY 2004. This would not include routine or major maintenance projects or major renovation projects. For new construction projects that have already received prior Board action, the report should identify each such project and provide analysis for future Board action.

**Proposed Board  
Policies**

The Board Office, in consultation with the institutions, recommend that the Board adopt the policies as identified on page 1 and described below related to all major facilities projects.

If approved, these policies would be effective July 1, 2003 and would subsequently be incorporated into the Board's Policy Manual.

The staff of the Board Office believe that it is important that the Board make specific determinations on all major capital projects, whether new construction or major renovation, because renovations can sometimes be more costly than new construction.

**Minimize Costs**

It is recommended that the Board adopt a broad-based policy that directs the institutions to minimize the need for increased operating funds related to new construction and renovations, while at the same time, continuing to emphasize funding needed for on-going maintenance and repairs.

While the focus of this recommendation is new construction and major renovations, the institutions should also evaluate 1) operations and maintenance costs for other campus facilities and 2) need for off-campus leased space. (Under Iowa Code, all leases must be approved by the Board.)

**Define Major  
Capital Projects**

It is recommended that major capital projects be defined as any new construction projects and any new renovation projects with estimated project budgets of \$1 million or more, consistent with the Board's current threshold for requiring "permission to proceed" with project planning.

Evaluation Criteria

An integral part of the process referenced above would be a specified list of criteria to be used in evaluating capital projects. New major projects would also be evaluated, when initially presented to the Board (usually as a request for "permission to proceed with planning"), according to the following new criteria:

1. How does this project help fulfill the institution's mission and strategic plan in the following areas:
  - Faculty needs in areas strategic to the university?
  - Program accreditation?
  - Student demand?
  - Other strategic plan-related criteria?
  - Environmental health and safety?
2. What other alternatives were explored to meet the needs identified in number 1 above, why were they rejected and why is the proposed project the best way to meet the identified need?
3. When this project is completed, what facilities and total square footage will be abandoned, transferred or demolished and how does this compare to the new or renovated square footage?
4. What financial resources are available to build/remodel/renovate the proposed capital project including:
  - Source(s) of funding?
  - Availability of funds as it relates to cash flow requirements?
  - Income stream to provide debt service on bonds, if they are to be issued?
  - Calculation of financial return on investment, when applicable?
5. What resources are available to operate and maintain (O&M) the proposed capital project without compromising current programs and operations:
  - Source of O&M funds, e.g., general fund, self-supporting, endowment, etc.?
  - Effect on existing programs/operations if O&M support comes from general fund?
6. Identification of any compelling external forces that justify approval of this capital project:
  - Federal and/or state mandate?
  - Compliance with health/safety/welfare laws?
  - Federal/foundation grant or other external funding opportunities?
  - State policy direction consistent with institutional mission?

## Timing of Board Approvals

To provide a more systematic review of capital projects, it is recommended that the current Board process be clarified.

Institutions must currently receive Board review and approval of new construction and major renovation projects in five critical steps prior to construction.

- Permission to proceed with project planning
- Architect/engineer agreement
- Program statement
- Schematic design
- Project description and budget

The Board may decide to halt a project at any time during the process prior to approval of all five steps.

Operations and maintenance costs for a facility are dependent upon its square footage, type of construction materials, building systems and the detailed program. Therefore, the estimate and source of funds for these costs would be updated when the schematic design is presented to revise, as needed, the preliminary operations and maintenance projections presented when "permission to proceed" was requested.

It is proposed that a "project description and budget", including the source of funds, be brought forward for Board approval no later than the time at which the "schematic design" is presented.

## Final Project Approval

This slight modification in process would enable the Board to have a final, full and complete discussion of the project when the schematic design is presented.

It is recommended that Board approvals of both the "schematic design" and "project description and budget" (including funding sources) will constitute final project approval for construction of a capital project.

Material changes in program, design or cost subsequent to the Board's final approval must be returned to the Board for further approval.

The Board will have full discretion to halt or delay a project at any stage of the process prior to final project approval.

## Fund Raising

Federal / foundation grants and other external funding opportunities help to leverage state and institutional funds for capital projects. However, it is important that these sources of funds and the projects for which they are designated address a campus facility need, consistent with an institution's mission and strategic plan, and that the projects are consistent with the Board's other criteria for project approvals.

It is recommended that an institution must notify the Executive Director prior to solicitation of private and/or federal funds for any major capital project by an affiliated organization or the institution. Upon notification, the Executive Director may determine the necessity of Board action prior to the institutions proceeding with solicitation. Periodic updates on solicitations will be provided to Board members.

Analysis of Active  
Projects

The Board requested, as part of its action at the May meeting, that for new construction projects that have already received prior Board action, the report should identify each such project and provide an analysis for future Board action.

The following recommendation is proposed for all active, major capital (project budget greater than \$1 million) renovation and new building projects which are not yet under construction.

As of June 2003, if the Board has already approved the "schematic design" and "project description and budget", construction would be authorized to proceed in FY 2004.

The following projects meet the definition of final project approval for construction. The Board Office recommends that the Board accept that these projects may proceed.

University of Iowa

- 1) Dey House Addition
- 2) Pomerantz Center
- 3) 102 Church Street Improvements

Iowa State University

- 4) Environmental Health and Safety / Regulated Materials
- 5) University Family Housing Community Center

University of Northern Iowa

- 6) Innovative Teaching and Technology Center

Based upon the recommended actions, financing would occur as previously presented to the Banking Committee in the bond issuance schedule for calendar year 2003, although the months for issuance would be revised since no bonds are being sold in June.

As of July 1, 2003, if the Board has not yet approved the "schematic design" and "project description and budget", the institution would be required to bring forward the next time Board action is requested on the project, a summary sheet which details how the project meets the new criteria outlined above. This information will be shared with Board members as part of the docket write-up.

**FY 2004 New Projects**

For all major projects included on the institutional lists of new anticipated projects for FY 2004, the criteria above are to be addressed when the project is presented for initial Board action as well as when the schematic design is presented.

If an institution requests "permission to proceed" for a major project which is not listed on the FY 2004 capital plan, the institution is to explain why this project was not included on the plan in addition to addressing how the project meets the capital evaluation criteria.

**FY 2005 and Outyear Projects**

All FY 2005 and outyear projects must meet the proposed Board policies outlined above.

**Capital Plans**

The institutions have submitted their capital plans for FY 2004, listing anticipated new projects. Due to the concerns expressed at the May Board meeting, tables showing all active major (project budget >\$1 million) capital projects not yet under construction are also included in this report.

**Appendix A**

Appendix A contains 10 tables as detailed below:

<u>Table</u>	<u>FY 2004 Anticipated New Capital Projects</u>	<u>Amount</u>	<u>Page(s)</u>
1	University of Iowa / UIHC	\$ 37,370,000	15-16
2	Iowa State University	37,895,000	17
3	University of Northern Iowa	31,212,000	18
4	Iowa School for the Deaf	140,000	19
5	Iowa Braille and Sight Saving School	<u>780,000</u>	20
		\$107,397,000	

<u>Table</u>	<u>Active Major (&gt;\$1 Million) Capital Projects Not Yet Under Construction</u>	<u>Amount</u>	<u>Page(s)</u>
6	University of Iowa / UIHC	\$ 343,010,000	21-23
7	Iowa State University	86,338,500	24
8	University of Northern Iowa	<u>56,870,000</u>	25
		\$ 486,218,500	

<u>Table</u>	<u>Status Reports</u>	<u>Amount</u>	<u>Page(s)</u>
9	Projects with Budgets Exceeding \$1 Million for Which Construction is <u>Scheduled to be Completed</u> during FY 2004	\$ 290,979,859	26
10	Projects with Budgets Exceeding \$1 Million for Which Construction is <u>Scheduled to Continue</u> Throughout FY 2004	\$ 213,175,800	27

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**Strategic Plan:**

Presentation of the plans is consistent with Objective 4.3 of the Board's Strategic Plan which provides for the maintenance and acquisition of physical facilities and equipment to meet stewardship responsibilities and changing institutional needs.

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**Background:**

**Board Policy**

The institutions submit to the Board in June of each year, as required by the Regent Policy Manual §9.02 D, their capital plans for the upcoming fiscal year.

The annual capital plans, in conjunction with the operating budgets, provide an overview of institutional plans and priorities for the upcoming fiscal year.

The plans provide the "first opportunity" for comment on proposed, new FY 2004 projects. All projects included in the plans are subject to Regent processes for capital projects including approval of project descriptions and budgets, architectural/engineering agreements, and schematic designs. The Board must also grant permission to proceed with project planning for all projects with budgets exceeding \$1 million.

**Importance of  
Facilities**

Quality facilities are an integral part of the academic enterprise; they help ensure quality academic programs and the ability to attract and retain faculty and students.

Quality facilities are needed to:

- Compete for faculty and staff;
- Improve the research productivity of the faculty; and
- Compete for students.

**Renovation vs. New  
Construction**

A recommendation to renovate as opposed to construct new space needs to be evaluated on a case-by-case basis.

Renovation can help revitalize historic, centrally located, structurally sound buildings.

In most instances, when a facility is structurally sound, it is less expensive to renovate it than to build comparable, new space.

For historic reasons, there may be a rationale to renovate a building even if the cost were to exceed the cost of a new structure.

However, in some, specific instances new, as opposed to renovated, facilities are needed to achieve the required quality. For example, it may not be possible to renovate older facilities to provide state-of-the-art scientific, research space as the floor to ceiling height is too low to install necessary ductwork.

In other instances, renovated space might not meet the required program goals. Renovating older dormitory rooms would not provide the suite-style accommodations that students are currently requesting; it would be cost-prohibitive to attempt to renovate standard dormitory rooms into suites.

Renovating a facility can increase its operations and maintenance costs. If a facility has not been air-conditioned, adding it will increase the operational costs, all other factors being equal. Even if a facility had been air-conditioned, providing a more sophisticated HVAC system, which meets current code requirements, could also increase operational and maintenance costs.

**Sustainable Design  
– A Way to Control  
Costs**

During the 1990s, the architectural profession in the United States identified principles of “sustainable,” “high performance,” or “green” building design. The approach, which applies environmental principles to all aspects of building design, can result in healthy, naturally lit, attractive buildings with lower operating and lifecycle costs.

Sustainable design embodies the following goals:

- Minimize use of resources;
- Minimize waste generated from construction, renovation and demolition of buildings;
- Minimize waste generated during building occupancy; and
- Encourage better management of waste.

Sustainable design options provide one method to control future operating costs for new or renovated buildings.

**On-going Efforts:  
Energy  
Conservation**

As noted in the September 2002 Energy Conservation report to the Board, the Regent institutions are continuing their efforts to identify and implement additional energy conservation measures to reduce current and future energy expenditures.

- The institutional efforts are focusing on additional improvements in temperature settings and lighting levels, equipment use, classroom scheduling, and campus communications to ensure cooperation with the energy conservation plans.



SUI	<p>The University of Iowa has continued with the MidAmerican Energy Efficient Commercial New Construction Program, which recommends various energy conservation strategies for new construction and major remodeling projects.</p> <ul style="list-style-type: none"><li>• The University reports that this program will result (when construction is complete) in construction incentives to the University totaling approximately \$912,500, and energy savings estimated at \$660,000 annually, for the following major new construction and renovation projects which were identified for the program.</li><li>• Construction of the Carver Biomedical Research Facility, Blank Honors Center, and UIHC Center of Excellence in Image-Guided Radiation Therapy, and</li><li>• Renovation of the Hydraulics Laboratory (completed) and the Biology Buildings.</li></ul>
ISU	<p>Iowa State University reported that it planned to make additional improvements for the Power Plant boilers to ensure more energy efficient operations, replace chilled water coils at the Veterinary Medicine Complex, and install occupancy controls and fume hood systems for the Molecular Biology Building.</p>
UNI	<p>The University of Northern Iowa indicated that it would continue the implementation of its unoccupied energy cycle programs during evenings, weekends and holidays among other items.</p>
Historical Context	<p>There have been “peaks” and “valleys” in higher education new facility construction over the last two hundred years. Between 1950 and 1975, the amount of higher education space tripled. More college and university space was constructed during that 25 year period than in the prior 200 years. (<i>The Decaying American Campus, A Ticking Time Bomb</i>, 1989, page 6.) Iowa shared in this growth in square footage as enrollment grew, and funds were available to construct the facilities to meet the increased demand.</p>
1995 to Present	<p>Since 1995, the Iowa General Assembly has appropriated more than \$280 million from the Rebuild Iowa Infrastructure Fund and the restricted capital funds account of the tobacco settlement trust fund to the Regents.</p> <ul style="list-style-type: none"><li>• These appropriations have included funds for new construction, as well as major renovations and utility improvements.</li><li>• At the same time as this construction was occurring, the institutions identified a need to upgrade or replace aging campus residential facilities, many of which were constructed during the 1960s and were thus part of the “peak construction boom” identified above.</li></ul>

- University Foundation capital campaigns have also generated significant gifts for campus facilities.

### **Analysis:**

#### **Winding Down**

The factors identified above have resulted in a near-unprecedented level of construction, which is unlikely to be repeated in the short-term. Based upon the information included in the status reports on major projects submitted as part of the FY 2004 capital plan, projects with total budgets exceeding \$290 million (Table 9) are scheduled to be completed in FY 2004. Construction is scheduled to continue throughout FY 2004 on projects with budgets totaling more than \$213 million (Table 10).

- Both of these dollar amounts are higher than comparable data which have been collected beginning with FY 1996.
- These numbers compare to the institutional FY 2004 anticipated new projects which total \$107 million (Tables 1-5) and the active major projects not yet under construction which total \$486 million (Tables 6, 7 and 8). Many of the active projects require funding before they can proceed.
- The 2003 General Assembly did not appropriate funds for any of the major projects included as part of the Board's FY 2004 request.

#### **Anticipated New Projects**

The anticipated new projects (with total estimated costs of \$107 million) include the following by project type:

#### **FY 2004 New Anticipated Capital Projects (Tables 1-5) By Type of Project**

	<b><u>Anticipated Costs</u></b>
Fire and Environmental Health and Safety	\$ 1,950,000
Building Deferred Maintenance	7,970,000
New Construction	50,500,000
Remodeling / Renovation	22,080,000
Utility Improvements	585,000
Other	<u>24,312,000</u>
<b>Total</b>	<b>\$107,397,000</b>

Anticipated New  
Construction

The anticipated new construction projects are as follows:

**FY 2004 Anticipated New Construction Projects**

<b><u>Institution</u></b>	<b><u>Project</u></b>	<b><u>Anticipated Project Cost</u></b>
SUI	Waste Management Facility	\$ 5,000,000
UIHC	Replacement Ambulatory Care Clinic	11,700,000
ISU	Dairy Farm Relocation	15,000,000
	Student Athlete Academic Services	6,000,000
	Veenker-Short Game Practice	300,000
UNI	Business and Community Services	7,500,000
	Innovation Accelerator and Business Park	<u>5,000,000</u>
<b>Total</b>		<b>\$50,500,000</b>

Brief descriptions of these projects follow:

SUI      The University of Iowa Waste Management Facility would construct a facility to manage hazardous waste and would combine functions currently taking place in three substandard facilities at Oakdale.

UIHC      The University of Iowa Hospitals and Clinics Replacement Ambulatory Care Clinic project would finish approximately 61,000 gross square feet of shell space to accommodate the needs for replacement ambulatory care clinics.

ISU      Iowa State University is interested in relocating dairy farm facilities from both the Mortenson Road location in Ames and from the Ankeny Dairy Research Facility to a location southwest of the University. The sale of the land in Ankeny is being encouraged by the General Assembly (as per legislation passed during the 2002 session) and will be a primary fund source for the project.

The Iowa State University Student Athlete Academic Services project is listed as new construction although it is possible that space could be remodeled to consolidate and expand space for academic counselors, study space and tutoring for athletes.

The Iowa State University Memorial Golf Course-Short Game Practice Facility (Veenker-Short Game Practice Facility) would develop a driving range and short game practice facility for the University's Golf Team and a driving range with short game practice features for the public.

UNI      The University of Northern Iowa Business and Community Services Facility would provide space for an expansion of the University's outreach programs.

The University of Northern Iowa Innovation Accelerator and Business Park facility would provide space for programs to promote synergy between the University, the Cedar Valley communities and the State of Iowa to transfer innovations into commercialization.

**Anticipated Major Renovation**

Major remodeling, renovation projects included on the list of new, anticipated projects include:

**Anticipated Major Remodeling, Renovation (>\$1 million) Projects**

<b><u>Institution</u></b>	<b><u>Project</u></b>	<b><u>Anticipated Project Cost</u></b>
UIHC	Emergency Trauma Center Expansion and Renovation, Phase 1	\$ 5,000,000
	Magnetic Resonance Imaging Systems Installation	1,530,000
	Mechanical and Electrical Systems Replacement and Upgrade	1,200,000
ISU	Biological Sciences Space Reallocation, Ph 1	1,000,000
	Durham Center Renovation	2,000,000
	Forker Building Remodeling	2,000,000
	Hilton Coliseum – Concourse Renovation	<u>1,420,000</u>
<b>Total – Major Remodeling, Renovation</b>		<b>\$14,150,000</b>
Sum of other remodeling, renovation projects with individual budgets under \$1 million		<b>\$ 7,930,000</b>
<b>Grand Total – All Renovation Projects</b>		<b>\$22,080,000</b>

A complete listing of all new, anticipated projects can be found on Tables 1-5, pages 15 to 20. The lists include the proposed source of construction funds as well as the estimated operations and maintenance costs and the proposed source of funds for these costs.

**Active Major Projects**

Active major projects include all projects (budgets >\$1 million) not yet under construction for which the Board has already approved one or more specific actions, as outlined in the Board procedures for capital projects; the procedures for major projects are summarized in Appendix B.

**Recommendation to Proceed – Selected Projects**

The list of active major projects (Tables 6-8, pages 21 to 25) includes the six active, major capital projects for which the Board Office recommended that construction proceed (see Executive Summary, page 5).

**FY 2004 Capital Request**

Active projects also include the three major projects at the top of the Board's FY 2004 capital request (after the Board's top priority of funding for fire, environmental safety and deferred maintenance); no funding was provided for these projects by the 2003 General Assembly. The top three projects were:

**FY 2004 Capital Request**

<b><u>Institution</u></b>	<b><u>Project</u></b>	<b><u>State Request</u></b>
ISU	Coover Hall (Info. Sci.) Addition & Renovation	\$15,600,000
UNI	Electrical Distribution Loop System	7,000,000
SUI	Chemistry Building Renovation, Phase 1a	<u>19,900,000</u>
	Total	\$42,500,000

**Active New Construction**

Other active major projects include the new construction projects listed in the following table. (All projects listed below have received permission to proceed with planning. Board further action on the project is summarized in the table.):

**Active New Construction Projects**

<b><u>Institution</u></b>	<b><u>Project / Status</u></b>	<b><u>Anticipated Project Cost</u></b>
SUI	Hygienic Laboratory (architect hired, planning proceeding)	\$25,000,000
	Health Sciences Building C for Col. Of Public Health and Biomedical Research (architect hired, program statement approved)	47,000,000
	Tennis Facility (permission to proceed only)	5,500,000
	West Campus Residence Hall (architect hired, planning proceeding)	47,000,000
UIHC	Pomerantz Family Pavilion Food Services (architect hired, planning proceeding, program statement approved)	2,496,000
UNI	McLeod Center (architect hired, planning proceeding, program statement approved)	19,500,000
	Human Performance Center (architect hired, planning proceeding, program statement approved)	7,000,000
	Student Health Center Expansion / Ren. (architect hired, planning proceeding)	3,500,000

Further information on these projects including the source of construction funds, estimated operations and maintenance costs, and the proposed source of funds for these costs are included in Tables 6-8, pages 21 to 25.

Active Major  
Renovation

A partial list of active major remodeling, renovation projects includes:

<u>Institution</u>	<u>Project</u>	<u>Anticipated Project Cost</u>
SUI	Kinnick Stadium Renovation	\$75,000,000
	Iowa Memorial Union Renovation – Phase 1	8,976,000
	Old Capitol – Fire Restoration and Bld. Improv	6,000,000
UIHC	Pediatric Inpatient Unit Renovation	11,875,000
	Patient and Visitor Services Center	5,000,000
ISU	Morrill Hall Renovation	9,000,000
	General Classrooms and Auditoriums	14,238,500
	Memorial Union Renovation, Phase 1	9,000,000
UNI	Gilchrist Hall Integrated Student Services Cntr	1,470,000

A complete list of all active major projects can be found on Tables 6-8, pages 21 to 25.

Due to the length of the planning process and the need for project funding, many of the active major projects (new construction and renovation as well as other types of projects) will not be ready for construction in FY 2004.

Construction to be  
Completed

A listing of major projects scheduled to be completed in FY 2004 is included in Table 9, page 26. The approved project budgets total almost \$291 million.

Construction to  
Continue

Table 10, page 27 provides a listing of major projects for which construction is scheduled to continue throughout FY 2004. These projects total more than \$213 million.

  
Joan Racki

Approved:

  
Gregory S. Nichols

TABLE 1  
UNIVERSITY OF IOWA  
ANTICIPATED NEW CAPITAL PROJECTS - FY 2004  
SUMMARY BY PROJECT CATEGORY

<u>Project Categories/Project</u>	<u>Estimated Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Estimated Annual Increased Oper. &amp; Maint. (O&amp;M) Costs</u>	<u>Anticipated Source of O&amp;M Fund(s)</u>
<b>Fire &amp; Environmental Safety</b>				
Various Projects	\$ 500,000	Building Renewal Funds		
	<u>500,000</u>	Treasurer's Temporary Investments		
<b>Subtotal</b>	<b>\$ 1,000,000</b>		Not Applicable	
<b>Deferred and Critical Maintenance (non-utility)</b>				
Various Projects	\$ 2,100,000	Building Renewal Funds		
	<u>500,000</u>	Treasurer's Temporary Invest.		
	\$ 2,600,000		Not Applicable	
Bowen Science Building - HVAC Improvements <sup>1</sup>	\$ 580,000	Building Renewal Funds	Not Applicable	
<b>Subtotal</b>	<b>\$ 3,180,000</b>			
<b>New Building Construction</b>				
Waste Management Facility (schedule to be determined)	\$ 5,000,000	Revenue Bond Proceeds	\$ 92,600	Utility Enterprise
<b>Subtotal</b>	<b>\$ 5,000,000</b>			
<b>Remodel / Renovation</b>				
Trowbridge Hall - Convert B40 to Clean Room <sup>1</sup>	\$ 630,000	Building Renewal Funds	Not Applicable	
Burge Res. Hall - Remodel Information Desk	250,000	Res. Services Improv. Funds	Not Applicable	
Burge Res. Hall - Modernize Restrooms	<u>850,000</u>	Res. Services Improv. Funds	Not Applicable	
<b>Subtotal</b>	<b>\$ 1,730,000</b>			
<b>Exterior Improvements</b>				
Burge Res. Hall - Landscape - SW Courtyard	\$ 430,000	Res. Services Improv. Funds	Not Applicable	
<b>Subtotal</b>	<b>\$ 430,000</b>			
<b>General University Subtotal</b>	<b>\$ 11,340,000</b>			
<b>UIHC projects (see attached)</b>	<b><u>26,030,000</u></b>			
<b>TOTAL</b>	<b><u>\$ 37,370,000</u></b>			

<sup>1</sup> Request for approval of project description and budget included on June 2003 docket.

**TABLE 1**  
**UNIVERSITY OF IOWA HOSPITALS AND CLINICS**  
**ANTICIPATED NEW CAPITAL PROJECTS - FY 2004**  
**SUMMARY BY PROJECT CATEGORY**

<u>Project Categories / Project</u>	<u>Estimated Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Estimated Annual Increased Operations &amp; Maint. (O&amp;M) Costs</u>	<u>Anticipated Source of O&amp;M Fund(s)</u>
<b>Fire and Environment Safety</b>				
UIHC Security & Access Control	\$ 350,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
South Wing Sprinkler System Improvements	<u>300,000</u>	Univ. Hos. Bld Usage <sup>2</sup>	\$ 10,000	Paying Patient Revenues
<b>Subtotal</b>	<b>\$ 650,000</b>			
<b>New Building Construction</b>				
Replacement Ambulatory Care Clinic	<u>\$11,700,000</u>	Univ. Hos. Bld Usage <sup>2</sup>	\$ 665,000	Paying Patient Revenues
<b>Subtotal</b>	<b>\$11,700,000</b>			
<b>Remodel/Renovation</b>				
Emergency Trauma Center Expansion and Renovation, Phase 1	\$ 5,000,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
Magnetic Resonance Imaging Systems Installation <sup>1</sup>	1,530,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
Mechanical and Electrical Systems Replacement and Upgrade	1,200,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
UIHC Roofing Replacement - Groups 14 and 16	993,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
Rossi Guest House Expansion	910,000	Gifts	Not Applicable	
Perinatal On-Call and Support Space	830,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
Boyd Tower Hydronic System Upgrade	725,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
Institute of Neurological Disease Development	600,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
Main Kitchen Locker Room and Restroom Renovation	420,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
Refurbishing Air Handling Units for Automatic System Interface Control	409,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
Replace Nurse Call System on 6RCE and 6RCW	395,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
Renovation of Cardiac Catheterization Lab 2	365,000	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
UI Heart Care EP Lab Renovation	<u>303,000</u>	Univ. Hos. Bld Usage <sup>2</sup>	Not Applicable	
<b>Subtotal</b>	<b>\$13,680,000</b>			
<b>TOTAL</b>	<b><u>\$26,030,000</u></b>			

<sup>1</sup> Permission to proceed with project planning requested on the June 2003 docket.

<sup>2</sup> University Hospitals Building Usage Funds.



TABLE 2  
IOWA STATE UNIVERSITY  
ANTICIPATED NEW CAPITAL PROJECTS - FY 2004  
SUMMARY BY PROJECT CATEGORY

<u>Project Categories/ Project</u>	<u>Estimated Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Estimated Annual Increased Operations &amp; Maint. (O&amp;M) Costs</u>	<u>Anticipated Source of O&amp;M Fund(s)</u>
<b>Fire and Environmental Safety</b>				
Larch Hall Fire Safety	\$ 300,000	Res. System Improv. Funds	Not Applicable	
<b>Subtotal</b>	<b>\$ 300,000</b>			
<b>Building Deferred Maintenance</b>				
Building Repair	\$ 2,600,000	Building Repair Funds	Not Applicable	
<b>Subtotal</b>	<b>\$ 2,600,000</b>			
<b>Utility Deferred Maintenance</b>				
RCA Electrical Upgrade	\$ 260,000	Res. System Improv. Funds	Not Applicable	
<b>Subtotal</b>	<b>\$ 260,000</b>			
<b>New Building Construction</b>				
Dairy Farm Relocation	\$15,000,000	Land Sale Proceeds	\$ 45,000	Ag. Exp. St. & Farm Rev.
Student Athlete Academic Services	6,000,000	Private Giving	\$ 118,000	Athletic Rev.
Veenker - Short Game Practice	150,000 150,000 300,000	Private Giving Veenker Revenue	Not Applicable	
<b>Subtotal</b>	<b>\$21,300,000</b>			
<b>Remodel/Renovation</b>				
Biological Sciences Space Reallocation, Phase 1	\$ 1,000,000	General University	Not Applicable	
Communications Building Remodeling	250,000	WOI Revenues	Not Applicable	
Durham Center Renovation <sup>1</sup>	1,000,000 1,000,000 2,000,000	Private Giving General University	Not Applicable	
Forker Building Remodeling	1,000,000 1,000,000 2,000,000	Private Giving General University	\$ 32,000	General Fund
Hilton Coliseum - Concourse Renovation	1,420,000	Iowa State Center Funds	Not Applicable	
<b>Subtotal</b>	<b>\$ 6,670,000</b>			
<b>Other</b>				
Knapp-Storms Demolition <sup>2</sup>	\$ 3,100,000	Res. System Funds	Not Applicable	
Knoll Rd - Service Court	463,000 253,000 923,000 481,000 2,120,000	Institutional Road Program Capital Projects Private Giving Parking System	Not Applicable	
Stange Rd - 13 <sup>th</sup> St. Intersection	1,545,000	Institutional Road Program	Not Applicable	
<b>Subtotal</b>	<b>\$ 6,765,000</b>			
<b>TOTAL</b>	<b>\$37,895,000</b>			

<sup>1</sup> Permission to proceed with project planning previously approved but project currently on hold.

<sup>2</sup> Permission to proceed with project planning included on June 2003 capital register.

TABLE 3  
UNIVERSITY OF NORTHERN IOWA  
ANTICIPATED NEW CAPITAL PROJECTS - FY 2004  
SUMMARY BY PROJECT CATEGORY

<u>Project Categories/ Project</u>	<u>Estimated Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Estimated Annual Increased Operations &amp; Maint. (O&amp;M) Costs</u>	<u>Anticipated Source of O&amp;M Fund(s)</u>
<b>Building Deferred Maintenance</b>				
College Courts Apartments Windows & Doors, Ph II	\$ 300,000	Residence System Improv. Funds	Not Applicable	
Noehren Hall Window Replacement	700,000	Residence System Improv. Funds	Not Applicable	
Rider Hall Tuckpointing, Phase II	<u>300,000</u>	Residence System Improv. Funds	Not Applicable	
<b>Subtotal</b>	<b>\$ 1,300,000</b>			
<b>New Building Construction</b>				
Business and Community Services	\$ 500,000	Federal Funds	\$249,000 w/ Iowa Waste Reduction Center; \$145,000 w/o Center	Program Fees, General Fund
	<u>7,000,000</u>	Future Federal Funds		
	<u>7,500,000</u>			
Innovation Accelerator and Business Park	5,000,000	Future State Appropriations	\$ 86,866	Space Rental, Sponsored Program Funds, General Fund
<b>Subtotal</b>	<b>\$12,500,000</b>			
<b>Parking Improvements</b>				
UNI-Dome West Parking Lot, Phase 1	\$ 760,000	Parking Operations		
<b>Subtotal</b>	<b>\$ 760,000</b>			
<b>Utility Deferred Maintenance</b>				
Regents Complex Electrical Upgrade	<u>325,000</u>	Residence System Improv. Funds	Not Applicable	
<b>Subtotal</b>	<b>\$ 325,000</b>			
<b>Other</b>				
Institutional Roads - FY 2004	\$ 327,000	Parks & Institutional Roads Funds		
Multimodal Facility	1,000,000	Federal Funds (through Metropolitan Transit Authority)		
	<u>15,000,000</u>	Future Federal Funds		
	<u>16,000,000</u>		\$ 15,000	Parking Fees & Transit Fees
<b>Subtotal</b>	<b>16,327,000</b>			
<b>TOTAL</b>	<b><u>\$31,212,000</u></b>			

**TABLE 4**  
**IOWA SCHOOL FOR THE DEAF**  
**ANTICIPATED NEW CAPITAL PROJECTS - FY 2004**  
**SUMMARY BY PROJECT CATEGORY**

<u>Project Categories/ Project</u>	<u>Estimated Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Estimated Annual Operations &amp; Maint. (O&amp;M) Costs</u>	<u>Anticipated Source of O&amp;M Fund(s)</u>
<b>Building Deferred Maintenance</b>				
General Deferred Maintenance	\$ 100,000	Capital Appropriations	Not Applicable	
Roof Replacement - Old Infirmary	40,000	Building Repair Funds	Not Applicable	
<b>Subtotal</b>	<b>\$ 140,000</b>			
 <b>TOTAL</b>	 <b>\$ 140,000</b>			

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**SUMMARY BY SOURCE OF FUNDS**

Capital Appropriations	\$ 100,000
Building Repair Funds	40,000
<b>TOTAL</b>	<b>\$ 140,000</b>

**TABLE 5**  
**IOWA BRAILLE AND SIGHT SAVING SCHOOL**  
**ANTICIPATED NEW CAPITAL PROJECTS - FY 2004**  
**SUMMARY BY PROJECT CATEGORY**

<u>Project Categories/Project</u>	<u>Estimated Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Estimated Annual Operations &amp; Maint. (O&amp;M) Costs</u>	<u>Anticipated Source of O&amp;M Fund(s)</u>
<b>Building Deferred Maintenance</b>				
South/North Porch Repair	\$ 50,000	Capital Appropriations		
HVAC Upgrade - Old Main	<u>700,000</u>	Capital Appropriations		
<b>Subtotal</b>	<b>\$ 750,000</b>			
<b>Exterior Improvements</b>				
Southwest Parking Lot Paving - Grounds	<u>\$ 30,000</u>	Capital Appropriations		
<b>Subtotal</b>	<b>\$ 30,000</b>			
<b>TOTAL</b>	<b><u>\$ 780,000</u></b>			

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**SUMMARY BY SOURCE OF FUNDS**

Capital Appropriations	<u>780,000</u>
<b>TOTAL</b>	<b><u>\$ 780,000</u></b>

**TABLE 6**  
**UNIVERSITY OF IOWA**  
**ACTIVE MAJOR (>\$1 MILLION) CAPITAL PROJECTS**  
**WHICH ARE NOT YET UNDER CONSTRUCTION**  
**(status of project shown by footnote)**

<u>Project Categories/Project</u>	<u>Project Cost</u>	<u>Source of Construction Fund(s)</u>	<u>Estimated Annual Increased Oper. &amp; Maint. (O&amp;M) Costs</u>	<u>Anticipated Source of O&amp;M Fund(s)</u>
<b>New Building Construction</b>				
Dey House Addition <sup>1,2,7,8</sup> (scheduled to be bid in June 2003)	\$ 2,466,000	Gifts to the University Treasurer's Temporary Invest. and/or Building Renewal APPROVED PROJECT BUDGET	\$ 58,800	General Fund
Hygienic Laboratory <sup>1,2</sup> (bid date contingent on funding)	\$ 25,000,000	Revenue Bonds Future Federal Appropriations <sup>10</sup> ANTICIPATED PROJECT BUDGET	\$ 915,000	General Fund, Hygienic Lab. Rev.
Health Sciences Building C for College of Public Health and Biomedical Research <sup>1,2,4</sup> (bid date contingent on funding)	\$ 17,100,000 12,000,000 17,900,000	Future State Appropriations Gifts and Earnings Revenue Bond Proceeds ANTICIPATED PROJECT BUDGET	(when 100% finished) \$ 2,058,000	General Fund
Pomerantz Center <sup>1,2,7,8</sup> (bids have been received; contract not yet awarded)	\$ 10,000,000 4,000,000 3,289,000 300,000 \$ 17,589,000	Facilities Corp. Rev. Bond Proceeds Private Gifts Treasurer's Temporary Invest. Utility Enterprise Funds APPROVED PROJECT BUDGET	\$ 555,800	General Fund
Tennis Facility <sup>1</sup> (anticipated bid date of May 2004)	\$ 4,800,000 700,000 \$ 5,500,000	Gifts and Earnings Parking System Funds ANTICIPATED PROJECT BUDGET	\$ 271,600	Athletic Revenues, Recreational User Fee Revenues
West Campus Residence Hall <sup>1,2</sup> (anticipated bid date of March 2005)	\$ 47,000,000 \$ 47,000,000	Revenue Bond Proceeds ANTICIPATED PROJECT BUDGET	\$ 1,349,000	Residence Services Revenue
<b>Subtotal</b>	<b>\$ 144,555,000</b>			
<b>Remodel / Renovation</b>				
102 Church Street Improvements <sup>1,2,7,8</sup> (scheduled to be bid in August 2003)	\$ 1,160,000 1,740,000 \$ 2,900,000	Treasurer's Temporary Invest. Private Funds APPROVED PROJECT BUDGET	(due to increased HVAC efficiency) \$ -	General Fund, Gifts
Kinnick Stadium Renovation <sup>1,3</sup> (anticipated bid date of November 2004)	\$ 75,000,000	Gifts and Earnings, Athletic Department Earnings, and Revenue Bonds ANTICIPATED PROJECT BUDGET	Not Applicable	Athletic Revenues
Iowa Memorial Union Renovation - Phase I <sup>1,2</sup>	\$ 8,976,000 \$ 8,976,000	Revenue Bonds ANTICIPATED PROJECT BUDGET		
Bowen Science Building, Remodel Cores 4-300-, 4-600, and 4-700 <sup>1,2,5</sup>	\$ 3,200,000 \$ 3,200,000	National Institutes of Health Grant Col. Of Medicine Gifts & Income ANTICIPATED PROJECT BUDGET		
Chemistry Building Renovation - Phase I <sup>1,2</sup>	\$ 19,900,000 \$ 19,900,000	Future State Appropriations ANTICIPATED PROJECT BUDGET		
Old Capitol - Fire Restoration and Building Improv. Phases 2, 3, and 4 <sup>9</sup>	\$ 350,000 5,650,000 \$ 6,000,000	FY 2004 Capital Appropriation Other Sources to be Determined ANTICIPATED TOTAL BUDGET		
<b>Subtotal</b>	<b>\$ 115,976,000</b>			

**TABLE 6**  
**UNIVERSITY OF IOWA**  
**ACTIVE MAJOR (>\$1 MILLION) CAPITAL PROJECTS**  
**WHICH ARE NOT YET UNDER CONSTRUCTION**  
**(status of project shown by footnote)**

<b>Utility Improvements</b>					
West Campus Chilled Water Plant	\$ 37,500,000	Revenue Bonds			
Development / Expansion <sup>1,2,5,6</sup>	<u>500,000</u>	Parking System Funds			
(anticipated bid date of April 2004)	\$ 38,000,000	ANTICIPATED PROJECT BUDGET	\$ 40,000	Utility Enterprise	
Health Sciences Upgrade Purified Water <sup>2,8</sup>	\$ 2,348,000	Utility System Funds - Reimbursed			
(scheduled to be bid in fall 2003)	\$ 2,348,000	from Future Bond Sale			
		APPROVED PROJECT BUDGET			
Health Science Campus Utility Relocation -	\$ 1,300,000	Utility System Funds			
Phase II <sup>2,8</sup>	\$ 1,300,000	APPROVED PROJECT BUDGET			
<b>Subtotal</b>	<b>\$ 41,648,000</b>				
<b>Parking Improvements</b>					
Expansion of Melrose Avenue Parking Facility <sup>1,2</sup>	\$ 16,000,000	Revenue Bonds			
(scheduled to be bid in January 2004)	\$ 16,000,000	ANTICIPATED PROJECT BUDGET	\$ 77,000	Parking Revenues	
<b>Subtotal</b>	<b>\$ 16,000,000</b>				
<b>General University Subtotal</b>	<b>\$ 318,179,000</b>				
<b>UIHC projects (see attached)</b>	<b><u>24,831,000</u></b>				
<b>TOTAL</b>	<b><u>\$ 343,010,000</u></b>				

<sup>1</sup> Board has previously granted permission to proceed with project planning.

<sup>2</sup> Board has approved the selection of an architect/engineer for the project; planning is proceeding.

<sup>3</sup> Request for approval of selection of architect/engineer on June 2003 docket.

<sup>4</sup> Board has approved the program statement for the project.

<sup>5</sup> Request for approval of program statement on June 2003 docket.

<sup>6</sup> Request for approval of schematic design on June 2003 docket.

<sup>7</sup> Board has approved the program statement and schematic design for the project.

<sup>8</sup> Board has approved the project description and budget.

<sup>9</sup> Board has approved master plan for project.

<sup>10</sup> Some state support anticipated.

TABLE 6  
UNIVERSITY OF IOWA HOSPITALS AND CLINICS  
ACTIVE MAJOR (>\$1 MILLION) CAPITAL PROJECTS  
WHICH ARE NOT YET UNDER CONSTRUCTION  
(status of project shown by footnote)

<u>Project Categories / Project</u>	<u>Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Estimated Annual Increased Operations &amp; Maint. (O&amp;M) Costs</u>	<u>Anticipated Source of O&amp;M Fund(s)</u>
<b>New Building Construction</b>				
Pomerantz Family Pavilion Food Service Facility <sup>1,2,3</sup>	\$ 2,496,000	Univ. Hos. Bld Usage <sup>5</sup>	85,000	Patient, Visitor and Staff
<b>Subtotal</b>	<b>\$ 2,496,000</b>	<b>ANTICIPATED PROJECT BUDGET</b>	<b>\$ 85,000</b>	<b>(i.e. Customer) Revenues</b>
<b>Remodel/Renovation</b>				
Pediatric Inpatient Unit Renovation <sup>1,2,3</sup>	\$10,275,000	Univ. Hos. Bld Usage <sup>5</sup>	Not Applicable	
	<u>1,600,000</u>	Gifts	Not Applicable	
	11,875,000	ANTICIPATED PROJECT BUDGET		
Patient and Visitor Services Center <sup>1,4</sup>	<u>5,000,000</u>	Univ. Hos. Bld Usage <sup>5</sup>	Not Applicable	
	5,000,000	ANTICIPATED PROJECT BUDGET		
Nursing Clinical Education Center <sup>1</sup>	<u>3,000,000</u>	Univ. Hos. Bld Usage <sup>5</sup>	Not Applicable	
	3,000,000	ANTICIPATED PROJECT BUDGET		
Positron Emission Tomography Imaging Center Expansion <sup>1,2</sup>	<u>2,460,000</u>	Univ. Hos. Bld Usage <sup>5</sup>	\$ 13,000	Paying Patient Revenues
	2,460,000	ANTICIPATED PROJECT BUDGET		
<b>Subtotal</b>	<b>\$22,335,000</b>			
<b>TOTAL</b>	<b><u>\$24,831,000</u></b>			

<sup>1</sup> Board has previously granted permission to proceed with project planning.

<sup>2</sup> Board has approved the selection of an architect/engineer for the project; planning is proceeding.

<sup>3</sup> Board has approved the program statement for the project.

<sup>4</sup> Board has approved the selection of an architect/engineer to complete a feasibility study for the project.

<sup>5</sup> University Hospitals Building Usage Funds.

**TABLE 7**  
**IOWA STATE UNIVERSITY**  
**ACTIVE MAJOR (>\$1 MILLION) CAPITAL PROJECTS**  
**NOT YET UNDER CONSTRUCTION**  
(status shown by footnote)

<u>Project Categories/ Project</u>	<u>Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Estimated Annual Increased Operations &amp; Maint. (O&amp;M) Costs</u>	<u>Anticipated Source of O&amp;M Fund(s)</u>
<b>New Building Construction</b>				
Environmental Health and Safety / Regulated Materials <sup>1,2,3,4,5</sup>	\$ 6,000,000 <u>4,000,000</u>	Revenue Bond Proceeds Fac. Overhead Use Allow.		General Fund
(anticipated bid date of November 2003)	\$ 10,000,000	APPROVED PROJECT BUDGET	\$ 195,000	User Charges
University Family Housing Community Center <sup>1,2,3,4,5</sup>	\$ 1,300,000 <u>500,000</u>	Residence System Funds Treasurer's Tempor. Invest.		Res. System Rev.,
(scheduled to be bid in July 2003)	\$ 1,800,000	APPROVED PROJECT BUDGET	\$ 55,000	User Charges
Coover Hall Addition / Renovation <sup>1</sup>	\$ 15,600,000 <u>\$ 10,000,000</u>	Future Capital Appropriations Private Giving		General Fund
	\$ 26,600,000	ANTICIPATED PROJECT BUDGET	\$ 430,000	
<b>Subtotal</b>	<b>\$ 37,400,000</b>			
<b>Remodel/Renovation</b>				
Carver Hall Remodeling <sup>1</sup>	\$ <u>2,000,000</u> \$ 2,000,000	General University ANTICIPATED PROJECT BUDGET		
Morrill Hall Renovation <sup>1,2</sup>	<u>9,000,000</u> 9,000,000	Private Giving ANTICIPATED PROJECT BUDGET	\$ 149,000	General Fund
(anticipated to be bid in May 2004)				
General Classrooms and Auditoriums <sup>1,2,3,5,6</sup>	14,238,500	State Appropriations APPROVED PROJECT BUDGET	\$ 72,500	General Fund
(includes construction of new auditorium in LeBaron Hall)				
(LeBaron Auditorium anticipated to be bid in Mar. 2004, Physics Auditoriums anticipated to be bid in Nov. 2003)				
Memorial Union Renovation, Ph. 1 <sup>1,2</sup>	\$ 9,000,000	Revenue Bonds ANTICIPATED PROJECT BUDGET	\$ 61,000	Bookstore Revenues
(includes bookstore expansion)				
Friley Hall Renovation <sup>1</sup>	\$3 million to \$40 million	Residence System Funds ANTICIPATED PROJECT BUDGET		
Pearson Hall Remodeling <sup>1,2,3,5,6</sup>	2,161,761 <u>538,239</u> 2,700,000	General University Funds Treas. Temporary Invest. APPROVED PROJECT BUDGET		
<b>Subtotal<sup>7</sup></b>	<b>\$ 36,938,500</b>			
<b>Utility Improvements</b>				
Power Plant Turbine Generator #6 <sup>1,2</sup>	\$ <u>12,000,000</u> \$ 12,000,000	Utility Revenue Bonds APPROVED PROJECT BUDGET		
(anticipated bid dates of fall 2003)				
<b>Subtotal</b>	<b>\$ 12,000,000</b>			
<b>TOTAL<sup>7</sup></b>	<b>\$ 86,338,500</b>			

<sup>1</sup> Board has previously granted permission to proceed with project planning.

<sup>2</sup> Board has approved the selection of an architect / engineer; planning is proceeding.

<sup>3</sup> Board has approved the program statement.

<sup>4</sup> Board has approved the schematic design.

<sup>5</sup> Board has approved the project description and budget.

<sup>6</sup> Request for approval of the schematic design for portions of projects included on June 2003 docket.

<sup>7</sup> Does not include anticipated cost of Friley Hall Renovation.



**TABLE 8**  
**UNIVERSITY OF NORTHERN IOWA**  
**ACTIVE MAJOR (>\$1 MILLION) CAPITAL PROJECTS**  
**NOT YET UNDER CONSTRUCTION**  
(status shown by footnote)

<u>Project Categories/ Project</u>	<u>Estimated Project Cost</u>	<u>Anticipated Source of Construction Fund(s)</u>	<u>Estimated Annual Increased Operations &amp; Maint. (O&amp;M) Costs</u>	<u>Anticipated Source of O&amp;M Fund(s)</u>
<b>New Building Construction</b>				
McLeod Center <sup>1,2,3</sup> (anticipated bid date of late fall 2003 or spring 2004)	19,000,000 <u>500,000</u> 19,500,000	Private Funds City of Cedar Falls ANTICIPATED PROJECT BUDGET	\$ 285,465	Event Center Revenue
Human Performance Center <sup>1,2,3</sup> (anticipated bid date of late fall 2003 or spring 2004)	5,227,923 <u>1,772,077</u> 7,000,000	Private Funds Federal Funds ANTICIPATED PROJECT BUDGET	\$ 123,000	Space Rental, Program Fees, General Funds
Student Health Center Expansion / Renovation <sup>1,2</sup> (anticipated bid date of spring 2004)	3,500,000	Revenue Bonds ANTICIPATED PROJECT BUDGET	\$ 38,000	St. Health Cntr. Revenues
<b>Subtotal</b>	<b>\$30,000,000</b>			
<b>Remodel/Renovation</b>				
Gilchrist Hall Integrated Student Services Center <sup>1,2,5,6</sup> (anticipated bid date of late summer of 2003)	\$ 1,470,000	Refunding Bond Proceeds ANTICIPATED PROJECT BUDGET		
Innovative Teaching Center (East Gym Renovation) <sup>1,2,3,4,6</sup> (anticipated bid date of fall 2003)	18,100,000	Capital Appropriations ANTICIPATED PROJECT BUDGET		
<b>Subtotal</b>	<b>\$19,670,000</b>			
<b>Utility Deferred Maintenance</b>				
Electrical Distribution System, Phase II <sup>1,2</sup>	\$ 7,000,000 <u>300,000</u>	Future Capital Appropriations Information Network Reserves APPROVED PROJECT BUDGET		
<b>Subtotal</b>	<b>\$ 7,300,000</b>			
<b>TOTAL</b>	<b>\$56,870,000</b>			

<sup>1</sup> Board has previously granted permission to proceed with project planning.

<sup>2</sup> Board has approved the selection of an architect/engineer for the project; planning is proceeding.

<sup>3</sup> Board has approved the program statement for the project.

<sup>4</sup> Board has approved the schematic design for the project.

<sup>5</sup> Request for approval of the program statement and schematic design included on the June 2003 docket.

<sup>6</sup> Request for approval of the project description and budget on the June 2003 docket.

**TABLE 9**  
**STATUS REPORT**  
**PROJECTS WITH BUDGETS EXCEEDING \$1 MILLION**  
**FOR WHICH CONSTRUCTION IS SCHEDULED TO BE COMPLETED DURING FY 2004**

		<b>Approved Project Budget</b>
<b><u>University of Iowa</u></b>		
General University	Biological Sciences Renovation / Replacement - Phase 2	\$ 18,196,000
	Blank Honors Center	13,940,000
	Burge and Daum Residence Halls - Upgrade Fire Protection	5,377,000
	Finkbine Commuter Parking Lot - Construct Access Drive	1,881,000
	Gerdin Athletic Learning Center	4,600,000
	Medical Research Facility - Research Computed Tomography Scanner	1,675,000
	Old Capitol - Fire Restoration and Building Improvements Phase 1, Dome, Cupola, Roof	4,455,000
	Pentacrest - Install Primary / Secondary Electrical Ductbank	1,181,000
	Spence Laboratories of Psychology Renovation - Phase 2	3,615,000
	<b>Subtotal</b>	<b>\$ 54,920,000</b>
Hospitals and Clinics	Development of Replacement Perinatal and Obstetrical Patient Care Units - Levels 6, 7, and 8 JPP	\$ 18,800,000
	Development of Pre-Surgical Evaluation Clinic	1,662,500
	<b>Subtotal</b>	<b>\$ 20,462,500</b>
<b><u>Iowa State University</u></b>		
	Beardshear Hall Remodeling	\$ 8,524,000
	Roy J. Carver Co-Laboratory	18,498,000 <sup>1</sup>
	College of Veterinary Medicine - Biosecurity Unit	3,487,559
	Engineering Teaching and Research Complex <sup>2</sup>	63,660,000
	Extension 4-H Youth Building	4,700,000
	Gilman Hall Systems Upgrade	11,031,000
	Gerdin Business Building	25,075,000
	Hamilton Hall Renovation	2,150,000
	Indoor Multipurpose Use and Training Facility	9,696,800
	Mackay Hall - FSHN Laboratory Renovation - Phase 3	1,420,000
	North Campus Child Care Facility	2,000,000
	Structured Parking - East Parking Deck	3,115,000
	Telecommunications - Inside Plant Systems Upgrade - Phase 3	4,200,000
	Union Drive Community Center	15,440,000
	Utilities - North Campus Chilled Water Plant	13,000,000
	<b>Subtotal</b>	<b>\$ 185,997,359</b>
<b><u>University of Northern Iowa</u></b>		
	McCollum Science Hall Addition	\$ 16,900,000
	Steam Distribution System Replacement, Phase 1	12,700,000
	<b>Subtotal</b>	<b>\$ 29,600,000</b>
	<b>TOTAL</b>	<b>\$ 290,979,859</b>

<sup>1</sup> Includes Greenhouse and Lower Level Buildout.

<sup>2</sup> Total project budget; Phase 1 previously complete; construction of Hoover Hall to be completed in FY 2004.

**TABLE 10**  
**STATUS REPORT**  
**PROJECTS WITH BUDGETS EXCEEDING \$1 MILLION**  
**FOR WHICH CONSTRUCTION IS SCHEDULED TO CONTINUE THROUGHOUT FY 2004**

		<b>Approved Project Budget</b>
<b><u>University of Iowa</u></b>		
General University	Adler Journalism and Mass Communication Building	\$ 16,762,000
	Art Building, Phase 1	20,483,000
	Burge Hall - Remodel Food Service Area	14,400,000
	Carver Biomedical Research Building	40,731,000
	Mayflower Residence Hall - Replace Piping	15,000,000
	Mayflower Residence Hall - Replace Windows	1,996,000
	Medical Laboratories - Cancer Biology & Immunology Renovation	5,599,900
	Currier Residence Hall - Renovate Restrooms, Phase 3	1,059,900
	Rienow / Quadrangle Residence Halls - Upgrade Fire Protection	3,858,000
	<b>Subtotal</b>	<b>\$ 119,889,800</b>
Hospitals and Clinics	Center of Excellence in Image-Guided Radiation Therapy and 3-Story Building above the Center of Excellence	\$ 39,644,000
	<b>Subtotal</b>	<b>\$ 39,644,000</b>
<b><u>Iowa State University</u></b>		
	<b>Buchanan Hall Renovation</b>	<b>\$ 12,150,000</b>
	Union Drive Suite Building 2	19,992,000
	<b>Subtotal</b>	<b>\$ 32,142,000</b>
<b><u>University of Northern Iowa</u></b>		
	Maucker Union / Center for Multicultural Education Renovation / Expansion	\$ 13,000,000
	Towers Center Improvements	8,500,000
	<b>Subtotal</b>	<b>\$ 21,500,000</b>
	<b>TOTAL</b>	<b>\$ 213,175,800</b>

## **APPENDIX B PROCEDURES FOR CAPITAL PROJECTS\***

The following capital procedures reflect the revised Policy Manual Chapter 9 approved by the Board in January 2003.

### **PERMISSION TO PROCEED WITH PROJECT PLANNING**

Institutional exhibit includes a justification and identification of the program to be accommodated by the project, and alternatives to the proposed course of action. The estimated cost of the project and the probable source of funds are included.

Approval by Board: All projects estimated to cost \$1 million or more.

### **ARCHITECT / ENGINEER AGREEMENT**

Approval by Board: Agreements for all projects estimated to cost \$1 million or more.

### **PROGRAM STATEMENT**

A program statement describes the programs or activities, functions, relationships and space needs of a new or renovated facility.

Approval by Board: New building or renovation projects estimated to cost \$1 million or more.

### **SCHEMATIC DESIGN DOCUMENT**

The schematic design, which is developed from the building program, reflects the general functional characteristics and architectural requirements of the project. Included are the proposed layout of spaces within the building and proposed building elevations.

Approval by Board: New building or renovation projects estimated to cost \$1 million or more.

### **PROJECT DESCRIPTION AND BUDGET**

The project description and budget includes a brief history of the project, a description of the scope of the project, and a preliminary budget. Changes in project budgets are also brought forward for Board approval.

Approval by Board: All projects with budgets of \$250,000 or more.

\* For projects with an anticipated budget less than \$1 million, there are fewer procedural steps and more responsibilities are delegated to the institutions and the Board Office.