

**BOARD OF TRUSTEES
MINNESOTA STATE COLLEGES AND UNIVERSITIES**

BOARD ACTION

FY2008-2013 Capital Budget

BACKGROUND

The Minnesota State Colleges and Universities capital budget must be submitted as a multiyear plan to the Minnesota Department of Finance, Governor and Legislature in June 2007 consistent with the state's anticipated capital bonding program for the 2008 legislative session.

Guidelines for the System's FY2008-2013 capital budget were approved by the Board in June 2006 based on the Board's strategic plan. Capital budget guidelines were expanded and improved from previous years to strengthen the relationship between capital projects and academic programs and planning, as well as to emphasize stewardship of state buildings by appropriately managing existing campus space and physical plant infrastructure at colleges and universities. This stewardship emphasis was based on improving the physical condition of each academic building and campuses as a whole through reduction in the backlog of deferred maintenance and timely life-cycle renewal. New space would be added only when fully justified based on enrollment growth, programmatic needs, or obsolescence.

Colleges and universities have been engaged with the Office of the Chancellor staff over the last several years to update their campus long range master facilities plans and develop more detailed project scope and cost information (known as project predesigns) regarding specific capital projects contemplated for funding. These master plans include detailed information regarding the physical condition of facilities and the overall space and room utilization situations that would be improved through individual campus capital plans. Over 85 projects were presented from colleges and universities in the fall of 2006 that represent an integral part of each institution's master facilities plan and reflect the capital budget guidelines.

In January 2007, two separate groups of advisory teams reviewed these projects. Based on Board input from the previous biennium, an Academic Review Team was established. The Academic team was composed of 42 deans and academic administrators from all campuses and Office of the Chancellor academic staff. Their comments were then forwarded to the Project Advisory Team which was a broader based review team composed of 62 facilities, finance, academic and technology staff from all campuses and the Office of the Chancellor. Both these team reviews yielded comments and resulted in ranked projects in quartile groupings. Project documents, scoring information and other critical analysis from staff on past funding history, deferred maintenance conditions, space utilization, planning dynamics and enrollment information was provided to the Board in February.

The Finance and Facilities Committee of the Board held public hearings covering all major capital projects on March 7 and 20, 2007. Presidents or their designees presented 52 major capital and property acquisition projects plus 35 initiative projects. The major line-item projects totaled over \$287 million for FY2008 with a potential for follow-on work totaling \$411 million in 2010. Of that total, approximately \$190 million represented completion of projects funded in 2006 or earlier for design and/or phased construction with follow-on funding anticipated in 2008.

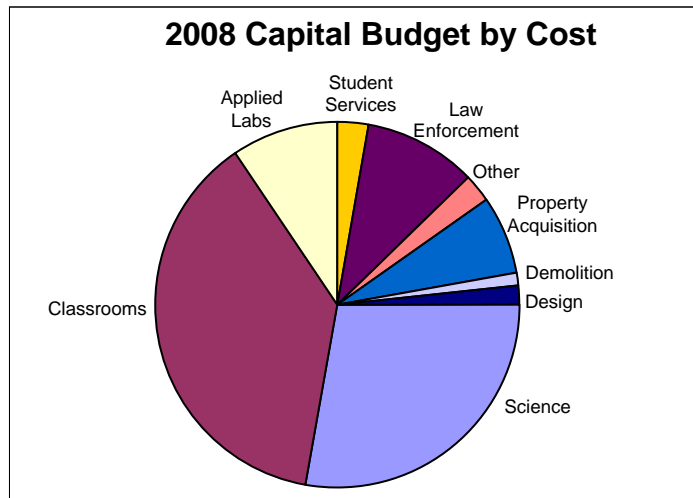
The proposed Capital Budget includes \$110 million for major repair and replacement projects under the Higher Education Asset Preservation and Replacement (HEAPR) program; and \$237.3 million in line-item projects, property acquisition and demolition. The request to the Legislature and Governor is for \$271 million in general obligation bond financing with \$76.3 million in debt service directly financed by the System and each college or university gaining a capital project. Total authorization is for \$347.3 million. See Attachment A. This list was distributed to the Leadership Council in April and discussed at their meeting on May 1, 2007. Attachment B contains a brief description of each project.

In addition to the major line-item capital projects that create the bulk of the capital budget request, there are smaller “Initiative” projects that impact one or two classrooms or laboratories, estimated under \$525,000 each. These smaller capital projects have been successfully funded in the last three biennia. In July, campuses submitted their potential list of 35 separate initiative projects in three categories: science lab renovations; demolition of obsolete space; and classroom innovation totaling \$19.5 million. Attachment A indicates the final 21 projects totaling \$12.2 million recommended for these three initiatives.

Acquisition of real property has been a part of the Capital Budget request for the last six biennia. Eight campuses submitted funding requests at \$13.1 million to purchase adjacent real property. Four of the eight requests carry over as unfunded from prior biennia. Both the real property acquisitions and the initiatives were reviewed by the same teams as the major capital projects.

Line-item projects totaling \$237.3 million in 2008 have programmatic impact as follows:

2008 Recommended Line Item Capital Projects	
Project Type	Cost
Science	\$ 65,975,000
Classrooms	\$ 89,305,000
Applied Labs	\$ 22,800,000
Student Services	\$ 6,400,000
Law Enforcement	\$ 23,900,000
Other	\$ 5,700,000
Property Acquisition	\$ 16,600,000
Demolition	\$ 2,830,000
Design	\$ 3,800,000



Projects and the priority list continue to follow prior year principles that reflect completing projects already started, either currently in design or in a “phased” approach to construction; recognizing projects in the construction queue for completion; and bringing on new projects either through design or design with a moderate amount of construction. Project priority numbers 2 through 20 are projects that had prior approval from the Board and Legislature; two of these projects continue with renovation components to be requested in 2010. Priority numbers 21, 22, 23, 25 and 26 are new projects that also include some construction in 2008. Four of these have renovation components in 2010. Priority numbers 24, 27 and 31 through 37 are for partial design in 2008 with an expected request for renovation and/or new construction

in 2010. Note that all projects programmed in 2010 have an expected target funding amount as shown on Attachments A and B.

CAPITAL BUDGET HISTORY AND SIZE

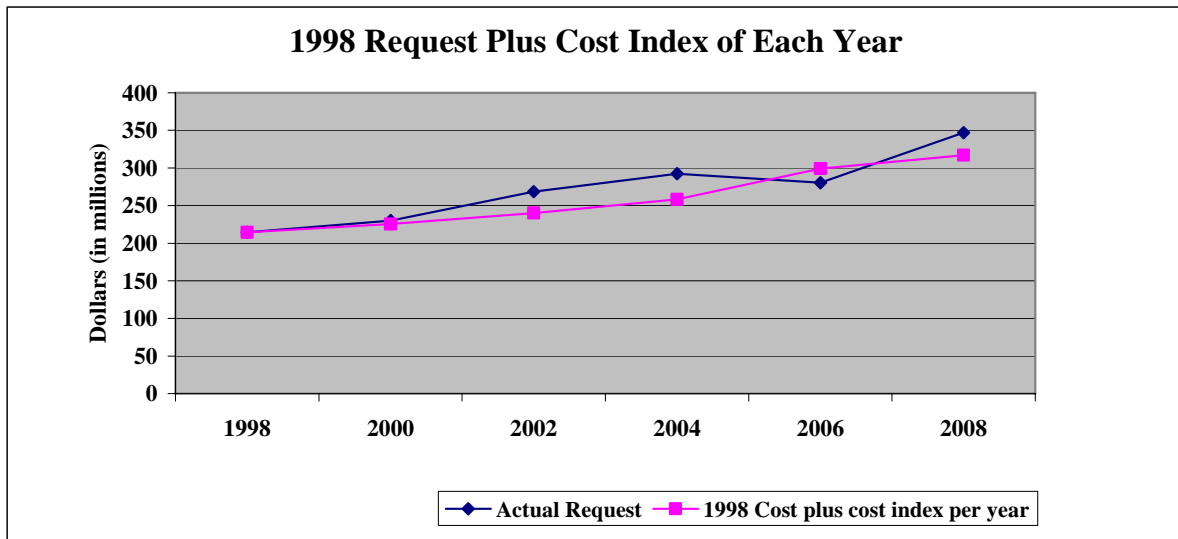
In approaching the 2008-2013 Capital Budget and particularly the funding request for the 2008 legislative session, it is useful to examine previous Capital Budget requests and final results:

	1996	1998	2000	2002/03	2004/05	2006
Capital Request (including HEAPR)	\$141.3	\$214.4	\$230.0	\$268.4	\$292.6	\$280.4
Enacted	\$ 84.2	\$143.1	\$131.1	\$218.6	\$213.6	\$191.4*
Funding Received (including HEAPR)	60%	67%	57%	81%	73%	68%

* Does not include \$11.0M for the Regional Event Center on the campus of Southwest Minnesota State University, Marshall.

These budget requests may appear to have grown in size from 1998. However, they have only kept up with construction inflation, which has lately been higher than the general rate of inflation. The chart below indicates the System request in 1998 of \$214.4 million inflated in each subsequent biennium compared to the System’s actual budget request. Construction cost index data was obtained from RS Means, 28th Annual Edition.

	1998	2000	2002	2004	2006	2008
Actual funding request	214.4	230	268.4	292.6	280.4	347
1998 request plus cost index per year	214.4	225.6	240	258.3	299.2	317
Percent increase of cost index from 1998	0.0%	5.2%	12.0%	20.5%	39.6%	48.2%

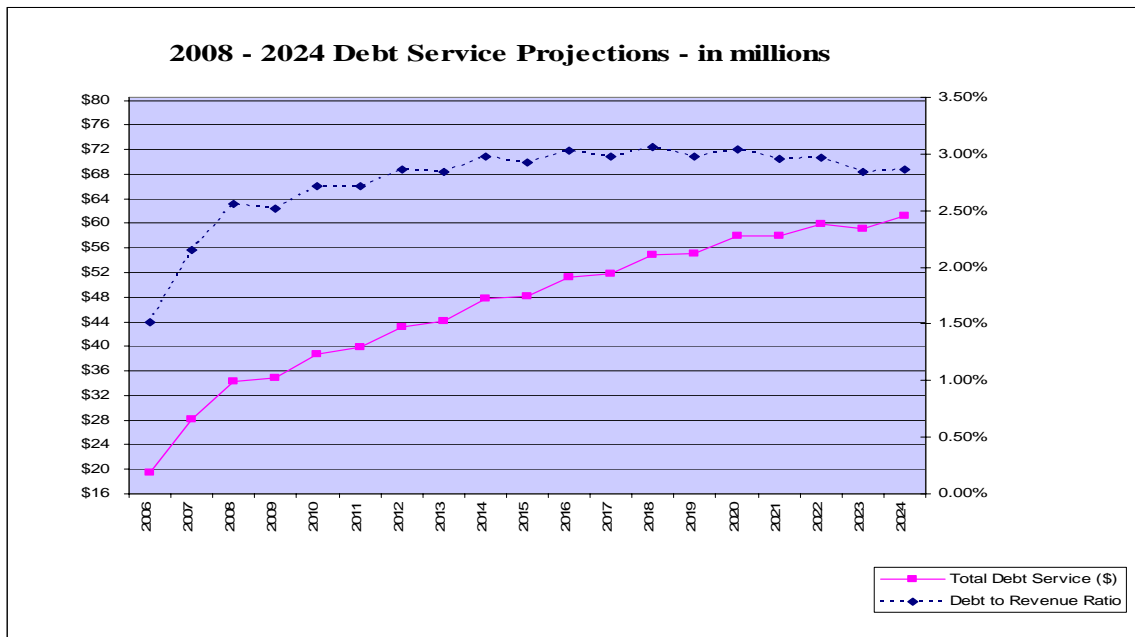


DEBT CAPACITY

In addition to the overall size of the capital budget, the amount of System and college/university debt must be considered. As noted above, this Capital Budget request will require the System and the gaining institutions to absorb an additional \$76.3 million of debt. Beginning in 1991, the higher education systems now comprising the Minnesota State Colleges

and Universities were required in session law to pay one-third of the debt service for projects funded by state general obligation bonds. Only the University of Minnesota and the Minnesota State Colleges and Universities have this requirement within the state bonding process. In 1996, the Board determined that half of the one-third would be passed on to the individual institutions that were receiving the benefit of the capital appropriation with the remaining half absorbed throughout the System. HEAPR projects do not incur debt for the System or campuses.

Each campus in its written project narrative and in public testimony discussed and confirmed their ability to pay this one-sixth debt obligation. Based on current and proposed debt (which is based on similarly sized future capital budgets), and using a conservative 3% growth in revenue, the system can absorb the proposed additional debt and still be under the self-prescribed 3% limit of debt service to general operating revenue. The chart below indicates the average debt-to-revenue ratio is 2.76% and the highest ratio is 3.06%.



CAPITAL RENEWAL AND REINVESTMENT

A critical part of the capital budget is the overarching principles established by the System’s Strategic Plan. Within the Strategic Plan, there is broad direction to provide new space when necessary and improve existing space and supporting facilities to further the academic goals of the System. New facilities respond to enrollment growth as well as the need to replace obsolete space where renovation is not feasible. In addition, the Strategic Plan requires good stewardship of the state’s physical resources. A method of monitoring that stewardship of campus facilities is through use of the Facilities Renewal and Reinvestment Model (FRRM).

The FRRM is a tool for evaluating existing conditions based on life cycle analysis of campus buildings and infrastructure, as well as predicting future building systems renewal requirements. The Facilities Condition Index (FCI) is a nationally accepted measurement to evaluate the size of the backlog of maintenance and repair for specific buildings as well as an entire campus. FCI is the amount of deferred maintenance (backlog) divided by the replacement cost of either a single building or a campus. In 2006, the system-wide backlog was estimated to be \$646 million; the system-wide FCI was calculated as 0.13. Seen another

way, an FCI of 0.13 says that the backlog of necessary yet unaccomplished work is 13% of the value of all college and university facilities.

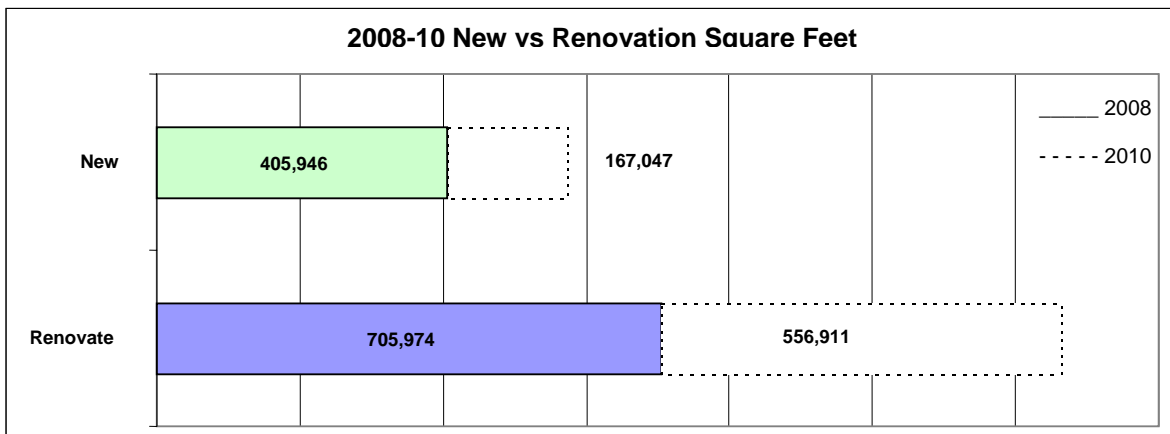
Backlog and FCI data for 2007 are currently being reviewed. At this juncture, it is clear that some of the expected benefits from the 2005 and 2006 capital appropriations for repairs and renovation have not impacted the backlog or FCI since much of that work is still underway. Nevertheless, it appears that the System FCI is holding steady at 0.13. Thus, we might conclude that the growth in the backlog has stabilized. While this is encouraging, this and future capital budgets must continue to focus on maintaining, renovating and modernizing existing campus facilities.

Two important aspects of this existing backlog situation should be kept in mind. First, failure to reduce the backlog can be directly attributed to lack of HEAPR funding in capital appropriations. Only \$40 million of the requested \$110 million was appropriated in 2006. Secondly, colleges and universities are expected to spend at least \$1.00 per square foot from operating budgets on major repair and replacement items as their share of capital renewal. Note that, on average, system-wide spending in 2006 was \$0.92/square foot compared to \$1.11/square foot in 2005.

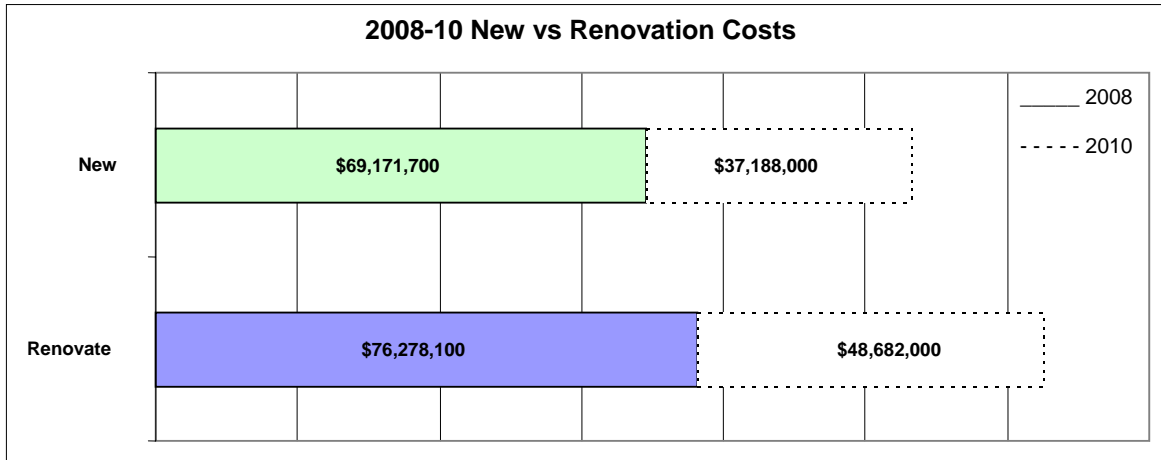
For 2008, knowledge gained by using the FRRM model has proven beneficial in the capital budget process. Impact on campus FCI is noted on each of the project descriptions shown on Attachment B. Of the top two quartiles of projects submitted for review, all but two will significantly lower the overall FCI of a campus in the next five years, indicating that the scoring and review process recognizes projects that will improve physical conditions. In the last two quartiles of rated projects, only nine improved the overall FCI of a campus. Several projects are recommended for funding that do not lower the FCI as they are new construction where the academic program could not be delivered through renovation of existing spaces.

In the proposed capital budget, 29 of the line-item projects will lower the FCI with the exception of land acquisition and the proposed space for law enforcement training, allied health and classroom buildings on five campuses. However, at four of those campuses other projects are in place that will result in lowering the campus FCI in the upcoming biennium.

The following charts indicate the capital program impact on square footage (excepting HEAPR, property acquisition and demolition) for 2008 and 2010. The first chart highlights that more than twice the square footage of space is being improved through renovation compared to the new space that is being added in the 2008-2010 biennia of the capital plan.



The next chart indicates the amount of dollars in the capital budget spent on new square footage versus that for renovated space (hard construction costs; not full project costs). This further emphasizes the cost effectiveness of renovating existing space rather than building new.



HIGHER EDUCATION ASSET PRESERVATION AND REPLACEMENT (HEAPR)

The acronym “HEAPR” refers to the program authorized in statute as Higher Education Asset Preservation and Replacement. This is the major source of funding for projects that replace roofs; update heating ventilating and air conditioning (HVAC) systems; repair building exteriors; renovate building interiors for current functions and programs; provide for hazardous material abatement; and make improvements to comply with building and life safety code. Since first identifying the magnitude of the backlog in 1999, HEAPR has been the major source of funding aimed at reducing that backlog. HEAPR funding history is as follows:

	1998	2000	2002/03	2004/05	2006
Request	\$91.0	\$100.0	\$100.0	\$100.0	\$110.0
Enacted	\$43.0	\$ 30.0	\$ 60.0	\$ 41.5	\$ 40.0
Funding Received	48%	30%	60%	42%	36%

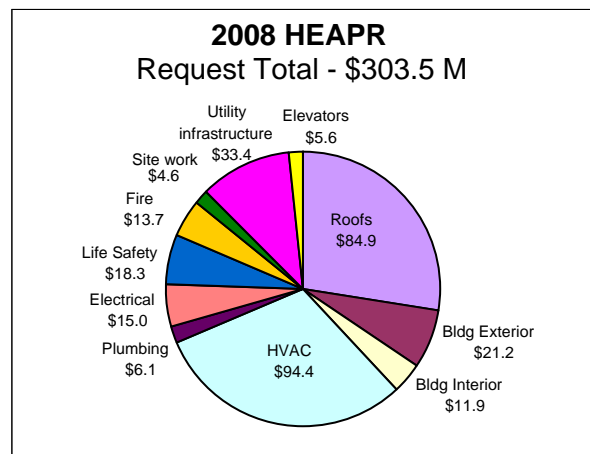
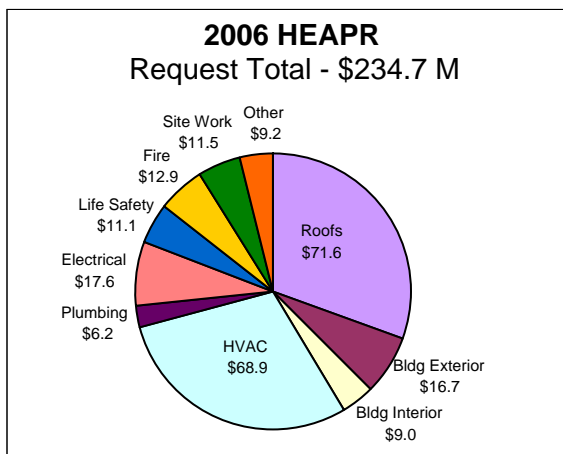
The 2008 HEAPR program will follow the Board’s long established principles for preserving and improving the physical plant infrastructure to support quality education. It will also align with the strategic goal of stewardship of resources. Specifically, the HEAPR program will strive to keep students, staff and public “warm, safe and dry.”

HEAPR projects were submitted in March 2007. Colleges and universities requested \$303 million in over 400 projects for all campus locations. This list is being evaluated and projects prioritized to meet the proposed \$110 million request. Campuses will have a final review before presentation to the legislature. Criteria for major HEAPR projects were noted in the Capital Budget guidelines. The final list will reflect that criteria on how specific projects will improve the campus FCI. Due to the age of buildings throughout the system, replacement of basic systems such as roofs and heating, ventilation and air conditioning (HVAC) are the major components of campus requests.

Comparing the initial HEAPR requests for 2008 with the previous request in 2006 indicates a significant increase in need:

	2006 campus requests	2008 campus requests
HEAPR	\$220.0 million	\$303.5 million
Initiatives projects	24.0	19.5
Property acquisition	20.0	13.2
Line-item projects	<u>270.0</u>	<u>274.4</u>
Total	\$534.0 million	\$610.6 million

The appropriation of only \$40 million in 2006 was not adequate to reduce the backlog of many critical items. As an example, the 2006 request for roofs was \$71.6 million and that request has grown 19% to \$84.9 million for 2008. HVAC needs have grown 37% from \$68.9 million in 2006 to \$94.4 million in 2008.



A change in the 2008 HEAPR categories includes the addition of “utility infrastructure.” Projects had previously been included in HVAC and other site conditions, but they have grown in significance to warrant their own category. Due to the age of our campuses, particularly the state universities, major repair and replacement needs are reflected in deteriorated and undersized utility systems unable to adequately handle current loads in potable and fire fighting water mains, and utility tunnel systems that distribute heating and cooling water from campus utility plants. This category is of concern, and its growth will be carefully monitored.

Another category that emerged this year is for safety improvements to elevators required by a 2007 change in the Minnesota Building Code affecting elevators installed before 1987. Staff recently conducted a survey of all campuses and of the 298 elevators in the system there are 179 that will be impacted by this code change and must be modified in the next five years. For 2008, requests for elevator improvements are \$5.1 million, which could easily triple in future years.

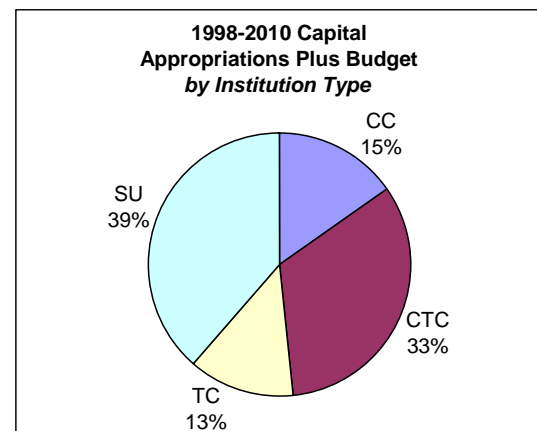
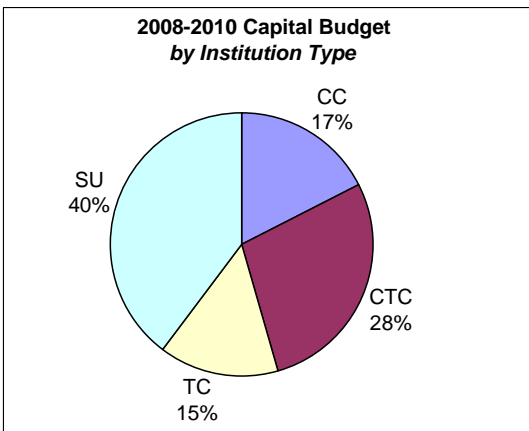
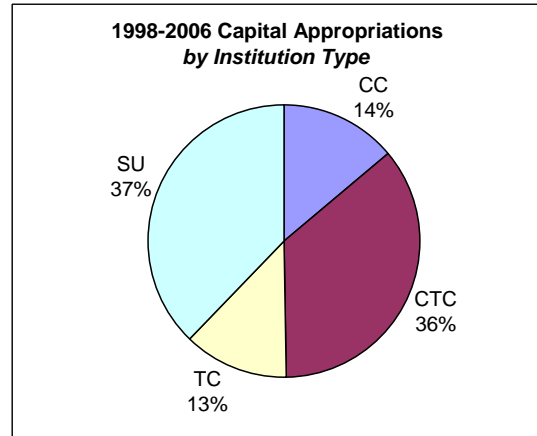
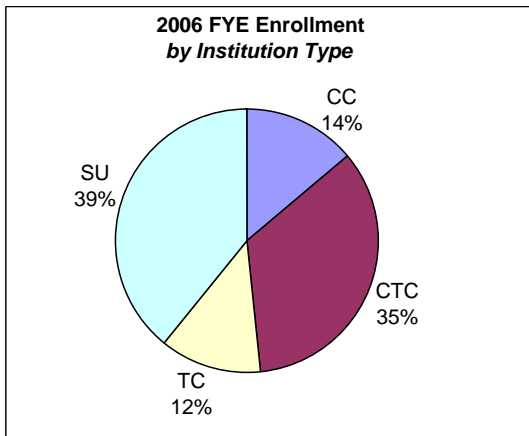
The size of the HEAPR request was determined, as in prior capital budgets, by considering the funding level needed to correct building deficiencies (reduce the backlog) and renew facilities in a timely manner to avoid backlog growth. Three major funding sources are included in this plan. First, the capital budget is the primary mechanism to renovate and “take care of what we have.” For the last eight years this has consistently yielded more renovation and modernization projects than projects for new square footage. Secondly, campuses have been expected to spend at least \$1.00 per square foot from operating funds on Repair and Replacement (R&R). Third is undertaking HEAPR projects to directly impact the backlog of deferred maintenance.

In prior capital budgets, the need for \$100 - \$110 million in HEAPR projects was based on the level of anticipated funding for line-item renovation and renewal projects and campus funding of R&R. The HEAPR request was also based on a long-range plan to reduce the backlog by 50% over 10 years. Since the capital renovation and renewal budget is similar to prior years, and since campus spending through the operating budget is close to the target \$1.00/square foot, it is reasonable to conclude that a \$110 million HEAPR request should be made again for 2008. Other considerations include the fact that the System FCI has not decreased, and that campus requests for HEAPR projects, particularly in the critical areas of roof and HVAC replacements have increased.

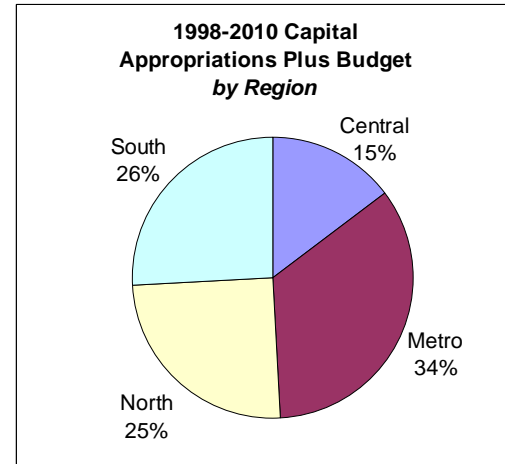
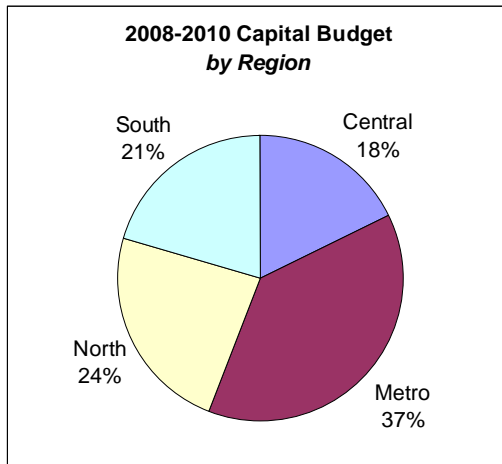
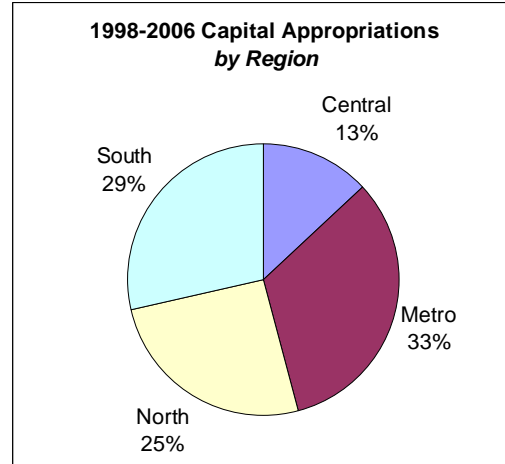
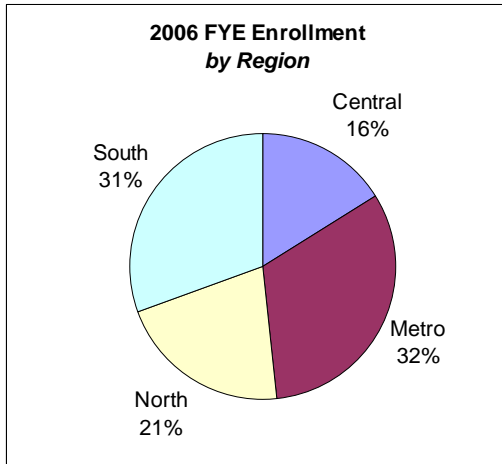
As this report is written, \$31 million in critical HEAPR is pending at the legislature and governor's office as part of the 2007 bonding bill. However, even if these projects are funded this year, thereby reducing the overall 2008 request for roof and HVAC replacements by \$16.4 million, there is still considerable need for work in these and other important repair areas within the \$110 million budget.

DISTRIBUTION OF THE PROPOSED CAPITAL BUDGET

Based on the projects as proposed in the Capital Budget for 2008 and 2010, distribution of funds by institution type and full year equivalent student population is shown below. While there may be slight variations in one or two biennia, such as the state universities being slightly higher in 2008-2010, the aggregate over a 12-year period compares favorably with student distribution. This distribution does not include property acquisition, demolition or HEAPR.



Similarly, the charts below show distribution of the proposed budget by region. The slight advantage in the metro area is partially a reflection of the need for more space to address enrollment growth.



BOARD DISCUSSION ITEMS

During the public hearings, Board members raised several important issues that are elaborated upon below:

Library development at technical colleges: Generally, technical colleges did not have a central repository for books as those resources were in designated lab spaces. As the need for more central scheduling and multi-use space has developed, those resource books as well as computers and web-based data are now available in common spaces. In addition, more technical careers require critical information gathering and evaluating skills. These information literacy skills are taught and facilitated by current faculty librarians on technical college campuses. Additionally, libraries that once held only books and some study areas are now becoming fully developed Learning Resource Centers (LRCs) with significant computer access to the web, team spaces in this collaborative study environment, and adjacent computer classroom areas for academic classes, access to on-line research and learning programs as well as open computer labs for students to work. With the changes in technical education, that include increased general education curriculum, these LRCs are becoming much more automated and demand correspondingly more space.

Metro planning: Looking forward to 2010, a number of strategies will be undertaken to help set the stage for the next capital budget cycle:

- In the southwest metro, Minnesota State University, Mankato, Hennepin Technical College, Normandale Community College, and South Central College are pursuing strategies to increase higher education access. This will likely take the form of initially leasing space along Highway 169.
- In the northwest metro, there is support for designating planning money to plan and consider design options. This is primarily in response to the capital request from North Hennepin Community College to construct a higher education center for bioscience and health careers on land adjacent to the campus, and a request from Anoka-Ramsey Community College to build a center for science, health and technology. Both proposals were deemed somewhat premature considering possible legislative funding for a bioscience center of excellence and lack of either an inter-institutional or overall strategic system response to growth in this area.
- Other growth corridors, including I-35 in the north metro and I-94 in the east metro will be addressed based on future assessments by the Office of the Chancellor to determine whether demand necessitates a facilities response and/or further efforts on the part of individual institutions.

Law enforcement and skills training: In response to the specific request from Fond du Lac Tribal and Community College for additional facilities for skills training, there are accessible skills training sites available at the Lake Superior College Emergency Response/Fire/Rescue site between Duluth and Cloquet, and at leased facilities in Cloquet. To the larger issue, a moratorium on expansion of skills training facilities was put in place in March 2005. Since then, the Office of the Chancellor contracted with MGT of America to conduct a study of law enforcement programs and accessibility to these programs across the state for completion at the end of 2007.

Civic engagement and the arts: It is anticipated that many theatres across the system will be in need of renovation due to the age of these existing facilities. A consistent expectation and level of support in the capital budget process may be needed, such as institutions seeking external donations and other support since these theaters bring a significant resource and benefit to the community. The level of support from the system should be to demonstrate to the state the importance of these types of facilities to the educational environment and community vitality, as indicated in the system strategic plan.

Student life and wellness facilities at colleges: Colleges should primarily frame these types of capital requests as supporting credit-based instruction in physical education and related fields. This type of space also supports other major campus activities such as graduations, science/curriculum fairs, and other similar events. However, support for capital projects for wellness and general student and community recreation should be scrutinized. As with requests for theatre renovations and/or expansions, there should be an expectation of community investment. Requests for this type of space at state universities should be supported when students are willing to support such wellness projects through user fees. Financing for state university projects is available within the Revenue Fund. It was noted that Normandale Community College's name for its project did not accurately describe its function. It is a building addition project, or infill, adding classrooms and removing an obsolete gym area, replacing it with adequate space that can be used for credit-based physical education programs.

Workforce Center co-location: Rochester Community and Technical College proposed, for the second time, a project for co-locating the Rochester area Workforce Center on the campus.

During presentation at the public hearing, the college also spoke about a collaborative effort with the Rochester School District to develop joint vocational/technical programs at the college campus. Workforce co-locations on college campuses have been successful in the past, most recently at Northland Community and Technical College and St. Cloud Technical College. Over the next several months, discussions should continue between the Office of the Chancellor and the Department of Employment and Economic Development to determine a financing strategy for this type of project in order that the project request (and therefore its cost) is not carried on the System's capital budget request to the legislature. Meanwhile, the college and local partners, including the school district, should continue discussions and refine the project scope and cost. Should a financing strategy not be agreed upon by December, the request for predesign and design funding should be withdrawn.

NEXT STEPS

The FY2008-2013 Capital Budget requests state general obligation bond financing of \$271 million with \$76.3 million in debt service financing by the System for 2008. The total amount requested for authorization is \$347.3 million. By way of comparison, we understand the University of Minnesota will be requesting a capital budget in the \$250 to \$300 million range. This is a net amount, comparable to the proposed MnSCU capital budget of \$271 million.

The Department of Finance is scheduled to issue instructions for submitting the statewide FY 2008-2013 Capital Budget later this month. Project cost estimates are based on current guidelines published by the Department of Finance. These new guidelines may require cost revisions due to new inflation factors. Project costs shown on Attachment A may change depending on revised inflation factors or revised construction schedules of each project. Agency requests are due to the Department of Finance by mid-June for a coordinated preliminary submittal to the legislature by July 1st. The Legislature will use this preliminary information as they make their visits around the state in the summer and fall to become familiar with upcoming capital requests. Final adjustments to the June submission must occur no later than September 15, 2007 for preparation of the Governor's Capital Budget recommendations to the 2008 legislative session.

RECOMMENDED COMMITTEE ACTION:

The Finance/Facilities Policy Committee recommends that the Board of Trustees adopt the following motion:

RECOMMENDED MOTION:

The Board of Trustees approves the FY2008 - 2013 Capital Budget as presented herein, specifically the projects and priorities for FY2008. The Board recognizes the projects in the 2010 and 2012 program years as strong candidates for future funding. The Chancellor is authorized to forward the Capital Budget to the Governor for consideration in the FY 2008 state capital budget. The Chancellor shall advise the Board of any subsequent changes in the Capital Budget prior to the FY2008 legislative session.

**Minnesota State Colleges and Universities
FY2008-2013 Capital Budget**

Attachment A

Priority	Institution Name	Campus	Project Description:	Proposed FY2008	User Financing	Proposed FY2010	Proposed FY2012
1	All Campuses	All	Higher Education Asset Preservation and Replacement (HEAPR)	110,000,000	0	110,000,000	110,000,000
2	Mn State University, Mankato	Mankato	Trafton Science Renovation	25,500,000	8,500,000		
3	St. Cloud State University	St. Cloud	Brown Hall Renovation	14,800,000	4,933,333		
4	Saint Paul College	St. Paul	Transportation and Applied Technology Lab Renovation	13,500,000	4,500,000		
5	Bemidji State University	Bemidji	Sattgast Science Building Addition and Renovation	8,900,000	2,966,667		
6	Normandale Community College	Bloomington	Classroom Addition and Renovation	7,000,000	2,333,333		
7	Inver Hills Community College	Inver Grove Heights	Classroom Addition and Renovation	13,200,000	4,400,000		
8	North Hennepin Community College	Brooklyn Park	Business and Technology Addition and Renovation	13,200,000	4,400,000		
9	Alexandria Technical College	Alexandria	Renovate Biology Lab	5,775,000	1,925,000		
	Anoka Technical College	Anoka	Renovate Multi-purpose Science Lab				
	Anoka Ramsey Community College	Cambridge	Renovate Multi-purpose Science Lab				
	Bemidji State University	Bemidji	Renovate Clinical Research Center				
	Central Lakes College	Brainerd	Renovate Dental Clinic				
	Century College	White Bear Lake	Renovate Radiology Lab				
	Inver Hills Community College	Inver Grove Heights	Renovate Multi-purpose Science Lab				
	Hennepin Technical College	Brooklyn Park	Renovate General Science Lab				
	Hennepin Technical College	Eden Prairie	Renovate General Science Lab				
	NHED Vermilion Community College	Ely	Renovate Science Lab				
	Ridgewater Community Technical College	Willmar	Renovate Science Lab				
10	Northland Community Technical College	East Grand Forks	Classroom Addition and Renovation	7,800,000	2,600,000		
11	Mn State University Moorhead	Moorhead	Lommen Hall Renovation	13,100,000	4,366,667		
12	Century College	White Bear Lake	Classroom and Student Support Space Renovation - Phase 2	7,900,000	2,633,333		
13	Southwest Mn State University	Marshall	Science and HRA Labs Renovation	9,000,000	3,000,000		
14	Central Lakes College	Brainerd	Renovate Large Classroom	3,625,000	1,208,333		
	Mn State Community Technical College	Wadena	Renovate Rightsizing Classroom				
	Mn State Community Technical College	Moorhead	Renovate Classroom & Advanced Technology				
	MnWest Comm Tech College	Pipestone	Renovate TV & Learning Center				
	Northland Community Technical College	Thief River Falls	Renovate Swenson Center for Entrepreneurship				
	Pine Technical College	Pine City	Renovate Prototype / Metallurgy Technical Lab				
	Rochester Community Technical College	Rochester	Renovate Nursing Labs/Health Science Classroom				
15	Lake Superior College	Duluth	Health Science Center Addition	11,000,000	3,666,667	4,000,000	
16	Metropolitan State University	St. Paul	Classroom Center	4,980,000	1,660,000		
17	Alexandria Technical College	Alexandria	Law Enforcement Center	10,500,000	3,500,000	4,200,000	
18	Metropolitan State University/Minneapolis Community Technical College	Hennepin Technical College - Brooklyn Park	Co-location Law Enforcement Center	13,400,000	4,466,667		

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Attachment A

Priority	Institution Name	Campus	Project Description:	Proposed FY2008	User Financing	Proposed FY2010	Proposed FY2012
19	NHED Mesabi Range Community Technical College	Eveleth	Shop Space Addition and Renovation	5,000,000	1,666,667		
20	Winona State University	Winona	Memorial Hall Addition and Renovation \$18,400,000 total project request	8,400,000	0		
21	Minnesota State Community Technical College	Moorhead	Mechanical Construction Trades Addition Design and Construction and Classroom Design	2,800,000	933,333	5,200,000	
22	Anoka Ramsey Comm College	Coon Rapids	Classroom Building Addition Design and Construction and Renovation Design	3,800,000	1,266,667	5,000,000	
23	Hennepin Technical College	Eden Prairie	Eden Prairie: Design and Renovate Science and Design for Learning Resource Center/Student Service Center	2,400,000	800,000	10,600,000	
		Brooklyn Park	Brooklyn Park: Design for Learning Resource Center/Student Service Center				
24	Minneapolis Community Technical College	Minneapolis	Workforce Program and Infrastructure Renovation Design	700,000	233,333	12,750,000	4,000,000
25	Ridgewater Community Technical College	Willmar	Technical Instruction Design and Construction and Renovation Design	3,500,000	1,166,667	14,500,000	
26	Mn West Community Technical College	Worthington	Fieldhouse Renovation and Addition	4,000,000	1,333,333		
27	South Central College	Faribault	Classroom Renovation and Addition Design	700,000	233,333	12,000,000	
28	Bemidji State University	Bemidji	Property Acquisition, Former Bemidji High School	13,100,000	4,366,667		
	Dakota County Technical College	Rosemount	Property Acquisition, 105 Acres at UMORE Park				
	Found du Lac Tribal Community College	Cloquet	Property Acquisition, 7 Residential Properties				
	Mn State University Moorhead	Moorhead	Property Acquisition, Edison School				
	Mn State Community Technical College Moorhead	Moorhead	Property Acquisition, Fire Station				
	NEHD Vermilion Community College	Ely	Property Acquisition, Northern Terrace Trailer Park				
	Mn State College Southeast Technical	Red Wing	Property Acquisition, Bergwall Arena				
	Metropolitan State University:	St. Paul	Property Acquisitions on Bates Avenue				
29	Bemidji State University	Bemidji	Maple Hall Demolition	2,830,000	943,333		
	Hennepin Technical College	Eden Prairie	Greenhouse Demolition				
	NHED Vermilion Community College	Ely	Technology Trailer Demolition				
30	Owatonna College and University Center	Owatonna	Property Acquisition	3,500,000	1,166,667		
31	North Hennepin and Anoka Ramsey Community Colleges	TBD	BioScience and Allied Health for Workforce, Northwest quadrant planning	500,000	166,667	20,000,000	
32	Mn State University Moorhead	Moorhead	Livingston Lord Library Renovation Design	700,000	233,333	12,000,000	
33	Southwest Mn State University	Marshall	Science Lab Renovation Design	300,000	100,000	5,500,000	
34	St. Cloud State University	St. Cloud	Integrated Science and Engineering Laboratory Design	1,000,000	333,333	25,000,000	
35	Dakota County Technical College	Rosemount	Transportation and Emerging Technologies Design	300,000	100,000	6,500,000	6,500,000
36	St. Cloud Technical College	St. Cloud	Allied Health Center Design	300,000	100,000	5,000,000	
37	Rochester Community Technical College	Rochester	Workforce Center Co-location, Secondary Technical Education Program Design	300,000	100,000	8,000,000	
Total				347,310,000	76,303,333	260,250,000	120,500,000
User Financing				76,303,333		50,083,333	3,500,000
General Obligation Bond Financing				271,006,667		210,166,667	117,000,000

_____ Complete design and renovate, furnish and equip Brown Hall. This project also includes exterior replacement of the 35 year-old skyway to the Wick Science Building and construction of a new skyway to Centennial Hall.

- Renovation of 75,000 GSF
- Campus FCI is 0.10 and would increase to 0.18 without reinvestment. This project would reduce the five year FCI to less than 0.16.
- Academic impact: include nursing and communication sciences and disorders including audiology and continuing studies.

4. Saint Paul College - Transportation and Applied Technology Lab Renovation - \$13,500,000

Project Description: Complete design and renovate, furnish and equip classrooms, labs, shops, and related spaces. Also construct a mechanical penthouse, entry, and expansion to the truck mechanics shop. This phase creates a modern 21st century academic space for students and industry that models the real world working environment to promote more engaged industry experiences and partnerships.

- Renovation of 105,000 GSF
- 3,600 new square feet to restructure the roof for snow drift around the mechanical penthouse.
- Campus FCI is 0.29 and would increase to 0.34 by 2011 without reinvestment. This project would reduce the FCI to 0.20.
- Academic impact: auto body repair, automotive technician, diesel truck mechanic, carpentry, pipefitting, cabinet making, major appliance repair, and chemical technician.

- 5. Bemidji State University - Sattgast Science Building Addition and Renovation - \$8,900,000**
Project Description: Construct space for aquatic biology, general biology, general chemistry, and renovate space to be used for nursing, botany, anatomy, and physiology. The Peters Aquatics Lab will be decommissioned.
- Project will add 21,600 GSF and renovate 8,332 GSF
 - Campus FCI will be reduced from 0.14 to 0.12
 - Academic impact: collaborative teaching, learning, and research for the three unique programs of aquatic biology, wetlands ecology, and environmental studies.
- 6. Normandale Community College - Classroom Addition and Renovation - \$7,000,000**
Project Description: Complete design and construct, furnish and equip a building that has not been renovated since its original construction in 1969.
- Renovation to create 12,550 GSF of additional classroom space
 - Renovate 23,000 GSF
 - Add 9,300 GSF of new space
 - Address major enrollment increases (lowest GSF/FYE ratio and highest credit hour per classroom usage of any MnSCU college) by adding classroom spaces within existing obsolete spaces.
 - Campus FCI is 0.02 and would increase to 0.11 by 2011 without further investment. This project, in addition to a concurrent HEAPR project, would reduce the FCI to 0.004.
 - Academic impact: improve classroom environments for health, exercise physiology, general classrooms, customized training, and physical education.
- 7. Inver Hills Community College - Classroom Addition and Renovation - \$13,200,000**
Project Description: Complete design and renovate, demolish obsolete music education spaces. The new facility will include nine new high technology general classrooms, 16 teaching labs, and other renovated spaces in the original 1974 Fine Arts Building.
- New construction of 27,000 GSF and demolition of 4,400 GSF for a net gain of 22,000 GSF which includes renovation of 19,000 GSF, renewal of 15,000 GSF.
 - Current FCI will be reduced from 0.07 to 0.05
 - Academic impact: will significantly improve the college's liberal arts and sciences programs including studio arts, music and theatre
- 8. North Hennepin Community College - Business & Technology Addition and Renovation - \$13,200,000**
Project Description: Complete design and construct, furnish and equip new addition to existing Center for Business and Technology. This project will preserve, renovate, and improve the space utilization of an existing building while adding essential teaching space.
- Construct 22,000 GSF
 - Renovate 32,345 GSF
 - Campus FCI is 0.04 and would increase to 0.11 by 2011 with no reinvestment. This project would reduce the FCI to 0.02
 - Academic impact: improve spaces for all sciences, health related fields and other workforce initiatives.

9. Science Lab Renovation Initiative - renovations at 11 campuses - \$5,775,000

- Alexandria Technical College, Alexandria - Biology Labs
- Anoka Technical College, Anoka - Multi-purpose Science Lab
- Anoka-Ramsey Community College, Cambridge - Multi-purpose Science Lab
- Bemidji State University, Bemidji - Clinical Research Center
- Central Lakes College, Brainerd - Dental Clinic
- Century College, White Bear Lake - Radiology Lab
- Inver Hills Community College, Inver Grove Heights - Multi-purpose Science Lab
- Hennepin Technical College, Brooklyn Park - Science Lab
- Hennepin Technical College, Eden Prairie - Science Lab
- Northeast Higher Education District, Vermilion Community College, Ely - Science Lab
- Ridgewater Community Technical College, Willmar - Science Lab

10. Northland Community and Technical College, East Grand Forks campus - Classroom Addition and Renovation - \$7,800,000

Project Description: Complete design and construct an addition for new healthcare classrooms and teaching laboratories; and renovate 1972-era public spaces of the former Area Technical Vocational Institute (AVTI). This project will expand the Learning Resource Center (library), renovate the Commons, expand the bookstore, address fire and building code requirements, improve space efficiency, and update the campus image.

- Construction of 8,300 GSF addition
- Renovation of 31,000 GSF
- Campus FCI will be reduced from 0.15 to 0.08 with a concurrent HEAPR project.
- Academic impact: nursing, allied health, surgical technician, learning resource center, computer labs, technology, early childhood, bookstore, and commons.

11. Minnesota State University, Moorhead - Lommen Hall Renovation - \$13,100,000

Project Description: Complete design; and renovate as well as extend the basement to correct a foundation problem. The comprehensive renovation will provide for functional academic improvements, mechanical, electrical, plumbing replacements, & the correction of building code violations.

- Initial design funding of \$300,000 was received in 2006. Architectural documents are 70% complete.
- Renovation of 81,000 GSF
- Lommen Hall's FCI will be reduced from 0.32 to 0.01
- Academic impact: teacher preparation, social work, sociology, criminal justice, counseling, and gerontology.

12. Century College - Classroom and Student Support Space Renovation, Phase 2 - \$7,900,000

Project Description: This is the second phase of the science/library project funded in 2006. Following funding for design in 2004 and construction of new square footage for the science and library consolidation in 2006, this project will backfill the vacated spaces. These renovations will right-size and improve the space utilization at the east and west campuses.

- Renovation of 47,000 GSF.
- Campus FCI will be reduced from 0.24 to 0.20
- Renovation for general purpose classrooms, computer lab and faculty offices on west campus and a student services center will be created where students can connect with admissions, business office, counseling, records, and financial aid.
- Space where students can meet, study and socialize; and space for support offices for information technology on east campus.
- Academic impact: general purpose science classroom/science resource center on east campus.

13. Southwest Minnesota State University - Science and HRA Labs Renovation - \$9,000,000

Project Description: Complete construction documents and construct, furnish and equip:

- Renovation of 7,000 GSF of Hotel and Restaurant Administration teaching labs in the Individualized Learning Center.
- Renovation of 11,000 GSF in Science and Technology building to update biology and chemistry labs.
- Renovation of 13,000 GSF in the Science and Math building to update biology and chemistry labs.
- Campus FCI is 0.24 and would increase to 0.26 in five years without reinvestment. This project would reduce the FCI to 0.21
- Design was funded in 2006 at \$300,000
- Academic impact: culinary arts/culinology (Hotel Restaurant Administration), biology, biology education, biology & medical technology / cytotechnology, chemistry, chemistry education, environmental science & geology, natural science, humanity & environment, geology, and agronomy.

14. Classroom Innovation Initiative - renovations at 7 campuses - \$3,625,000

Project Description: Renovate classrooms to promote innovation in a number of academic fields.

- Collaboration with industry or other regional or statewide higher education entities.
- Proven relationship to statewide workforce needs and/or employer demand for skills.
- Academic impact will be as follows:
 - Central Lakes College, Brainerd - large classroom renovation
 - Mn State Community Tech College, Wadena - right-sizing classroom renovation
 - Mn State Community Tech College, Moorhead - classroom and advanced technology
 - MnWest Community Tech College, Pipestone - ITV and learning center
 - Northland Community Tech College, Thief River Falls - Swenson Center for Entrepreneurship
 - Pine Technical College, Pine City - prototype / metallurgy lab
 - Rochester Community Tech College, Rochester - nursing labs/health classroom

15. Lake Superior College - Health Science Center Addition - \$11,000,000

Project Description: Complete design and construction of Health and Science Center Addition and renovation of backfill spaces in the existing building in Phase 1 and design through construction documents of renovation of backfill spaces in existing building in Phase 2 (2010 construction).

- Construction of an additional 35,000 GSF
- Renovation of 4,000 GSF in Phase 1 and 23,000 GSF in Phase 2
- Campus FCI is 0.13 and would increase to 0.23 in five years without reinvestment. This project would reduce the five year FCI to 0.22.
- Academic impact: physical therapy, dental hygiene, massage therapist, teaching laboratories, hospital nursing center, high tech classrooms, workforce development training rooms, allied health teaching laboratories, multi-media classrooms and instructional technology labs.
- A Phase 2 construction project request up to \$4 million is anticipated in 2010

16. Metropolitan State University - Classroom Center - \$4,980,000

Project Description: Complete design; and construct, furnish and equip a replacement of a partially demolished building to provide technology-enhanced classrooms and academic office space.

- Construction and renovation of 16,500 GSF
- Campus FCI will be reduced from 0.06 to zero
- This project will complete the original campus master development plan and protect the existing campus energy plant, on top of which this project will be constructed.
- Life safety and fire suppression systems as well as ADA upgrades that will make the currently "inaccessible" building meet American Disabilities Act requirements.
- Academic impact: create high quality learning environments for growing educational program needs, for instructional technology programs, computer technology, science, business and nursing programs.

17. Alexandria Technical College - Law Enforcement Center - \$10,500,000

Project Description: Complete design; and construct, furnish and equip a law enforcement skills training center, Phase 1.

- Construction of 62,000 GSF for labs and faculty offices
- Renovate 8,500 GSF of the gym into an industrial teaching lab and 11,300 GSF of general classrooms.
- Campus FCI is 0.22 and would increase to 0.26 in five years without reinvestment. This project would reduce the five year FCI to 0.25.
- Academic impact: law enforcement with allied public safety fields, diesel mechanics, marine and small engines, health and fitness, and truck driving.
- A Phase 2 renovation request up to \$4.2 million is anticipated in 2010.

18. Metropolitan State University/Minneapolis Community Technical College - Co-location Law Enforcement Center - \$13,400,000

Project Description: Complete design of a regional law enforcement training facility to replace leased facilities currently housing MCTC's law enforcement and criminal justice programs.

- Construction of 59,000 GSF
- The new center will benefit all metro-area institutions with law enforcement and criminal justice programs (Metropolitan SU, Century CTC, Inver Hills CC, Normandale CC, Minneapolis CTC, and North Hennepin CC) since all colleges are currently served at the leased Minneapolis CTC facility.
- Academic impact: provides modern law enforcement skills training space, and will facilitate a unique collaboration with Hennepin Technical College's fire and emergency management degree programs. This convergence of emergency response training with law enforcement programs is particularly important for improving coordination and response during local and national disasters.

19. Northeast Higher Education District, Mesabi Range Community and Technical College, Eveleth campus - Shop Space Addition and Renovation - \$5,000,000

Project Description: Complete design; and construct, furnish and equip shop space to move the industrial mechanical technology and carpentry programs back on campus from leased space off campus; renovate restrooms to be ADA-compliant, and upgrade the mechanical and electrical systems in the current space.

- Construction of 11,800 GSF
- Campus FCI will be reduced from 0.20 to 0.14
- Project will include substantial air quality improvements, heating and cooling improvements in current labs, classrooms and office space. Operations will be more cost effective with programs on campus and not in leased facilities.
- Academic impact: industry and workforce related to technical shop programs

20. Winona State University - Memorial Hall Addition and Renovation - total project authorization of \$18,400,000 is requested, including \$8,400,000 in state general obligation bonds; donor funding of \$3,000,000; and MnSCU Revenue Fund funding (supported by student fees) of \$7,000,000. In consideration of non-state funding, this project is requested with no debt service.

Project Description: Construct, furnish and equip an expansion of Memorial Hall to house the university's Integrated Wellness Complex. Project includes the renovation of space vacated in Gildemeister Hall.

- Construction of 78,000 GSF addition
- Renovation of 4,800 GSF
- Utility tunnel's FCI will be reduced from 0.27 to 0.19
- The Integrated Wellness Complex will be one of the first of its kind in the nation to integrate the six dimensions of wellness (intellectual, social, emotional, physical, occupational and spiritual) both programmatically and operationally.
- Academic impact: will seamlessly integrate academic departments (health, exercise and rehabilitative science, physical education and recreation) with student life and development departments (fitness, recreation/intramurals, health, health education, and counseling) and athletics.

21. Minnesota State Community Technical College, Moorhead campus - Mechanical Construction Trades Addition (Design and Construction) and Library / Classroom Addition (Design) - \$2,800,000

Project Description: Design and construct a one-story mechanical construction trades addition in Phase 1 and design a three story classroom/library addition in Phase 2 (2010 construction) to support science and technology programs.

- Construction of an additional 31,200 GSF
- Campus FCI will be reduced from 0.16 to 0.08
- Demolition of the ACR building will occur in the 2010 Phase 2 portion (1971 sheet metal building with 6,000 gross square feet). This building has an FCI of 0.60. The location will allow for a better placement of the new classroom and library addition.
- Academic impact: provides for 12 classrooms critically needed by all programs on a growing campus as well as in support of the new nanoscience technology program.
- Project for construction in 2010 will create centrally located library facility that will become the educational hub of campus. The new library will provide a critical educational component for Associate of Arts degree programs.
- Academic improvements will occur immediately in the 2008 project with mechanical construction trades lab to be shared by the carpentry, construction management and refrigeration programs.
- A Phase 2 construction request up to \$5.2 million is anticipated in 2010.

22. Anoka Ramsey Community College - Classroom Building Addition (Design and Construction); Renovation (Design) - \$3,800,000

Project Description: The project modernizes and renews the Fine Arts Building.

- Design and construction of an additional 14,000 GSF
- Design for a renovation of a 16,400 GSF fine arts and music facility (Phase 2, 2010)
- Classroom Building's FCI will be reduced from 0.29 to 0.03
- Academic impact: music and art, glass blowing, bronze casting, pottery firing, raku, and visual arts.
- A Phase 2 renovation request up to \$5.0 million is anticipated in 2010.

23. Hennepin Technical College

Eden Prairie campus - Design and Renovate Science (Phase 1); and Design for Learning Resource Center/Student Service Center (Phase 2) - \$2,100,000

Brooklyn Park campus - Design for Learning Resource Center/ Student Service Center (Phase 2) - \$300,000

Project Description:

- Campus FCI is 0.04 and would increase to 0.25 without reinvestment. This project would reduce the FCI to 0.24
- Design and renovation of underutilized space at the Eden Prairie campus to create suite of science labs and shared classrooms
- Design for renovation in 2010 at both campuses to relocate and enclose the library, related instructional support services, and consolidate student services with a small new entry.
- A Phase 2 renovation request up to \$10.6 million is anticipated in 2010.

24. Minneapolis Community and Technical College - Workforce Program and Infrastructure Remodeling Design - \$700,000

Project Description: Design for the renovation of the T-Building to include a student services testing center and student common areas, with installation of elevators and escalators to increase access to all levels; increase ventilation to the trades programs located in the lower level; waterproofing and concrete/masonry repair of the campus main plaza area to repair leaks and replace aging infrastructure. Code violations involving the separation between the atrium and instructional areas will also be addressed by this project. In addition, increased ventilation and the installation of cooling for Bowman Hall will be provided.

- Renovation of 80,000 GSF
- T-Building's FCI will be reduced from 0.17 to 0.13
- This project reduces approximately \$7.6 million in deferred maintenance.
- Academic impact: architectural technology, photography and digital imaging, jewelry, gemology, air traffic control, welding and metal fabrication, computer support and network administration, computer forensics, computer software development, phlebotomy, polysomnographic technology, electroneurodiagnostic technology, sterile instrument processing, community health worker, dental assistant and practical and registered nursing, heating, ventilation, air conditioning and refrigeration, cabinetry programs, physical education programs, and athletics.
- A Phase 2 construction request up to \$12.75 million in 2010 and a Phase 3 request up to \$4.0 million in 2012 are anticipated.

25. Ridgewater Community Technical College, Willmar campus - Phase 1 Technical Instruction (Design and Construction); Phase 2 Renovation (Design) - \$3,500,000

Project Description: This two-phase project will demolish an outdated 1950's era facility, renovate outdated and inefficient instructional space, and construct an addition to the Student Services area.

- Design & construction of 2,200 GSF to incorporate; replace outdated temporary structures (Phase 1).
- Design for 2010 that will demolish approximately 33,500 square feet and remodel approximately 80,000 square feet (Phase 2).
- Campus FCI will be reduced from 0.14 to 0.11 after Phase 2 is completed
- Academic impact: cosmetology, massage therapy, electrician, emergency medical services, small business management, farm business management programs, customized training, agriculture, veterinary technology, carpentry, electrician, sales and marketing management programs, and insurance claims representative.
- A Phase 2 construction request up to \$14.5 million is anticipated in 2010

26. Minnesota West Community Technical College, Worthington campus - Fieldhouse Renovation and Addition - \$4,000,000

Project Description: Design, renovate and construct an addition to a 1968 Fieldhouse. The project seeks to resolve ADA compliance issues, deferred maintenance backlog and right-size and relocate men's and women's locker rooms and training facilities to become compliant with Federal Title IX requirements.

- Construct an additional 9,500 GSF
- Campus FCI will be reduced from 0.04 to zero
- The college has an opportunity to create value added synergy with local private investment on the campus that supports the overall master plan and strategic goals of the college. The Worthington YMCA has signed a letter of intent to relocate, from its downtown location, to a site on the MnWest Worthington campus directly north of the existing field house facility.
- Academic impact: will affect physical education, health programs, law enforcement and physical therapy technician programs.

27. South Central College, Faribault campus - Classroom Renovation and Addition Design - \$700,000

Project Description: Design for remodeling and a building addition for a proposed 2010 project of \$12,000,000. The project will address site constraints with improved vehicle circulation, modernized classrooms, additional science labs and revitalized technical instructional spaces.

- Demolition and new construction with net gain of 14,000 GSF.
- Renovation of 58,000 GSF
- Campus FCI is 0.05 and would increase to 0.22 in five years without reinvestment. This project would reduce the projected five year FCI to 0.08.
- Academic impact: affect science, technology, engineering, mathematics, and health care programs.
- A Phase 2 renovation request up to \$12 million is anticipated in 2010

28. Property Acquisition - Acquire real property adjacent to campuses in Bemidji, Cloquet, Moorhead (2), Red Wing, Rosemount, Saint Paul, and Ely - \$13,100,000

Project Description: Purchase real property adjacent to land-locked campuses and/or to solve other site issues. Current and immediate opportunities exist at:

- Bemidji State University - former high school property - \$2,000,000
- Dakota County Technical College , Rosemount - 105 Acres property at UMORE Park currently owned by the University of Minnesota - \$3,500,000
- Fond du Lac Tribal and Community College, Cloquet - adjacent properties - \$1,800,000
- MN State University Moorhead - Edison School - \$1,118,500
- MN State Community and Tech College, Moorhead - Fire Station - \$1,250,000
- NEHD Vermilion Community College, Ely - Northern Terrace Trailer Park - \$500,000
- MN State College Southeast Technical, Red Wing - Bergwall Arena - \$1,720,000
- Metropolitan State University, St. Paul - 3 Properties on Bates Ave - \$1,200,000

29. Bemidji State University; Hennepin Technical College, Eden Prairie; Vermillion Community College, Ely - Demolition of obsolete buildings - \$2,830,000

Project Description: Demolition of obsolete and inefficient buildings will remove over \$3 million from the Revenue Fund deferred maintenance backlog:

- Bemidji State University, Bemidji – Residential Maple Hall
- Hennepin Tech College, Eden Prairie - Greenhouse
- NHED Vermilion Community College, Ely - Technology Trailer

30. Owatonna College and University Center - Property acquisition - \$3,500,000

Project Description: This project is for acquisition of the Owatonna College and University Center building in Steele County, including 9 acres and an adjacent 18 acres of vacant land. The Center currently houses programs of Riverland Community College, MSU Mankato and two private colleges. The intended use is as a collaborative higher education center offering a combination of 2 and 4 year offerings by MSU, Mankato, Riverland Community College and South Central College.

- Acquisition of 25,000 GSF
- Academic impact: will provide 13 classrooms, 7 offices and reception area, 2 conference rooms, and gathering area with support space. There is also opportunity for growth and associated parking

31. North Hennepin Community College; Anoka Ramsey Community College - Biosciences and Allied Health career education; Northwest metro quadrant planning - \$500,000

Project Description:

- Pre-design and design through schematic design facilities serving the metro area's northwest quadrant for delivery of biosciences and allied health career education. Program delivery and associated facilities would include North Hennepin Community College and Anoka Ramsey Community College in partnership with one or more MnSCU state universities and potentially other metro area 2-year colleges.
- A construction request up to \$20 million is anticipated in 2010

32. Minnesota State University Moorhead - Livingston Lord Library Renovation Design - \$700,000

Project Description: Design the renovation of Livingston Lord Library. This comprehensive renovation will replace the mechanical, electrical, plumbing, and fire detection systems. In addition, a number of code compliance issues, especially relating to accessibility, will be resolved.

- Livingston Lord Library's FCI would be reduced from 0.34 to less than 0.10
- A renovation request up to \$12 million is anticipated in 2010

33. Southwest Minnesota State University - Science Lab Renovation Design - \$300,000

Project Description: Design for 2010 renovation of science labs and construct an addition to the Plant Science Learning Center in the Science and Math building. The renovations will update agronomy, environmental science, physical science, astronomy, physics and plant science labs.

- Design the renovation of 20,000 GSF for construction in 2010
- Addition of 1,000 GSF.
- Science Lab's FCI will be reduced from 0.21 to 0.19
- Academic impact: biology, biology education, medical technology / cytotechnology, chemistry, chemistry education, environmental science, geology, natural science, humanity and environment, agronomy, physics and pre-professional programs.
- A renovation request up to \$5.5 million is anticipated in 2010

34. St. Cloud State University - Integrated Science and Engineering Laboratory Design - \$1,000,000

Project Description: This request is for planning and design funds for an Integrated Science and Engineering Laboratory Facility.

- Proposed new construction for teaching and research laboratories, and student academic support spaces based on the model of designing flexible laboratories that can be reconfigured to meet changes in science and engineering needs.
- Academic impact: health science degree programs, integrated work across engineering, the sciences, critical student project design, and research programs.
- A construction project request up to \$25 million is anticipated in 2010.

35. Dakota County Technical College - Transportation and Emerging Technologies Design - \$300,000

Project Description: Design for construction in 2010 a renovation intended to reorganize and renovate the college's Transportation and Technical Divisions. The project aims to maximize the efficient use of the facility through creating common classroom and laboratory spaces to be shared by related academic programs. This will eliminate redundancies in specialized equipment needs, thus reducing program expenses and increasing space utilization, while leaving these instructional areas flexible to easily adapt to future change.

- Design to renovate 98,000 GSF.
- Current FCI will be reduced from 0.29 to 0.22.
- Academic impact: automotive technician, automotive body collision, heavy construction equipment mechanic, heavy duty truck technology, and railroad conductor training.
- A renovation request up to \$6.5 million in each of 2010 and 2012 is anticipated

36. St. Cloud Technical College – Allied Health Building Design - \$300,000

Project Description: Design renovation of the Allied Health Building in order to create a medical training facility.

- Construction funding will be requested in 2010 up to \$5,000,000.
- Academic impact: chemistry, microbiology, sonography, allied healthcare, and general sciences.

37. Rochester Community Technical College - Workforce Center Co-location; Secondary Technical Education Program (Design) - \$300,000

Project Description: Pre-design and design additional space to the northeast corner of the Heintz Center building. The addition will house offices and shared resource/reception space for the Minnesota Workforce Center; and space to allow collaborative work with the K-12 school district for developing secondary technical education programs on the RCTC campus.

- Heintz Center's FCI is 0.42 and would increase to 0.48 in five years without reinvestment. This project will reduce the FCI to 0.33 and the five year FCI to 0.40.
- Unique financial collaboration with community interests will fund expanding K-12 offerings and Workforce Center collocation allowing for enhanced services to the public.
- Academic impact: improve general classrooms for technical education.
- A construction request up to \$8 million is anticipated in 2010.