

MEMORANDUM

To: Board of Regents
From: Board Office
Subject: Preliminary Five-Year Capital Improvement Plans, FY 2004 - FY 2008
Date: July 8, 2002

Recommended Actions:

1. Consider the Board Office preliminary recommendation of \$368.7 million for the Five-Year State-Funded Capital Program for FY 2004 - FY 2008 (Table 1);
 2. Consider the Five-Year Program (FY 2004 - FY 2008) of \$158.8 million for the University of Iowa Hospitals and Clinics to be funded by Hospital Building Usage Funds and Hospital Revenue Bonds (Table 3); and
 3. Receive the report on FY 2004 - FY 2008 capital plans of \$276.4 million for the universities, special schools and Lakeside Laboratory to be funded by sources other than capital appropriations, Academic Building Revenue Bonds, UIHC Building Usage Funds or Hospital Revenue Bonds (Table 4).
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Executive Summary:

- | | |
|--------------------------|--|
| Three Five-Year
Plans | Three five-year capital plans for the period FY 2004 - FY 2008 are included in this docket memorandum: <ol style="list-style-type: none">a. Five-year capital program to be funded by capital appropriations (including projects to be funded by the State's tax-exempt tobacco bond proceeds) or Academic Building Revenue Bonds;b. University of Iowa Hospitals and Clinics Five-Year Program to be funded by Hospital Building Usage Funds and Hospital Revenue Bonds; andc. Capital programs of the universities, special schools and Lakeside Laboratory to be funded from other sources of funds (excludes requested capital appropriations and projects at the University of Iowa Hospitals and Clinics). |
|--------------------------|--|

The institutions submitted all-funds five-year capital plans (FY 2004 – FY 2008) totaling \$1.1 billion.

State Funded Five-Year Plan

Requested State Funding Of the \$1.1 billion, the universities, special schools and Lakeside Laboratory requested funding from the state in the amount of \$582.8 million, which would be combined with \$90.4 million in other resources, including private (gift) funds for the projects (Table 2).

Preliminary Recommendation The Board Office preliminary recommendation for the Five-Year Capital Priority Plan to be funded by capital appropriations or Academic Building Revenue Bonds is \$368.7 million, with \$79.9 million in private or other funds (Table 1).

The \$368.7 million recommendation does not include a dollar amount for the UNI – Price Laboratory School Renovation / Addition although a “placeholder” has been included in FY 2005. Until the University makes its report to the Board in late fall 2002 and the Board acts upon the University’s recommendation, it would be premature to include a specific capital recommendation.

The Board Office preliminary recommendation focuses on correcting fire and environmental safety and deferred maintenance issues (consistent with the recommendation for the FY 2004 budget request – see G.D. 10), renovation of facilities, and improvements to campus infrastructure. Recommendations for new space have been based upon programmatic justification.

FY 2003 – FY 2007 Comparison Last year, the institutions requested funding of \$485.3 million and the Board recommended a Five-Year Plan for state funds (FY 2003 – FY 2007) of \$314.9 million.

- The total amount recommended for the FY 2004 – FY 2008 Five-Year Plan for state funds is higher than the FY 2003 – FY 2007 Plan due in part, to the increased recommendation for funds to correct fire and environmental safety deficiencies and deferred maintenance.
- The following table provides a summary of the recommended funding:

	Fire & Environmental Safety / Deferred Maintenance Rec. (\$000's)	Projects Rec. (\$000's)	Total Rec. (\$000's)
FY 2003 – FY 2007	\$41,965	\$272,885	\$314,850
FY 2004 – FY 2008	73,948	312,800	368,748

UIHC Five-Year Plan

The University of Iowa Hospitals and Clinics Five-Year Capital Program (FY 2004 - FY 2008) will be financed by patient-generated funding and Hospital Revenue Bonds as authorized by the 2002 General Assembly and approved by the Governor.

Approvals	UIHC plans to request approvals of \$158.8 million in projects during the FY 2004 – FY 2008 period.
Previously Listed Projects	Of this amount, \$64.7 million have been included in University of Iowa Hospitals and Clinics five-year capital programs previously submitted to the Board.
New Projects	Projects not previously listed include completion of the shell space to be constructed above the Center of Excellence in Image-Guided Radiation Therapy, floor covering replacement projects, infrastructure enhancements and upgrades, hospital wide roof replacements, and refurbishing of Carver Pavilion inpatient units.
All projects listed on the five-year plan will be brought forward for specific project approval as required by Board procedures.	

Other Funds

The institutional five-year program (FY 2004 – FY 2008) to be financed from sources other than state-funded requests, UIHC revenue or UIHC bonds totals \$276.4 million.

- Included are projects for the residence, parking, utility and telecommunications systems, as well as improvements to be undertaken with operating general funds.
- This plan does not include any projects which were included on the FY 2003 capital improvement plan presented to the Board in June although construction of many of the projects included on the FY 2003 plan may not commence until FY 2004.

The projects listed on Table 4 are subject to further review and availability of funding and specific project approval by the Board.

Strategic Plan:

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

Background:

Development of the three, five-year capital programs is consistent with the Board's Policy Manual and the Iowa Code.

Section 9.02 (B2) of the Board's Policy Manual requires all-funds, five-year building programs to be presented to the Board in July of each year. These programs are to include projects to be funded from all sources of funds.

The Iowa Code requires the Board to submit a Five-Year, State-Funded Building Program to the General Assembly at the beginning of each legislative session.

Analysis:

State-Funded Capital Program: FY 2004 - FY 2008

Total Recommendation The Board Office preliminary recommendation is for a five-year capital improvement program of \$368.7 million (Table 1, page 10) funded by capital appropriations (including appropriations from the tax-exempt bond proceeds restricted funds account of the tobacco trust fund) or Academic Building Revenue Bonds. In addition, private and other funds totaling \$79.9 million would help finance the projects.

Top Priority The first priority in each of the fiscal years of the five-year plan is funding for correction of fire and environmental safety deficiencies and deferred maintenance.

- The latest fire and environmental safety report (November 2001) indicated that the institutions estimated a need for \$11.3 million to correct deficiencies identified by the State Fire Marshal and institutional personnel.
- In November 2001, as part of the governance report on deferred maintenance, the institutions reported a total of \$146.4 million in deferred maintenance including:
 - \$88.1 million in individual projects in general fund buildings and utilities; and
 - \$58.3 million in components of major renovations included on the Five-year Plan approved by the Board in September 2001.

The magnitude of the documented deferred maintenance, the impact of the FY 2002 operating budget building repair fund reduction on campus facilities, and the importance that the Board places on its stewardship of resources, has led the Board Office to recommend funding to correct these deficiencies as the number one priority in each year of the Five-Year Plan.

Fire Safety / Deferred Maintenance Funding

The \$74 million recommended for the five-year period is insufficient to correct all the deficiencies previously identified. As discussed in detail in G.D. 10 – Capital Budget Requests for FY 2004, the significant reductions in operating budgets for both FY 2002 and FY 2003 impact building repair funds and are likely to increase the amount of deferred maintenance, which will be reflected in the next governance report to be presented later this fall.

Projects

The recommendations for project funding focus on academic / instructional facilities, reflect institutional strategic planning, and identify and provide for critical needs related to the missions of each institution.

The capital improvement requests for state funds and Board Office preliminary recommendations for the FY 2004 – FY 2008 Plan are summarized below:

<u>Institution</u>	<u>Total Request (\$ thousands)</u>	<u>Total Recommendation (\$ thousands)</u>
SUI	\$226,800	\$143,000
ISU	239,500	139,300
UNI	110,500	82,500
ISD	4,325	2,175
IBSSS	910	1,000
Regents/Lakeside Lab	<u>773</u>	<u>773</u>
Total	\$582,808	\$368,748

Comparison with Prior Institutional Requests

The institutional five-year state capital requests (FY 2004 – FY 2008) are generally consistent with the requests presented last year (FY 2003 – FY 2007). Some of the more significant changes are as follows:

University of Iowa

The University requested funding for Art Building, Phase II (equipment and site improvements for the new building and remodeling of the existing building) and Oakdale Laboratory Renovations in FY 2004 of the FY 2003 – FY 2007 Plan.

- Funding for these two projects is requested in FY 2006 of the FY 2004 – FY 2008 Plan.
- The University reports that the change in its request for the Art Building, Phase II project is due to the delay in construction of the new Art Building.
- The result of these changes is that the University's top priority after renovation of the Chemistry Building is construction of Medical Education and Biomedical Research Facility – Building C, for which \$17.1 million are requested in FY 2005. These funds would be matched with \$29.9 million in other funds.

The University has added a request (\$16 million) for funding of Library System Renovations / Expansion in FY 2008.

Iowa State University

The University has made a number of changes to its requested five-year plan, some of which are:

- A request for funding (\$9.5 million in FY 2005) for a College of Design Addition has been added;
 - The project scopes for the Veterinary Teaching Hospital / Diagnostic Laboratory and the Plant Sciences have been increased due to completion of feasibility studies;
 - The private funding associated with the Coover Hall, Information Sciences project (University's #1 priority) has been reduced from \$15 to \$10 million as a result of a fundraising feasibility study; and
 - State funds are no longer requested for the renovation of Morrill Hall; this project was listed on the University's FY 2003 capital plan presented to the Board in June 2002, with funding from private giving.
-

University of Northern Iowa

The University has substituted, in its priority ranking, the Sciences Buildings Renovation, Phase I project for the Renovation of Price Laboratory School and the Commons Renovation.

- The Science Building Renovation project is part of the phased program to construct new and renovate the existing science buildings. The Phase I renovation project would remodel the Physics Building and the central greenhouse, and plan for the renovation of McCollum Science Hall as well as construct the shell space for the fourth floor addition to this facility.

The University has also reprioritized some of the other requested renovation projects.

Board Office Review, Recommendation

The Board Office has reviewed the changes to the institutional plans described above, and other proposed changes, and has incorporated many of these modifications into the Board Office preliminary recommendation.

The first year of the FY 2004 – FY 2008 Capital Plan becomes the Board's FY 2004 capital budget request. (See G.D. 10.)

The Board Office will review and discuss the projects, priorities and dollar amounts recommended for all years of the Plan with the institutions prior to the September Board meeting.

Table 2 (pages 11 to 14) provides a comparison by fiscal year of institutional requests and the Board Office preliminary recommendations. In some instances, funding is recommended in a fiscal year different than the year in which it was requested.

It is recommended that lower priority institutional projects be deferred into the out - years. Projects requested but not recommended for inclusion in the FY 2004 - FY 2008 Five-Year Plan are identified on Table 2.

The Board Office preliminary recommendation for the Five-Year Plan is realistic in light of projected available revenue and addresses relative needs among the institutions.

Approval of this five-year capital program does not constitute approval of specific projects but is an estimate of future capital needs. Descriptions of the projects are included in the Regent Exhibit Book.

University of Iowa Hospitals and Clinics Capital Program: FY 2004 – FY 2008

Requested Plan The Board Office preliminary recommendation includes the University of Iowa Hospitals and Clinics five-year requested plan of \$158.8 million (Table 3, pages 15 to 19) to be financed with patient-generated revenues or Hospital Revenue Bonds.

- SF 2168 of the 2002 Legislative Session authorizes the Board to issue \$100 million of Hospital Revenue Bonds over a period of years.

Project Type The projects for which approvals would be requested during the FY 2004 – FY 2008 period can be summarized by type, as follows:

	<u>(\$ Thousands)</u>
Fire & Environmental Safety Resolution	\$ 7,254
New Construction (completion of shell space)	29,148
Remodeling/Renovation	<u>122,413</u>
Total	\$158,815

New Construction The capital program includes the completion of shell space above the Center for Excellence in Image-Guided Radiation Therapy.

- The University of Iowa July 2002 Capital Register includes a request for permission to proceed with construction of the shell space.
- The estimated cost to complete the three levels of shell space is \$19.3 million.

The three other new construction projects, for which the five-year dollar total is \$9.8 million, have appeared on UIHC previous five-year plans. These are:

- Development of Geriatric and other Internal Medicine Clinics (completion of shell space on the 4th level of Pomerantz Family Pavilion);
- Development of Hospital Support Facilities (completion of shell space on the 5th level of Pomerantz Family Pavilion); and
- Construction of Overhead Walkway to UIHC Patient & Visitor Parking Ramp I.

Remodeling / Renovation

The remodeling / renovation projects include utility distribution upgrades and corridor refurbishments; energy conservation measures; heating, ventilating and air-conditioning projects; and elevator replacements in addition to projects which will remodel space vacated by the units moving to the Pomerantz Family Pavilion.

Cash Flows

The plan for new FY 2004 – FY 2008 projects, by fiscal year cash flow, is as follows:

(\$ thousands)					
<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>Total</u>
\$9,933	\$25,748	\$41,000	\$38,281	\$43,853	\$158,815

The total FY 2004 – FY 2008 cash flow, including projects previously approved by the Board or for which approval will be requested in FY 2003 is as follows:

(\$ thousands)					
<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>Total</u>
\$73,924	\$53,884	\$45,980	\$42,220	\$43,853	\$259,861

All new projects on the five-year plan will be brought forward for specific project approval, as required by Board procedures.

Other-Funds Five-Year Capital Plans: FY 2004 – FY 2008

Table 4 (pages 20 to 23) provides a summary of institutional major building needs to be funded by sources other than state capital funds or UIHC funds (including UIHC bonds).

- Sources of Funds Other fund sources include: operating budget building renewal funds, income from treasurer's temporary investments, auxiliary service or enterprise bond funds (utility, telecommunications and residential systems), Iowa Department of Transportation institutional roads program, gifts and grants, and departmental renewal and replacement funds.
- Institutional Summary Amounts of other funds by institution and fiscal year are summarized below:

	(\$ thousands)					
	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Total
SUI	\$29,114	\$39,540	\$24,540	\$24,540	\$18,540	\$136,274
ISU	15,352	6,449	48,553	20,000	33,952	124,306
UNI	1,307	2,970	3,620	4,520	2,170	14,587
ISD	200	200	200	200	200	1,000
IBSSS	40	40	40	40	40	200
Lakeside	10	5	5	5	5	30
Total	\$46,023	\$49,204	\$76,958	\$49,305	\$54,907	\$276,397

The Board is asked to receive this section of the report; the proposed projects are subject to further review and availability of funding and specific project approval by the Board.

Joan Racki
Joan Racki

Approved:

Gregory S. Nichols
Gregory S. Nichols

TABLE 1
BOARD OF REGENTS, STATE OF IOWA
BOARD OFFICE PRELIMINARY RECOMMENDATIONS
FIVE-YEAR CAPITAL STATE-FUNDED PRIORITY PLAN
FISCAL YEARS 2004 THROUGH 2008
(\$ Thousands)

Inst.	Project	FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		TOTAL	
		Priority	Amount	Priority	Amount								
Regents	Fire Safety and Deferred Maintenance	(1)	\$ 14,937	(1)	\$ 14,635	(1)	\$ 14,914	(1)	\$ 14,535	(1)	\$ 14,827	\$ 73,948	\$ 73,948
ISU	Cover Hall, Information Science	(2)	15,600	(2)	7,000	(2)	4,200	(5)	7,900	(2)	18,000	15,600	25,600
UNI	Electrical Distribution Loop System / Load Break	(3)	19,900	(4)	2,600	(3)	19,400	(2)	8,000	(1)	1,000	7,900	7,000
SUI	Chemistry Building Renovation	(4)	5,700	(5)	5,200	(4)	8,000	(5)	17,100	(6)	3,400	5,200	32,000
ISU	Veterinary Teaching Hospital / Diagnostic Lab	(5)	5,700	(6)	2,600	(5)	4,000	(6)	3,400	(4)	14,600	(2)	40,000
UNI	Science Buildings Renovation, Phase 1	(7)	-----*	(8)	3,537	(2)	7,263	(7)	8,000	(3)	16,000	-----*	10,800
ISU	Snedecor Hall Addition and Remodeling	(9)	9,500	(10)	3,200	(10)	12,900	(8)	7,800	(5)	8,000	(6)	9,500
SUI	Med. Education & Biomed. Res. Fac.- Bldg. C	(10)	-----*	(10)	-----*	(10)	-----*	(7)	9,300	(7)	9,300	(7)	3,200
ISU	Plant Sciences Building	(11)	-----*	(11)	-----*	(11)	-----*	(8)	8,000	(4)	9,100	(8)	12,900
UNI	Price Laboratory School Renovation / Addition	(12)	-----*	(12)	-----*	(12)	-----*	(9)	7,600	(5)	10,300	(9)	32,000
SUI	Art Building, Phase II	(13)	-----*	(13)	-----*	(13)	-----*	(10)	7,800	(6)	1,200	(10)	9,600
ISU	College of Design Addition	(14)	-----*	(14)	-----*	(14)	-----*	(11)	9,300	(7)	1,100	(11)	7,800
UNI	Commons Renovation	(15)	-----*	(15)	-----*	(15)	-----*	(12)	8,000	(8)	8,000	(12)	9,300
UNI	Steam Distribution System Replacement, Phase II	(16)	-----*	(16)	-----*	(16)	-----*	(13)	8,000	(4)	9,100	(13)	12,900
SUI	Seashore Hall Remodeling	(17)	-----*	(17)	-----*	(17)	-----*	(14)	7,600	(5)	10,300	(14)	9,900
UNI	Russell Hall Renovation	(18)	-----*	(18)	-----*	(18)	-----*	(15)	7,800	(6)	1,200	(15)	10,300
SUI	Oakdale Laboratory Renovation	(19)	-----*	(19)	-----*	(19)	-----*	(16)	9,300	(7)	1,100	(16)	1,200
UNI	Sabin Hall Renovation	(20)	-----*	(20)	-----*	(20)	-----*	(17)	8,000	(8)	8,000	(17)	1,100
SUI	Baker Hall Renovation	(21)	-----*	(21)	-----*	(21)	-----*	(18)	600	(9)	600	(18)	8,000
UNI	Pentacrest Renewal and HVAC Modernization	(22)	-----*	(22)	-----*	(22)	-----*	(19)	600	(10)	600	(19)	600
SUI	Agricultural and Biosystems Engineering	(23)	-----*	(23)	-----*	(23)	-----*	(20)	600	(11)	600	(20)	600
ISU	Industrial Technology Center Addition	(24)	-----*	(24)	-----*	(24)	-----*	(21)	600	(12)	600	(21)	600
UNI	Library System Renovations / Expansion	(25)	-----*	(25)	-----*	(25)	-----*	(22)	600	(13)	600	(22)	600
SUI	Science Building Renovation, Phase II	(26)	-----*	(26)	-----*	(26)	-----*	(23)	600	(14)	600	(23)	600
UNI	Science Building Renovation, Phase II	(27)	-----*	(27)	-----*	(27)	-----*	(24)	600	(15)	600	(24)	600
TOTAL												\$ 69,372	\$ 65,737
TOTAL												\$ 79,127	\$ 73,777
TOTAL												\$ 368,748	\$ 360,735
TOTAL												\$ 79,900	\$ 448,648

"No specific dollar amount recommended; awaiting completion of University study and recommendation to Board regarding Price Laboratory School programs.

TABLE 2
INSTITUTIONAL FIVE-YEAR STATE-FUNDED CAPITAL REQUESTS
AND BOARD OFFICE PRELIMINARY RECOMMENDATIONS
(**\$ thousands**)

	FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				
	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Inst. Request	Board Office Recomm.	Total Request	Total Recomm.									
UNIVERSITY OF IOWA																					
Chemistry Building Renovation																					
Med. Education & Biomed. Research Fac. - Bldg. C	\$ 24,100	\$ 19,900	\$ 17,100	\$ 17,100	\$ 4,200	\$ 7,900	\$ 7,900	\$ 7,900												\$ 32,000	\$ 32,000
Art Building, Phase II					3,537	10,800	7,263	10,800												\$ 17,100	\$ 17,100
Seashore Hall - Wing Replacement and Renovation						16,000	8,000	8,000												10,800	10,800
Oakdale Laboratory Renovations						7,800														32,000	32,000
University Services Building - Phase II*																				7,800	7,800
Pentacrest Renewal and HVAC Modernization																				17,000	0
Library System Renovations / Expansion																				10,300	10,300
Steam Distribution Infrastructure*																				8,000	8,000
Power Plant - East Egress Steam Tunnel*																				5,000	0
Power Plant - Second Ash Silo*																				1,800	0
Construct East Campus Chilled Water Plant*																				1,400	0
15 KV East Campus Loop K*																				17,100	0
West Campus Chilled Water Plant Expansion*																				1,000	0
Subtotal	\$ 57,600	\$ 19,900	\$ 19,100	\$ 24,837	\$ 44,900	\$ 23,163	\$ 30,100	\$ 15,800	\$ 50,100	\$ 34,300	\$ 20,800	\$ 118,000									
Fire and Environmental Safety																					
Building Deferred Maintenance																					
Subtotal	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000									
TOTAL	\$ 62,600	\$ 24,900	\$ 24,100	\$ 29,837	\$ 49,900	\$ 28,163	\$ 35,100	\$ 20,800	\$ 55,100	\$ 39,300	\$ 226,800	\$ 143,000									

*Not included in Board Office preliminary recommendation.
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TABLE 2
INSTITUTIONAL FIVE-YEAR STATE-FUNDED CAPITAL REQUESTS
AND BOARD OFFICE PRELIMINARY RECOMMENDATIONS
(\$ thousands)

		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008	
	Inst. Request	Board Office Recomm.	TOTAL REQUEST								
IOWA STATE UNIVERSITY											
Coover Hall, Information Science	\$ 15,600	\$ 15,600	\$ 4,000	\$ 2,600	\$ 7,000	\$ 8,000	\$ 18,000	\$ 19,400	\$ 18,000	\$ 18,000	\$ 15,600
Veterinary Teaching/Diagnostic Lab											40,000
Snedecor Hall Addition and Remodeling	1,000		4,000	4,000	36,000	3,400					8,000
Plant Sciences Building											8,000
College of Design Addition											40,000
Agricultural and Biosystems Engineering											40,000
Livestock Units for Swine and Cattle Research*											9,500
Gillman Hall - Phase IV*											1,200
Family and Consumer Sciences*											1,200
Subtotal	\$ 20,600	\$ 18,200	\$ 20,500	\$ 21,500	\$ 54,000	\$ 22,800	\$ 33,700	\$ 32,600	\$ 45,700	\$ 19,200	\$ 174,500
Fire and Environmental Safety	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 5,000
General University Deferred Maintenance	11,000	4,000	11,000	4,000	11,000	4,000	11,000	4,000	11,000	4,000	20,000
Subtotal	\$ 13,000	\$ 5,000	\$ 25,000								
TOTAL	\$ 33,600	\$ 23,200	\$ 33,500	\$ 26,500	\$ 67,000	\$ 27,800	\$ 46,700	\$ 37,600	\$ 58,700	\$ 24,200	\$ 239,500
											\$ 139,300

*Not included in Board Office preliminary recommendation.

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TABLE 2
INSTITUTIONAL FIVE-YEAR STATE-FUNDED CAPITAL REQUESTS
AND BOARD OFFICE PRELIMINARY RECOMMENDATIONS
(\$ thousands)

		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008	
	Inst. Request	Board Office Recomm.	TOTAL REQUEST								
	Inst. Request	Board Office Recomm.	TOTAL RECOMM.								
UNIVERSITY OF NORTHERN IOWA											
Electrical Distribution Loop System / Load Break Switches	\$ 7,000	\$ 7,000	\$ 5,700	\$ 5,700	\$ 13,400	\$ 5,200	\$ 3,200	\$ 12,900	\$ 12,900	\$ 12,900	\$ 7,000
Science Building Renovation, Phase I											10,900
Price Lab School Renovation/Addition											10,900
Commons Renovation											---
Steam Distribution System Replacement, Phase II											3,200
Russell Hall Renovation											3,200
Sabin Hall Renovation											3,200
Baker Hall Renovation											3,200
Industrial Technology Center Addition											3,200
Science Building Renovation, Phase II											3,200
Subtotal	\$ 17,900	\$ 12,700	\$ 16,600	\$ 8,400	\$ 20,500	\$ 12,900	\$ 20,900	\$ 17,700	\$ 19,600	\$ 10,800	\$ 95,500
Building Deferred Maintenance	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 3,000	\$ 4,000	\$ 62,500
Subtotal	\$ 3,000	\$ 4,000	\$ 62,500								
TOTAL	\$ 20,900	\$ 16,700	\$ 19,600	\$ 12,400	\$ 23,500	\$ 16,900	\$ 23,900	\$ 16,900	\$ 22,600	\$ 14,800	\$ 110,500
											\$ 82,500

*Not included in Board Office preliminary recommendation.

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TABLE 2
INSTITUTIONAL FIVE-YEAR STATE-FUNDED CAPITAL REQUESTS
AND BOARD OFFICE PRELIMINARY RECOMMENDATIONS
(**\$ thousands**)

Inst.	Board Office Request	FY 2004		FY 2005		FY 2006		FY 2007		FY 2008	
		Inst. Request	Board Office Recomm.								
IOWA SCHOOL FOR THE DEAF											
Utility System Replacement	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 250	\$ 1,250
Tuckpointing / Deferred Maintenance	\$ 185	\$ 185	\$ 185	\$ 185	\$ 185	\$ 185	\$ 185	\$ 185	\$ 185	\$ 185	\$ 925
Air Conditioning - Boys Residence & Giangreco Hall*	500	500	500	500	500	500	500	500	500	500	500
Vehicle Maintenance / Storage Center*											
Long Hall Penthouse Elevator*											
Girls Residence Elevator*											
Outdoor Learning Center & Barn Restoration*											
Fire Safety Standards*											
Total	\$ 935	\$ 435	\$ 935	\$ 435	\$ 585	\$ 435	\$ 1,035	\$ 435	\$ 855	\$ 435	\$ 4,325
IOWA BRAILLE AND SIGHT SAVING SCHOOL											
General Deferred Maintenance											
Fire Alarm System Upgrade / Replace*											
Total	\$ 100	\$ 200	\$ 200	\$ 200	\$ 120	\$ 200	\$ 245	\$ 200	\$ 245	\$ 200	\$ 910
REGENTS											
Lakeside Laboratory - Lab Renovations	\$ 302	\$ 302	\$ 302	\$ 302	\$ 279	\$ 279	\$ 192	\$ 192	\$ 192	\$ 192	\$ 773
Total	\$ 302	\$ 302	\$ 302	\$ 302	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 773
GRAND TOTAL	\$ 118,437	\$ 65,737	\$ 78,335	\$ 69,372	\$ 141,384	\$ 73,777	\$ 106,980	\$ 80,735	\$ 137,672	\$ 79,127	\$ 582,808
											\$ 368,748

TABLE 3
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2004 - FY 2008
FIVE-YEAR CAPITAL PROGRAM SUMMARY
(All Projects Contingent Upon Availability of Self-Generated UIHC Funding)
(\$ Thousands)

Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Five-Year Total	Source of Funds	
Fire & Environmental Safety Resolution								
Modify/Replace Non-Compliant Fire Door Components	300	400	250	\$ 160		1,110	9	
Installation of Addressable Fire Alarm System - Phase C (Support Areas)		92	673	\$ 782		2,333	9, 11	
Fire/Smoke Zone Compliance Upgrading JCP, JPP, PFP			400	400	250	1,050	9	
General Hospital Sprinkler Systems Improvements - Phase C			111	365	260	736	9	
Upgrade Security Equipment and Systems - Hospital-wide				500	625	1,125	9	
Fire Safety Equipment Enhancements					900	900	9	
Subtotal	\$ 300	\$ 492	\$ 1,434	\$ 2,211	\$ 2,817	\$ 7,254		
New Construction								
Pediatric Specialty Clinic Development in 3-Story Shell (Levels 1 and 2)	2,463	8,622	1,232			12,317	9, 11	
Ambulatory Care Clinic and Support Facilities in 3-Story Shell (Level 3)	1,407	4,925	703			7,035	9, 11	
Develop Geriatric, Other Internal Medicine Clinics, 4th Level, Pomerantz Family Pavilion		1,360	4,760	\$ 680		6,800	9	
Develop Hospital Support Facilities, 5th Level, Pomerantz Family Pavilion		309	1,082	155		1,546	9, 11	
Construct Overhead Walkway to UIHC Patient & Visitor Parking Ramp I		450	700	300		1,450	9	
Subtotal	\$ -	\$ 3,870	\$ 15,666	\$ 8,477	\$ 1,135	\$ 29,148		
Remodeling/Renovation								
HVAC Upgrades and Energy Conservation	151	1,274	1,573	408		3,406	9, 11	
Carver Pavilion Inpatient Unit Relocation - Level 7	490	1,388	1,036			2,914	9	
Nursing Clinical Education Center	246	1,305	1,357			2,908	9	
Urology Clinic Renovation and Expansion	579	2,027	289			2,895	9, 11	
Development of Medical Intensive Care Step Down Unit	464	1,623	232			2,319	9	
Phased Floor Covering Replacement - Clinic Areas	350	400	470	480	500	2,200	9	
Phased Floor Covering Replacement - Inpatient Areas	350	375	395	410	425	1,955	9	
Patient Fiscal & Registration Service Office Renovation and Expansion	339	1,188	170			1,697	9	
Joint Office of Planning, Marketing and Communications Relocation	105	889	568			1,562	9	
Second Floor Colloton and Pappajohn Pavilions Corridor Utility Upgrade	689	808				1,497	9	
Phased Floor Covering Replacement - Public Areas	250	270	290	310	320	1,440	9	
Automated Off-Hour Utility Conservation - Phase G	56	510	630	164		1,360	9	
Elevator D Bank Vertical Expansion	100	540	365			1,005		

TABLE 3
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2004 - FY 2008
FIVE-YEAR CAPITAL PROGRAM SUMMARY
(All Projects Contingent Upon Availability of Self-Generated UIHC Funding)
(\$ Thousands)

Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Five-Year Total	Source of Funds
Remodeling/Renovation (continued)							
UIHC Exterior Security and Access Control Upgrade	300	300	397			997	9
Colloton Pavilion Window Refurbishment	32	144	474	337		987	9
General Hospital HVAC Upgrade - Phase A	550	400				950	9
Facilities Safety & Security Control Room & Operations Center - Phase 2	316	300	300			916	9
Phased Floor Covering Replacement - Office Areas	150	165	185	200	210	910	9
South East Addition Infrastructure Enhancements	750	150				900	9
Utility Pipe Replacement - West General Hospital	416	433				849	9
Staff Cafeteria Renovation	80	425	284			789	9
South Wing HVAC System Installation - Phase A	139	300	250			689	9
Painting and Vinyl Base Replacement, Public Areas	50	312	206			568	9
Radiology 3rd Floor Reading Room	100	424				524	9
Renovation of 7 JCE Inpatient Unit	100	423				523	9
Center for Disabilities & Development - Automated Off-Hour Utility Conservation	21	189	234	50		494	10
Family Housing Unit Development (4-South)	49	338	94			481	9
Pomerantz Family Pavilion K Bank Elevator	200	210				410	9
Refurbishing Air Handling Units for Automatic System Interface Control	409					409	9
Compass Café Renovation	41	206	138			385	9
3 BT Headwall Installation	384					384	9
Main Kitchen Renovation - Phase 1	200	158				358	9
Install Revolving Door in PFP Main Entrance	306					306	9
Install Revolving Door in JPP South Side	306					306	9
Creation of Additional Waiting Area in CT/Interventional Radiology	50	254				304	9
H.P. Smith Conference Room Refurbishment	30	162	109			301	9
Pediatric Office Room Enclosure	150	150				300	9
Forensic Autopsy Room / Storage	50	242				292	9
Restructuring South Wing Emergency Generator	260					260	9
Ambulatory Surgery Center (ASC) Pneumatic Tube Station Expansion	25	137	92			254	9
General Clinical Research Center Relocation	530	3,657	2,438			6,625	9,4
Roof Replacements - Hospital Wide	300	1,100	1,100	1,100		3,600	9
Carver Pavilion Inpatient Unit Renovation - Level 4	528	1,426	1,073			3,027	9
Development of Patient Discharge Service Center	477	1,668				2,383	

TABLE 3
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2004 - FY 2008
FIVE-YEAR CAPITAL PROGRAM SUMMARY
(All Projects Contingent Upon Availability of Self-Generated UIHC Funding)
(\$ Thousands)

Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Five-Year Total	Source of Funds
Remodeling/Renovation (continued)							
UIHC Utility Distribution Upgrade and Corridor Refurbishment - Level 1	761	1,127	413			2,301	9
General Hospital HVAC Upgrade - Phase B	169	556	395			1,120	9
General Hospital and Boyd Tower Chiller Replacement - Phase A	109	381	176			666	9
Center for Disabilities & Development - HVAC System Replacement - Phase C	93	281	200			574	10
Development of Expanded Ambulatory Renal Dialysis Suite	992	1,983	350			3,305	9
Carver Pavilion Inpatient Unit Renovation - Level 3	572	1,470	1,117			3,159	9,11
UIHC Utility Distribution Upgrade and Corridor Refurbishment - Level 3	55	586	704			1,345	9
General Hospital Elevator Replacement - Phase III	178	584	415			1,177	9
Automated Off-Hour Utility Conservation - Phase C	133	439	313			885	9,11
South Wing Elevator Replacement - Phase A	482	394				876	9
Hospital Building Upgrade for Compliance with Americans with Disabilities Act - Phase A	70	468	312			850	9
South Wing HVAC System Installation - Phase B	111	365	260			736	9
General Hospital and Boyd Tower Chiller Replacement - Phase B	89	393	208			690	9
Former Microbiology Laboratory Replacement	111	338	240			689	9
Window Replacement Carver Pavilion - Levels 1 and 8	345	275				620	9
UIHC Chilled Water System Infrastructure Upgrade	56	527				583	9
Ice Prevention at Carver, Colloton and Pomerantz Pavilions	60	519				579	9
Window Replacements - General Hospital and Adjoining Facilities	86	281	200			567	9
Center for Disabilities and Development - Chilled Water Infrastructure	226	265				491	10
Renovation of Former Pediatric Specialty Clinic - Level 2 JCP		808	3,232			4,040	9
Carver Pavilion Inpatient Unit Renovation - Level 6		1,187	2,084			3,271	9,11
Replacement of Healthcare Information Systems Computer Center & Support Facilities		250	2,390			2,640	9
Renovation of Diagnostic Imaging Laboratories to Accommodate New Technology		975	975			1,950	9
UIHC Utility Distribution Upgrade and Corridor Refurbishing - Level 4		793	648			1,441	9
South Wing Chilled Water Infrastructure		678	555			1,233	9
General Hospital HVAC Upgrade - Phase D		667	545			1,212	9
Colloton Pavilion Utility Infrastructure Replacement and Equipment		230	950			1,180	9
UIHC Exterior Building Wall Restoration and Upgrade		577	599			1,176	9
General Hospital HVAC Upgrade - Phase C		355	810			1,165	9
Closure of Pipe/Air Chases & Wall Breeches in South Wing		40	1,060			1,100	9
Upgrade and Expand Internal Wayfinding - Hospital-wide		400	590			990	

TABLE 3
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2004 - FY 2008
FIVE-YEAR CAPITAL PROGRAM SUMMARY
(All Projects Contingent Upon Availability of Self-Generated UIHC Funding)
(\$ Thousands)

Project	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Five-Year Total	Source of Funds
<u>Remodeling/Renovation (continued)</u>							
Replacement of General Hospital Water, Steam and Service Distribution Piping							9
Automated Off-Hour Utility Conservation - Phase E							9, 11
UIHC Utility Distribution Upgrade and Corridor Refurbishing - Level 5							9
General Hospital Chilled Water Infrastructure							9
General Hospital Steam Distribution Feeder Replacement							9
General Hospital HVAC Upgrade - Phase E							9
Automated Off-Hour Utility Conservation - Phase D							9, 11
Hospital Building Upgrade for Compliance with Americans with Disabilities Act - Phase B							9
Center for Disabilities and Development - Inpatient Unit Renovation							10
General Hospital First Level East Utilities and HVAC Upgrade							9
Replacement of Access Roadway Pavers and Snowmelt System							9
Center for Disabilities and Development - Window Replacement							9
Carver Pavilion Light Wall Window Refurbishment							10
Upgrade of Child Psychiatry Play Court	40						9
Carver Pavilion Inpatient Unit Renovation - Level 2							9
Expand Back-up Boiler Capacity for Inpatient Area							9
Automated Off-Hour Utility Conservation - Phase F							9
Chilled Water Piping, Convector and Ventilation Replacement							9, 11
UIHC Utility Distribution Upgrade and Corridor Refurbishing - Level 6							9
Pappajohn Pavilion Window Refurbishment							9
General Hospital HVAC Upgrade - Phase F							9
UIHC Utility Distribution Upgrade and Corridor Refurbishing - Levels 7 and 8							9
South Wing Elevator Replacement - Phase B							9
Chilled Water Piping, Convector and Ventilation Replacement - Phase A							9
Subtotal	\$ 9,633	\$ 21,386	\$ 23,900	\$ 27,593	\$ 39,901	\$ 122,413	
GRAND TOTAL	\$ 9,933	\$ 25,748	\$ 41,000	\$ 38,281	\$ 43,853	\$ 158,815	

TABLE 3
UNIVERSITY OF IOWA HOSPITALS AND CLINICS
FY 2004 - FY 2008
FIVE-YEAR CAPITAL PROGRAM SUMMARY
(All Projects Contingent Upon Availability of Self-Generated UIHC Funding)
(\$ Thousands)

Project						Five-Year Total	Source of Funds	
	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008			
NOTE: The "cutting edge" responsibility of the UIHC constantly brings about some revision in planning. While the foregoing enumeration includes all projects now envisioned for the FY 2004 - FY 2008 period, it is likely that the dynamics of clinical service-educational demands and corollary societal forces and accreditation/regulatory requirements will mandate other projects as time moves on. Furthermore, results of the master planning efforts that are now being implemented by the General University in support of the College of Medicine's initiative in the biosciences may cause the need for some revisions to this program. In accord with long-standing practice, any such changes will be fully documented for consideration and approval by the Board of Regents.								
Source of Funds Table:								
1 State Appropriation or Bonding Authorization								
2 General Fund Building Renewal								
3 Income from Treasurer's Temporary Investments								
4 Gifts and Grants								
5 Departmental Renewal and Replacement Funds								
6 Auxiliary Service or Enterprise Revenue Bonds								
7 Iowa DOT (Road Use Tax Funds)								
8 Student Health Fee								
9 University Hospital Building Usage Fund								
10 Center for Disabilities and Development Building Usage Fund								
11 UIHC Bonds								

TABLE 4
OTHER-FUNDS FIVE-YEAR CAPITAL PLANS
(\$ Thousands)

University of Iowa					Source of Funds	
	FY 2004	FY 2005	FY 2006	FY 2007		
Projects To Be Funded By Sources Other than Capital Appropriations, Academic Building Revenue Bonds, or UIHC Revenue or Bonds						
Capital Appropriations, Academic Building Revenue Bonds,						
Campus Repair and Improvements	\$ 500	\$ 700	\$ 700	\$ 700	\$ 700	
Deferred Maintenance	2,600	2,600	2,600	2,600	2,600	
Fire Safety Projects	500	700	700	700	700	
General Classroom / Laboratory Improvements	400	400	400	400	400	
Institutional Roads Program	614	640	640	640	640	
Parking System - Special Maintenance	2,000	2,000	2,000	2,000	2,000	
Residence Services Improvements & Replacements	4,000	4,000	4,000	4,000	5,000	
Residence Services Fire Safety	2,000	2,000	2,000	2,000	4,000	
Residence Services New Residence Hall	10,000	20,000	7,000	7,000	30,000	
Residence Services Renovate Slater Hall					6	
Telecommunications Improvements	3,000	3,000	3,000	3,000	14,000	
Utility Infrastructure Improvements	3,500	3,500	3,500	3,500	15,000	
Total - SUI	\$ 29,114	\$ 39,540	\$ 24,540	\$ 24,540	\$ 18,540	
Source of Funds Table:						
1 State Appropriation or Bonding Authorization	6 Auxiliary Service or Enterprise Revenue Bonds					
2 General Fund Building Renewal	7 Iowa DOT (Road Use Tax Funds)					
3 Income from Treasurer's Temporary Investments	8 Student Health Fee					
4 Gifts and Grants	9 University Hospital Building Usage Fund					
5 Departmental Renewal and Replacement Funds	10 Center for Disabilities and Development Building Usage Fund					
	11 University Hospital Revenue Bonds					

NOTES:

Restoration of the Old Capitol will continue under a multi-phased plan with the first phase in process at this time.

Projects under consideration for the West Campus, in addition to a new residence hall, include a branch student union and improved facilities for student cultural centers.

Kinnick Stadium south stands replacement and other improvements will likely be undertaken during the five-year period. Project scope and cost estimates are not available at this time.

University Hygienic Laboratory replacement is under consideration and represents a potential project during the five-year period.

TABLE 4
OTHER-FUNDS FIVE-YEAR CAPITAL PLANS
(\$ Thousands)

Iowa State University					<u>Source of Funds</u>
	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	
<u>Projects To Be Funded By Sources Other than Capital Appropriations or Academic Building Revenue Bonds</u>					
Substations Transformer	\$ 1,000				
Infrastructure - Plant Sciences Expansion		\$ 6,000			\$ 1,000
Power Plant - Material Handling Improvements		\$ 3,000	\$ 7,000		6,000
Basketball / Volleyball Practice Facility		\$ 14,000			10,000
Site Development (Includes Institutional Roads)			10,000		14,000
Alumni Association Building				10,000	10,000
Parking Structure				10,000	10,000
Inter-modal Transportation Facility				7,000	7,000
Memorial Union	7,500			15,000	15,000
Center for Visual Learning - LeBaron Hall	2,400	\$ 3,000			7,500
Jack Trice Stadium Renovation					3,400
Softball Stadium Renovation					4,000
Telecommunications	4,202	3,449	3,079	1,000	3,000
Residence System - New Construction				2,000	1,000
RCA and Food Service Study					4,682
Union Drive Suite 3					14,682
Total - ISU	\$ 15,352	\$ 6,449	\$ 48,553	\$ 20,000	\$ 33,952
					\$ 124,306

Source of Funds Table:

- 1 State Appropriation or Bonding Authorization
- 2 Building Renewal Funds
- 3 Income from Treasurer's Temporary Investments
- 4 Gifts and Grants
- 5 Departmental Renewal and Replacement Funds
- 6 Auxiliary Service or Enterprise Revenue Funds
- 7 Iowa DOT (Road Use Tax Funds)
- 8 Student Health Fee
- 9 Overhead Use Allowance

TABLE 4
OTHER-FUNDS FIVE-YEAR CAPITAL PLANS
(\$ Thousands)

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Five Year Total	Source of Funds
University of Northern Iowa							
Projects To Be Funded By Sources Other than Capital Appropriations or Academic Building Revenue Bonds							
Institutional Roads	\$ 307	\$ 320	\$ 320	\$ 320	\$ 320	\$ 1,587	7
Residence System							
College Courts Apartments Exterior	200	200	200	100	100	800	6
Regents Complex Truckpointing	400	400	725	300	300	2,125	6
Bartlett Hall Electrical Improvements		300	400			700	6
Campbell Hall Window Replacement		250			250	500	6
Deferred Maintenance / Fire Safety		400	875			1,275	6
Commons Dining Renovation				2,000		2,000	6
Noehren Hall Window Replacement				300	400	700	6
Shull Hall Window Replacement				400		400	6
Other		300	300	300	300	900	6
Maucker Union Improvements	50	50	50	50	50	250	9
Parking System							
South Art Parking Lot		400				400	10
Other			400	400	400	1,200	10
Building Repair							
Total - UNI	\$ 1,307	\$ 2,970	\$ 3,620	\$ 4,520	\$ 350	\$ 350	2
					\$ 2,170	\$ 1,750	
						\$ 14,587	

Source of Funds Table:

- 1 Capital Appropriation or Bonding Authorization
- 2 Building Renewal Funds
- 3 Income from Treasurer's Temporary Investments
- 4 Gifts and Grants
- 5 Departmental Renewal and Replacement Funds
- 6 Auxiliary Service or Enterprise Revenue Bonds
- 7 Institutional Roads Funds (Iowa DOT)
- 8 Student Health Fee
- 9 Maucker Union Funds
- 10 Parking Fees and Fines

TABLE 4
OTHER-FUNDS FIVE-YEAR CAPITAL PLANS
(**\$ Thousands**)

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	Five Year Total	Source of Funds
Iowa School for the Deaf							
Parking Lot Reconstruction & Tuckpointing	\$ 200	\$ 200					\$ 200 2
Interior Finishes & Tuckpointing			\$ 200				\$ 200 2
Dormitory Renovation				\$ 200	\$ 200		\$ 200 2
Academic Building Renovation					\$ 200		\$ 200 2
Academic Building Windows Replacement						\$ 200	\$ 200 2
Total - ISD	\$ 200	\$ 1,000					
Iowa Braille and Sight Saving School							
Deferred Maintenance	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40	\$ 40	\$ 200 2
Total - IBSSS	\$ 40	\$ 200					
Iowa Lakeside Laboratory							
Cottage Renovations	\$ 10	\$ 5	\$ 5	\$ 5	\$ 5	\$ 5	\$ 30 9
Total - Lakeside Laboratory	\$ 10	\$ 5	\$ 5	\$ 5	\$ 5	\$ 30	
GRAND TOTAL	\$ 46,023	\$ 49,204	\$ 76,958	\$ 49,305	\$ 54,907	\$ 276,397	

Source of Funds Table:

- 1 State Appropriation or Bonding Authorization
- 2 Building Renewal Funds
- 3 Income from Treasurer's Temporary Investments
- 4 Gifts and Grants
- 5 Departmental Renewal and Replacement Funds
- 6 Auxiliary Service or Enterprise Revenue Bonds
- 7 Iowa DOT (Road Use Tax Funds)
- 8 Student Health Fee
- 9 Projects funded directly from housing revenues